#### **CHAPTER 5**

## **CONCLUSION**

The present study was directed at examining the extent to which Self-Efficacy, Health Beliefs, and Health Locus of Control were predictors of compliance with three specific Health Behaviours - Smoking, Dietary Habits, and Exercise in women over a period of three months. Two reasons were cited in support of limiting the inquiry to women and adopting these specific Health Behaviours for examination. One was, that Health Behaviour varies by gender. Verbrugge, (1979) has argued that both physical and psychological health may be related to gender patterns as women and men may have different behavioural factors which may determine their physical and psychological health. Other researchers for example have stressed that women generally are less likely to smoke, engage in regular exercise, and more likely to monitor their diet (Waldron 1988). The other reason for undertaking research on women's health and health behaviours were for policy reasons. It is noticed that women are under-represented in official statistics on health and health care (Oakley & Oakley 1979; Nissel, 1980)

The study also aimed at determining whether modification of life-styles in respect of these Health Behaviours was conducive to the improvement of Health. In this regard this study attempted to highlight the best predictor of health behaviour modification from among three of the most influential predictor variables - Health Beliefs, Health Locus of Control, and Self-Efficacy.

Specific models and theories relating to Health Beliefs, Health Locus of Control, and Self-Efficacy were used in this study. Particular scales relating to Physical and Psychological Health were adopted in the analysis of the results. In relation to the examination of the variables of each of the Health Behaviours identified in this study,

questionnaires relating to Health Beliefs, Health Locus of Control, and Self-Efficacy were used. Separate scales for Physical and Psychological Health were adopted.

Five Hypotheses were posed in the beginning. At the first instance, it was hypothesised that healthy behaviours would be associated with good physical and psychological health at the beginning and end of the study. It was then hypothesised that Health Beliefs, Health Locus of Control and Self-Efficacy would be predictive of compliance with Health Behaviours within the three-month period of the study. Lastly it was hypothesised that change in Health Beliefs would be related to change in Health Behaviours during the three-month period of this study, whereas Self-Efficacy and Health Locus of Control would not be so related.

The analysis of the results obtained indicated that the Hypotheses in relation to Health Beliefs and Self-Efficacy as predictors of change in Health Behaviours were substantially proved. Thus, in relation to smoking behaviour and in average dietary habits, Health Beliefs were found to be predictors of change. It was also found that Self-Efficacy was a significant predictor of change in certain specific Dietary Habits, and in Exercise Behaviour. One of the reasons why the assumption of the Hypothesis, in relation to Health Locus of Control, was not proved may have been because of the use multidimensional scale instead of specific scales. The primary Hypothesis relating to good Health being associated with good Health Behaviours was also proved by the results of this thesis.

The Hypothesis in regard to the direct relationship between Health Beliefs and Health Behaviours was not proven by the results obtained in this study. This may be partially attributed to the content of the written information provided to the participants in the study. However the strong inverse relationship between the two indicated in the results can provide an impetus for further research in this area.

Overall, the analysis of the results of the present study indicated that both Self-Efficacy and Health Beliefs were predictors of change in the specific Health Behaviours of the participants in this study. Health Beliefs was accepted as predictor

regardless of positive or negative prediction of change. But the Hypotheses with respect to both of these predictors were not fully proved. This may be attributed to two factors. One factor may be that the standards adopted in the Health Belief Model may not be a foolproof; the other may be related to the shortcomings of the present study. In respect of the first factor, it has already been pointed out in Chapter 4 that Health Beliefs may have to be supplemented by other variables.

The present study used an intervention in the form of a written material. The written material contained information about health and health risk factors which was prepared by the investigator. This written information was provided to the participants to determine whether written information influenced the participants perception of their health beliefs, which in turn change their health behaviours and subsequently the overall health of the subjects. The intervention through written material has been used by researchers, in health promotion (Weiss, 1984). However, the written material used in the present study was not directed to conduct the testing of an intervention programme, rather it was conceived to create awareness and knowledge about health and health related risk factors. The study did not have a control group whereby in a way it would be difficult to ascertain the changes in health beliefs as a result of the written material. This could be seen as the flaw of the design of the study. Interestingly enough, the study did see the change in the health beliefs of the participants in the present study from Time 1 and Time 2, after providing the participants with written material. Thereby it could be concluded that the written material did influence health beliefs of the participants, but how much change could be attributed to the written information is not certain. This leaves room for the future study which could use the control group to ascertain the effectiveness of the written material in order to change the health beliefs which in turn could change the health behaviours. The shortcomings of the present study may be overcome in subsequent studies by, for example, including more participants, a control group, and extending the time frame of the study

The present study has made a contribution which could be attributed to the fact that it has reinforced some of the earlier studies in this area by focussing on three specific Health Behaviours, and by limiting the inquiry to women. Another contribution of this study is the use of identification of some specific areas and factors which are in need of further inquiry. The investigator considered the suggestions made by Baranowski et al., (1990), highlighted in chapter 1, in which compliance to new health behaviours is enhanced by making the programmes easy to follow. This point was considered by the investigator, and the task was made less cumbersome, by way of providing the set of questionnaires three times, and also the participants remained enthusiastic in the study by keeping in touch with them. This regular contact proved to be effective as the drop-out rate among the participants was minimal. However, the women participants who smoked were fewer in number, which could have made the results in smoking behaviour inconclusive. These limitations were accepted in the context of the study. Despite some drawbacks, the findings of this thesis are significant enough to contribute towards an understanding in these areas of Health and Health Behaviour.

### **Limitations of the Study**

A number of limitations of the study have been highlighted in the above sections. However there are further limitations that need to be borne in mind.

The scales used to measure Health Beliefs in the present study were derived from the scales which have been used in the existing research. Most scales were modified slightly to make them more applicable to the subject matter of the present study. These modified scales were not subjected to independent psychometric analysis and it is possible that they may not bear all the psychometric qualities of the original scale. This can be considered to be a limitation of the data gathered in the study.

It was noted on page 51 that Multidimensional Health Locus of Control measure was based on the scale designed by Wallston et al (1978). Although not mentioned on page 51, the changes consisted of focusing on an individual's overall health and

avoidance of bad health rather than specifically on sickness. For example, the questions, "No matter what I do, if I am going to get sick, I will get sick", was changed to "No matter what I do, if I am going to have bad health I will". "If I take care of myself, I can avoid illness", was changed to "If I take care of myself, I can avoid having bad health".

These changes may have modified the psychometric properties of the measure. No independent assessment of these psychometric properties was made and this represents a further limitation of the study.

The data analysis used in the present study involved numerous independent statistical tests. It is possible that this procedure increased the chance of type 1 errors occurring. It may be advisable to treat findings with only moderate significant levels with caution.

#### **BIBLIOGRAPHY**

- Adler, N., & Matthews, K. (1994). Health psychology: Why do some people get sick and some stay well. <u>Annual Review of Psychology</u>, 45, 229.
- Aiken, L.S., West, S.G., Woodward, C.K., & Reno, R.R. (1994). Health beliefs and compliance with mammography-screening recommendations in asymptomatic women. <u>Health Psychology</u>, 13 (2), 122-129.
- Ajzen, I., & Fishbein, M. (1977). Attitude-behavior relations: A theoritical analysis and review of empirical research. <u>Psychological Bulletin</u>, 84, 888-918.
- Alexander, L.L., & LaRosa, J.H. (1994). <u>New Dimentions in Women's Health.</u>
  Jones and Barthett International: Boston, London.
- American Cancer Society. (1992). <u>Cancer Facts and Figures-1992</u>. New York: American Cancer Society.
- American College of Sports Medicine. (1991). <u>Guidelines for graded exercise testing</u> and exercise prescription. Philadelphia, Lea and Febiger.
- Anderson, J.W., Smith, B.M., & Gustafson, N.J. (1994). Health benefits and practical aspects of high-fiber diets. <u>American Journal of Clinical Nutrition</u>, <u>59</u> (5S), Supp. 1242S-7S.
- Armstrong, B.K., de-Klerk, N.H., Shean, R.E., Dunn, D.A., & Dolin, P.J. (1990). Influence of education and advertising on the uptake of smoking by children. Medical Journal of Australia, 5, 152(3), 117-124.
- Auerbach, O., Hammond, E.C., & Garfinkel, L. (1979). Changes in Bronchial Epithelium in relation to cigarette smoking, 1955-60vs. 1970-77. New England Journal of Medicine, 300(8), 381-386
- Avis, N.E., McKinlay, J.B., & Smith, K.W. (1990). Is cardiovascular risk factor knowledge sufficient to influence behaviour. <u>American Journal of Preventative-Medicine</u>, 6(3), 137-144.

- Bahrke, M.S., & Morgan, W.P. (1978). Anxiety reduction following exercise and meditation. Cognitive Therapy and Research, 2, 323-334.
- Baile, W.F., & Engel, B.F. (1978). A behavioural strategy for promoting treatment compliance following myocardial infarction. <u>Psychosomatic Medicine</u>, <u>40</u>, 413-419.
- Balch, P., & Ross, A.W. (1975). Predicting success in weight reduction as a function of locus of control: a unidimensional and multidimensional approach. <u>Journal of Consulting and Clinical Psychology</u>, 43, 119.
- Bandura A. (1969). <u>Principles of Behaviour Modification</u>. New York: Holt, Rinehart & Winston.
- Bandura, A. (1977a). Social Learning Theory. Englewood Cliffs, NJ: Prentice-Hall.
- Bandura, A. (1977b). Self-efficacy: Toward a unifying theory of behavioral change. Psychological Review, 84, 191-215.
- Bandura, A. (1978). Reflections on self-efficacy. <u>Advances in Behaviour Research</u> and Therapy, 1, 237-269.
- Bandura, A. (1982). Self-efficacy mechanism in human agency. <u>American Psychologist</u>, 37, 122-147.
- Bandura, A. (1986). The social foundations of thought and action. Englewood Cliffs, NJ: Prentice-Hall.
- Bandura, A., Adams, N.E., Beyer, J. (1977). Cognitive processes determining behaviour change. Journal of Personality and Social Psychology, 35, 125-139.
- Banks, M.H. (1983). Validation of the General Health Questionnaire in a young community sample. <u>Psychological Medicine</u>, <u>13</u>, 349-54.
- Baranowski, T. (1990) Reciprocal determinism at the stages of behavioural change:

  An integration of community, personal, & behavioural perpectives.

  International Quarterly of Community Health Education, 10, 297-327.

- Baranowski, T., Henske, J., Simons-Morton, B., & Palmer, J. (1990). Dietary change for Cardiovascular disease prevention amoung black American families. Special Issue. <u>Nutrition Education Research</u>, 5(4), 433-443.
- Beck, K.H., & Lund, A.K. (1982). The effects of health threat seriouness and personal efficacy upon intentions and behaviour. <u>Journal of Applied Social Psychology</u>, 42, 861-865.
- Becker, M.H, & Rosenstock, I.M. (1984). Compliance with medical advice. In Steptoe A and Matthews A (Eds.), <u>Health Care and Human Behaviour</u>: London, Academic Press.
- Becker, M.H., Cummings K.M., & Maile, M.C. (1980). Bringing the models together: An empirical approach to combining variables used to explain health actions. Journal of Behavioural Medicine, 3, 123-145.
- Becker, M.H., Haefner, D.P., & Maiman, L.A. (1977a). The Health Belief Model in prediction of dietary compliance: A field experiment. <u>Journal of Health and Social Behaviour</u>, 18, 348-366.
- Becker, M.H., Maiman, L.A., Kirscht, J.P., Haefner, D.P., & Drachman, R.H. (1977b). Selected psychological models and correlates of individual health related behaviors. <u>Medical Care</u>, <u>15</u>, 27-46,
- Becker, M.H. (1974). The Health Belief Model and sick role behaviour. <u>Health</u> Education Monographs, 2(4), 409-419.
- Becker, M.H., & Maiman, L.A. (1975). Sociobehavioural determinants of compliance with health and medical care recommendations. <u>Medical Care</u>, <u>13</u>, 10-24.
- Beiser, M. (1974). Components and correlates of mental well-being. <u>Journal of</u> Health and Social Behaviour, 1, 409-419.
- Berger, B.G. (1984). Running away from anxiety and depression: a female as well as male race. In M.L.Sachs & G.W. Buftone (Eds.), <u>Running as therapy: An integrated approach</u>. Lincoln: University of Nebraska Press.

- Bernstein, L. (1978). Exercise, sex and heart disease. <u>Dental Anaesthesia and Sedation</u>, 7, 19-21.
- Blair, S.N., Piserchia, P.V., Wilbur, C.S., & Crowder, J.H. (1986). A public health intervention model for work-site health promotion. <u>Journal of the American Modical Association</u>, 255, 921-926.
- Blair, A.J., Booth, D.A., Lewis, V.J., & Wainwright, C.J. (1989). The relative success of official and informal weight reduction techniques: Retrospective correlational evidence. Psychology and Health, 3(3), 195-206.
- Blumenthal, J.A., & Emery, C.F. (1988). Rehabilitation of patients following myocardial infarction. <u>Journal of Consulting and Clinical Psychology</u>, <u>56(3)</u>, 374-381.
- Booth-Kewley, S. & Friedman, H.S. (1987). Psychological predictors of heart disease: A quatitative review. <u>Psychological Bulletin</u>, 101(3), 343-362.
- Borrelli, B., & Mermestein, R.(1994). Goal setting and behaviour change in a smoking cessation program. Cognitive Therapy and Research, 18(1), 69-83.
- Brannon, L., & Feist, J. (Eds.). (1992). <u>Health Psychology: An introduction to behavior and health</u>. Belmont, Calif.: Wadsworth Pub. Co.
- Brawley, L.R. (1993). The practicality of using social psychological theories for exercise and health research and intervention. Special Issue: the application of social psychological theories to health and exercise. <u>Journal of Applied Sport Psychology</u>, 5(2), 99-115.
- Breslow, L., Fielding, J., Herrman, A.A., & Wilbur, C.S. (1990). Worksite Health Promotion: Its evolution and the Johnson & Johnson experience. <u>Preventative Medicine</u>, 19, 13-21.
- Bristol J.B., Emmette, P.M., Heaton K.W. & Williamson R.C.N. (1985). Sugar, fat, and the risk of colorectal cancer. <u>British Medical Journal</u>, 291, 1467-1470.
- Broome, A.K. (Ed). (1989). <u>Health psychology: Processes and applications.</u> London: Chapman and Hall.

- Broverman, I., Broverman, D., Clarkson, R., Rosenkrantz, P., & Vogel, S. (1970). Sex role stereotypes and clinical judgments of mental health. <u>Journal of Consulting and Clinical Psychology</u>, 34, 1-7.
- Burvill, P. W., & Knuiman, M.W. (1983). Which version of the general health questionnaire should be used in community studies? <u>Australian and New Zealand Journal of Psychiatry</u>, 17, 237-242.
- Byer, C.O., & Shainberg, L.W. (1991). <u>Living well: health in your hands</u>. New York: Harper Collins Publishers.
- Byrne, A., & Byrne, D.G. (1993). The effect of exercise on depression, anxiety and other mood states: A review. <u>Journal Psychosomatic Research</u>, <u>37(6)</u>, 565-574.
- Calnan, M. (1989). Control over health and patterns of health-related behaviour. Special Issue: Health Self-Care. <u>Social Science and Medicine</u>, 29(2), 131-136.
- Cannon, G. (1992). <u>Food and health: the Experts Agree</u>. London: The Cosumers' Association.
- Cannon, J.G., & Kluger, M.J. (1983). Endogenous pyrogens activity in human plasma after exercise. Science, 220, 617-619.
- Carey, K.B., & Carey, M.P. (1993). Changes in self-efficacy resulting from unaided attempts to quit smoking. <u>Psychology of Addictive Behaviours</u>, 7(4), 219-224.
- Carlson, B., & Petty, K. (1989). Health locus of control and participation in physical activity. American Journal of Health Promotion, 3, 32-37.
- Champion, V.L. (1994): strategies to increase mammography utilization. <u>Medical</u> Care, 32(2), 118-129.
- Cheng, T.A. (1985). A pilot study of mental disorders in Taiwan. <u>Psychological Medicine</u>, 15, 195-203.
- Condiotte, M.M., & Lichtenstein, E. (1981). Self-efficacy and relapse in smoking cessation programs. <u>Journal of Consulting and Clinical Psychology</u>, 49(5), 648-658.

- Conner, M., & Norman, P. (Eds.). (1996). <u>Predicting health behaviour: Research and practice with social cognition models</u>. Buckingham; Philadelphia: Open University Press.
- Contento, I.R., & Murphy, B.M. (1990). Psycho-social factors differentiating people who reported making desirable changes in their diets from those who did not. <u>Journal of Nutritional Education</u>, 22(1), 6-14.
- Cook, R., & Benton, D. (1993). The relationship between diet and mental health. Personality and Individual Differences, 14(3), 397-403.
- Council on Scientific Affairs. (1989). Dietary fibre and health. <u>Journal of American Medical Association</u>, 28, 262(4), 542-546.
- Crossman, J., & Eyjolfsson, K. (1991). Perceptions of participants regarding the long-term impact of an education and support program for heart attack and heart surgery patients & their partners. <u>Journal of Community Psychology</u>, 19(4), 333-336.
- Davis, P.R. (1977). Man and manual labour. Ergonomics, 20, 601-609.
- Department of Health (1992). Health of the Nation. London: HMSO.
- Desharnais, R., Bouillon, J., & Godin, G. (1986). Self-efficacy and outcome expectations as determinants of exercise adherence. <u>Psychological Reports</u>, 59(3), 1155-1159.
- Desharnais, R., Jobin, J., & Cote, C. & Godwin (1993). Aerobic exercise and the placebo effect: A controlled study. <u>Psychosomatic Medicine</u>, <u>55</u>, 149-154.
- DeSola-Pool, I., Frey, F.W., Schramm, W., Maccoby, N., & Parker, E. B. (1973) (Eds.), <u>Handbook of Communication</u>. Chicago, Rand McNally.
- Devins, G.M., & Edwards, P.J. (1988). Self-efficacy and smoking reduction in chronic obstructive pulminory disease. <u>Behavior Research and Therapy</u>, 26, 127-135.
- DeVries, H. (1980). Physiology of Exercise. Dubuque: WM Brown.

- Dhillon, P.K., & Sexena, S. (1988). Mental health and attitudes in relation to smoking behaviour and academic discipline: A comparative study. Manas, 35(1-2), 19-27.
- DiClemente, C.C., Prochaska, J.O., & Gibertini, M. (1985). Self-efficacy and the stages of self change of smoking. Cognitive Therapy and Research, 9, 181-200.
- DiMatteo, M.R. (1991). The psychology of health, illness, and medical Care: An individual perspective. Brooks/Cole Publishing Com, Wadsworth, Inc., Belmont, California.
- Directorate of Welsh Heart Programme (1985). Pulse of Wales: Preliminary Report of the Welsh Heart Survey,1986, <u>Heartbeat Report</u> No. 4, Cardiff: Health Promotion Wales.
- Dishman, R.K. (1985). Medical psychology in exercise and sport. Medical Clinics of North America, 69, 123-143.
- Donovan, D.M., & Marlatt, G.A. (Eds.). (1988). <u>Assessment of Addictive Behaviors</u>. New York: Guilford.
- Doyne, E.J., Ossip-Klien, D.J., Bowman, E.D., Osborn, K.M., McDougall-Wilson, I.B., & Neimeyer, R.A. (1987). Running versus weight lifting in the treatment of depression. Journal of Consulting and Clinical Psychology, 55, 748-754.
- Dua, J.K. (1993). Role of negative affect and positive affect in stress, depression, self-esteem, assertiveness, type A behaviours, psychological health, and physical health. Genetic, Social, and General Psychological Monographs, 119, 515-552.
- Dua, J.K. (1994). Comparative predictive value of attributional style, negative affect, and positive affect in predicting self-reported physical health and psychological health. Journal of Psychosomatic Research, 38(7), 669-680.
- Dua, J.K., & Price, I. (1992). Psychometric analysis of sub-scales of Thoughts and Real-life Experiences Scale. <u>Behavioural Change</u>, 9, 104-111.

- Duncan, T.E., & McAuley, E. (1993). Social support and efficiency cognitions in exercise adherence: A latent growth curve analysis. <u>Journal of Behavioral Medicine</u>, 16(2), 199-218.
- Dwyer, J.T. (1991). Nutritional consequences of vegetarianism. In R.E. Olson, D.M. Bier and D.B. McCormick (Eds.), <u>Annual Review of Nutrition</u>. Palo Alto CA: Annual Reviews.
- Dzewaltowski, D.A., Noble, J.M., & Shaw J.M. (1990). Physical Activity Participation: Social cognitive theory versus the theories of reasoned action and planned behavior. Journal of Sport and Exercise Psychology, 12(4), 388-405.
- Ellickson, P.L., & Bell, R.M. (1990). <u>Prospects for preventing drug use among</u> adolescents. California: Rand.
- Farquhar, J.W., Fortman, S.P., Maccoby, N., Haskell, W.L., Williams, P.T., Flora, J.A., Taylor, C.R., Brown, B.W., Solomon, D.S., & Hulley, S.B. (1985). The Stanford five city project: design and methods. <u>American Journal of Epidemiology</u>, 122, 232-334.
- Feltz, D.L., & Riessinger, C.A. (1990). Effects of in vivo emotive imagery and performance feedback on self-efficacy and muscular endurance. <u>Journal of Sport and Exercise Psychology</u>, 12, 132-143.
- Fielding, J.E. (1982). Effectiveness of employee health improvements programs. <u>Journal of Occupational Medicine</u>, 12, 358-381.(24), 907-916.
- Filteau, S.M., Menzies, R.A., Kaido, T.J., & O' Grady, M.P. (1992). Effects of exercise on immune functions of undernourished mice. <u>Life-Sciences</u>, <u>51</u>, 565-574.
- Fishbein, M., & Ajzen, I. (1975). <u>Beliefs, attitudes, intention, and behavior: An introduction to theory and research</u>. Reading, Mass. Addison-Wesley.
- Flay, B.R., (1987). Selling the smokless society (APHA Public Health Practice Series). American Public Health Association. Washington, DC

- Frewen, S., Schomer, H., Dunne, T. (1994). Health Belief Model interpretation of compliance factors in a weight loss and cardiac rehabilitation programme. South African Journal of Psychology, 24(1), 39-43.
- Fuchs, R. (1995). Causal models of physical exercise, participation testing the predictive power of the construct: pressure to change. <u>Journal of Applied Social Psychology.</u>
- Fuchs, R. & Schwarzer, R. (1994). Self-Efficacy and Health Behaviours. In M. Conner and P. Norman (Eds.), <u>Predicting health behaviour: Research and practice with social cognition models</u>, Open University Press, Buckingham, Philadelphia.
- Garcia, M.E., Schmitz, J.M., & Doerfler, L.A. (1990). A fine grained analysis of self-efficacy in self-initiated attempts to quit smoking. <u>Journal of Consulting and Clinical Psychology</u>, 58(3), 317-322.
- George, L.K. (1978). 'The Impact of Personality and Social Status Factors upon Levels of Activity and Psychological Well-being. <u>Journal of Gerontology</u>, 33(6), 840-847.
- Giles, G.G., Hill, D.J, & Silver, B, (1991). The lung cancer epidemic in Australia 1920-1989. <u>Australian Journal of Public Health</u>, 15(3), 245-247.
- Glanz, K., Lewis, F.M., & Rimer, B.K. (Eds.). (1990). <u>Health Behaviour and Health Education</u>. San Francisco, CA: Jossey-Bass.
- Goldberg, D.P. (1972). <u>The detection of psychiatric illness by questionnaire</u>. London: Oxford University Press.
- Goldberg, D.P. (1977) Manual of general health questionaire. Berks: Nelson Publishing Company.
- Goldberg, D.P., & Hiller, V.F. (1979) . A scaled version of the General Health Questionnaire. <u>Psychological Medicine</u>, 9, 139-145.
- Goldberg, D.P., & Williams, P. (1988). A user's guide to the General Health Questionnaire. Windsor, Berkshire: NFER-Nelson.

- Goldberg, D.P., Kay, C., & Thompson, L. (1976). Psychiatric morbidity in general practice and the community. <u>Psychological Medicine</u>, 6, 565-569.
- Gortmaker, S., Dietz, W., Sobol, A., & Wehler, C. (1987). Increasing pediatric obesity in the United States. <u>American Journal of Diseases in Children</u>, 141, 535-540.
- Green, L.W. (1974). Toward cost-benefit evaluations of health education: some concepts, methods and examples. <u>Health Education Monographs</u>, 2, 34-64.
- Greenberg, J. (1981). A study of stressors in college students. <u>Health Education</u>, <u>12</u>, 8-12.
- Haines, A., Patterson, D., Rayner, M., & Hyland, K. (1992). Prevention of cardiovascular disease. Occas Pap R Coll General Pract, 58, 67-78.
- Hallal, J.C. (1982). The relationship between health beliefs, health locus of control and self concept to the practice of breast self-examination in adult women. Nursing Research, 31, 137-142.
- Hase, S. (1992). Health behaviour following myocardial infarction. Unpublished thesis for master's (Psych), University of New England, Australia.
- Haskel, W.L. (1984). Overview: Health benefits of exercise. In J.D. Matarrazzo, S.M. Weiss, J.A. Herd, W.E. Miller & S.M. Weiss (Eds.), <u>Behavioral health: a handbook of health enhancement and disease prevention</u>. New York: Wiley.
- Hertog, J., Finnegan, J., Rooney, B., & Viswanath, K. (1993). Self-efficacy as a target population segmentation strategy in a diet and cancer risk reduction campaign. Health-Communication, 5(1), 21-40.
- Hickey, M.L., Owen, S.V., & Froman, R.D. (1992). Instrument development: Cardiac diet and exercise self-efficacy. <u>Nursing Research</u>, 41(6), 347-351.
- Hill, R. (1978). 'Internality: an Educational Imperative'. <u>Humanistic Psychology</u>, <u>Summer 18(3)</u>, 43-57

- Hill, D.J., White, V.M., & Gray, N. (1991). Australian patterns of tobacco smoking in 1989. The Medical Journal of Australia, 154, 17, 797-801.
- Hofstetter, C., Hovell, M., Sallis, J. (1990). Social Learning Correlates of exercise self-efficacy: Early Experiences with physical activity. <u>Social Science and Medicine</u> 31(10) 1169-1176
- Houpt, J.L., Orleans C.S., George L.K., & Brodie H.K. (1980). The role of Psychiatric and behavioural factors in the Practice of Medicine: <u>American Journal of Psychiatry</u>, 137 (1), 37-47.
- Huppert, F.A., Walters, D.E., Day, N.E., & Elliott, B.J. (1989). The factor structure of the GHQ: a reliability study on 6317 community residents. <u>British Journal of Psychiatry</u>, 155, 178-185.
- Jackson, L.D. (1994). Maximising treatment adherence among back pain patients: An experimental study of the effects of physician related cues in written medical messages. Health Communication, 6(3), 173-191.
- Janz, N.K., & Becker, M.H. (1984). The Health Belief Model: A Decade Later. Health Education Quarterly, 11(1), 1-47.
- Jeffrey, R.W. (1988). Dietary risk factors and their modification in cardiovascular disease. Journal of Consulting and Clinical Psychology, 56(3), 350-357.
- Jeffrey, D.B., & Katz, R.C. (1977). <u>Take it off and keep it off</u>. Englewood Cliffs, NJ: Prentice-Hall.
- Jenkins, C.D. (1988). Epidemiology of cardiovascular disease. <u>Journal of Consulting</u> and Clinical Psychology, <u>56(3)</u>, 324-332.
- Jette, A.M., Cummings, K.M., Brock, B.M., (1981). The structure and reliability of health belief indices. Health Serv Res, 16, 81-98,.
- Kamen, L.P., & Seligman, M.E.P. (1989). Explanatory style and health. In M. Johnston and T. Marteau (Eds.), <u>Applications in Health Psychology</u>. New Brunswick, N.J.: Transaction.

- Kasl, S., & Cobb, S. (1966). Health behavior, illness behavior, and sick role behavior. Health and illness behavior. <u>Archives of Environmental Health</u>, 12, 246-266; 531-541.
- King, N.J., & Remenyi, A. (1986). <u>Health Care: A behavioural approach</u>. Sydney: Grune & Stratton.
- King, A.C., Taylor, C.B., Haskell, W.L. & DeBusk, R.F. (1988). Strategies for increasing early adherence to and long-term maintenance of home-based exercise training in healthy middle-aged men and women. <u>American Journal of Cardiology</u>, 61, 628-632.
- King, H., Taylor, R., Zimmet, P., Pargeter, K., Raper, L.R., Beriki, T., & Tekanene, J. (1984). Non -insulin dependent diabetes (Niddm) in a newly independent Pacific Nation: The Republic of Kiribati. <u>Diabetes Caree</u>, 7, 409-415.
- King, J.B. (1982). The impact of patient's perceptions of high blood pressure on attendence at screening: an extension of the health belief model, <u>Social Science</u> and <u>Medicine</u>, <u>16</u>, 287-312.
- Klesges, R.C., Eck, L.H., Isabell, T.R., Fulliton, W., & Hanson, C.L. (1990). The effects of smoking status on the dietary intake, physical activity, and body fat of adult men. American Journal of Clinical Nutrition, 51, 784-789.
- Knopf, A., & Wakefield, J. (1974). Effect of medical education on smoking behaviour. British Journal of Social and Preventive Medicine, 28, 246-251.
- Laffrey, S.C., & Isenberg, M. (1983). The relationship of internal locus of control, value placed on health, perceived importance of exercise and participation in physical activity during leasure. <u>International Journal of Nursing Studies</u> 20, 187-96.
- Langlie, J. (1977). Social networks, health beliefs and preventive health behaviour. Journal of Health and Social Behaviour, 18, 244-260.
- Larkin, F.A., Basiotis, P.P., Riddick, H.A., Sykes, K.E., & Pao, E.M. (1990). Dietary patterns of women smokers and non smokers. <u>Journal of American Diet Association</u>, 90, 230-237.

- Lawrance, L. (1989). Validation of a Self-Efficacy Scale to predict adolescent smoking. <u>Journal of Health Education Research</u>, 4(3), 351-360.
- Levenson, H. (1974). Activism and powerful others: Distinction within the concept of internal-external control. <u>Journal of Personality Assessment</u>, 38, 377-383.
- Leventhal, H., Meyer, D., & Guttman, M. (1980). The role of theory in the study of compliance to high blood pressure regimens. In R. Haynes, M, Mattson., & T. Engebretson, Jr., (Eds.), Patients compliance to prescribed antihypertensive medication regmens: A report to the National Heart, Lung and Blood Institute. Bethedsa, MD: N&H Publication: S1-2102.
- Levy, R.L., & Richey, C.A. (1988). Measurement and research design. In E.A. Blechman & K.D. Brownell (Eds.), <u>Handbook of Behavioral Medicine for Women</u>, (421-438).
- Levy, S.M. (1985). <u>Behavior and Cancer. Lifestyle and psychosocial factors in the initiation and progression of cancer.</u> San Francisco: Jossey-Bass.
- Lin, E.H., & Peterson, C. (1990). Pessimistic explanatory style and response to illness. Behaviour Research Therapy, 28, 243-248.
- Lindsay, J. (1986). Validity of the General Health Questionaire in detecting psychiatric disturbance in amputees. <u>Journal of Psychosomatic Research</u>, 30, 277-81.
- Lockett, D.M., & Campbell, J.F. (1992). The effects of aerobic exercise on migraine. Headache, 26, 343-352.
- Logue, A.W.(1991). The psychology of eating and drinking: An introduction (2nd Ed.). New York: Freeman.
- Long, B.C., Haney, C.J., (1988). Long-term follow-up of stressed working women: A comparison of aerobic exercise and progressive relaxation. <u>Journal of Sport and Exercise Psychology</u>, 10(4), 461-470.
- Maddux, J.E. (1993). Social cognitive models of health and exercise behaviour: An introduction and review of conceptual issue: The application of social

- psychological theories to health and exercise. <u>Journal of Applied Sport Psychology</u>; <u>5(2)</u>, 116-140.
- Marks, B.L., Perkins, k.A., Metz, K.F., Epstein, L.H., Robertson, R.J., Goss, F.L., & Sexton, J.J. (1991). Effects of smoking status on content of caloric intake and energy expenditure. <u>International Journal of Eating Disorders</u>, 10, 441-449.
- Marlatt, G.A., & Gordon, J.R. (Eds.). (1985). <u>Relapse prevention: Maintenance</u> strategies in the treatment of addictive behaviors. New York: Guilford.
- Marlatt, G.A., Baer, J.S., & Quigley, L.A. (1994). Self-efficacy and addictive behavior. <u>In A.Bandura (Ed.) Self-efficacy in changing societies</u>. Marbach: Johann. Jacobs Foundation.
- Marshall, G. (1991). A multidimensional analysis of internal health locus of control beliefs: Separating the wheat from the chaff. <u>Journal of Personality and Social Psychology</u>, <u>16</u>, 483-491.
- Matarazzo, J.D. (1980). Behavioural health and behaviour medicine: Frontiers for a new health psychology. <u>American Psychologist</u>, 35, 807-817.
- McAuley, E. (1992). The role of efficacy cognitions in the prediction of exercise behavior of middle-aged adults. <u>Journal of Behavioral Medicine</u>, <u>15</u>, 65-88.
- McAuley, E. (1993). Self-efficacy and the maintenance of exercise participation in older adults. Journal of Behavioral Medicine, 16, 103-113.
- McAuley, E., & Courneya, K.S. (1992). The subjective exercise experiences scale (SEES): Development and preliminary validation. <u>Journal of Sport and Exercise Psychology</u>, 16,(2), 163-177.
- McAuley, E., Lox, C., & Duncan, T.E. (1993). Long term maintenance of exercise, self-efficacy and physiological change in older adults. <u>Journal of Gerontology</u>, 48(4), 218-224.
- McCann, I.L., & Holmes, D.S. (1984). Influence of aerobic exercise on depression. Journal of personality and Social Psychology, 46, 1142-1147.

- McGuire, W.J. (1968). The nature of attitudes and attitude change. In G. Lindzez and E. Aronson (Eds.), <u>Handbook of Social Psychology</u>. Reading Mass Addison-Wesley.
- McLennan, P.L. Abeywardena MY, Charnock, J.S (1990). Reversal of the arrhythmogenic effects of long-term saturated fatty acid intake by dietary n-3 and n-6 polyunsaturated fatty acids. Am J Clin Nutr, 51, 53-58.
- McLeroy, K.R., Steckler, A.B., Simons-Mortan, B., Goodman, R.M., Gottlieb, N., & Burdine, J.N. (1993). Social science theory in health education: Time for a new model? <u>Health Education Research</u>, <u>8</u>, 305-312.
- McPhillps, J.B., Eaton, C.B., Gans, K.M., Derby, C.A., Lasater, T.M., McKenney, J.L., Carleton, R.A. (1994). Dietary differences in smokers and non smokers from two southeastern New England communities. <u>Journal of American Diet Association</u>, 94(3), 287-292.
- Miller, W.J., & Stephens, T. (1987). The prevalence of overweight and obesity in Britain, Canada, and United States. <u>American Journal of Public Health</u>, 77, 38-41.
- Miller, P.J., Ross, S.M. Emmerson, R.Y., & Todt, E.H. (1989). Self-efficacy in alcoholics: Clinical validation of the Situational Confidence Questionaire. Addictive Behaviours, 14, 217-224
- Morabia, A., & Wynder, E.L. (1990). Dietary habits of smokers, people who never smoked, and exsmokers. <u>American Journal of Clinical Nutrition</u>, 52, 933-937.
- Morgan, W.P. (1979). Anxiety reduction following acute physical activity. <u>Psychiatry</u> <u>Annals</u>, <u>9</u>, 141-147.
- Morgan, W.P., & Goldston, S.E. (1987). Exercise and mental health. New York: Hemisphere.
- Murray, P.J. (1989). Rehabilitation information and health beliefs in the post-coronary patient: Do we meet their information needs? <u>Journal of Advanced Nursing</u>, 14, 686-693.

- National Heart Foundation of Australia (1988). Smoking and Heart Disease. National Heart Foundation's National Smoking and Heart Disease Advisory Committee. National Heart Foundation.
- National Heart Foundation. (1992a). Regression of Atherosclerosis. <u>National Heart</u> Foundation of Australia.
- National Heart Foundation. (1992b). Diet and coronary heart disease: A position statement. National Heart Foundation of Australia.
- National Research Council., (1989). <u>National Academy of Sciences, N.R.C. Diet and Health: Implications for reducing chronic disease risk</u>. Washington DC: National Academy Press.
- Nelson, G.E.(1989). <u>Biological Principles with human applications (3rd Ed)</u>. New York: Wiley
- Nisbett, R.E., & Wilson, T.D. (1977). Telling more than we can know: Verbal reports on mental processes. <u>Psychological Review</u>, <u>84(3)</u>, 231, 259.
- Nissel, M. (1980). Women in government statistics: basic concepts and assumptions, Equal Opportunities Commission. Research Bulletin, 4, 5-28.
- Norman, P. (1990). Social learning theory and prediction of attendance at screening. Psychology and Health, 80, 1-28.
- Norman, P., & Bennett, P. (1996). Health locus of control. In M. Conner and P. Norman (Eds.), <u>Predicting health behavior</u>, (62-94). Open University Press: Buckingham, Philadelphia.
- Norman, P., & Conner, M. (1993). The role of social cognition models in predicting attendance at health checks. <u>Psychology and Health</u>, 8(6), 447-462.
- Nowack, K.M. (1989). Coping style, cognitive hardiness, and health status. <u>Journal</u> of Behavioural Medicine, 12, 145-158.

- NSW Department of Health. (1984). Smoking and the workplace: A resource manual. NSW Department of Health, Quit for Life Project, State Health Publication No. (NMR) 84-058, 23.
- O'Connel, J.K., & Price, J.H. (1982). Health locus of control of physical fitness program participants. <u>Perceptual and Motor Skills</u>, <u>55</u>, 925-926.
- Oakley, A., & Oakley, R. (1979). Sexism in official statistics. In J. Irvine, I. Miles, and J. Evans (Eds.), <u>Demystifying social statistics</u>. London: Pluto Press.
- Oldenburg, B., Perkins, R.J., & Andrews, G. (1985). Controlled trial of psychological intervention in myocardial infarction. <u>Journal of Consulting and Clinical Psychology</u>, 53(6), 852-859.
- Pender, N.J. (1982). <u>Health Promotion in Nursing Practice</u>. Norwalk, Connecticut: Appleton-Century-Crofts.
- Peterkin, B.B. (1990). Dietary guidelines for Americans, 1990 edition. <u>Journal of American Diet Association</u>, 90(12), 1725-1727.
- Polivy, J., & Herman, C.P. (1991). Good and bad dieters: Self-perception and reaction to a dietary challenge. <u>International Journal of Eating Disorders</u>, 10(1), 91-99.
- Pollock, M.L., Wilmore, J.H., & Fox, S.M. (1978). <u>Health and fitness through physical activity</u>. New York: John Wiley & Sons.
- Pomery S.M., (1988). Dietary advice to patients for lowering Plasma Cholesterol. Notes on Cardiovascular Diseases National Heart Foundation 23 (3), 9-12.
- Power, M.J. (1988). The worst ever version of the General Health Questionnaire. <u>Journal of Clinical Psychology</u>, 44, 215-216.
- Puska, P., Nissinen, A., Tuomiheto, J., Salonen, J.T., Mcalister, A., Kottke, T.E., Maccoby, N., & Farquhar, J.W. (1985). The community-based strategy to prevent coronary heart disease: Conclusions from the ten years of the North Karelia Project. <u>Annual Review of the Public Health</u>, 6, 147-193.

- Rabinowitz, S., Melamed, S., Weisberg, E., Tal, D., & Ribak, J. (1992). Personal determinants of leisure-time exercise activities. <u>Perceptual and Motor Skills</u>, 75(3), 779-784.
- Ransford, H.E. (1986). Race, Heart disease worry and health protective behaviour. Social Science and Medicine 22. 1355-1362.
- Rimberg, H.M., & Lewis, R.J. (1994). Older adolescents and AIDS: Correlates of self-reported safer sex practices. <u>Journal of Research on Adolescence</u>, <u>4(3)</u>, 453-464.
- Robinson, R.G., & Price, T.R. (1982). Post-stroke depressive disorders: A follow up study of 103 patients, <u>Stroke</u>, <u>13(5)</u>, 635-41.
- Rosen, T.J., & Shipley, R.H. (1983). A stage analysis of self-initiated smoking reductions. Addictive Behaviors, 8, 263-272.
- Rosenstock, I.M. (1966). Why people use health services. <u>Millbank Memorial Fund</u> Quarterly, 44, 94-127.
- Rosenstock, I.M. (1974). Historical origins of the health belief model. <u>Health</u> Education Monographs, 2, 328-335.
- Rosenstock, I.M. (1988). Adoption and maintenance of lifestyle modifications. American Journal of Preventative Medicine, 4(6), 349-352.
- Rosenstock, I.M., Strecher, V.J., & Becker, M.H. (1988): Social learning and the health belief model. <u>Health Education Quarterly</u>, <u>Sum15(2)</u>, 175-183.
- Rotter, J.B. (1966). Generalised expectancies for internal versus external control of reinforcement. <u>Psychological Monographs</u>, <u>80</u> (1, Whole No 609).
- Rotter, J.B. (1954). <u>Social learning and clinical psychology</u>. Englewood Cliffs, NJ: Prentice-Hall.
- Rundall, T.G., & Wheeler, J.R.C. (1979). The effect of income on use of preventive care: An evaluation of alternative explanations. <u>Journal of Health and Social Behaviour</u>, 20, 397-406.

- Sallis, J.F., Hovell, M.F., Hofstetter, C.R., & Barrington, E. (1992). Explanation of vigorous physical activity during two years using social learning variables. Social Science and Medicine, 34, 25-32.
- Sallis, J.F., Pinski, R.B., Grossman, R.M., Patterson, T.L., Nader, P.R. (1988). The development of self-efficacy scales for health-related diet and exercise behaviors. <u>Health Education Research</u>, 3(3), 283-292.
- Sallis, J.F., Haskell, W.L., Fortmann, S.P., Vranizan, K.M. (1986). Predictors of adoption and maintenance of physical activity in a community sample. <u>Preventive Medicine</u>, 15, 331-341.
- Schunk, D.H., & Carbonari, J.P. (1984). Self-efficacy models. In J.D. Matarazzo, S.M. Weiss, J.A. Herd, N.E. Miller, and S.M. Weiss (Eds.), <u>Behavioural Health</u> New York, John Wiley & Sons, Inc, 1984.
- Schwarzer, R., & Fuchs, R. (1996). Self-efficacy and health behaviours. In M. Conner, and P. Norman (Eds.), Predicting health behaviour: Research and practice with social cognition. (pp. 163-197). Open University Press. Buckingham. Philadelphia.
- Seeman, M., & Seeman, T.E. (1983). Health behaviour and personal autonomy: A longitudinal study of the sense of control in illness. <u>Journal of Health and Social</u> Behaviour, 24, 144-160.
- Segall, M.E., & Wynd, C.A. (1990). Health conception, health locus of control, and power as predictors of smoking behavior change. <u>American Journal of Health Promotion</u>, 4(5), 338-344.
- Shaper, A.G. (1988). <u>Coronary Heart Disease: Risks and Reasons</u>. London: Current Medical Literature.
- Shaw, J.M., Dzewaltowski, D.A., & McElroy, M. (1992). Self-Efficacy and causal attributions as mediators or perceptions of psychological momentum. Journal of Sport and Exercise Psychology, 14, 134-47.

- Sheeran, P. & Abraham, C. (1996). Health Belief Model. In M. Conner & P. Norman (Eds.), <u>Predicting Health Behaviour Research and Practice with Social Cognition Models</u> (23-62). Open University Press Buckingham: Philadelphia
- Sheeran, P. & Abraham, C. (1992). The Health Belief Model. In M. Conner & P. Norman (ed). <u>Predicting Health Behaviour Research and Practice with Social Cognition Models</u>. Open University Press Buckingham. Philadelphia.
- Shephard, R.J., Verde, T.J., Thomas, S.G., & Sheke, P. (1991). Physical activity and the immune system. <u>Canadian Journal of Sport Sciences</u>, 16, 169-185.
- Sherer, M., Maddux, J.E., Mercandante, B., Prentice-Dunn, S., Jacobs, B., and Rogers, R.W. (1982). The self-efficacy scale: Construction and Validation. Psychological Reports, 51, 663-671.
- Sheridan, C.L., & Radmacher, S.A. (Ed.). (1992). <u>Health Psychology: Challenging</u> the bio medical model. New York, US: John Wiley & Sons.
- Shipley, R.H. (1981). Maintenance of smoking cessation: Effect of follow-up letters, smoking motivation, muscle tension, and health locus of control. <u>Journal of Consulting and Clinical Psychology</u>, <u>49</u>, 982-984.
- Siegal, D., Grady, D., Browner, W.S., & Hulley, S.B. (1988). Risk factor modification after myocardial infarction. <u>Annals of Internal Medicine</u>, <u>109</u>, 213-218.
- Simon, K.J. & Das, A. (1984). An application of the Health Belief Model toward Educational Diagnosis for VD education. <u>Health Education Quarterly</u> 11(4), 403-418.
- Simons, A., Solbach, P., Sargent, J., & Leslie, M. (1986). A wellness program in the treatment of headache. <u>Headache</u>, <u>26</u>, 343-352.
- Skelton, A.M., Murphy, E.A., Murphy, R.J., & O'Dowd, T.C. (1995). Patient education for low back pain in general practice. Special Issue: Current perspectives on Gps and clinical health promotion. <u>Patient Education and Counseling</u>, 25(3), 329-334.

- Slenker, S.E., Price, J.H., & O'Connell, J.K. (1985). Health locus of control of joggers and non-exercisers. <u>Perceptual and Motor Skills</u>, 61(1), 323-328.
- Sogaard, A.J., & Fonnebo, V. (1992). Self-reported change in health behaviour after a mass media-based health education campaign. <u>Addictive Behaviours</u>, 16(6), 381-388.
- Speake, D.L., Cowart, M.E., & Pellet, K. (1989). Health perceptions of the elderly. Research in Nursing and Health, 12, 93-100.
- Sperry, J.M., & Nicki, R.M. (1991). Cognitive appraisal, self-efficacy, and cigarette smoking behaviour. <u>Scandinavian Journal of Psychology</u>, 33(2), 125-134.
- Smith, F., (1988). 75% with virus will get AIDs, study says. Philadelphia inquirer, P/A
- Stebner, C.M., Vernetti, J.P., & Gillard, H.F. (1972). Physical fitness for the prevention of coronary attacks. <u>Journal of the American Dental Association</u>, 85, 627-633.
- Steffy, R.A., Meichenbaum, D., & Best, J.A. (1970). Aversive and cognitive factors in the modification of smoking behavior. <u>Behavior Research and Therapy</u>, 8, 115-125.
- Steptoe, A., Sanderman, R., & Wardle, J. (1995). Stability and changes in health behaviours in young adults over a one year period. <u>Psychology and Health</u>, 10(2), 155-169.
- Steinmetz, K.A., Kushi, L.H., Bostik, R.M., Folsom, A.R., & Potter, J.D. (1994). Vegetables, fruit and colon cancer in the Iowa Women's Health Study. <u>American Journal of Epidemiology</u>, 139(1), 1-5.
- Stotland, S., & Zuroff, D.C. (1991). Relations between multiple measures of dieting self-efficacy and weight change in a behavioral weight control program. Behavior Therapy, 22(1), 47-59.
- Strecher, V.J., DeVellis, B.M., Becker, M.H., & Rosenstock, I.M. (1986). The role of self-efficacy in achieving health behaviour change. <u>Health Education</u> Quarterly, 13(1), 73-92.

- Strickland, B.R. (1978). Internal-external expectancies and health related behaviors. Journal of Consulting and Clinical Psychology, 46, 1192-1211.
- Stuart, K., Borland, R., McMurray, N. (1994). Self-efficacy, health locus of control, and smoking cessation. <u>Addictive Behaviours</u>, 19(1), 1-12.
- Tipton, R.M., & Worthington, E.L., (1984). The measurement of generalized self-efficacy: a study of construct validity. <u>Journal of Personality Assessment</u>, 48(5), 545-548.
- Tonkin, A. (1988). Cardiovascular risk factors and mortality. <u>The Medical Journal</u>
  Australia, 148, 57-58.
- Toshima, M.T., Kaplan, R.M., & Ries, A.L. (1990). Experimental evaluation of rehabilitation in chronic obstructive disease: Short-term effects on exercise endurance and health status. <u>Health Psychology</u>, 9(3), 237-252.
- Tuson, K.M., & Sinyor, D. (1993). On the affective benefits of acute aerobic exercise: taking stock after twenty years of research. In P. Seragnanian (Ed.), Exercice psychology: the influence of physical exercise on psychological processes. New York: John Wiley & Sons, Inc.
- U.S. Department of Health and Human Services. (1989). Reducing the health consequences of smoking-25 years later-a report of Surgeon General. (Publication No. PHS 89-8411). Rockville, MD: U.S. Dept. of Health and Human Services.
- Ursin, G., Ziegler, R.G., Subar, A.F., Graubard, B.I., Haile, R.W. & Hoover, R. (1993). Dietary Patterns associated with a low fat diet in the national health examination follow up study identification of potential confounders for epidemiological analysis. <u>American Journal of Epidemiology</u>, 15, 137 (8): 916-27.
- Verbrugge, L.M. (1979). Female illness rates and illness behaviour: Testing hypotheses about sex differences in health. Women and Health, 4(1), 61-75.
- Vieweg, B.W., & Hedlund, J.L. (1983). The General Health Questionnaire: A comprehensive review. <u>Journal of Operational Psychiatry</u>, 64, 76-81.

- Vishwanath, K., Kahn, E., Finnegan, J.R., Hertog, J., et al. (1993). Motivation and the knowledge gap: Effects of a campaign to reduce diet-related cancer risk. Special Issue: The role of communication in health promotion. <u>Communication Research</u>, 20(4), 546-563.
- Waldron, I.(1988). Gender and health related behavior. In D. S. Gochman (Ed.) <u>Health Behavior: emerging research perspectives</u>, (193-208). New York: Plenum Press.
- Wallston, K.A. (1992). Hocus-pocus, the focus isn't strictly on locus: Rotter's social learning theory modified for health. <u>Cognitive Therapy and Research</u>, <u>16</u>, 183-199.
- Wallston, K.A., Maides, S., & Wallston, B.S. (1976). Health related information seeking as a function of health related locus of control and health value. <u>Journal of Research in Personality</u>, 10, 215-222.
- Wallston, B.S., Wallston, K.A., Kaplan, G.D., & Maides, S.A. (1976). Development and Validation of the Health Locus of Control Scale. <u>Journal of Consulting and Clinical Psychology</u>, 44, 580-585
- Wallston, K.A., & Wallston, B.S. (1978). Locus of control and Health: a review of the literature. Health Education Monographs, 6, 107-117.
- Wallston, K.A., & Wallston, B.S. (1981). Health locus of control scales. <u>In</u>
  <u>Lefcourt, H M. (ed) Research with the health locus of control construct</u>. New
  York: Academic Press.
- Wallston, K.A., & Wallston, B.S. (1982). Who is responsible for your health? The construct of health locus of control. <u>In G.S. Sanders, G. and J. Suls, Social Psychology of Health and Illness</u>. Hillsdale: Erlbaum.
- Wallston, K.A., Wallston, B.S., & DeVellis, R. (1978). Development of the Multidimensional Health Locus of Control (MHLC) Scales. <u>Health Education</u> <u>Monographs</u>, 6, 160-170.
- Wardle, J., Marsland, L., Sheikh, Y., Quinn, M. et al, (1992). Eating style and eating behaviour in adolescent. <u>Appetite</u>, 18(3), 167-183.

- Warr, P. (1978). 'A Study of Psychological Well-being'. <u>British Journal of Psychology</u>, 69, 111-121.
- Weinberg, R.S., Grove, R., & Jackson, A. (1992). Strategies for building self-efficacy in tennis players: a comparative analysis of Australian and American coaches. Sport Psychologist, 6, 3-13.
- Weinberg, R.S., Gould, D., Yukelson, D., & Jackson, A. (1981). The effect of preexisting and manipulated self-efficacy on competitive muscular endurance task. Journal of Sport Psychology, 4, 345-354.
- Weinberg, R.S., Yukelson, D., & Jackson, A. (1980). Effects of public and private efficacy expectations on competitive performance. <u>Journal of Sport Psychology</u>, 2, 340-349.
- Weinberg, R.S., Gould, D., & Jackson, A. (1979). Expectations and performance:an empirical test of Bandura's self-efficacy theory. <u>Journal of Sport Psychology</u>, 1, 320-331.
- Weinberger, M., Greene, J.Y., Mamlin, J.J., & Jerin, J.J. (1981). Health beliefs and smoking behaviour. <u>American Journal of Public Health</u>, 71, 1253-1255.
- Weiss, K. (1984). <u>Women's Health Care-A Guide to Alternatives</u>. Reston, VA: Reston Publishing Co.
- Weiss, S.M. (1984). Community health promotion demonstration programs: Introduction. In J.D. Matarazzo, S.M. Weiss, J.A. Herd, N.E. Miller, and S.M. Weiss (Eds.), Behavioral health: A handbook of health enhancement and disease prevention (pp.1137-1139). New York: Wiley.
- Weiss, M.R., Wiese, D.M., Klint, K.A. (1989). Head over heels with success: the relationship between self-efficacy and performance in competitive youth gymnastics. Journal of Sport and Exercise Psychology, 11, 444-451.
- Weissfeld, J.L., Kirscht, J.P., & Brock, B.M. (1990). Health beliefs in a population: The Michegan Blood Pressure Survey. <u>Health Education Quarterly</u>, <u>17(2)</u>, 141-155.

- Werry, (1986). Physical illness simptoms and allied disorders. In H.C. Quay and J.S. Werry (Eds.), <u>Psychopathological disorders of childhood (3rd Ed.)</u>. New York: Wiley.
- Wiesner, D. (1992). <u>Your Health, Our World: The Impact of Environmental Degradation on Human Wellbeing</u>. The Guerusey Press Ltd, The Chanels Island.
- Winefield, H.R., Goldney, R.D., Winefield, A.H., & Tiggemann, M. (1989). The General Health Questionnaire's reliability and validity for Australian Youth. Australian and New Zealand Journal of Psychiatry, 23, 53-58.
- Winnet, R.A. (1985). Ecobehavioral assessment in health life-styles: Concepts and methods. <u>In P. Karoly (Ed.)</u>, <u>Measurement Strategies in Health Psychology</u> (147-181). Chichester: Wiley,.
- Wojcik, J.V. (1988). Social learning predictors of the avoidance of smoking relapse.

  <u>Addictive Behaviours</u>, 13(2) 177-180
- World Health Organisation (1982). <u>Prevention of Coronary Heart Disease.</u> A report of a WHO Expert Committee. Technical Report Series No. 678, Geneva: WHO.
- World Health Organisation (1990). WHO Study Group. Diet, nutrition, and the prevention of chronic diseases, Geneva: (WHO Tech Rep Ser No. 797).
- Wurtele, S.K., & Maddux, J.E. (1987). Relative contributions of pretection motivation theory components in predicting exercise intentions and behavior. Health Psychology, 6, 453-466.
- Wurtele, S.K., Britcher, J.C., & Saslawsky, D.A. (1985). Relationships between locus of control, health value and preventive health behaviours among women. Journal of Research and Personality, 19, 271-278.
- Zaldivar, R.A.(1993). <u>Polls finds Americans fatter, more stressed out</u>. Philadelphia Enquirer. A1, A11.

Zimmerman, R.S., & Olson, K. (1994). AIDS-related risk behavior and behavior change in a sexually active, heterosexual sample: A test of three models of prevention. <u>AIDS-Education and Prevention</u>, <u>6(3)</u>, 189-204.

## APPENDIX A

# FORMS AND QUESTIONNAIRES

#### PROJECT ON HEALTH BEHAVIOURS AND HEALTH

My name is Sabuh Adhami and I am currently doing my Masters in Psychology at the University of New England, Armidale. I am writing to you to invite you to participate in my research project which is being supervised within the Department of Psychology by Dr Jagdish Dua.

I am interested in studying women's smoking, eating, and exercise habits and factors that predict these habits. Participants will be asked to complete questionnaires designed to assess their health; and their views on health; and their smoking, exercise and dietary habits. In addition, participants will be given some information on the relationship between healthy behaviours and health. One week later after the information provided to the participants, they will be asked to fill in the some of the similar set of questionnaires they had completed in the beginning of the project. Three months later participants will again be asked to complete the same questionnaires, which they completed at the beginning and of the project. On each occasion the questionnaires will require approximately 20 minutes to complete.

I would like to emphasise that your participation is voluntary and that you are free to withdraw from the project at any time. There shall be total confidentiality regarding identification of volunteers during and after the project.

If you have any questions you wish to ask about the study, please feel free to contact me on 722145 or Dr Dua on 732546. Your participation in this study would be most appreciated.

Please indicate your willingness to participate in the study by filling in your name in space below along with your age.

Many T	hanks
Sabun	Adhami

Name:

Age:

I (the participant) have read the information above any questions I have asked have been answered to my satisfaction. I agree to paricipate in this activity, realising that I may withdraw at any time. I agree that research data gathered for the study may be published, provided my name is not used.

Signature:	
MIZHALUI C.	

#### SCALE 'A'

I am interested in determining the degree to which you smoke, the type of food you eat and the degree to which you exercise. In relation to each I have given a number of statements. Please read each group of statements and indicate your smoking, eating and exercise behaviours by circling the answer next to the statement that best applies to you. Please give the answers which most accurately describe your smoking, eating and exercise behaviours or habits OVER THE LAST THREE MONTHS.

### A. SMOKING

The following is designed to determine the AVERAGE NUMBER OF CIGARETTES YOU SMOKED PER DAY OVER THE LAST THREE MONTHS. Given that these days cigarettes come in varying degrees of tar content. I would also like to know the tar content of the cigarettes you smoke. Please indicate your smoking habit by selecting one of the following statements about the cigarette smoked and then circling the tar content opposite that statement. For example, if on an average you smoke '5' cigarettes per day and the tar content of the cigarette you smoke is '8 mg' then circle the 'medium' opposite statement No 4. If you do not smoke at all, circle number '1' next to the statement "I do not smoke at all".

#### TAR CONTENT

	Low (upto 4 mg)	Medium (5 mg - 12 mg)	High (13mg & higher)
On an average, each day	(apro + 1125) .	(55 125)	(15mg & mgmor)
1. I do not smoke at all.	Low	Medium	High
2. I smoke 1 to 2 cigarettes.	Low	Medium	High
3. I smoke 3 to 5 cigarettes.	Low	Medium	High
4. I smoke 6 to 10 cigarettes.	Low	Medium	High
5. I smoke 11 to 15 cigarettes.	Low	Medium	High
6. I smoke 16 to 20 cigarettes.	Low	Medium	High
7. I smoke more than 20 cigarettes.	Low	Medium	High

#### B. DIET

#### a. Saturated Fats:

Things such as fatty meat, chicken skin, whole milk, cheese, and eggs contain saturated fats. Indicate the average intake of saturated fats in your diet per day OVER THE LAST THREE MONTHS, by circling the number next to the statement that best describes your saturated fat intake.

On an average, each day

- 1. My diet is completely free of saturated fats.
- 2. My diet has very little saturated fats.
- 3. My diet has some saturated fats.
- 4. My diet has quite a lot of saturated fats.
- 5. My diet has high amount of saturated fats.

#### b. Vegetable and Fruits:

Indicate your average intake of vegetables and fruits per day OVER THE LAST THREE MONTHS, by circling the number next to the statement that best describes your intake of vegetables and fruits.

On an average, each day

- 1. I eat high amount of vegetables and fruits.
- 2. I eat quite a lot of vegetables and fruits.
- 3. I eat some vegetables and fruits.
- 4. I eat very little vegetables and fruits.
- 5. I do not eat any vegetables and fruits.

## c. Wholegrains and cereals:

Indicate your average intake of wholegrains and cereals per day OVER THE LAST THREE MONTHS, by circling the number next to the statement that best describes your intake of wholegrains and cereals.

On an average, each day

- 1. I consume high amounts of wholegrains and cereals.
- 2. I consume quite a lot of wholegrains and cereals.
- 3. I consume some wholegrains and cereals.
- 4. I consume very little wholegrains and cereals.
- 5. I do not consume any wholegrains and cereals.

#### C. EXERCISE

Exercise is any physical activity like walking, swimming, cycling, jogging, aerobics, etc. engaged in for a continous amount of time. Given below are statements designed to determine your average daily exercise OVER THE LAST THREE MONTHS. Indicate your answers by circling the number next to the statement that best describes your exercise behaviour.

On an average, each day

- 1. I exercise for approximately 40 minutes a day for at least 5 days a week.
- 2. I exercise for approximately 40 minutes a day for 3 to 4 days a week.
- 3. I exercise for approximately 30 minutes a day for at least 5 days a week.
- 4. I exercise for approximately 30 minutes a day for 3 to 4 days a week.

- 5. I exercise for approximately 20 minutes a day for at least 5 days a week.
- 6. I exercise for approximately 20 minutes a day for 3 to 4 days a week.
- 7. I exercise for approximately 40 minutes a day for 1 to 2 days a week.
- 8. I exercise for approximately 30 minutes a day for 1 to 2 days a week.
- 9. I exercise for approximately 20 minutes a day for 1 to 2 days a week.
- 10. I engage in little or no exercise.

#### SCALE 'B'

#### **Instructions:**

Given below are a number of health related behaviours concerning smoking, diet, and exercise. For each of these categories indicate the behaviour you believe you can achieve in **THREE MONTHS TIME**. For each of the behaviours you have chosen please indicate on a scale of 0 to 100 the extent to which you believe you will be successful in achieving that behaviour in **THREE MONTHS TIME**.

0 indicates a very low belief in success and 100 indicates a very high belief; 60 would indicate a moderately high belief and 40 a moderately low belief.

For example if you believe that, in **THREE MONTHS TIME** you will be smoking, on an average, 3 to 5 cigarettes per day and that the average tar content of these cigarettes will be upto 4 mg, circle **'LOW'** against statement number 3 below. Indicate the confidence you have that you will be able to acheive this level of smoking (3-5 cigarettes per day) in **THREE MONTHS TIME** by marking a number 0 to 100 in the column titled **'Confidence'**.

#### A. SMOKING

#### TAR CONTENT

	Low Medium		High	Confidence
In three months time, on an average	(upto 4 mg	(5mg - 12 mg)	(13mg & high)	(0 to 100)
each day				
1. I will not be smoking at all				0100
2. I will Smoke 1 to 2 cigarettes	Low	Medium	High	0100
3. I will smoke 3 to 5 cigarettes	Low	Medium	High	0100
4. I will smoke 6 to 10 cigarettes	Low	Medium	High	0100
5. I will smoke 11 to 15 cigarettes	Low	Medium	High	0100
6. I will smoke 16 to 20 cigarettes	Low	Medium	High	0100
7. I will smoke more than 20 cigarettes	Low	Medium	High	0100

## **B. DIET:**

#### 1. Saturated Fats:

Things such as fatty meat, chicken skin, whole milk, cheese, and eggs contain saturated fats. Indicate the average dietary fat intake you will achieve per day in **THREE MONTHS TIME.** 

In three months time, on an average each day	CONI	FIDENCE
1. My diet will be completely free of saturated fats.	0	100
2. My diet will have very little saturated fats.	0	100
3. My diet will have some saturated fats.	0	100
4. My diet will have quite a lot of saturated fats.	0	100
5. My diet will have high amount of saturated fats.	0	100

## 2. Vegetables and Fruits:

Indicate your average intake of vegetables and fruits you will achieve per day in THREE MONTHS TIME by circling the number next to the statement that you think will apply to you in three months time . Also indicate your confidence in achieving this level by writing a number from 0 to 100 against the statement.

In three months time, on an average each day	CONFIDENCE
1. I will eat high amount of vegetables and fruits.	0100
2. I will eat quite a lot of vegetables and fruits.	0100
3. I will eat some vegetables and fruits.	0100
4. I will eat very little vegetables and fruits.	0100
5. I will not eat any vegetables and fruits.	0100

## 3. Wholegrains and cereals:

Indicate the average intake of wholegrains and cereals you will achieve per day each day in THREE MONTHS TIME, by circling the number next to the statement that you think will apply to you in three months time. Indicate your confidence in achieving this level by writing a number from 0 to 100 against the statement.

In three months time, on an average each day	CONFIDENCE
1. I will consume high amount of wholegrains and cereals.	0100
2. I will consume quite a lot of wholegrains and cereals.	0100
3. I will consume some wholegrains and cereals.	0100
4. I will consume very little wholegrains and cereals.	0100
5. I will not consume any wholegrains and cereals	0100

## C. EXERCISE:

Indicate the average daily exercise you will achieve per day each day in THREE MONTHS TIME, by circling the number next to the statement that you think will apply to you in three months time. Indicate your confidence in achieving this level by writing a number from 0 to 100 against the statement.

In three months time, on an average each day	CONFIDENCE
1. I will exercise for approximately 40 minutes a day for at least 5 days a week.	0100
2. I will exercise for approximately 40 minutes a day for at least 3 to 4 days a week.	0100
3. I will exercise for approximately 30 minutes a day for at least 5 days a week.	0100
4. I will exercise for approximately 30 minutes a day for at least 3 to 4 days a week.	0100
5. I will exercise for approximately 20 minutes a day for at least 5 days a week.	0100

6. I will exercise for approximately 20 minutes a day for at least 3 to 4 days a week.	0100
7. I will exercise for approximately 40 minutes a day for at least 1 to 2 days a week.	0100
8. I will exercise for approximately 30 minutes a day for at least 1 to 2 days a week.	0100
9. I will exercise for approximately 20 minutes a day for at least 1 to 2 days a week.	0100
10. I will engage in little or no exercise	0100

·

# SCALE 'C'

Please encircle the answer that best applies to you.

1. In the LAST THREE MONTHS how would you rate your physical health?

Very Bad	Bad	Neither Bad Nor Good	Good	Very Good
1	2	3	4	5

2. In the **LAST THREE MONTHS** how many times have you suffered from each of the following illness or symptoms of illness.

	Not At All	Once .	Two Times	Three Times	Four or MoreTimes
Injuries/Accident	1	2	3	4	5
Infections (Bacterial or Viral)	1	2	3	4	5
Respiratory Illness	1	2	3	4	5
Gastrointestinal Illness	1	2	3	4	5
Headaches, Migraines or Neurological Disorder	1	2	3	4	5
Cardio Vascular Illness	1	2	3	4	· 5
Miscellaneous other Symptomatology or illness	1	2	3	4	5

# SCALE 'D'

Please answer the following questions by circling the response which is most true for you.

1. How likely is it	that you will have bad h	nealth in the NEAR FUT	URE?
Very Likely	Fairly Likely	Not Likely At All	
2. How concerned a	are you about having ba	d health in the NEAR F	UTURE?
Very Concerned	Fairly Concerned	A Little Concerned	Not Concerned At All
3. How serious is it	to have bad health in th	ne NEAR FUTURE?	
Very Serious	Fairly Serious	A Little Serious	Not Serious At All
4. How likely is it th	at you will have bad he	alth in the <b>DISTANT F</b>	UTURE?
Very Likely	Fairly Likely	A Little Likely	Not Likely At All
		·	
5. How concerned are	e you about having bad	health in the DISTANT	FUTURE?
Very Concerned	Fairly Concerned	A Little Concerned	Not Concerned At All
6 How serious is it to	have had health in the	DISTANT FUTURE?	

A Little Serious

Fairly Serious

Very Serious

Not Serious At All

# THE GENERAL HEALTH QUESTIONNAIRE

# **GHQ 28**

# **David Goldberg**

#### Please read this carefully.

We should like to know if you have had any medical complaints and how your health has been in general, over the past few weeks. Please answer ALL the questions on the following pages simply by underlining the answer which you think most nearly applies to you. Remember that we want to know about present and recent complaints, not those that you had in the past.

It is important that you try to answer ALL the questions.

Thank you very much for your co-operation.

I nank you very much for your co-operation.								
Have you recently								
A1 – been feeling perfectly well and in good health?	Better	Same	Worse	Much worse				
	than usual	as usual	than usual	than usual				
A2 — been feeling in need of a good tonic?	Not	No more	Rather more	Much more				
	at all	than usual	than usual	than usual				
A3 – been feeling run down and out of sorts?	Not	No more	Rather more	Much more				
	at all	than usual	than usual	than usual				
A4 – felt that you are ill?	Not	No more	Rather more	Much more				
	at all	than usual	than usual	than usual				
A5 – been getting any pains in your head?	Not	No more	Rather more	Much more				
	at all	than usual	than usual	than usual				
A6 – been getting a feeling of tightness or pressure in your head?	Not	No more	Rather more	Much more				
	at all	than usual	than usual	than usual				
A7 — been having hot or cold spells?	Not	No more	Rather more	Much more				
	at all	than usual	than usual	than usual				
B1 – lost much sleep over worry?	Not	No more	Rather more	Much more				
	at all	than usual	than usual	than usual				
B2 — had difficulty in staying asleep once you are off?	Not	No more	Rather more	Much more				
	at all	than usual	than usual	than usual				
B3 – felt constantly under strain?	Not	No more	Rather more	Much more				
	at all	than usual	than usual	than usual				
B4 – been getting edgy and bad-tempered?	Not at all	No more than usual	Rather more than usual	Much more than usual				
B5 – been getting scared or panicky for no good reason?	Not	No more	Rather more	Much more				
	at all	than usual	than usual	than usual				
B6 — found everything getting on top of you?	Not	No more	Rather more	Much more				
	at all	than usual	than usual	than usual				
B7 — been feeling nervous and strung-up all the time?	Not	No more	Rather more	Much more				
	at all	than usual	than usual	than usual				

#### Have you recently

паче	you rece	iitiy								•
C1 –		en managing to keep yourse sy and occupied?		rself	More s than u		Same as usual	Rather les		Much less than usual
C2 -	been takir you do?	ng long	99		Quicke than u		Same as usual	Longer than usua	əl	Much longer than usual
C3 -	<ul><li>felt on the whole you were doing things well?</li></ul>		Better than usual		About the same	Less well than usua		Much less well		
C4 -	been satisfied with the way you've carried out your task?		More satisfie	∍d	About sam as usual	e Less satis than usua		Much less satisfied		
C5 –	<ul> <li>felt that you are playing a useful part in things?</li> </ul>		More s than u		Same as usual	Less usef than usua		Much less useful		
C6 -	6 — felt capable of making decisions about things?		More s than u		Same as usual	Less so than usua	al	Much less capable		
C7 -	7 — been able to enjoy your normal day-to-day activities?		More so Same than usual as usual		Less so than usua	al	Much less than usual			
D1 ~	D1 — been thinking of yourself as a worthless person?		Not at all		No more than usual	Rather me		Much more than usual		
D2 –	2 — felt that life is entirely hopeless?		Not at all		No more than usual	Rather me		Much more than usual		
D3 -	D3 – felt that life isn't worth living?		Not at all		No more than usual	Rather me than usua		Much more than usual		
D4 -	D4 — thought of the possibility that you might make away with yourself?		Definitely not		l don't think so			Definitely have		
D5 –	D5 — found at times you couldn't do anything because your nerves were too bad?		Not at all		No more than usual			Much more than usual		
D6 – found yourself wishing you were dead and away from it all?		Not at all		No more than usual			Much more than usual			
D7 — found that the idea of taking your own life kept coming into your mind?		Definit not	ely	l don't think so	Has cross my mind	ed	Definitely has			
_		_				_				
Α	!	В		С		D		TOTAL		

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SCALE 'F'

A number of statements are listed below. Indicate the extent to which you agree/disagree with each statement by circling the appropriate number opposite the statement . '1' means you strongly disagree whereas '6' means you strongly agree.

	STRONGLY DISAGREE					STRO	ONGLY EE	
I like being healthy	1	2	3	4	5	6		
			RONG.				STRON	IGLY AGREE
1. If I have bad health it is just bad luck.			1	2	3	4	5	6
2. If I take the right actions I can avoid having bad health			1	2	3	4	5	6
3. No matter what I do, if I am going to have bad health I will.			1	2	3	4	5	6
4. I am in control of whether I have bad health or not.			Í	2	3	4	5	6
5. If I take care of myself I can avoid having bad health.			1	2	3	4	5	6
<ol> <li>I can prevent having bad health regularly consulting a doctor.</li> </ol>	ı by		1	2	3	4	5	6
The main thing which affects whether I have bad health is what I myself do.			1	2	3	4	5	6
3. If it's meant to be I will have bad health.			1	2	3	4	5	6

<ol><li>My family has a lot to do with my having or not having bad health.</li></ol>	1	2	3	4	5	6
10. It is my own behaviour which will determine how soon I recover from bad health.	1	2	3	4	5	6
11. Recovery from bad health depends on the good care given by other people such as doctors, nurses, and family.	1	2	3	4	5	6
12. Having a regular contact with my doctor is the best way to avoid having bad health.	1	2	3	4	5	6
13. Luck plays a big part in determining how quickly I recover from bad health.	1	2	3	4	5	6
14. If I have bad health it will be an accident.	1	2	3	4	5	6
15. To avoid having bad health I can only do what my doctor tells me	1	2	3	4	5	6
16. No matter what I do I cannot prevent bad health.	1	2	3	4	5	6
17. Health professionals control whether I will have bad health or not.	1	2	3	4	5	6
18. If I have bad health I am to blame.	1	2	3	4	5	6

# **INFORMATION**

**ABOUT** 

HEALTH RELATED BEHAVIOURS

AND

HEALTH

## Dear Participant

I would like to thank you for your participation in my project on health and health related behaviours.

Now, as part of this project I am enclosing some relevant information regarding the relationship between health related behaviours (such as smoking, exercise, and diet) and health.

Though it is difficult to quantify the state of health, the World Health Oraganisation has defined it as:

"The state of complete physical, mental and social well being".

In today's world, most people, whether health professionals or people at large, are concerned about their health. Therefore, large number of studies have been devoted to finding out the major risk factors that contribute to poor health.

Researches and surveys have found that, among other factors, cigarette smoking, lack of exercise and poor diet are the major risk factors in the onset of cardiovascular diseases, hypertension, high blood pressure, diabetes, cancers, and other illnesses.

In the following pages I have included information about the relationship between smoking and ill health, lack of exercise and ill health, and poor diet and ill health.

#### A. SMOKING AND ILL HEALTH

Recent survey carried out by the National Heart Foundation of Australia stated that cigarette smoking is the major risk factor in the onset of disease like asthma, and cardiovascular disorders. Also World Health Organisation expert committee, stated that smoking is one of the principal causes of respiratory and other serious illnesses.

Data reveal that two million Australian still smoke and over 23,000 deaths occur as a result of smoking.

It is considered that Five times as many people die as a result of smoking than those who die due to alcohol abuse. And Four times as many people die as a result of smoking than those who die as a result of drug abuse.

The American Cancer Society has concluded that smoking accounts for approximately 125,000 deaths in the U.S. from cancer annually.

As a result of publicity about smoking and health there are signs of an over all decline in smoking however, most of this decline is amongst male smokers. Smoking rates in women have held steady for the past 20 years. There is some evidence that smoking has actually increased in teenage girls. These figures show that smoking is still a major problem in women. Some people argue that low tar content in cigarettes has less detrimental effect on health than high tar cigarettes. However, there is no agreement on this point as it is believed that people tend

to take more frequent and larger puffs when smoking a low tar cigarette.

I have included below some examples of health consequences as a result of smoking:

- 1. Smoking causes damage to the lungs, heart, and cardiovascular system, the digestive system, immune system and reproductive system.
- 2. It has been found that out of every 100 bladder cancers, 60 of them are due to smoking. Further, every cigarette lit decreases life expectancy by 52 minutes.
- 3. Smoking increases the cholesterol levels in the blood, at the same time it decreases protective high density fats. Thus, a person is more likely to have a heart attack as a result of smoking.
- 4. Smoking hardens the walls of the arteries, making them less flexible and more prone to blockages. The damaged arteries reduce the flow of blood to the brain that increases the chances of suffering a stroke.
- 6. Apart from staining the teeth and making them unattractive, **smokers have a much higher incidence** of **peridontal disease** than non smokers.
- 7. Smoking doubles the chances of **developing** stomach ulcers.

## B. <u>DIET AND ILL HEALTH</u>

A recent survey carried out by the National Heart Foundation Australia has stated that poor dietary habits such as too much intake of saturated fats and very less consumption of vegetables and fruits; and wholegrains and cereals, lead to illnesses like heart disease, diabetes, asthma, gallstones, high blood pressure, and development of cancers.

Consumption of high saturated fats lead to overweight and obesity which is found to be one of the causes of coronary heart disease. It could also lead to sudden death.

Researches carried out by the Heart Foundation of Australia found that high intake of saturated fats adversely affects the glucose intolerance in the body, raises blood pressure, and affects the serium lipids that elevates the risk of coronary heart disease.

Diet high in fats increases the cholesterol that leads to the reduction in the size of arteries. Whereas a diet low in cholesterol reduces chances of the choking of arteries. The above mentioned survey found that five million Australians over the age of 25 years have blood cholesterol levels over 5.5 mmol/l that puts them in the high risk range.

It is now widely accepted that the relationship between serum cholesterol and risk of cardiac disorder is central to the link between diet and the disease.

It has also been found that low consumption of vegetables and fruits, and wholegrains and cereals causes deficiency in vitamins, minerals, some

proteins and fibre which are essential for a healthy body.

Studies carried out in United States have concluded that low consumption of vegetables and fruits increases the risk of some of the chronic diseases.

Moreover, low intake of diet containing fibre like wholegrain and cereals increases the risk of gastrointestinal disorders.

#### C. LACK OF EXERCISE AND ILL HEALTH

It is believed that easy and comfortable life style that involves little or no physical activity is one of the main cause of the impairement in normal body functions. It has been found that such common and serious medical problems as coronary artery disease, hypertension, obesity and lower back problems are attributable to the lack of exercise.

Research carried out by the medical community and health psychologists has concluded that lack of exercise leads to poor mental and physical health.

Some information regarding detrimental effects on health caused due to lack of exercise is given below:

Lack of exercise increases the risk of coronary heart disorders in people.

Lack of exercise decreases the efficiency of cardio-respiratory system in people.

Lack of exercise reduces the physical work capacity.

Lack of exercise also leads to over weight and obesity that is found to be detrimental for the general health of people.

Researchers have examined that lack of exercise is to some extent the cause of other illnesses like anxiety, depression, etc.

This information is provided to you by **Sabuh Adhami.** If you have any queries please contact me at the phone number: 73-2568 or **Dr. Dua at:** 73-2546

Many thanks

Sabuh Adhami

# PERSONAL PARTICULARS FORM

NAME	:
AGE :-	
JOB PA	ARTICULARS: (please circle the appropriate answer)
1.	Administration
2.	Academic
3.	Library
4.	Other work at the university
5.	Student
6.	Other (please specify)
ADDRE	SS or CONTACT PHONE No

# APPENDIX B

# **RAW DATA**

```
Number of valid observations (listwise) = 37.00
Variable TAR2
                 tar intake tm2
                                  S.E. Mean
Variance
               .149
.459
                                                   .053
Mean
Std Dev
                                   S.E. Kurt
S.E. Skew
               9.597
                                                   .552
Kurtosis
                                                   .279
Skewness
               3.194
                                                   2.00
                                   Maximum
Minimum
               .00
                                 Missing observations - 41
Valid observations - 74
Variable TARSEF tar self efficacy
               . 221
Mean
                                   S.E. Mean
                                                   .058
                                 Variance
S.E. Kurt
S.E. Skew
Maximum
               .590
7.311
                                                   .349
Std Dev
                                                   .469
Kurtosis
                                                   .237
Skewness
               2.791
Minimum
               0
Valid observations - 104 Missing observations - 11
             health behaviour
Variable TAR
                                   S.E. Mean
               .307
.667
                                                   .062
                                                   .445
                                  Variance
Std Dev
                                                   .449
Kurtosis
               3.445
                                   S.E. Kurt
                                   S.E. Skew
                                                    .226
Skewness
              2.108
Minimum
                                   Maximum
                            Missing observations - 1
Valid observations - 114
Variable GHQD7 GHQD7
               .532
                                  S.E. Mean
Variance
Mean
                                                   .418
Std Dev
                .646
                                                   .459
                                  S.E. Kurt
Kurtosis
               2.237
                                  S.E. Skew
Maximum
Skewness
               1.240
                                                    .231
Minimum
                                 Missing observations -
Valid observations - 109
Variable GHQD6 ghqd6
                                                    .068
               .550
.713
                                   S.E. Mean
Mean
                                                   .509
Std Dev
                                   Variance
Kurtosis
               2.101
                                   S.E. Kurt
                                                    .459
                                    S.E. Skew
                                                    .231
Skewness
               1.378
                                   Maximum
Minimum
```

Valid observations -	109	Missing observations	3 -	6
Variable GHQD4 ghqd	14			•
Mean .578		G. D. Wasse	0.67	
Std Dev .698			.067 .487	
Kurtosis 1.257			.459	
Skewness 1.132			.231	
Minimum 0		Maximum	3	
Valid observations -	109	Missing observations	s - 	- 6
Variable CUODE				-
Variable GHQD5 ghqd	15		0.54	
Mean .587 Std Dev .670			.064 .448	
Kurtosis .499			.459	
Skewness .900			.231	
Minimum 0		Maximum	3	
Valid observations -	109	Missing observations	5 -	6
Wardahla ayana				-
Variable GHQD3 ghqd	13	a B	004	
Mean .697 Std Dev .877			.084 .769	
Kurtosis 1.547		S.E. Kurt	.459	
Skewness 1.308			.231	
Minimum 0		Maximum	4	
Valid observations -	109	Missing observations	s - 	6
Variable GHQA7 ghqa	a7			
Mean .759		S.E. Mean	.084	
Std Dev .874			.764	
Kurtosis .995			.461	
Skewness 1.092 Minimum 0		S.E. Skew Maximum	.233	
Valid observations -	108		s -	7
				_
Variable GHQD2 ghqd	<b>1</b> 2			
Mean .817		S.E. Mean	.087	
Std Dev .904			.818	
Kurtosis 1.064			.459	
Skewness 1.139			.231	
Minimum 0		Maximum	4	
Valid observations -	109	Missing observation	s -	- 6 -
Variable GHQC1 ghqc			<del></del> -	
Mean .945		S.E. Mean	.071	
Std Dev .743			.552	
Kurtosis314		S.E. Kurt	.459	
Skewness .365 Minimum 0		S.E. Skew Maximum	.231 3	
Valid observations -	109	Missing observation	s -	6
				-
Variable GHQA4 ghqa	<b>a</b> 4			
Mean .954			.086	
Std Dev .896			.803	
Kurtosis174 Skewness .720			.459 .231	
Minimum 0		Maximum	3	
Valid observations -	109	Missing observation	s <b>-</b>	6
				_
Variable GHQD1 ghqq	<del>1</del> 1			
Mean .981 Std Dev .886			.085 .785	
Kurtosis538			. 461	

Valid obse				3	
	ervations -	108	Missing observa	tions -	7
					-
Variable	GHQB5 ghq	h5			
	Gilgo gilq	<i></i>			
Mean	1.000		S.E. Mean	.102	
Std Dev Kurtosis			Variance	1.130	
Skewness			S.E. Kurt S.E. Skew	.459 .231	
Minimum	0		Maximum	4	
Valid obse	ervations -	109	Missing observa	tions -	6
					_
***					_
variable	CARDIO car	diovascul	ar illness		
	1.036		S.E. Mean		
Std Dev	.380		Variance	.144	
	111.000		S.E. Kurt	.455	
Skewness			S.E. Skew	.229	
Minimum	1		Maximum	5	
Valid obse	ervations -	111	Missing observa	tions -	4
			~		-
Variable	GHQA2 ghq	a2			
Mean	1.165		S.E. Mean	.091	
Std Dev	.948		Variance	.898	
Kurtosis			S.E. Kurt	.459	
Skewness			S.E. Skew	.231	
Minimum	0		Maximum	3	
Valid obse	ervations -	109	Missing observa	tions -	6
					-
Variable	GHQB2 ghq	:b2			
			0 E Was-	106	
Mean Std Dev	1.229 1.111		S.E. Mean Variance	.106 1.234	
Sta Dev Kurtosis			Variance S.E. Kurt	.459	
Skewness	.894		S.E. Skew	.231	
Minimum	0		Maximum	4	
Valid obse	ervations -	109	Missing observa	tions -	6
	GHQA6 aha	a6			
Variable	GHQA6 ghq	•		400	
Variable Mean	1.239		S.E. Mean	.102	
Variable Mean Std Dev	1.239		Variance	1.128	
Variable Mean Std Dev Kurtosis	1.239 1.062 065		Variance S.E. Kurt S.E. Skew	1.128 .459	
Variable Mean Std Dev Kurtosis Skewness	1.239 1.062 065 .641		Variance S.E. Kurt S.E. Skew	1.128	
Variable Mean Std Dev Kurtosis Skewness Minimum	1.239 1.062 065 .641		Variance S.E. Kurt S.E. Skew Maximum	1.128 .459 .231 4	6
Variable Mean Std Dev Kurtosis Skewness Minimum	1.239 1.062 065 .641 0	109	Variance S.E. Kurt S.E. Skew	1.128 .459 .231 4	
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse	1.239 1.062 065 .641 0	109	Variance S.E. Kurt S.E. Skew Maximum Missing observa	1.128 .459 .231 4	
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse	1.239 1.062 065 .641 0 ervations -	109	Variance S.E. Kurt S.E. Skew Maximum Missing observa	1.128 .459 .231 4 tions -	
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse	1.239 1.062 065 .641 0 ervations -	109	Variance S.E. Kurt S.E. Skew Maximum Missing observa fficacy tm2 S.E. Mean	1.128 .459 .231 4 tions -	
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev	1.239 1.062 065 .641 0 ervations - 	109	Variance S.E. Kurt S.E. Skew Maximum Missing observa fficacy tm2 S.E. Mean Variance	1.128 .459 .231 4 tions -	
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis	1.239 1.062065 .641 0 ervations SMKSE2 smo 1.257 1.008 19.062	109	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  fficacy tm2  S.E. Mean Variance S.E. Kurt	1.128 .459 .231 4 .tions - 	
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness	1.239 1.062 065 .641 0 ervations - 	109	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  fficacy tm2  S.E. Mean Variance S.E. Kurt S.E. Skew	1.128 .459 .231 4 .tions - 	
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum	1.239 1.062065 .641 0 ervations SMKSE2 smo 1.257 1.008 19.062 4.330 1.00	109  ke self e	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  fficacy tm2  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	1.128 .459 .231 4 tions - 	-
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum	1.239 1.062065 .641 0 ervations SMKSE2 smo 1.257 1.008 19.062 4.330 1.00 ervations -	109  ke self e 74	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  fficacy tm2  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa	1.128 .459 .231 4 tions - 	-
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse	1.239 1.062065 .641 0 ervations SMKSE2 smo 1.257 1.008 19.062 4.330 1.00 ervations -	109  ke self e	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  fficacy tm2  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	1.128 .459 .231 4 tions - 	-
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse	1.239 1.062065 .641 0 ervations SMKSE2 smo 1.257 1.008 19.062 4.330 1.00 ervations -	109  ke self e	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  fficacy tm2  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa	1.128 .459 .231 4 tions - 	-
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean	1.239 1.062065 .641 0  ervations SMKSE2 smo 1.257 1.008 19.062 4.330 1.00  ervations GHQC6 ghq	109 	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  fficacy tm2  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa	1.128 .459 .231 4 tions - 	-
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev	1.239 1.062065 .641 0 ervations SMKSE2 smo 1.257 1.008 19.062 4.330 1.00 ervations GHQC6 ghq 1.275 .848	109  ke self e 74 	Variance S.E. Kurt S.E. Skew Maximum  Missing observa   fficacy tm2  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa   S.E. Mean Variance	1.128 .459 .231 4 tions - 	-
Variable  Mean Std Dev Kurtosis Skewness Minimum  Valid obse Variable  Mean Std Dev Kurtosis Skewness Minimum  Valid obse Variable  Variable	1.239 1.062065 .641 0  ervations SMKSE2 smo 1.257 1.008 19.062 4.330 1.00  ervations GHQC6 ghq	109  ke self e 74 	Variance S.E. Kurt S.E. Skew Maximum  Missing observa   fficacy tm2  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa   S.E. Mean Variance	1.128 .459 .231 4 tions - 	-
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev	1.239 1.062065 .641 0  ervations  SMKSE2 smo 1.257 1.008 19.062 4.330 1.00  ervations GHQC6 ghq 1.275 .848363	109  ke self e 74 	Variance S.E. Kurt S.E. Skew Maximum  Missing observa   fficacy tm2  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa   S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	1.128 .459 .231 4 tions - 	-
Variable  Mean Std Dev Kurtosis Skewness Minimum  Valid obse Variable  Mean Std Dev Kurtosis Skewness Minimum  Valid obse Variable  Mean Std Dev Kurtosis Skewness Minimum  Valid obse Variable  Mean Std Dev Kurtosis Skewness	1.239 1.062065 .641 0 ervations SMKSE2 smo 1.257 1.008 19.062 4.330 1.00 ervations GHQC6 ghq 1.275 .848363 .363	109  ke self e 74 	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	1.128 .459 .231 4 tions - 	-
Variable  Mean Std Dev Kurtosis Skewness Minimum  Valid obse  Variable  Mean Std Dev Kurtosis Skewness Minimum  Valid obse  Variable  Mean Std Dev Kurtosis Skewness Minimum  Valid obse  Skewness Minimum	1.239 1.062065 .641 0 ervations SMKSE2 smo 1.257 1.008 19.062 4.330 1.00 ervations GHQC6 ghq 1.275 .848363 .363 0	109 	Variance S.E. Kurt S.E. Skew Maximum  Missing observa   fficacy tm2  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa   S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	1.128 .459 .231 4 .tions -  .117 1.015 .552 .279 7.00 .tions - 	41

Mean Std Dev	1.284 1.115		S.E. Mean Variance	.107 1.242
Kurtosis	198		S.E. Kurt	.459
Skewness Minimum	.681 0		S.E. Skew Maximum	.231
Valid obse	rvations -	109	Missing observa	tions -
	SMKNTOT2 tot	al smoke		
Mean	1.336		S.E. Mean	.307
Std Dev Kurtosis	3.261 6.408		Variance S.E. Kurt	10.636 .451
Skewness	2.650		S.E. Kurt S.E. Skew	.227
Minimum	.00		Maximum	14.00
Valid obse	rvations -	113	Missing observa	tions -
Variable	INJACCI inj	uries / a	ccident	
Mean	1.342		S.E. Mean	.072
Std Dev Kurtosis	.757 7.550		Variance S.E. Kurt	.573
Skewness	2.667		S.E. Kurt S.E. Skew	.455 .229
Minimum			Maximum	5
Valid obse	rvations -	111	Missing observa	tions -
Variable	GHQC4 ghq	rc4		
Mean	1.358		S.E. Mean	.078
Std Dev	.811		Variance	. 658
Kurtosis	452		S.E. Kurt	. 459
Skewness Minimum	.102 0		S.E. Skew Maximum	. 231
Valid obse	rvations -	109	Missing observa	tions -
	GHQC5 ghq	(c5		
Mean	1.358	gc5	S.E. Mean	.078
Mean Std Dev	1.358	<sub>[</sub> c5	Variance	.658
Mean Std Dev Kurtosis	1.358 .811 375	<sub>(</sub> c5	Variance S.E. Kurt	.658 .459
Mean Std Dev Kurtosis Skewness	1.358	rc5	Variance	.658
Mean Std Dev Kurtosis Skewness Minimum	1.358 .811 375 .208		Variance S.E. Kurt S.E. Skew	.658 .459 .231 3
Mean Std Dev Kurtosis Skewness Minimum Valid obse	1.358 .811 375 .208 0	109	Variance S.E. Kurt S.E. Skew Maximum	.658 .459 .231 3
Mean Std Dev Kurtosis Skewness Minimum Valid obse	1.358 .811 375 .208 0 rvations -	109	Variance S.E. Kurt S.E. Skew Maximum Missing observa	.658 .459 .231 3 tions -
Mean Std Dev Kurtosis Skewness Minimum Valid obse	1.358 .811 375 .208 0 rvations -	109	Variance S.E. Kurt S.E. Skew Maximum Missing observa	.658 .459 .231 .3 .tions -
Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev	1.358 .811 375 .208 0 rvations - 	109	Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance	.658 .459 .231 3 tions - 
Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis	1.358 .811 375 .208 0 rvations - 	109	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt	.658 .459 .231 .3 .tions - 
Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness	1.358 .811 375 .208 0 rvations - 	109	Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance	.658 .459 .231 3 tions - 
Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum	1.358 .811 375 .208 0 rvations - 	109  ra5	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew	.658 .459 .231 3 tions - 
Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse	1.358 .811 375 .208 0 rvations - 	109  ra5	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.658 .459 .231 .3 .tions -  .101 1.111 .461 .233 .4
Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable	1.358 .811375 .208 0 rvations GHQA5 ghq 1.361 1.054 .050 .643 0 rvations GASTRO gas	109  ga5	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa	.658 .459 .231 3 tions - 
Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Variable	1.358 .811375 .208 0 rvations GHQA5 ghq 1.361 1.054 .050 .643 0 rvations GASTRO gas	109  ga5	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  inal illness S.E. Mean	.658 .459 .231 .3 .tions -  .101 1.111 .461 .233 .4
Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Variable	1.358 .811375 .208 0 rvations GHQA5 ghq 1.361 1.054 .050 .643 0 rvations GASTRO gas	109  ga5	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  inal illness  S.E. Mean Variance	.658 .459 .231 .3 .tions - 
Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Variable	1.358 .811375 .208 0  rvations GHQA5 ghq 1.361 1.054 .050 .643 0  rvations GASTRO gas 1.382 .928 7.489	109  ga5	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  inal illness  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.658 .459 .231 .3 .tions -  .101 1.111 .461 .233 .4 .tions - 
Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse	1.358 .811375 .208 0 rvations GHQA5 ghq 1.361 1.054 .050 .643 0 rvations GASTRO gas	109  ga5	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  inal illness  S.E. Mean Variance	.658 .459 .231 .3 .tions -  .101 1.111 .461 .233 .4 .tions - 
Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse	1.358 .811375 .208 0  rvations GHQA5 ghq 1.361 1.054 .050 .643 0  rvations GASTRO gas 1.382 .928 7.489 2.805 1	109 ra5  108 strointest:	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  inal illness  S.E. Mean Variance S.E. Kurt S.E. Skew	.658 .459 .231 .3 .tions - 
Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Mean Std Dev Kurtosis Skewness Minimum Valid obse	1.358 .811375 .208 0 rvations GHQA5 ghq 1.361 1.054 .050 .643 0 rvations GASTRO gas 1.382 .928 7.489 2.805 1 rvations -	109 ra5  108 strointest:	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  inal illness  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.658 .459 .231 .3 .tions - 
Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse	1.358 .811375 .208 0 rvations GHQA5 ghq 1.361 1.054 .050 .643 0 rvations GASTRO gas 1.382 .928 7.489 2.805 1 rvations -	109 ga5  108 strointest:	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  inal illness  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  inal illness  Missing observa  inal illness  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa	.658 .459 .231 .3 .tions - 
Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Variable Mean	1.358 .811375 .208 0 rvations GHQA5 ghq 1.361 1.054 .050 .643 0 rvations GASTRO gas 1.382 .928 7.489 2.805 1 rvations GHQA1 ghq 1.385	109 ga5  108 strointest:	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  inal illness  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  inal illness  Missing observa  inal illness  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa	.658 .459 .231 .3 .tions -  .101 1.111 .461 .233 .4 .tions -  .089 .862 .457 .230 .5
Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Variable Mean Std Dev	1.358 .811375 .208 0  rvations GHQA5 ghq 1.361 1.054 .050 .643 0  rvations GASTRO gas 1.382 .928 7.489 2.805 1  rvations GHQA1 ghq 1.385 .706	109 ga5  108 strointest:	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  inal illness  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa	.658 .459 .231 .3 .tions - 
Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable  Variable  Variable  Mean Std Dev Kurtosis Skewness Minimum Valid obse: Variable  Mean Std Dev Kurtosis	1.358 .811375 .208 0  rvations GHQA5 ghq 1.361 1.054 .050 .643 0  rvations GASTRO gas 1.382 .928 7.489 2.805 1  rvations GHQA1 ghq 1.385 .706 .161	109 ga5  108 strointest:	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  inal illness  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.658 .459 .231 .3 .tions - 
Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Variable  Variable  Mean Std Dev Kurtosis Skewness Minimum Valid obse: Variable  Mean Std Dev Kurtosis Skewness Minimum Valid obse: Skewness Minimum Valid obse: Skewness Minimum	1.358 .811375 .208 0  rvations GHQA5 ghq 1.361 1.054 .050 .643 0  rvations GASTRO gas 1.382 .928 7.489 2.805 1  rvations GHQA1 ghq 1.385 .706161 .095	109 ga5  108 strointest:	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  inal illness  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Kurt S.E. Skew Maximum	.658 .459 .231 .3 .tions
Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Wariable Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Variable Variable Mean Std Dev Kurtosis	1.358 .811375 .208 0  rvations GHQA5 ghq 1.361 1.054 .050 .643 0  rvations GASTRO gas 1.382 .928 7.489 2.805 1  rvations GHQA1 ghq 1.385 .706161 .095	109 ga5  108 strointest:	Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  inal illness  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.658 .459 .231 .3 .tions - 

Variable RESI	PILL res	piratorv	illness		
		<b>2</b>			
	1.393		S.E. Mean	.080	
Std Dev	.842		Variance	. 709	
Kurtosis	6.654		S.E. Kurt	.453	
Skewness Minimum	2.557		S.E. Skew	.228 5	
PITITIMAN	1		Maximum	5	
Valid observa	tions -	112	Missing observat	ions -	3
					-
Variable SMK	SEF sm	ok self e	fficacy		
Mean	1.438			.123	
Std Dev	1.307 9.843		Variance S.E. Kurt	1.708	
Kurtosis				. 453	
Skewness	3.234		S.E. Skew	. 228	
Minimum	1		Maximum	7	
Valid observa	tions -	112	Missing observat	ions -	3
					-
Variable GHQ	C3 ghq	rc3			
Mean Std Dev	1.440		S.E. Mean	.070	
Std Dev	.726		S.E. Mean Variance	.527	
Kurtosis	192		S.E. Kurt	.459	
Skewness	.138		S.E. Skew	.231	
Minimum	0		Maximum	3	
Valid observa	tions -	109	Missing observat	ions -	6
					-
Variable GHQ	B7 ghq	<sub>(b7</sub>			
Mean	1.459		S.E. Mean	.101	
Std Dev	1.459		S.E. mean Variance	1.121	
Kurtosis	395		S.E. Kurt	459	
Skewness	.420		S.E. Skew	.459 .231	
Minimum	0		Maximum	4	
Valid observa	tions -	109	Missing observat	ions -	6
		203			
					-
Variable GHQ	C2 ghq	<sub>[C2</sub>			
Mean	1.459		S.E. Mean	.060	
Std Dev	.631		Variance	.399	
Kurtosis	127		S.E. Kurt	.459	
Skewness	.383		S.E. Skew	.231	
Minimum	0		Maximum	3	
Valid observa	tions -	109	Missing observat	ions -	6
					-
Variable GHQ	C7 ghq	<sub>[C</sub> 7			
Mean	1.486		S.E. Mean	.083	
Std Dev	.867		Variance	.752	
Kurtosis	633		S.E. Kurt	.459	
Skewness	.000		S.E. Skew	.231	
Minimum	0		Maximum	3	
Valid observa	tions -	109	Missing observat	ions -	6
					-
Variable GHQ	A3 ghq	įa3			
Mean	1.519		S.E. Mean	005	
Std Dev	.990		Variance	.981	
Kurtosis			S.E. Kurt	.461	
Skewness	.330		S.E. Skew	.233	
Minimum	0		Maximum	4	
Valid observa	tions -	108	Missing observat	ions -	7
					_
Variable MIS	CELL mis	cellaneou	s other symptomatolog	y or il	
Mean	1.523		S.E. Mean	.113	
Std Dev	1.183		Variance	1.400	
Kurtosis	3.472		S.E. Kurt	.459	
Skewness	2.199		S.E. Skew	.231	
Minimum	1		Maximum	5	

Valid observa	tions -	109	Missing observat	ions -	6
					-
Variable GHQ	QB4 ghqi	b <b>4</b>			
Mean	1.550		S.E. Mean	.090	
Std Dev	.938		Variance	.879	
Kurtosis	028		S.E. Kurt	.459	
Skewness	.332		S.E. Skew	.231	
Minimum	0		Maximum	4	
Valid observa	ations -	109	Missing observat	ions -	6
					-
Variable GH(	QB6 ghq	<b>b</b> 6			
Mean	1.550		S.E. Mean	.102	
Std Dev	1.067		Variance	.102 1.139 .459	
Kurtosis	721		S.E. Kurt		
Skewness	.146		S.E. Skew	.231	
Minimum	0		Maximum	4	
Valid observa	ations -	109	Missing observat	cions -	6
					-
Variable IN	FECT inf	ections			
	1.649			.083	
Std Dev	.870		Variance	.757	
Kurtosis	2.623		S.E. Kurt	.455	
Skewness Minimum	1.512		S.E. Skew	.229 5	
	1		Maximum		
Valid observa	ations -	111	Missing observat	cions -	4
					-
		ous dista	nt health belief tm2		
Mean	1.703		S.E. Mean		
Std Dev Kurtosis	.856 .237		Variance S.E. Kurt	.732 .552	
Skewness	1.025		S.E. Kuic S.E. Skew	.279	
Minimum	1.00		Maximum	4.00	
Valid observa	ations -	74	Missing observat	tions -	41
Variable GH	QB3 ghq	rb3			
Mean	1.706		S.E. Mean	.100	
Mean Std Dev	1.039		S.E. Mean Variance	1.080	
Kurtosis			S.E. Kurt	.459	
Skewness	434 .164		S.E. Kurt S.E. Skew	.231	
Minimum	0		Maximum	4	
Valid observa	ations -	109	Missing observat	tions -	6
					- <b>-</b>
Variable SE	RNER2 ser	ous near	helth belief tm2		
Mean	1.716		S.E. Mean		
Std Dev	.914 .049		Variance	.836	
Kurtosis	.049 1.043		S.E. Kurt		
Skewness Minimum			S.E. Skew Maximum	.279 4.00	
			Missing observa		41
Variable SM	OKE hea	alth behav	riour		
Mean	1.719		S.E. Mean	.157	
Std Dev	1.675		Variance	2.805	
Kurtosis	4 087		S.E. Kurt	.449	
	2.318		S.E. Skew		
Minimum	1		Maximum	7	
Valid observ	ations -	114	Missing observa	tions -	1
			~ ~ ~ ~		
Variable HL	C2.17 hlo	etm2 q17			
Mean	1.720		S.E. Mean	.119	
Std Dev	1.034		S.E. Mean Variance	1.069	
Kurtosis	4.083		S.E. Kurt	.548	

			S.E. Skew Maximum	6.00	
alid observa	ations -	75	Missing observat	ions -	40
. <b></b>					- <del>-</del>
ariable HLO	17 heal	lth profes	sional controls my h	nealth	
lean	1.745		S.E. Mean	.111	
Std Dev	1.169		Variance	1.366	
Kurtosis	2.427		S.E. Kurt	.457	
kewness	1.742		S.E. Skew	.230	
Iinimum	1		Maximum	6	
alid observa	ations -	110	Missing observat	ions ~	5
					- <b>-</b>
/ariable VE	GFR2 vege	e fruit tm	n2		
lean .	1.747		S.E. Mean	.085	
Std Dev	.737		Variance	.543	
Curtosis	133		S.E. Kurt	.548	
kewness	.651		S.E. Skew	.277	
inimum	1.00		Maximum	4.00	
alid observa	ations -	75	Missing observat	cions -	40
/ariable VG	FRSEF vege	e fruit se	elf efficacy		
fean .			S.E. Mean	.063	
td Dev	.669		Variance	.448	
Kurtosis			S.E. Kurt		
Skewness	.617		S.E. Skew	.453 .228	
finimum	1		S.E. Skew Maximum	.228	
alid observ			Missing observa	tions -	3
ariania co					
		lous near			
lean	1.919	ious near	S.E. Mean		
Mean Std Dev	1.919 .896	ious near	S.E. Mean Variance	.802	
Mean Std Dev Curtosis	1.919 .896 293	ious near	S.E. Mean Variance S.E. Kurt	.802 .455	
ean td Dev urtosis kewness	1.919 .896	lous near	S.E. Mean Variance	.802	
Mean Std Dev Kurtosis Skewness Minimum	1.919 .896 293 .702		S.E. Mean Variance S.E. Kurt S.E. Skew	.802 .455 .229 4	4
	1.919 .896 293 .702 1	111	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.802 .455 .229 4	
Mean Std Dev Kurtosis Skewness Minimum Valid observ	1.919 .896 293 .702 1	111	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.802 .455 .229 4	
Mean Std Dev Kurtosis Skewness Minimum Valid observ	1.919 .896 293 .702 1 ations -	111	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.802 .455 .229 4 tions -	
Mean Std Dev Kurtosis Skewness Minimum Valid observ	1.919 .896 293 .702 1 ations -	111	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.802 .455 .229 4 tions -	
Mean Std Dev Kurtosis Skewness Minimum Valid observ Variable HL Mean Std Dev Kurtosis	1.919 .896 293 .702 1 ations - 	111	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.802 .455 .229 4 tions - 	
Mean Std Dev Kurtosis Skewness Minimum Valid observ Variable HL Mean Std Dev Kurtosis	1.919 .896 293 .702 1 ations - 	111	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa S.E. Mean Variance S.E. Kurt	.802 .455 .229 4 tions -  .121 1.090 .548	
Mean Std Dev Kurtosis Skewness Minimum Valid observ Variable HL Mean Std Dev Kurtosis Skewness	1.919 .896 293 .702 1 ations - 	111	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.802 .455 .229 4 tions -  .121 1.090 .548	
Mean Std Dev Skewness Minimum Valid observ Variable HL Mean Std Dev Skurtosis Skewness Minimum	1.919 .896 293 .702 1 ations - 	111  tm2 q13	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew	.802 .455 .229 4 tions - 	
Mean Std Dev Surtosis Skewness Minimum Valid observ Variable HL Mean Std Dev Surtosis Skewness Minimum Valid observ	1.919 .896 293 .702 1 ations - 	111  tm2 q13	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.802 .455 .229 4 tions - 	40
Mean Std Dev Kurtosis Skewness Minimum Valid observ Variable HL Mean Std Dev Kurtosis Skewness Minimum Valid observ	1.919 .896293 .702 1 ations C2.13 hlc 1.933 1.044 .991 1.234 1.00 ations -	111  tm2 q13 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.802 .455 .229 4 tions - 	40
Mean Std Dev Kurtosis Skewness Minimum Valid observ Variable HL Mean Std Dev Kurtosis Skewness Minimum Valid observ	1.919 .896293 .702 1 ations C2.13 hlc 1.933 1.044 .991 1.234 1.00 ations -	111  tm2 q13 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.802 .455 .229 4 tions - 	40
Mean Std Dev Kurtosis Skewness Minimum Valid observ Variable HL Mean Std Dev Kurtosis Skewness Minimum Valid observ	1.919 .896293 .702 1 ations C2.13 hlc 1.933 1.044 .991 1.234 1.00 ations RDIST seri	111  tm2 q13 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  distant future S.E. Mean	.802 .455 .229 4 tions - 	40
Mean Std Dev Kurtosis Skewness Minimum Valid observ Variable HL Mean Std Dev Kurtosis Skewness Minimum Valid observ Variable SE Mean Std Dev	1.919 .896293 .702 1 ations C2.13 hlc 1.933 1.044 .991 1.234 1.00 ations RDIST ser	111  tm2 q13 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  distant future S.E. Mean	.802 .455 .229 4 tions - 	40
dean td Dev turtosis kewness kinimum valid observ variable HL dean td Dev turtosis kewness kinimum valid observ variable SE dean td Dev turtosis	1.919 .896293 .702 1 ations C2.13 hlc 1.933 1.044 .991 1.234 1.00 ations RDIST ser 1.955 .913529	111  tm2 q13 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  distant future  S.E. Mean Variance S.E. Kurt	.802 .455 .229 4 tions - 	40
Mean Std Dev Surtosis Skewness Minimum Valid observ Variable HL Mean Std Dev Surtosis Skewness Minimum Valid observ Variable SE Mean Std Dev Surtosis Skewness Minimum Valid observ	1.919 .896293 .702 1 ations C2.13 hlc 1.933 1.044 .991 1.234 1.00 ations RDIST ser	111  tm2 q13 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  distant future S.E. Mean	.802 .455 .229 4 tions - 	40
tean td Dev turtosis Ekewness Ininimum valid observ variable HL fean Etd Dev Eurtosis Ekewness Ininimum valid observ variable SE Gean Etd Dev Eurtosis Ekewness Ekewn	1.919 .896293 .702 1 ations C2.13 hlc 1.933 1.044 .991 1.234 1.00 ations RDIST ser 1.955 .913529 .607 1	111  tm2 q13 75 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  distant future  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.802 .455 .229 4 tions - 	40
Mean Std Dev Kurtosis Skewness Minimum  Valid observ  Variable HL  Mean Std Dev Kurtosis Skewness Minimum  Valid observ  Variable SE  Mean Std Dev Kurtosis Skewness Minimum  Valid observ  Variable SE  Mean Std Dev Kurtosis Skewness Minimum  Valid observ	1.919 .896293 .702 1 ations C2.13 hlc 1.933 1.044 .991 1.234 1.00 ations RDIST ser	111 tm2 q13  75 iousness	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  distant future  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.802 .455 .229 4 tions - 	40
Mean Std Dev Kurtosis Skewness Minimum Valid observ Variable HL Mean Std Dev Kurtosis Skewness Minimum Valid observ Variable SE Mean Std Dev Kurtosis Skewness Minimum Valid observ	1.919 .896293 .702 1 ations C2.13 hlc 1.933 1.044 .991 1.234 1.00 ations RDIST ser	111 tm2 q13  75 iousness	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  distant future  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.802 .455 .229 4 tions - 	40
Mean Std Dev Kurtosis Skewness Minimum Valid observ Variable HL Mean Std Dev Kurtosis Skewness Minimum Valid observ Variable SE Mean Std Dev Kurtosis Skewness Minimum Valid observ Variable SE Mean Std Dev Kurtosis Skewness Minimum Valid observ	1.919 .896293 .702 1 ations C2.13 hlc 1.933 1.044 .991 1.234 1.00 ations RDIST ser	111 tm2 q13  75 iousness	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  distant future S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.802 .455 .229 4 tions - .121 1.090 .548 .277 5.00 tions - 	40
Mean Std Dev Kurtosis Skewness Minimum Valid observ Variable HL Mean Std Dev Kurtosis Skewness Minimum Valid observ Variable SE Mean Std Dev Kurtosis Skewness Minimum Valid observ Variable HL Mean Variable HL Mean	1.919 .896293 .702 1 ations  C2.13 hlc  1.933 1.044 .991 1.234 1.00  ations  RDIST ser  1.955 .913529 .607 1 ations  C2.16 hlc  1.960	111 tm2 q13  75 iousness	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  distant future  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.802 .455 .229 4 tions	40
Mean Std Dev Kurtosis Skewness Minimum  Valid observ  Variable HL  Mean Std Dev Kurtosis Skewness Minimum  Valid observ  Variable SE  Mean Std Dev Kurtosis Skewness Minimum  Valid observ  Variable HL  Variable HL	1.919 .896293 .702 1 ations  C2.13 hlc  1.933 1.044 .991 1.234 1.00  ations  RDIST ser  1.955 .913529 .607 1 ations  C2.16 hlc  1.960	111 tm2 q13  75 iousness	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  distant future  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.802 .455 .229 4 tions	40
Mean Std Dev Kurtosis Skewness Minimum  Valid observ  Variable HL  Mean Std Dev Kurtosis Skewness Minimum  Valid observ  Variable SE  Mean Std Dev Kurtosis Skewness Minimum  Valid observ  Variable HL  Mean Std Dev  Variable HL  Mean Std Dev Kurtosis	1.919 .896293 .702 1 ations C2.13 hlc  1.933 1.044 .991 1.234 1.00 ations RDIST ser  1.955 .913529 .607 1 ations C2.16 hlc  1.960 1.168 1.452	111 tm2 q13  75 iousness	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  distant future  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa   S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt	.802 .455 .229 4 tions - 	40
Mean Std Dev Surtosis Skewness Minimum  Valid observ  Variable HL  Mean Std Dev Surtosis Skewness Minimum  Valid observ  Variable SE  Mean Std Dev Surtosis Skewness Minimum  Valid observ  Variable HL  Mean Std Dev Surtosis Skewness Minimum  Valid observ  Variable HL  Mean Std Dev Surtosis	1.919 .896293 .702 1 ations  C2.13 hlc  1.933 1.044 .991 1.234 1.00  ations  RDIST ser  1.955 .913529 .607 1 ations  C2.16 hlc  1.960 1.168	111 tm2 q13  75 iousness	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  distant future  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa   S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa	.802 .455 .229 4 tions - 	40
dean  Itd Dev  Iturtosis Ekewness Itinimum  Valid observ  Variable HL  Mean  Itd Dev  Iturtosis Ekewness Itinimum  Valid observ  Variable SE  Mean  Itd Dev  Iturtosis Ekewness Itinimum  Valid observ  Variable HL  Mean  Itd Dev  Iturtosis Ekewness Itinimum  Valid observ  Variable HL  Mean  Itd Dev  Iturtosis	1.919 .896293 .702 1 ations C2.13 hlc  1.933 1.044 .991 1.234 1.00 ations RDIST ser  1.955 .913529 .607 1 ations C2.16 hlc  1.960 1.168 1.452	111 tm2 q13  75 iousness	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  distant future  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa   S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt	.802 .455 .229 4 tions	40
dean  Itd Dev  Itrosis Itewness Itinimum  Valid observ  Variable HL  Itean  Valid observ  Variable SE  Itean  Itea	1.919 .896293 .702 1 ations  C2.13 hlc  1.933 1.044 .991 1.234 1.00  ations  RDIST ser  1.955 .913529 .607 1 ations  C2.16 hlc  1.960 1.168 1.452 1.336 1.00	111 tm2 q13  75 iousness	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  distant future  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa   S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa	.802 .455 .229 4 tions - 	40

Std Dev	1.973 2.202		S.E. Mean Variance	4.848
Kurtosis	3.314		S.E. Kurt	.451
Skewness			S.E. Skew	.227
Minimum	1.00		Maximum	9.00
Valid obs	ervations -	113	Missing observa	tions -
Variable	HLC2.01 hlc	tm2 q1		
Mean	2.000		S.E. Mean	.142 1.514
Std Dev	1.230		Variance	
Kurtosis			S.E. Kurt	. 548
Skewness Minimum			S.E. Skew Maximum	.277 6.00
		75	Missing observa	
	ervacions -	,,,		
Variable	HLC2.15 hlc	rtm2 a15		
		-	6 F. W	122
Mean Std Dev	2.067 1.143		S.E. Mean Variance	.132 1.306
Sta Dev Kurtosis			variance S.E. Kurt	.548
Skewness			S.E. Skew	.277
Minimum	1.00		Maximum	5.00
Valid obs	servations -	75	Missing observa	tions -
Variable	HLC13 red			
		repe		
Mean	2.073		S.E. Mean	.116 1.481
Std Dev Kurtosis			Variance S.E. Kurt	.457
Skewness			S.E. Skew	.230
Minimum			Maximum	6
Valid obs	servations -	110	Missing observa	ations -
	MUCROPI 2			
	WHGRCRL2 who	 olegrain &		
Mean	2.093	 olegrain &	S.E. Mean	.085
Mean Std Dev	2.093 .738		S.E. Mean Variance	.545
Mean Std Dev Kurtosis	2.093 .738 647	olegrain &	S.E. Mean Variance S.E. Kurt	.545 .548
Mean Std Dev	2.093 .738 647		S.E. Mean Variance S.E. Kurt S.E. Skew	.545 .548 .277
Mean Std Dev Kurtosis Skewness Minimum	2.093 .738 647 .057 1.00		S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.545 .548 .277 4.00
Mean Std Dev Kurtosis Skewness Minimum	2.093 .738 647 .057 1.00	75	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.545 .548 .277 4.00
Mean Std Dev Kurtosis Skewness Minimum Valid obs	2.093 .738 647 .057 1.00 servations -	75 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.545 .548 .277 4.00
Mean Std Dev Kurtosis Skewness Minimum Valid obs	2.093 .738 647 .057 1.00 servations -	75 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.545 .548 .277 4.00
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean	2.093 .738 647 .057 1.00 servations - 	75 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.545 .548 .277 4.00 ations ~
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev	2.093 .738 647 .057 1.00 servations - 	75 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  nt bad health S.E. Mean Variance	.545 .548 .277 4.00 ations -
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean	2.093 .738 647 .057 1.00 servations - 	75 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.545 .548 .277 4.00 ations ~
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis	2.093 .738 647 .057 1.00 servations - 	75 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  nt bad health S.E. Mean Variance S.E. Kurt	.545 .548 .277 4.00 ations - 
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum	2.093 .738 647 .057 1.00 servations - 	75  nnot preve	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  nt bad health  S.E. Mean Variance S.E. Kurt S.E. Skew	.545 .548 .277 4.00 ations - 
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum	2.093 .738 647 .057 1.00 servations - HLC16 cas 2.164 1.345 213 .941 1	75  nnot preve	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  nt bad health S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.545 .548 .277 4.00 ations - 
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs	2.093 .738 647 .057 1.00 servations - HLC16 cas 2.164 1.345 213 .941 1	75 nnot preve	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  nt bad health  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa	.545 .548 .277 4.00 ations - 
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	2.093 .738 647 .057 1.00 Servations - 	75 nnot preve	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  nt bad health S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.545 .548 .277 4.00 ations - .128 1.808 .457 .230 .6
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs	2.093 .738 647 .057 1.00 Servations - 	75 nnot preve	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  nt bad health  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa	.545 .548 .277 4.00 ations - .128 1.808 .457 .230 .6
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	2.093 .738 647 .057 1.00 Servations - HLC16 car 2.164 1.345 213 .941 1 servations -	75 nnot preve	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  nt bad health S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  lth new S.E. Mean	.545 .548 .277 4.00 ations128 1.808 .457 .230 .6 ations091 .908
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum	2.093 .738 647 .057 1.00 servations - 	75 nnot preve	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  nt bad health S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  lth new  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.545 .548 .277 4.00 ations - .128 1.808 .457 .230 6 ations - .091 .908 .457 .230
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis	2.093 .738 647 .057 1.00 servations - HLC16 car 2.164 1.345 213 .941 1 servations - PHYHELHN ph: 2.191 .953 .331	75 nnot preve	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  nt bad health S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  the new  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  Lth new  S.E. Mean Variance S.E. Kurt	.545 .548 .277 4.00 ations128 1.808 .457 .230 .6 ations091 .908
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum	2.093 .738 647 .057 1.00 Servations - 	75 nnot preve	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  nt bad health S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  lth new  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.545 .548 .277 4.00 ations - 
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum	2.093 .738 647 .057 1.00 Servations - HLC16 car 2.164 1.345 213 .941 1 Servations - PHYHELHN ph: 2.191 .953 .331 .772 1.00	75 nnot preve	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  The bad health S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  Ith new  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.545 .548 .277 4.00 ations -  .128 1.808 .457 .230 .6 ations -  .091 .908 .457 .230 5.00
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	2.093 .738 647 .057 1.00 Servations - HLC16 car 2.164 1.345 213 .941 1 Servations - PHYHELHN ph: 2.191 .953 .331 .772 1.00	75 nnot preve	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  Int bad health S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  Ith new  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  Ith sew Missing observa  Ith sew Missing observa  Ith sew Missing observa	.545 .548 .277 4.00 ations -  .128 1.808 .457 .230 .6 ations -  .091 .908 .457 .230 5.00
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	2.093 .738 647 .057 1.00 Servations - 	75 nnot preve	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  The bad health S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  Ith new  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  d fruits	.545 .548 .277 4.00 ations128 1.808 .457 .230 6 ations091 .908 .457 .230 5.00
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Variable Variable Variable Mean	2.093 .738 647 .057 1.00 Servations - 	75 nnot preve	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  The bad health S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  Ith new  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  d fruits S.E. Mean	.545 .548 .277 4.00 ations -  .128 1.808 .457 .230 .6 ations -  .091 .908 .457 .230 5.00
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Variable	2.093 .738 647 .057 1.00 Servations - 	75 nnot preve	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  The bad health S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  Ith new  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  d fruits	.545 .548 .277 4.00 ations128 1.808 .457 .230 6 ations091 .908 .457 .230 5.00
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Variable Mean Std Dev Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Variable Mean	2.093 .738 647 .057 1.00 Servations - 	75 nnot preve	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  The bad health S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  Ith new  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  d fruits S.E. Mean Variance	.545 .548 .277 4.00 ations128 1.808 .457 .230 .6 ations091 .908 .457 .230 5.00 ations081 .747 .449
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs	2.093 .738 647 .057 1.00 Servations - 	75 nnot preve	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  The bad health S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  Ith new S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  d fruits S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  d fruits S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.545 .548 .277 4.00 ations128 1.808 .457 .230 .6 ations091 .908 .457 .230 5.00 ations091

Variable H	LC2.03 hlc	m2 q3			
Mean	2.213		C F Moss	155	
Std Dev	1.339		S.E. Mean Variance S.E. Kurt	.155 1.792	
Kurtosis	.125		S.E. Kurt	.548	
Skewness	1.056		S.E. Skew	.277	
Minimum	1.00		Maximum	6.00	
Valid obser	vations -	75	Missing observa	tions -	40
					-
Variable H	LC3 hlcd	<b>1</b> 3			
Mean	2.266		S.E. Mean	.135	
Std Dev	1.405		Variance	1.975	
Kurtosis	1.405 .544		S.E. Kurt	.459	
Skewness	1.124		S.E. Skew	.231	
Minimum	1		Maximum	6	
Valid obser	vations -	109	Missing observa	tions -	6
					-
Variable H	LC15 avo.	id bad hea	lth do what doctor		
Mean	2.275		S.E. Mean	.121	
Std Dev			Variance	1.609	
Kurtosis	238		S.E. Kurt	.459	
Skewness	.796			.231	
Minimum	1		Maximum	6	
Valid obser	vations -	109	Missing observa	tions -	6
					-
Variable H	LC2.08 hlc	tm2 q8			
Mean	2.373		S.E. Mean Variance	.157	
Std Dev	1.363		Variance	1.859	
Kurtosis	124		S.E. Kurt	.548	
Skewness	. 866		S.E. Skew	.2//	
Minimum	1.00		Maximum	6.00	
Valid obser	vations -	75	Missing observa	tions -	40
	~				_
Variable S	ATFAT2 sat				-
		urated fat	. tm2	071	_
Mean	2.427	urated fat	. tm2 S.E. Mean	.071	-
		urated fat	.tm2 S.E. Mean Variance	.071 .383 .548	_
Mean Std Dev	2.427 .619 197	urated fat	S.E. Mean Variance S.E. Kurt S.E. Skew	.383 .548 277	_
Mean Std Dev Kurtosis	2.427 .619	urated fat	S.E. Mean Variance S.E. Kurt S.E. Skew	.383 .548	_
Mean Std Dev Kurtosis Skewness Minimum	2.427 .619 197 .111 1.00	urated fat	S.E. Mean Variance S.E. Kurt	.383 .548 .277 4.00	40
Mean Std Dev Kurtosis Skewness Minimum. Valid obser	2.427 .619 197 .111 1.00	urated fat	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.383 .548 .277 4.00	
Mean Std Dev Kurtosis Skewness Minimum Valid obser	2.427 .619 197 .111 1.00 vations -	urated fat 75	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.383 .548 .277 4.00 tions -	
Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable H	2.427 .619 197 .111 1.00 vations -	urated fat 75	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.383 .548 .277 4.00 tions -	
Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable H Mean Std Dev	2.427 .619 197 .111 1.00 vations - LC8 if	urated fat 75	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa i will have bad he S.E. Mean Variance	.383 .548 .277 4.00 tions - 	
Mean Std Dev Kurtosis Skewness Minimum. Valid obser Variable H Mean Std Dev Kurtosis	2.427 .619 197 .111 1.00 vations -  LC8 if 2.440 1.417 394	urated fat 75	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  i will have bad he S.E. Mean Variance S.E. Kurt	.383 .548 .277 4.00 tions -  alth .136 2.008 .459	
Mean Std Dev Kurtosis Skewness Minimum Valid obser  Variable H  Mean Std Dev Kurtosis Skewness	2.427 .619 197 .111 1.00 vations - 	urated fat 75	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  i will have bad he  S.E. Mean Variance S.E. Kurt S.E. Skew	.383 .548 .277 4.00 tions -  alth .136 2.008 .459 .231	
Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable H Mean Std Dev Kurtosis Skewness Minimum	2.427 .619 197 .111 1.00 vations - ILC8 if 2.440 1.417 394 .770	urated fat	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  i will have bad he  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.383 .548 .277 4.00 tions - 	
Mean Std Dev Kurtosis Skewness Minimum Valid obser  Variable H Mean Std Dev Kurtosis Skewness Minimum Valid obser	2.427 .619 197 .111 1.00 vations - LC8 if 2.440 1.417 394 .770 1	75 it's meant	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa i will have bad he S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.383 .548 .277 4.00 tions - 	6
Mean Std Dev Kurtosis Skewness Minimum.  Valid obser  Variable H  Mean Std Dev Kurtosis Skewness Minimum  Valid obser	2.427 .619 197 .111 1.00 vations - LC8 if 2.440 1.417 394 .770 1	75 it's meant	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa i will have bad he S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.383 .548 .277 4.00 tions - 	6
Mean Std Dev Kurtosis Skewness Minimum Valid obser  Variable H Mean Std Dev Kurtosis Skewness Minimum Valid obser  Variable W	2.427 .619 197 .111 1.00 vations - ILC8 if 2.440 1.417 394 .770 1 vations -	75 it's meant	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa i will have bad he S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.383 .548 .277 4.00 tions - 	6
Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable H Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable W Mean	2.427 .619 197 .111 1.00 vations - 	75 it's meant	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa i will have bad he S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.383 .548 .277 4.00 tions - 	6
Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable H Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable W Mean Std Dev	2.427 .619 197 .111 1.00 vations - ILC8 if 2.440 1.417 394 .770 1	75 it's meant	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  i will have bad he  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  cereal self efficace S.E. Mean Variance	.383 .548 .277 4.00 tions - 	6
Mean Std Dev Kurtosis Skewness Minimum.  Valid obser  Variable H  Mean Std Dev Kurtosis Skewness Minimum  Valid obser  Variable W  Mean Std Dev Kurtosis	2.427 .619 197 .111 1.00 vations - 	75 it's meant	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa i will have bad he S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.383 .548 .277 4.00 tions - 	6
Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable H Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable W Mean Std Dev	2.427 .619 197 .111 1.00 vations - ILC8 if 2.440 1.417 394 .770 1 vations -	75 it's meant	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  i will have bad he  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  cereal self efficace S.E. Mean Variance S.E. Mean Variance S.E. Mean Variance S.E. Mean Variance S.E. Kurt	.383 .548 .277 4.00 tions - 	6
Mean Std Dev Kurtosis Skewness Minimum Valid obser  Variable H Mean Std Dev Kurtosis Skewness Minimum Valid obser  Variable W Mean Std Dev Kurtosis Skewness Minimum	2.427 .619 197 .111 1.00 vations -  LC8 if  2.440 1.417394 .770 1  vations -  CGCRSE who  2.472 1.862 74.637 7.914	75 it's meant 109 legrain &	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  i will have bad he  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  cereal self efficace S.E. Mean Variance S.E. Kurt S.E. Skew	.383 .548 .277 4.00 tions - 	6 -
Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable H Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable W Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable W Mean Std Dev Kurtosis Skewness Minimum Valid obser	2.427 .619 197 .111 1.00 vations - ILC8 if 2.440 1.417 394 .770 1 vations - ICCRSE who 2.472 1.862 74.637 7.914 1	75 it's meant 109 legrain &	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  i will have bad he S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  cereal self efficace S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.383 .548 .277 4.00 tions	6 - 7
Mean Std Dev Kurtosis Skewness Minimum Valid obser  Variable H Mean Std Dev Kurtosis Skewness Minimum Valid obser  Variable W Mean Std Dev Kurtosis Skewness Minimum Valid obser  Variable W Mean Std Dev Kurtosis Skewness Minimum Valid obser	2.427 .619 197 .111 1.00 vations - ILC8 if 2.440 1.417 394 .770 1 vations - ICGCRSE who 2.472 1.862 74.637 7.914 1	75 it's meant 109 legrain &	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa i will have bad he S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa cereal self efficace S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.383 .548 .277 4.00 tions	6 - 7
Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable H Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable W Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable W Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable H	2.427 .619 197 .111 1.00 vations - ILC8 if 2.440 1.417 394 .770 1 vations - ICGCRSE who 2.472 1.862 74.637 7.914 1	75 it's meant 109 legrain &	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa i will have bad he S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa cereal self efficace S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.383 .548 .277 4.00 tions	6
Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable H Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable W Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable W Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable H Mean	2.427 .619197 .111 1.00  vations LC8 if  2.440 1.417394 .770 1  vationsGCRSE who  2.472 1.862 74.637 7.914 1  vationsLC14 if	75 it's meant 109 legrain &	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  i will have bad he S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  cereal self efficace S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  discovered to the self efficace will be an accident	.383 .548 .277 4.00 tions	6 - 7
Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable H Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable W Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable W Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable H	2.427 .619 197 .111 1.00 vations -  ILC8 if  2.440 1.417394 .770 1  vations -  ICCSE who  2.472 1.862 74.637 7.914 1  vations -  ICC14 if  2.486 1.425243	75 it's meant 109 legrain &	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  i will have bad he  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  cereal self efficac  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  dereal self efficac  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  A will be an accident S.E. Mean Variance S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.383 .548 .277 4.00 tions	6 - 7
Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable H Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable W Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable W Mean Std Dev Kurtosis Skewness Minimum Valid obser Variable H Mean Std Dev	2.427 .619 197 .111 1.00 vations -  LC8 if  2.440 1.417394 .770 1  vations -  CGCRSE who  2.472 1.862 74.637 7.914 1  vations -  LC14 if  2.486 1.425	75 it's meant 109 legrain &	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa i will have bad he S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  cereal self efficace S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  dereal self efficace S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  Missing observa  dereal self efficace S.E. Mean Variance S.E. Mean Variance S.E. Mean Variance	.383 .548 .277 4.00 tions	6

Valid obser	rvations -	109	Missing observat	ions -	6
Variable t	HLC1 heal	+h logue	of gentral gl		-
		.cn rocus	<del>-</del>		
Mean	2.495		S.E. Mean	.142	
Std Dev	1.482		Variance	2.197	
Kurtosis	244		S.E. Kurt	.459 .231	
Skewness	.800		S.E. Skew	.231	
Minimum			Maximum	6	
Walid obgo		100	Missing observat		6
·					-
Variable S	SFSEF sat	fat self	efficacy		
Mean	2.513		S.E. Mean	.063	
Std Dev	2.313				
	. 670		Variance	.448	
Kurtosis	.913		S.E. Kurt	.451	
Skewness	.405		S.E. Skew	.227	
Minimum	1		Maximum	5	
Valid obse	rvations -	113	Missing observat	ions -	2
	- <b></b>				-
Variable 1	HLC2.12 hlc	m2 q12			
Mean	2.533		S.E. Mean	.155	
Std Dev	1.339		S.E. Mean Variance	1.793	
Kurtosis	041		S.E. Kurt	.548	
Skewness					
Minimum	.881 1.00		S.E. Skew Maximum	.277 6.00	
					4.0
Valid obse	rvations -	75	Missing observat	ions -	40
	HLC2.14 hlc	cm2 q14			
Mean	2.533		S.E. Mean	.155	
Std Dev	1.339		Variance	1.793	
Kurtosis	347		S.E. Kurt	.548	
Skewness	.673		S.E. Skew	.277	
Minimum	1.00		Maximum	6.00	
Valid obse	rvations -	75	Missing observat	ions -	40
			-		
	CERNDIS2 con				
				100	
Mean	2.600		S.E. Mean Variance	.122	
Std Dev	1.053		Variance	1.108	
Kurtosis	-1.053		S E Kurt	. 548	
Skewness	414		S.E. Skew	.277	
Minimum	1.00		Maximum	4.00	
Walid abaa		75	Missing observat	iona -	4.0
			missing Observac		
	COCERDIS con				
				222	
Mean	2.640		S.E. Mean Variance	.096	
Std Dev	1.016		Variance	1.033	
Kurtosis	969		S.E. Kurt S.E. Skew	.455	
Skewness	335		S.E. Skew	.229	
Minimum			Maximum	4	
Valid obse	rvations -	111	Missing observat	ions -	4
Variable	CEREAL who	legrain a	nd cereals		
Mean	2.640		S.E. Mean	.085	
Std Dev			Variance	.816	
Kurtosis	613		S.E. Kurt	.449	
Skewness	.193		S.E. Skew	.226	
Minimum	1		Maximum	5	
Valid cbse	rvations -	114	Missing observat	ions -	1
Variable	HLC12 reg	ular cont	act with doctor avoid	ls bad h	
Woo-	2 (45		C E V	120	
Mean	2.645		S.E. Mean Variance	1 064	
Std Dev Kurtosis	1.365 583		Variance S.E. Kurt		
WAT CODY2	505		J.L. Ruit	. 45/	

Skewness Minimum	.514 1		S.E. Skew Maximum	.230 6	
Valid observa	tions -	110	Missing observat	ions -	5
					-
Variable HLC	2.06 hlc	tm2 q6			
Mean	2.667		S.E. Mean	.158	
Std Dev	1.369		Variance	1.874	
Kurtosis	317		S.E. Kurt	.548	
Skewness Minimum	.565 1.00		S.E. Skew Maximum	.277 6.00	
Valid observa	tions -	75	Missing observat	ions -	4(
<b></b> -					-
Variable HLC	2.09 hlc	tm2 q9			
Mean	2.693			.154	
Std Dev	1.335		Variance	1.783	
Kurtosis Skaumass	807 .376		S.E. Kurt	.548	
Skewness Minimum	1.00		S.E. Skew Maximum	.277 6.00	
Valid observa	tions -	75	Missing observat	ions -	4(
Variable HLC	'9 fam	ilvis to	be blamed for bad he	 alth	-
		, 15 00			
Mean Std Dev	2.826		S.E. Mean	.152	
Sta Dev Kurtosis	1.592 823		Variance S.E. Kurt	.459	
Skewness	823 .474		S.E. Kurt S.E. Skew	.231	
Minimum	1		Maximum	6	
Valid observa	tions -	109	Missing observat	cions -	(
<b>-</b>					· -
Variable HED	MIG hea	daches mi	graines neuro disorde	ers	
Mean	2.829		S.E. Mean	.151	
Std Dev	1.595		Variance	2.543	
Kurtosis	-1.482		S.E. Kurt	.455	
Skewness	.217		S.E. Skew	.229	
Minimum	1		Maximum	5	
Valid cbserva	tions -	111	Missing observat	cions -	4
					-
Variable JOB	_	as time	two		
Mean	2.901		S.E. Mean		
Std Dev	1.916		Variance	3.672	
Kurtosis			S.E. Kurt	.455	
Skewness Minimum	.302 1		S.E. Skew Maximum	. 229 6	
		111	Missing observat		
Variable FAT	: sat	urated fa	ts		
Mean	2.947		S.E. Mean	.070	
Mean Std Dev	751		Variance	.564	
Kurtosis	038		S.E. Kurt	.449	
Skewness Minimum	.470		S.E. Skew Maximum	.226 5	
		114			
vallu observa	icions -	114	Missing observat		
Variable CER	NEAR?	 	r heal belief tm2		- -
		cern nea			
Mean	2.960		S.E. Mean	.125	
Std Dev	1.084		Variance	1.174	
Kurtosis			S.E. Kurt	.548 .277	
Skewness	705 1 00		S.E. Skew	.277 4.00	
Minimum	1.00		Maximum		
valid observa	itions -	75	Missing observat	tions -	4.0
Variable JOE	3 000	unation			

Std Dev Kurtosis	1.939		S.E. Mean Variance	.182 3.760	
	-1.648		S.E. Kurt	.449	
Skewness	.245		S.E. Skew	.226	
Minimum	1		Maximum	6	
Valid obser	rvations -	114	Missing observat	tions -	1
- <del>-</del>					-
Variable 1	LIKDIST2 lik	ely distar	nt tm2		
Mean	3.000		S.E. Mean		
Std Dev			Variance	.611	
Kurtosis	.590		S.E. Kurt	.555	
Skewness	717		S.E. Skew	.281	
Minimum	1.00		Maximum	4.00	
Valid obse	rvations -	73	Missing observa	tions -	42
					-
Variable 1	HLC6 hlc	q6			
Mean	3.018		S.E. Mean	.156	
Std Dev	1.631		S.E. Mean Variance	2.660	
Kurtosis			S.E. Kurt	.457	
Skewness	.423		S.E. Skew	.230	
Minimum	1		Maximum	6	
Valid obse	rvations -	110	Missing observa	tions -	5
					-
Variable	CONRFU con	cern near	future		
Mean	3.027		S.E. Mean	.098	
Std Dev	1.035		Variance S.E. Kurt	1.071	
Kurtosis	943		S.E. Kurt	.453	
Skewness	600		S.E. Skew Maximum	.228	
Minimum	1		Maximum	4	
Valid obse	rvations -	112	Missing observa	tions -	3
					-
Variable	LIKDIST lik	elyhood d	istant future		
Mean	3.036		S.E. Mean	.076	
Std Dev	.805		Variance	.647	
Kurtosis	283		S.E. Kurt	.453	
Skewness	488		S.E. Skew	.228	
Minimum	1				
			Maximum	4	
Valid obse	rvations -	112	Maximum Missing observa		3
			Missing observa		3
	HLC18 if		Missing observa	tions -	3
 Variable Mean			Missing observa	tions -	3
 Variable Mean Std Dev	HLC18 if 3.191 1.732		Missing observa  in i am to blame  S.E. Mean  Variance	.165	3
Variable Mean Std Dev Kurtosis	HLC18 if 3.191 1.732 -1.386		Missing observa  in i am to blame  S.E. Mean  Variance	.165	3
Variable Mean Std Dev Kurtosis Skewness	HLC18 if 3.191 1.732 -1.386 .034		Missing observa	tions -	3
Variable Mean Std Dev Kurtosis Skewness Minimum	HLC18 if  3.191 1.732 -1.386 .034 1	 bad healtl	Missing observa  i am to blame  S.E. Mean Variance S.E. Kurt S.E. Skew	.165 3.000 .457 .230	-
Variable Mean Std Dev Kurtosis Skewness Minimum	HLC18 if  3.191 1.732 -1.386 .034 1	 bad healtl	Missing observa  n i am to blame  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.165 3.000 .457 .230	-
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse	HLC18 if  3.191 1.732 -1.386 .034 1	bad health	Missing observa  n i am to blame  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.165 3.000 .457 .230	-
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse	HLC18 if  3.191 1.732 -1.386 .034 1 ervations HLC2.11 hlc	bad health	Missing observa  i am to blame  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean	.165 3.000 .457 .230 6	-
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev	HLC18 if  3.191 1.732 -1.386 .034 1 ervations HLC2.11 hlc	bad health	Missing observa  i am to blame  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean	.165 3.000 .457 .230 6 tions -	-
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis	HLC18 if  3.191 1.732 -1.386 .034 1 ervations HLC2.11 hlc  3.253 1.253369	bad health	Missing observa  n i am to blame  S.E. Mean Variance S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt	.165 3.000 .457 .230 6 tions	-
Variable  Mean Std Dev Kurtosis Skewness Minimum  Valid obse  Variable  Mean Std Dev Kurtosis Skewness	HLC18 if  3.191 1.732 -1.386 .034 1 ervations HLC2.11 hlc  3.253 1.253369	bad health	Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew	.165 3.000 .457 .230 6 tions	-
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness	HLC18 if  3.191 1.732 -1.386 .034 1 ervations HLC2.11 hlc	bad health	Missing observa  n i am to blame  S.E. Mean Variance S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt	.165 3.000 .457 .230 6 tions	-
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum	HLC18 if  3.191 1.732 -1.386 .034 1  ervations HLC2.11 hlc  3.253 1.253369 .392 1.00		Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew	.165 3.000 .457 .230 6 tions145 1.570 .548 .277 6.00	<u>-</u>
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum	HLC18 if  3.191 1.732 -1.386 .034 1  ervations HLC2.11 hlc  3.253 1.253369 .392 1.00		Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.165 3.000 .457 .230 6 tions145 1.570 .548 .277 6.00	<u>-</u>
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse	HLC18 if  3.191 1.732 -1.386 .034 1  ervations HLC2.11 hlc  3.253 1.253369 .392 1.00		Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.165 3.000 .457 .230 6 tions145 1.570 .548 .277 6.00	<u>-</u>
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable	HLC18 if  3.191 1.732 -1.386 .034 1  ervations HLC2.11 hlc 3.253 1.253369 .392 1.00  ervations HLC2.18 tm2		Missing observa	.165 3.000 .457 .230 6 tions145 1.570 .548 .277 6.00	<u>-</u>
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Variable	HLC18 if  3.191 1.732 -1.386 .034 1  ervations HLC2.11 hlc 3.253 1.253369 .392 1.00  ervations HLC2.18 tm2		Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.165 3.000 .457 .230 6 tions145 1.570 .548 .277 6.00	<u>-</u>
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Variable Mean Std Dev	HLC18 if  3.191 1.732 -1.386 .034 1  ervations HLC2.11 hlc  3.253 1.253369 .392 1.00  ervations HLC2.18 tm2  3.267 1.773		Missing observa  i am to blame  S.E. Mean Variance S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Mean Variance S.E. Mean Variance	.165 3.000 .457 .230 6 tions145 1.570 .548 .277 6.00	<u>-</u>
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Variable Mean Std Dev	HLC18 if  3.191 1.732 -1.386 .034 1  ervations HLC2.11 hlc 3.253 1.253369 .392 1.00  ervations HLC2.18 tm2		Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.165 3.000 .457 .230 6 tions145 1.570 .548 .277 6.00	<u>-</u>
Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse Variable Mean Std Dev Kurtosis	HLC18 if  3.191 1.732 -1.386 .034 1  ervations HLC2.11 hlc  3.253 1.253369 .392 1.00  ervations HLC2.18 tm2  3.267 1.773 -1.331		Missing observa  i am to blame  S.E. Mean Variance S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observa	.165 3.000 .457 .230 6 tions145 1.570 .548 .277 6.00 .tions205 3.144 .548	<u>-</u>

Waniahla	1 TWNDDDD 1 1 4 1	1.33			
Variable	LIKNERFU like	lyhood n	ear health belief		
Mean	3.384		S.E. Mean	.076	
Std Dev	.808		Variance	.653	
Kurtosis			S.E. Kurt	.453	
Skewness Minimum			S.E. Skew Maximum	.228 4	
Valid obs	ervations -	112	Missing observat	ions -	3
					-
Variable	HLC11 reco	verv dep	ends on other people		
Mean	3.468	,	S.E. Mean	.127	
Std Dev			Variance	1.770	
Kurtosis			S.E. Kurt	.459	
Skewness			S.E. Skew		
Minimum	1		Maximum	6	
Valid obs	ervations -	109	Missing observat	ions -	6
					_
Variable	LIKNER2 like	olv near	future time2		
		ary mean		.092	
Mean Std Dev	3.479 784		S.E. Mean Variance	.614	
Kurtosis			S.E. Kurt	.555	
Skewness			S.E. Skew	.281	
Minimum			Maximum	5.00	
Valid obs	ervations -	73	Missing observat	ions -	42
					_
Transable.	PYCEEE		£ .fficam, time one		
		cise sei	f efficacy time one		
Mean	3.562		S.E. Mean	.255	
Std Dev	2.694 107		Variance	7.257 .453	
Kurtosis Skewness			S.E. Kurt S.E. Skew		
Minimum			Maximum	10	
		110	Missing observat		3
valid obs	ervations -	112	missing observat	TOUS -	,
					-
Variable	PHYHELTH phys	sical hea			-
Variable	3.777	sical hea		.089	-
	3.777	sical hea	alth S.E. Mean Variance	.089	-
Mean	3.777 .946	sical hea	S.E. Mean	.896 .453	-
Mean Std Dev Kurtosis Skewness	3.777 .946 .246 705	sical hea	S.E. Mean Variance S.E. Kurt S.E. Skew	.896 .453 .228	-
Mean Std Dev Kurtosis Skewness Minimum	3.777 .946 .246 705		S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.896 .453 .228 5	-
Mean Std Dev Kurtosis Skewness Minimum	3.777 .946 .246 705		S.E. Mean Variance S.E. Kurt S.E. Skew	.896 .453 .228 5	3
Mean Std Dev Kurtosis Skewness Minimum Valid obs	3.777 .946 .246 705 1	112	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.896 .453 .228 5	
Mean Std Dev Kurtosis Skewness Minimum Valid obs	3.777 .946 .246 705 1	112	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat	.896 .453 .228 5	
Mean Std Dev Kurtosis Skewness Minimum Valid obs	3.777 .946 .246 705 1 servations -	112	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat	.896 .453 .228 5 tions -	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev	3.777 .946 .246 705 1 servations - 	112	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observa	.896 .453 .228 5 tions -	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis	3.777 .946 .246 705 1 servations - 	112	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  f efficacy time two S.E. Mean Variance S.E. Kurt	.896 .453 .228 5 tions -	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis	3.777 .946 .246 705 1 servations - 	112	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  If efficacy time two S.E. Mean Variance S.E. Kurt	.896 .453 .228 5 tions - 	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum	3.777 .946 .246 705 1 servations - EXER2 exer 3.907 2.776 499 .858 1.00	112 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  If efficacy time two S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.896 .453 .228 5 tions - 	-
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum	3.777 .946 .246 705 1 servations - EXER2 exer 3.907 2.776 499 .858 1.00	112 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  If efficacy time two S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat	.896 .453 .228 5 tions -  .321 7.707 .548 .277 10.00	-
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum	3.777 .946 .246 705 1 servations - EXER2 exer 3.907 2.776 499 .858 1.00	112 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  If efficacy time two S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.896 .453 .228 5 tions -  .321 7.707 .548 .277 10.00	-
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs	3.777 .946 .246 705 1 servations - EXER2 exer 3.907 2.776 499 .858 1.00	112 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  If efficacy time two S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat	.896 .453 .228 5 tions - .321 7.707 .548 .277 10.00	-
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	3.777 .946 .246 705 1 servations - EXER2 exer 3.907 2.776 499 .858 1.00 servations -	112 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  If efficacy time two S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat	.896 .453 .228 5 tions - .321 7.707 .548 .277 10.00	-
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	3.777 .946 .246 705 1 servations - EXER2 exer 3.907 2.776 499 .858 1.00 servations -	112 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  If efficacy time two S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat	.896 .453 .228 5 tions - 	-
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	3.777 .946 .246 705 1 servations - EXER2 exer 3.907 2.776 499 .858 1.00 servations - HLC2.04 hlcs 4.253 1.316 332	112 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  If efficacy time two S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.896 .453 .228 5 tions - 	-
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Std Dev Kurtosis Skewness Skewness	3.777 .946 .246 705 1 ervations - EXER2 exer 3.907 2.776 499 .858 1.00 servations - HLC2.04 hlc: 4.253 1.316 332 485	112 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  If efficacy time two S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.896 .453 .228 5 tions - 	-
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum	3.777 .946 .246 705 1 servations - EXER2 exer 3.907 2.776 499 .858 1.00 servations - HLC2.04 hlc4 4.253 1.316 332 485 1.00	112 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  If efficacy time two S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.896 .453 .228 5 tions - 	40
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum	3.777 .946 .246 705 1 servations - EXER2 exer 3.907 2.776 499 .858 1.00 servations - HLC2.04 hlc4 4.253 1.316 332 485 1.00	112 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  If efficacy time two S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.896 .453 .228 5 tions - 	40
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs	3.777 .946 .246 705 1 servations - EXER2 exer 3.907 2.776 499 .858 1.00 servations - HLC2.04 hlcs 4.253 1.316 332 485 1.00	112 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  If efficacy time two S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.896 .453 .228 5 tions - .321 7.707 .548 .277 10.00 tions - .152 1.732 .548 .277 6.00	40
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	3.777 .946 .246 705 1 servations - EXER2 exer 3.907 2.776 499 .858 1.00 servations - HLC2.04 hlcs 4.253 1.316 332 485 1.00	112	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  If efficacy time two S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  Missing observat  Missing observat  Missing observat  Missing observat	.896 .453 .228 5 tions - .321 7.707 .548 .277 10.00 tions - .152 1.732 .548 .277 6.00	40
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	3.777 .946 .246705 .1 servations -  EXER2 exer  3.907 2.776499 .858 1.00 servations -  HLC2.04 hlc:  4.253 1.316332485 1.00 servations -	112	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  If efficacy time two S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  S.E. Skew Maximum Missing observat	.896 .453 .228 5 tions	40
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Variable Mean Valid obs	3.777 .946 .246705 .1 servations -  EXER2 exer  3.907 2.776499 .858 1.00 servations -  HLC2.04 hlc4  4.253 1.316332485 1.00 servations -	112	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  If efficacy time two S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  S.E. Skew Maximum Missing observat	.896 .453 .228 5 tions	40
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs	3.777 .946 .246 705 1 servations - EXER2 exer 3.907 2.776 499 .858 1.00 servations - HLC2.04 hlcs 4.253 1.316 332 485 1.00 servations -	112	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  If efficacy time two S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  Missing observat  Missing observat  Missing observat  Missing observat	.896 .453 .228 5 tions - 	40
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Variable Mean Valid obs	3.777 .946 .246705 .1 servations -  EXER2 exer  3.907 2.776499 .858 1.00 servations -  HLC2.04 hlc4  4.253 1.316332485 1.00 servations -  HLC4 hlc6  4.418 1.288129	112	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  If efficacy time two S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  S.E. Skew Maximum  Missing observat  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observat  S.E. Mean Variance  S.E. Mean Variance	.896 .453 .228 5 tions	40
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	3.777 .946 .246 705 1 servations - EXER2 exer 3.907 2.776 499 .858 1.00 servations - HLC2.04 hlcs 4.253 1.316 332 485 1.00 servations - HLC4 hlcs	112	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  If efficacy time two S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observat  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observat  S.E. Kurt S.E. Skew Maximum  Missing observat  S.E. Kurt S.E. Skew Maximum  Missing observat  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.896 .453 .228 5 tions - 	40

Valid observa	tions - 11	LO Miss	ing observations	- 5
Variable HLC	2.07 hlctm2	<b>q</b> 7		
Mean	4.613		E. Mean .:	
Std Dev	1.293		riance 1.	673
Kurtosis	1.069		E. Kurt	548
Skewness	-1.200			277
Minimum	1.00	Max	ximum 6	.00
Valid observa	tions -	75 Miss	ing observations	- 40
		~		
Variable HLC	2.10 hlctm2	q10		
Mean	4.640	s.	E. Mean .	130
Std Dev			riance 1.	261
Kurtosis	1.880		E. Kurt	548
Skewness Minimum	1.00		E. Skew ximum 6	.00
MITTIMOM	1.00	Ma	XIMUM	.00
Valid observa	tions -	75 Miss	ing observations	- 40
Variable HLC	7 what i 4.682	myself do affe		112
Mean Std Dev	4.682 1.173	S.:	E. Mean . riance 1.	114 375
Kurtosis	.705		riance 1. E. Kurt .	373 457
Kurtosis Skewness	883		E. Kurt . E. Skew .	457 230
Minimum	883 1			6
			ing observations	
Variable SEV	DEPRS severe	depression tim	e one	
Mean	4.692	q	E. Mean .	449
Std Dev	4.641	Va	E. Mean . riance 21.	536
Kurtosis	167		E. Kurt .	463
Skewness	.746			234
Minimum	.00		ximum 18	.00
Valid observa	tions - 10	07 Miss	ing observations	- 8
Variable HLC	10 own bel	havior detemine	s recovery	
Mean	4.725	s.	E. Mean . riance 1.	114
Std Dev	1.193	Va	riance 1.	
Kurtosis	1.894	ρ.	E. RUIC .	459
	-1.315			231 6
Minimum	1	Ma	ximum	6
Valid observa	tions - 1		ing observations	
	0.05			
Variable HLC	2.05 hlctm2 4.813	_	E Moon	124
Mean Std Dev			E. Mean	154
Kurtosis	1.074 1.251		E. Kurt .	548
Skewness	-1.027			277
Minimum	1.00			.00
Valid observa	tions -	75 Miss	ing observations	- 40
Variable HLC	5 hlcq5			
Mean	4.818	S.	E. Mean .	101
Std Dev			riance 1.	123
Kurtosis	1.260		E. Kurt .	457
Skewness	-1.089	s.	E. Skew .	230
Minimum	1	Ma	ximum	6
Valid observa	tions - 1	10 Miss	ing observations	- 5
Variable HLC	2.02 hlctm2	<b>q</b> 2		
Mean	4.880	<b>S</b> .	E. Mean .	131
Std Dev	1.139		E. Mean	296
Kurtosis	1.997	S.		548

Variable E Mean Std Dev Kurtosis Skewness Minimum Valid obser		·	Maximum Missing observa iourexer cise	6.00 tions -	40
Variable F Mean Std Dev Kurtosis Skewness Minimum Valid obser	4.895 3.348 -1.363	·			
Mean Std Dev Kurtosis Skewness Minimum Valid obser	4.895 3.348 -1.363 .417	lth behavi	iourexer cise		
Std Dev Kurtosis Skewness Minimum Valid obser Variable F	3.348 -1.363 .417				
Kurtosis Skewness Minimum Valid obser  Variable F	-1.363 .417		S.E. Mean	.314	
Skewness Minimum  Valid obser   Variable F	.417		S.E. Mean Variance	11.210	
Minimum Valid obser  Variable F	. <b>41</b> 7 1		S.E. Kurt	.449	
Valid obser  Variable F	1		S.E. Skew		
 Variable F			Maximum	10	
			Missing observa	tions -	1
					-
Mean	ILC2 hlco	<b>q</b> 2			
			S.E. Mean	.102	
Std Dev	1.066 .616		Variance S.E. Kurt	1.137 .457	
Kurtosis Skewness	-1.054		S.E. Kurt S.E. Skew	.230	
Minimum			Maximum	6	
Valid obser	rvations -	110	Missing observa	tions -	5
				. <b></b>	
		al health	belief distant time		
Mean Std Dev	7.419 1.825		S.E. Mean Variance	.232	
Std Dev Kurtosis	.646		Variance S.E. Kurt	.599	
Skewness	084		S.E. Skew	.304	
Minimum	3.00		Maximum	12.00	
Valid obse	rvations -	62	Missing observa	itions -	53
Variable H	HELBEL1D lik	edist and	serdist and concerd	list tm1	
Mean Std Dev	7.593 2.046		S.E. Mean Variance	.197 4.188	
Std Dev Kurtosis	571		S.E. Kurt	.461	
Skewness	046		S.E. Skew	.233	
Minimum	3.00		Maximum	12.00	
Valid obse	rvations -	108	Missing observa	ations -	7
		al of fat	s veges & whgrains t		
Mean	7.796		S.E. Mean	.185	
Std Dev Kurtosis	1.965 357		Variance S.E. Kurt	3.860 .451	
Skewness	.225		S.E. Skew	.227	
Minimum	4.00		Maximum		
Valid obse	rvations -	113	Missing observa	ations -	2
Variable 1	HELBEL2N tot	al health	belief time two nea	ar future	
Mean	8.312		S.E. Mean	.195	
Std Dev	2.040		S.E. Mean Variance S.E. Kurt	4.161	
Kurtosis	102		S.E. Kurt	.459	
Skewness Minimum	560 3.00		S.E. Skew Maximum	.231 12.00	
Valid obse	rvations -	109	Missing observa		6
Variable	HELBEL1N tot	al health	n belief near timel		
Mean			S.E. Mean Variance	.195	
Std Dev	2.040				
Kurtosis	102		S.E. Kurt	.459 .231	
Skewness	560		S.E. Skew Maximum	.231 12 00	
	3.00				-
Valid obse	rvations -	109	Missing observe	ations -	6

Mean Std Dev	8.421 5.043		S.E. Mean Variance	.488 25.435
Kurtosis			S.E. Kurt	.463
Skewness			S.E. Skew	
Minimum	.00		Maximum	24.00
			Missing observa	
Variable	SOCDYSFU soc	ial dysfun	ction time one	
Mean	9.402		S.E. Mean	.425 19.299
Std Dev Kurtosis	4.393 763		Variance S.E. Kurt	.463
Skewness			S.E. Skew	.234
Minimum			Maximum	
Valid obs	ervations -	107	Missing observa	tions -
Variable	ANXINSOM and	ciety and i	nsomnia tm1	
Mean	9.804		S.E. Mean	.608
Std Dev	6.286		Variance	39.518
Kurtosis			S.E. Kurt	.463
Skewness	.694 .00		S.E. Skew	.234 27.00
Minimum			Maximum	
Valid obs	ervations -	107	Missing observa	ations -
Variable		tal of illr	ness from injuries	
Mean			S.E. Mean Variance	.318
Std Dev	3.278			
Kurtosis			S.E. Kurt	
Skewness Minimum			S.E. Skew Maximum	.235 21.00
Valid -L-	arrations	106	Missing observ	ations -
valid obs	ervations -	100	missing observe	acions -
Variable	CHANCE2 cha	ance locus	of control tm2	
	13.032			656
Mean Std Dev	5.205		S.E. Mean Variance	.656 27.096
Kurtosis			S.E. Kurt	.595
Skewness			S.E. Skew	.302
Minimum	6.00		Maximum	26.00
Valid obs	ervations ~	63	Missing observ	ations -
Variable	CHANCE cha	ance locus	of control tm1	
Mean	13.990		S.E. Mean Variance	.520
Std Dev	5.298		Variance	28.068
Kurtosis	772		S.E. Kurt	.469 .237
Skewness Minimum			S.E. Skew Maximum	26.00
		104	Missing observ	
	HETHBEH2 he	alth behav	iuor2 time one mult	iple of
Variable			S.E. Mean	.508
Variable Mean	14.071			29.156
	5.400		Variance	
Mean Std Dev	5.400		S.E. Mean Variance S.E. Kurt	.451
Mean Std Dev Kurtosis Skewness	5.400 1.424 1.003		S.E. Kurt S.E. Skew	.451
Mean Std Dev Kurtosis Skewness Minimum	5.400 1.424 1.003 6.00		S.E. Kurt S.E. Skew Maximum	.451 .227 33.00
Mean Std Dev Kurtosis Skewness Minimum Valid obs	5.400 1.424 1.003 6.00 servations -		S.E. Kurt S.E. Skew Maximum Missing observ	.451 .227 33.00 ations -
Mean Std Dev Kurtosis Skewness Minimum Valid obs	5.400 1.424 1.003 6.00 servations -		S.E. Kurt S.E. Skew Maximum	.451 .227 33.00 ations -
Mean Std Dev Kurtosis Skewness Minimum Valid obs	5.400 1.424 1.003 6.00 servations -		S.E. Kurt S.E. Skew Maximum Missing observ	.451 .227 33.00 ations -
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean	5.400 1.424 1.003 6.00 servations - 		S.E. Kurt S.E. Skew Maximum Missing observ iour time one S.E. Mean	.451 .227 33.00 ations -
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev	5.400 1.424 1.003 6.00 servations - 		S.E. Kurt S.E. Skew Maximum  Missing observ  iour time one  S.E. Mean Variance	.451 .227 33.00 ations - 
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis	5.400 1.424 1.003 6.00 servations - 		S.E. Kurt S.E. Skew Maximum Missing observ  iour time one S.E. Mean Variance S.E. Kurt	.451 .227 33.00 ations - 440 21.851 .451
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev	5.400 1.424 1.003 6.00 servations - 		S.E. Kurt S.E. Skew Maximum  Missing observ  iour time one  S.E. Mean Variance	.451 .227 33.00 ations - 
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum	5.400 1.424 1.003 6.00 servations - HETHBEH1 he 14.708 4.675 048 .482 7.00		S.E. Kurt S.E. Skew Maximum  Missing observ  iour time one  S.E. Mean Variance S.E. Kurt S.E. Skew	.451 .227 33.00 ations - 

Mean	15.048		S.E. Mean	.693
Std Dev	5.499		Variance	30.240
Kurtosis	.168		S.E. Kurt	.595
Skewness			S.E. Skew	.302
Minimum	6.00		Maximum	31.00
Valid obs	ervations -	63	Missing observ	vations -
Variable	HEALTHT2			
Mean	15.817		S.E. Mean	.404
Std Dev	3.133		Variance	9.813
Kurtosis	709		S.E. Kurt	.608
Skewness	085		S.E. Skew	.309
Minimum	9.00		Maximum	23.00
Valid obs	ervations -	60	Missing observ	vations -
	· <b></b>			
Variable	EXTERNAL p	owerful	others locus of contro	ol tm1
Mean	15.906		S.E. Mean	. 538
Std Dev	5.539		Variance	30.677
Kurtosis	262		S.E. Kurt	
Skewness			S.E. Skew	.235
	6.00		Maximum	
Valid obs	servations -	106	Missing observ	
			`	
Variable	HEALTHT1			
Mean	15.926		S.E. Mean	.363
Std Dev				
			Variance	14.43/
Kurtosis			S.E. Kurt	.461
Skewness Minimum			S.E. Skew Maximum	.233 24.00
Valid obs			Missing observ	
Variable	SKSEF2.B s	moking i	nto tar into confidenc	ce
Mean	16.563		S.E. Mean	7.913
Mean Std Dev	16.563 63.301		S.E. Mean Variance	7.913 4007.044
Mean Std Dev Kurtosis	16.563 63.301 15.909		S.E. Mean	7.913 4007.044 .590
Mean Std Dev Kurtosis	16.563 63.301 15.909 4.054		S.E. Mean Variance	7.913 4007.044
Mean Std Dev Kurtosis Skewness	16.563 63.301 15.909 4.054		S.E. Mean Variance S.E. Kurt	7.913 4007.044 .590
Mean Std Dev Kurtosis Skewness Minimum	16.563 63.301 15.909 4.054		S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	7.913 4007.044 .590 .299 320.00
Mean Std Dev Kurtosis Skewness Minimum Valid obs	16.563 63.301 15.909 4.054 .00 servations -	64	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observ	7.913 4007.044 .590 .299 320.00
Mean Std Dev Kurtosis Skewness Minimum Valid obs	16.563 63.301 15.909 4.054 .00 servations -	64  nternal	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observed.	7.913 4007.044 .590 .299 320.00 vations -
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean	16.563 63.301 15.909 4.054 .00 servations -	64  nternal	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation locus of control tm2 S.E. Mean	7.913 4007.044 .590 .299 320.00 vations -
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev	16.563 63.301 15.909 4.054 .00  Servations - INTERNL2 in 26.698 5.453	64  nternal	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observation  locus of control tm2  S.E. Mean Variance	7.913 4007.044 .590 .299 320.00 vations -
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis	16.563 63.301 15.909 4.054 .00 Servations INTERNL2 i: 26.698 5.453 .319	64  nternal	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observe locus of control tm2 S.E. Mean Variance S.E. Kurt	7.913 4007.044 .590 .299 320.00 vations -
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness	16.563 63.301 15.909 4.054 .00 servations INTERNL2 i: 26.698 5.453 .319523	64  nternal	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observ  locus of control tm2  S.E. Mean Variance S.E. Kurt S.E. Skew	7.913 4007.044 .590 .299 320.00  vations
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum	16.563 63.301 15.909 4.054 .00 servations	64  nternal	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation locus of control tm2 S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	7.913 4007.044 .590 .299 320.00  vations
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs	16.563 63.301 15.909 4.054 .00 servations - INTERNL2 in   26.698 5.453 .319523 10.00 servations -	64  nternal	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observation locus of control tm2  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observation	7.913 4007.044 .590 .299 320.00  vations
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs	16.563 63.301 15.909 4.054 .00  Servations -  INTERNL2  26.698 5.453 .319523 10.00  Servations -	64  nternal 63	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation locus of control tm2 S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation	7.913 4007.044 .590 .299 320.00 vations687 29.730 .595 .302 36.00 vations -
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs	16.563 63.301 15.909 4.054 .00 servations INTERNL2 i: 26.698 5.453 .319523 10.00 servations INTERNAL t	64 nternal 63 otal of	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observable locus of control tm2 S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observable internal locus of control Maximum	7.913 4007.044 .590 .299 320.00  vations
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs	16.563 63.301 15.909 4.054 .000 servations - INTERNL2 i: 26.698 5.453 .319523 10.00 servations -	64  nternal 63  otal of	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observation locus of control tm2  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observation  Missing observation  Missing observation  S.E. Mean	7.913 4007.044 .590 .299 320.00  vations687 29.730 .595 .302 36.00  vations trol tm1 .497
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	16.563 63.301 15.909 4.054 .00  servations - INTERNL2 i: 26.698 5.453 .319523 10.00  servations - INTERNAL t 26.785 5.140	64  nternal 63  otal of	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation locus of control tm2 S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation internal locus of control S.E. Mean Variance	7.913 4007.044 .590 .299 320.00  vations687 29.730 .595 .302 36.00  vations - trol tm1 .497 26.416
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	16.563 63.301 15.909 4.054 .00  servations - INTERNL2  26.698 5.453 .319523 10.00  servations - INTERNAL  t  26.785 5.140 .349	64  nternal 63  otal of	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation locus of control tm2 S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation internal locus of control S.E. Mean Variance S.E. Mean Variance S.E. Mean Variance S.E. Mean Variance S.E. Kurt	7.913 4007.044 .599 320.00 vations687 29.730 .595 .302 36.00 vations - trol tm1 .497 26.416 .463
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	16.563 63.301 15.909 4.054 .00  servations - INTERNL2 i: 26.698 5.453 .319523 10.00  servations - INTERNAL t  26.785 5.140 .349530	64  nternal 63  otal of	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation locus of control tm2 S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation internal locus of control S.E. Mean Variance S.E. Kurt S.E. Skew	7.913 4007.044 .590 .299 320.00  vations
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	16.563 63.301 15.909 4.054 .00  servations - INTERNL2 i: 26.698 5.453 .319523 10.00  servations - INTERNAL t  26.785 5.140 .349530	64  nternal 63  otal of	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation locus of control tm2 S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation internal locus of control S.E. Mean Variance S.E. Mean Variance S.E. Mean Variance S.E. Mean Variance S.E. Kurt	7.913 4007.044 .599 320.00 vations687 29.730 .595 .302 36.00 vations - trol tm1 .497 26.416 .463
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	16.563 63.301 15.909 4.054 .00 servations - INTERNL2 i: 26.698 5.453 .319523 10.00 servations - INTERNAL t  26.785 5.140 .349530 11.00	64 nternal 63 otal of	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation locus of control tm2 S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation internal locus of control S.E. Mean Variance S.E. Kurt S.E. Skew	7.913 4007.044 .590 .299 320.00  vations
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	16.563 63.301 15.909 4.054 .00 servations - INTERNL2 i: 26.698 5.453 .319523 10.00 servations - INTERNAL t  26.785 5.140 .349530 11.00	64 nternal 63 otal of	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation locus of control tm2 S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation internal locus of control S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	7.913 4007.044 .590 .299 320.00  vations
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	16.563 63.301 15.909 4.054 .00 servations - INTERNL2 i: 26.698 5.453 .319523 10.00 servations - INTERNAL t  26.785 5.140 .349530 11.00	64 nternal  63 otal of	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation locus of control tm2 S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation internal locus of control S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	7.913 4007.044 .590 .299 320.00  vations
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Valid obs	16.563 63.301 15.909 4.054 .000 servations - INTERNL2 ii 26.698 5.453 .319523 10.00 servations - INTERNAL t 26.785 5.140 .349530 11.00 servations -	64 nternal  63 otal of	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation locus of control tm2 S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation S.E. Mean	7.913 4007.044 .590 .299 320.00  vations
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	16.563 63.301 15.909 4.054 .00 servations - INTERNL2 in 26.698 5.453 .319523 10.00 servations - INTERNAL to 26.785 5.140 .349530 11.00 servations -	64 nternal  63 otal of	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation locus of control tm2 S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation	7.913 4007.044 .590 .299 320.00  vations 29.730 .595 .302 36.00  vations trol tml .497 26.416 .463 .234 36.00  vations -
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Variable Variable	16.563 63.301 15.909 4.054 .000 servations - INTERNL2 i: 26.698 5.453 .319523 10.00 servations - INTERNAL t 26.785 5.140 .349530 11.00 servations -	64 nternal  63 otal of	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation locus of control tm2 S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing observation S.E. Mean	7.913 4007.044 .590 .299 320.00  vations

Valid obse	rvations -	114	Missing observ	ations -	1
					- <b>-</b>
Variable .	AGE2				
W	27.062			1 046	
Mean	37.063 11.022		S.E. Mean Variance	1.046	
Std Dev Kurtosis	_ 000		variance	121.4/8	
	889 027		S.E. Kurt	.455	
Skewness			S.E. Skew	.229	
Minimum	18		Maximum	59	
Valid obse	rvations -	111	Missing observ	rations -	4
Variable					
Mean Std Dev	56.027		S.E. Mean Variance	3.059	
Std Dev	32.232			1038.917	
Kurtosis	-1.194		S.E. Kurt	.455	
Skewness Minimum	.005 1		S.E. Skew Maximum	.229 113	
	_				
Valid obse	rvations -	111	Missing observ	rations -	4
Variable				_	
Mean			S.E. Mean	3.096	
Std Dev	33.053		Variance	1092.500	
Kurtosis			S.E. Kurt	.449	
Skewness	.000		S.E. Skew	.226	
Minimum	1		Maximum	114	
Valid obse	rvations -	114	Missing observ	ations -	1
	- <b></b>				
Variable		ce self o	efficacy tml includ	ing tar	
Mean	69.223		S.E. Mean	23.627	
Std Dev	239.790		Variance	57499.391	
Kurtosis	19.582		S.E. Kurt	.472	
Skewness	4.314		S.E. Skew	.238	
Minimum	.00		Maximum	1400.00	
Valid obse	rvations -	103	Missing observ	vations -	12
					- <b>-</b>
Variable	EXCONF exe	rcise co	nfidence time one		
Mean	81.294		S.E. Mean	2.134	
Std Dev	22.279		S.E. Mean Variance	496.376	
Kurtosis	1 202		S.E. Kurt	.459	
Skewness			S.E. Skew	.231	
Minimum	1.00		Maximum		
Valid obse		100			6
			Missing obser	AGCTONS -	
Variable	SAFTCON2 sat:				
Marke	00 000		<b></b>	2 550	
Mean			S.E. Mean	2.772	
Std Dev	24.004		Variance	576.210 .548	
Kurtosis	3.475		S.E. Kuit	. 540	
Skewness Minimum	~1.850 3.00		S.E. Skew Maximum	.277 100.00	
		<b>3</b> -			4.0
valld obse		75	Missing obser	vations -	
Variable	SFCON sati				-
			S F Mean	1.992	
Std Dev	83.138 20.799		Variance	432.583	
Kurtosis	3 170		S.E. Kurt	.459	
Skewness			S.E. Kurc S.E. Skew	.231	
Minimum	1.00		S.E. Skew Maximum	100.0	
Valid obse			Missing obser		
Variable	_	rain & c	ereal confidence		
Mean	84.394		S.E. Mean	1.998	
Std Dev	20.375		Variance	415.134	
Kurtosis	3.277		S.E. Kurt	.469	

r-1:4 abaan	-1.631 1.00		S.E. Skew Maximum	.237 100.0	
valid obser	vations -	104	Missing observa	ations -	1
					-
Variable W	IGRCRCF2 who	legrain &	cereal confidence	cm2	
Mean	85.667		S.E. Mean	2.300	
Std Dev	85.667 19.921		S.E. Mean Variance	396.847	
Kurtosis	2.281		S.E. Kurt	.548	
Skewness	-1.554		S.E. Skew	.548 .277	
Minimum	10.00			100.00	
Minimum	10.00		Maximum	100.00	
Valid obser	rvations -	75	Missing observe	ations -	4
					-
Variable E	EXERCON2 exe	rconfidenc	e tm2		
Mean	86.333		S.E. Mean	1.873	
Std Dev	16.219		Variance	263.063	
Kurtosis	.067		S.E. Kurt	.548	
Skewness	976		S.E. Skew	.277	
Minimum	40.00		Maximum	.277 100.00	
Valid obser	rvations -	75	Missing observ		
					. <u>-</u>
Variable V	VGFRCON veg				
	•			4 504	
Mean	86.844		S.E. Mean	1.701 315.374	
Std Dev	17.759		Variance		
Kurtosis	5.434		S.E. Kurt	.459	
Skewness	-1.934		S.E. Skew	.231	
Minimum	1.00		Maximum	100.0	
		109	Missing observ		
	.vacions -	±U3	missing Observ		
Variable I	UCEBCONO TOG	o fruit a	onfidonae tm2		
variable \		e iruit co	onfidence tm2		
Mean	87.067		S.E. Mean	2.280 389.928	
Std Dev	19.747		Variance		
Kurtosis	4.720		S.E. Kurt	.548	
Skewness	-2.022		S.E. Skew	.277	
Minimum	10.00		Maximum	100.00	
Valid obse	rvations -	75	Missing observ	ations -	
Variable :	SKTRCOF2 smk	tar confid	dence tm2		
	92.360		S.E. Mean	2.675	
Mean	23.170		Variance	536.828	
Std Dev				548	
Std Dev Kurtosis	10.943		S.E. Kurt	.548	
Std Dev Kurtosis Skewness	10.943 -3.411		S.E. Kurt S.E. Skew	.548	
Std Dev Kurtosis Skewness	10.943		S.E. Kurt	.548	
Std Dev Kurtosis Skewness Minimum	10.943 -3.411 -1.00	75	S.E. Kurt S.E. Skew	.548 .277 100.00	
Std Dev Kurtosis Skewness Minimum	10.943 -3.411 -1.00	75 	S.E. Kurt S.E. Skew Maximum	.548 .277 100.00	
Std Dev Kurtosis Skewness Minimum Valid obse	10.943 -3.411 -1.00		S.E. Kurt S.E. Skew Maximum Missing observ	.548 .277 100.00	
Std Dev Kurtosis Skewness Minimum Valid obse	10.943 -3.411 -1.00  rvations SMTCON smk		S.E. Kurt S.E. Skew Maximum Missing observ	.548 .277 100.00 rations -	
Std Dev Kurtosis Skewness Minimum Valid obse: Variable Mean	10.943 -3.411 -1.00  rvations SMTCON smk		S.E. Kurt S.E. Skew Maximum  Missing observ  idence  S.E. Mean Variance	.548 .277 100.00 vations - 	
Std Dev Kurtosis Skewness Minimum Valid obse: Variable Mean Std Dev	10.943 -3.411 -1.00  rvations SMTCON smk  94.500 13.554	 c tar conf:	S.E. Kurt S.E. Skew Maximum  Missing observ  idence  S.E. Mean Variance	.548 .277 100.00 vations - 	
Std Dev Kurtosis Skewness Minimum Valid obse: Variable Mean Std Dev Kurtosis	10.943 -3.411 -1.00  rvations SMTCON smk  94.500 13.554	 c tar conf:	S.E. Kurt S.E. Skew Maximum  Missing observ  idence  S.E. Mean Variance S.E. Kurt	.548 .277 100.00 vations - 	
Std Dev Kurtosis Skewness Minimum Valid obse: Variable Mean Std Dev Kurtosis Skewness	10.943 -3.411 -1.00  rvations SMTCON smk	 c tar conf:	S.E. Kurt S.E. Skew Maximum  Missing observ  idence  S.E. Mean Variance	.548 .277 100.00 vations - 	-
Std Dev Kurtosis Skewness Minimum Valid obse: Variable Mean Std Dev Kurtosis Skewness Minimum	10.943 -3.411 -1.00  rvations  SMTCON	tar conf	S.E. Kurt S.E. Skew Maximum  Missing observ  idence  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.548 .277 100.00 rations - 	
Std Dev Kurtosis Skewness Minimum Valid obse: Variable Mean Std Dev Kurtosis Skewness Minimum	10.943 -3.411 -1.00  rvations  SMTCON	tar conf	S.E. Kurt S.E. Skew Maximum  Missing observ  idence  S.E. Mean Variance S.E. Kurt S.E. Skew	.548 .277 100.00 vations	-
Std Dev Kurtosis Skewness Minimum  Valid obse:  Variable  Mean Std Dev Kurtosis Skewness Minimum  Valid obse:	10.943 -3.411 -1.00  rvations  SMTCON smk  94.500 13.554 4.963 -2.487 50.00  rvations -	94	S.E. Kurt S.E. Skew Maximum  Missing observ  idence  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observ	.548 .277 100.00 rations - 	-
Std Dev Kurtosis Skewness Minimum Valid obse: Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse:	10.943 -3.411 -1.00  rvations  SMTCON smk  94.500 13.554 4.963 -2.487 50.00  rvations -	94	S.E. Kurt S.E. Skew Maximum  Missing observ  idence  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	.548 .277 100.00 vations	-
Kurtosis Skewness Minimum Valid obse: Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse: Variable Mean	10.943 -3.411 -1.00  rvations  SMTCON	94	S.E. Kurt S.E. Skew Maximum  Missing observ  idence  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observ  confidence tm2  S.E. Mean	.548 .277 100.00 rations - 	-
Std Dev Kurtosis Skewness Minimum Valid obse: Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse: Variable	10.943 -3.411 -1.00  rvations  SMTCON	94	S.E. Kurt S.E. Skew Maximum  Missing observ  idence  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observ  confidence tm2  S.E. Mean	.548 .277 100.00 rations - 	
Std Dev Kurtosis Skewness Minimum  Valid obse:  Variable  Mean Std Dev Kurtosis Skewness Minimum  Valid obse:  Variable  Mean Std Dev	10.943 -3.411 -1.00  rvations  SMTCON smk  94.500 13.554 4.963 -2.487 50.00  rvations  SKSEF2.A smc  106.066 32.108 27.114	g4	S.E. Kurt S.E. Skew Maximum  Missing observ  idence  S.E. Mean Variance S.E. Skew Maximum  Missing observ  confidence tm2  S.E. Mean Variance S.E. Kurt	.548 .277 100.00 vations	
Std Dev Kurtosis Skewness Minimum Valid obse: Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse: Variable Mean Std Dev Kurtosis	10.943 -3.411 -1.00  rvations  SMTCON smk  94.500 13.554 4.963 -2.487 50.00  rvations  SKSEF2.A smc  106.066 32.108 27.114	g4	S.E. Kurt S.E. Skew Maximum  Missing observ  idence  S.E. Mean Variance S.E. Skew Maximum  Missing observ  confidence tm2  S.E. Mean Variance S.E. Kurt	.548 .277 100.00 vations	
Std Dev Kurtosis Skewness Minimum Valid obse: Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse: Variable Mean Valid obse: Variable Mean	10.943 -3.411 -1.00  rvations  SMTCON smk  94.500 13.554 4.963 -2.487 50.00  rvations  SKSEF2.A smc	g4	S.E. Kurt S.E. Skew Maximum  Missing observ  idence  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing observ  confidence tm2  S.E. Mean Variance	.548 .277 100.00 vations	
Std Dev Kurtosis Skewness Minimum Valid obse:  Variable Mean Std Dev Kurtosis Skewness Minimum Valid obse:  Variable Mean Std Dev Kurtosis Skewness Minimum Kurtosis Skewness Minimum	10.943 -3.411 -1.00  rvations  SMTCON smk  94.500 13.554 4.963 -2.487 50.00  rvations  SKSEF2.A smc  106.066 32.108 27.114 5.098 70.00	g4	S.E. Kurt S.E. Skew Maximum  Missing observ  idence  S.E. Mean Variance S.E. Skew Maximum  Missing observ  confidence tm2  S.E. Mean Variance S.E. Kurt	.548 .277 100.00 vations	_ ~

Mean Std Dev	137.022 127.887		S.E. Mean Variance	13.261 16355 043	
Kurtosis			S E Kurt	495	
Skewness			S.E. Kurt S.E. Skew	.495 .250	
Minimum			Maximum	700.00	
Valid obs	ervations -		Missing observ	vations ~	
Variable	VGFRE2.A veg	e fruit se	elf efficacy tm2 in	ncludes co	
Mean	151.032		S.E. Mean	8.206	
Std Dev	65.131		Variance	4242.063	
Kurtosis			S.E. Kurt	.595 .302	
Skewness			S.E. Skew	.302	
Minimum	60.00		Maximum	300.00	
Valid obs	ervations -	63	Missing obser	vations -	
Variable	VGFRSEF1 veg	etable & :	fruit self efficac	y tm10	
Mean	155.720		S.E. Mean	6.552	
Std Dev			Variance		
Kurtosis	1.937		S.E. Kurt	.463	
Skewness			S.E. Skew	.234	
Minimum	2.00		Maximum	400.00	
Valid obs	ervations -	107	Missing obser	vations -	
<b>-</b>					
Variable	WGRSE2.A who	legrain &	cereal tm2 includ	es confide	
Mean	178.254		S.E. Mean	9.045	
Std Dev	71.792		Variance	5154.160	
Kurtosis			S.E. Kurt		
Skewness Minimum			S.E. Skew Maximum		
		63			
Valld obs	ervations -	6.3	Missing obser	vations -	
Variable	FATSE2.A sat	urated fa	t self efficacy tm	 2 into con	
		urated fa	_		
Mean	207.937	urated fa	S.E. Mean	9.059	
Mean Std Dev	207.937 71.907	urated fa	S.E. Mean Variance	9.059 5170.673	
Mean	207.937 71.907 565	urated fa	S.E. Mean Variance S.E. Kurt S.E. Skew	9.059 5170.673 .595 .302	
Mean Std Dev Kurtosis Skewness	207.937 71.907 565	urated fa	S.E. Mean Variance	9.059 5170.673 .595 .302	
Mean Std Dev Kurtosis Skewness Minimum	207.937 71.907 565 228 30.00		S.E. Mean Variance S.E. Kurt S.E. Skew	9.059 5170.673 .595 .302 300.00	
Mean Std Dev Kurtosis Skewness Minimum Valid obs	207.937 71.907 565 228 30.00	63	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	9.059 5170.673 .595 .302 300.00 vations -	
Mean Std Dev Kurtosis Skewness Minimum Valid obs	207.937 71.907 565 228 30.00	63	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser	9.059 5170.673 .595 .302 300.00 vations -	
Mean Std Dev Kurtosis Skewness Minimum Valid obs	207.937 71.907 565 228 30.00 servations -	63	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser	9.059 5170.673 .595 .302 300.00 vations -	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean	207.937 71.907 565 228 30.00 servations - WHGRSEF1 who	63	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  cereal self effic	9.059 5170.673 .595 .302 300.00 vations -	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev	207.937 71.907 565 228 30.00 servations - 	63	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  cereal self effic S.E. Mean Variance	9.059 5170.673 .595 .302 300.00  vations acy tm1 14.740 21725.727	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis	207.937 71.907 565 228 30.00 servations - 	63	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  cereal self effic S.E. Mean Variance	9.059 5170.673 .595 .302 300.00  vations acy tm1 14.740 21725.727	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev	207.937 71.907 565 228 30.00 servations - 	63	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  cereal self effic S.E. Mean Variance	9.059 5170.673 .595 .302 300.00  vations acy tm1 14.740 21725.727	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum	207.937 71.907565228 30.00 servations WHGRSEF1 who 211.990 147.396 42.536 5.384 2.00	63  blegrain &	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  cereal self effic	9.059 5170.673 .595 .302 300.00  vations acy tm1  14.740 21725.727 .478 .241 1400.00	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs	207.937 71.907565228 30.00  Servations	63  plegrain &	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  cereal self effic S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	9.059 5170.673 .595 .302 300.00 vations acy tm1  14.740 21725.727 .478 .241 1400.00 vations -	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs	207.937 71.907565228 30.00 servations - WHGRSEF1 who 211.990 147.396 42.536 5.384 2.00 servations -	63  plegrain & 100 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  cereal self effic S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing obser	9.059 5170.673 .595 .302 300.00 vations acy tm1  14.740 21725.727 .478 .241 1400.00 vations -	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs	207.937 71.907565228 30.00  servations WHGRSEF1 who 211.990 147.396 42.536 5.384 2.00  servations	63  plegrain & 100 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  cereal self effic S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser	9.059 5170.673 .595 .302 300.00  vations acy tm1  14.740 21725.727 .478 .241 1400.00  vations -	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	207.937 71.907 -565 -228 30.00 servations WHGRSEF1 who 211.990 147.396 42.536 5.384 2.00 servations	63 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  cereal self effic S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser	9.059 5170.673 .595 .302 300.00  vations acy tm1  14.740 21725.727 .478 .241 1400.00  vations -	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev	207.937 71.907565228 30.00  Servations WHGRSEF1 who 211.990 147.396 42.536 5.384 2.00  Servations FATSELF1 sat 212.832 79.000	63 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  cereal self effic S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  ts into confidence S.E. Mean Variance	9.059 5170.673 .595 .302 300.00 vations acy tm1  14.740 21725.727 .478 .241 1400.00 vations 7.637 6240.953	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	207.937 71.907565228 30.00  servations WHGRSEF1 who 211.990 147.396 42.536 5.384 2.00  servations	63 	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  cereal self effic S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  ts into confidence S.E. Mean Variance	9.059 5170.673 .595 .302 300.00 vations acy tm1  14.740 21725.727 .478 .241 1400.00 vations 7.637 6240.953	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Skewness Minimum	207.937 71.907565228 30.00  Servations WHGRSEF1 who 211.990 147.396 42.536 5.384 2.00  Servations FATSELF1 sat 212.832 79.000243	63 plegrain &	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  cereal self effic S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser	9.059 5170.673 .595 .302 300.00  vations acy tml  14.740 21725.727 .478 .241 1400.00  vations  7.637 6240.953 .463 .234	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Kurtosis Skewness Minimum	207.937 71.907565228 30.00 servations WHGRSEF1 who 211.990 147.396 42.536 5.384 2.00 servations FATSELF1 sat 212.832 79.000243 .018 3.00	63 clegrain &	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  cereal self effic S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  ts into confidence S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	9.059 5170.673 .595 .302 300.00  vations acy tm1  14.740 21725.727 .478 .241 1400.00  vations 7.637 6240.953 .463 .234 400.00	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Kulid obs Variable Mean Std Dev Kurtosis Skewness Minimum	207.937 71.907 -565 -228 30.00 servations WHGRSEF1 who 211.990 147.396 42.536 5.384 2.00 servations FATSELF1 sat 212.832 79.000243 .018 3.00	63 plegrain &  100 curated fa	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  cereal self effic  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum  Missing obser  ts into confidence S.E. Mean Variance S.E. Kurt S.E. Skew Maximum	9.059 5170.673 .595 .302 300.00  vations acy tm1  14.740 21725.727 .478 .241 1400.00  vations 7.637 6240.953 .463 .234 400.00	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs	207.937 71.907 -565 -228 30.00  Servations - WHGRSEF1 who 211.990 147.396 42.536 5.384 2.00  Servations - FATSELF1 sat 212.832 79.000243 .018 3.00  Servations -	63 plegrain &  100 curated fa	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  cereal self effic S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  ts into confidence S.E. Mean Variance S.E. Mean Variance S.E. Skew Maximum Missing obser	9.059 5170.673 .595 .302 300.00 vations acy tm1  14.740 21725.727 .478 .241 1400.00 vations 7.637 6240.953 .463 .234 400.00 vations -	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Variable Mean Std Dev Variable Mean Std Dev Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable	207.937 71.907565228 30.00 servations WHGRSEF1 who 211.990 147.396 42.536 5.384 2.00 servations FATSELF1 sat 212.832 79.000243 .018 3.00 servations	63 plegrain &  100 curated fa	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  cereal self effic S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  ts into confidence S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  ts into confidence S.E. Kurt S.E. Skew Maximum Missing obser	9.059 5170.673 .595 .302 300.00  vations acy tml  14.740 21725.727 .478 .241 1400.00  vations 6240.953 .463 .234 400.00  vations onfidence	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Variable Variable Mean Valid obs	207.937 71.907 -565 -228 30.00  Servations WHGRSEF1 who 211.990 147.396 42.536 5.384 2.00  Servations FATSELF1 sat 212.832 79.000243 .018 3.00  Servations	63 plegrain &  100 curated fa	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  cereal self effic  S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  ts into confidence S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  f efficacy into co	9.059 5170.673 .595 .302 300.00  vations acy tm1  14.740 21725.727 .478 .241 1400.00  vations 7.637 6240.953 .463 .234 400.00  vations confidence 23.345	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Variable	207.937 71.907 -565 -228 30.00  Servations WHGRSEF1 who 211.990 147.396 42.536 5.384 2.00  Servations FATSELF1 sat 212.832 79.000243 .018 3.00  Servations	63 plegrain &  100 curated fa	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  Cereal self effic S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  ts into confidence S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  display the self-confidence S.E. Mean Variance S.E. Skew Maximum Missing obser  f efficacy into confidence S.E. Mean Variance S.E. Mean Variance	9.059 5170.673 .595 .302 300.00  vations acy tml  14.740 21725.727 .478 .241 1400.00  vations  7.637 6240.953 .463 .234 400.00  vations confidence  23.345 58312.535	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis	207.937 71.907 -565 -228 30.00  Servations WHGRSEF1 who 211.990 147.396 42.536 5.384 2.00  Servations FATSELF1 sat 212.832 79.000243 .018 3.00  Servations	63 plegrain &  100 curated fa	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  cereal self effic S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  ts into confidence S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  ts into confidence S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  f efficacy into co	9.059 5170.673 .595 .302 300.00  vations acy tml  14.740 21725.727 .478 .241 1400.00  vations  7.637 6240.953 .463 .234 400.00  vations onfidence  23.345 58312.535 .463	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum	207.937 71.907 -565 -228 30.00  Servations WHGRSEF1 who 211.990 147.396 42.536 5.384 2.00  Servations FATSELF1 sat 212.832 79.000243 .018 3.00  Servations	63 plegrain &  100 curated fa	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  cereal self effic S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  ts into confidence S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  ts into confidence S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  f efficacy into co	9.059 5170.673 .595 .302 300.00  vations acy tml  14.740 21725.727 .478 .241 1400.00  vations  7.637 6240.953 .463 .234 400.00  vations onfidence  23.345 58312.535 .463	
Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis Skewness Minimum Valid obs Variable Mean Std Dev Kurtosis	207.937 71.907 -565 -228 30.00  Servations WHGRSEF1 who 211.990 147.396 42.536 5.384 2.00  Servations FATSELF1 sat 212.832 79.000243 .018 3.00  Servations	63 plegrain &  100 curated fa	S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  Cereal self effic S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  ts into confidence S.E. Mean Variance S.E. Kurt S.E. Skew Maximum Missing obser  display the self-confidence S.E. Mean Variance S.E. Skew Maximum Missing obser  f efficacy into confidence S.E. Mean Variance S.E. Mean Variance	9.059 5170.673 .595 .302 300.00  vations acy tml  14.740 21725.727 .478 .241 1400.00  vations  7.637 6240.953 .463 .234 400.00  vations onfidence  23.345 58312.535 .463	

Variable I	EXRSE2.A	exerci	se self	efficacy tm2	2 incl	ides conf	
Mean	341	.270		S.E. Me	ean	31.816	
Std Dev	252	.534		Variand		63773.361	
Kurtosis		.352		S.E. Ku	ırt	.595	
Skewness	_	.156		S.E. S	cew		
Minimum	6	5.00		Maximur	n	1000.00	
Valid obse	rvations	-	63	Missing o	bserv	ations -	52
·							
Variable 1	DIET2.A	diet t	m2 fat &	vege & whg	rain		
Mean	537			S.E. Me		21.550	
Std Dev	171			Varian			
Kurtosis		.393		S.E. Kı		.595	
Skewness		.369		S.E. S		.302	
Minimum		0.00		Maximum		900.00	
Valid obse	rvations	-	63	Missing o	observ	ations -	52
Variable 1	DIETSEF1	diet s	elf effi	cacy tm1			
Mean	578	.240		S.E. M	ean	21.429	
Std Dev		.289				45919.780	
Kurtosis		.191		S.E. K		.478	
Skewness		.166		S.E. S		.241	
Minimum		7.00		Maximu	π	1620.00	
Valid obse	rvations	- 1	00	Missing	observ	ations -	15
Positional	Index						
Variable	Page	Variable	Page	Variable	Page	Variable	Page
ID	1	GHQA6	1	HLC17	1	HLC2.18	1
AGE	1	GHQA7	1	HLC18	1		1
JOB		GHQB1	1	ID2	1		1
SMOKE		GHQB2	1	AGE2	1	DIET	1
TAR		GHQB3	1	JOB2	1 1	PHYHELHN	
FAT VEGE		GHQB4 GHQB5	1 1	SMKSE2	1	ILLNESS	1
CEREAL	1	GHQB5	1	TAR2 SKTRCOF2	1		1
EXRCIS	1	GHQB7	1	SATFAT2	1	SOCDYSFU	1
SMKSEF	1	GHQC1	1	SAFTCON2	1	SEVDEPRS	1
TARSEF	1	GHQC2	1	VEGFR2	1	INTERNAL	1
SMTCON	1	GHQC3	1	VGFRCON2	1	EXTERNAL	1
SFSEF	1	GHQC4	1	WHGRCRL2	1	CHANCE	1
SFCON	1	GHQC5	1	WGRCRCF2	1	HETHBEH1	1 1
VGFRSEF VGFRCON	1 1	GHQC6 GHQC7	1 1	EXER2 EXERCON2	1 1	HETHBEH2 SMKSE1	1
WGCRSE	1	GHQD1	1	LIKNER2	1	SMKSE1.2	1
WGCRCON	1	GHQD2	1	CERNEAR 2	1	FATSELF1	1
EXSEFF	1	GHQD3	1	SERNER2	1	VGFRSEF1	1
EXCONF	1	GHQD4	1	LIKDIST2	1	WHGRSEF1	1
PHYHELTH	1	GHQD5	1	CERNDIS2	1	DIETSEF1	1
INJACCI	1	GHQD6	1	SERDIST2	1	EXERSEF1	1
INFECT PECPILI	1 1	GHQD7 HLC1	1 1	HLC2.01	1 1	SKSEF2.A SKSEF2.B	1 1
RESPILL GASTRO	1	HLC1	1	HLC2.02 HLC2.03	1	FATSE2.A	1
HEDMIG	1	HLC3	1	HLC2.03	1	VGFRE2.A	1
CARDIO	1	HLC4	1	HLC2.05	1	WGRSE2.A	1
MISCELL	1	HLC5	1	HLC2.06	1	EXRSE2.A	1
LIKNERFU	1	HLC6	1	HLC2.07	1	DIET2.A	1
CONRFU	1	HLC7	1	HLC2.08	1	INTERNL2	1
SERNRFU	1	HLC8	1	HLC2.09	1	EXTERL2	1 1
LIKDIST	1 1	HLC9 HLC10	1 1	HLC2.10 HLC2.11	1 1	CHANCE2 HELBEL2N	1
SERDIST	1	HLC11	1	HLC2.11	1	HELBEL2D	1
GHQA1	1	HLC12	1	HLC2.13	1	HELBEL1N	1
GHQA2	1	HLC13	1	HLC2.14	1	HELBEL1D	1
0	1	HLC14	1	HLC2.15	1	HEALTHT1	1
GHQA3		HLC15	1	HLC2.16	1	HEALTHT2	1
GHQA3 GHQA4	1		-		1		
GHQA3	1	HLC16	1	HLC2.17	1		
GHQA3 GHQA4 GHQA5	1		1	HLC2.17	1		
GHQA3 GHQA4 GHQA5	1			HLC2.17	Page	Variable	Page
GHQA3 GHQA4 GHQA5 Alphabetic	1 Index	HLC16				Variable SAFTCON2	_
GHQA3 GHQA4 GHQA5 Alphabetic Variable	1 Index Page 1 1	HLC16	Page	Variable	Page		1
GHQA3 GHQA4 GHQA5 Alphabetic Variable AGE AGE2 ANXINSOM	Index Page 1 1	Variable GHQB6 GHQB7 GHQC1	Page 1 1 1 1	Variable HLC2.04 HLC2.05 HLC2.06	Page	SAFTCON2 SATFAT2 SERDIST	Page 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
GHQA3 GHQA4 GHQA5 Alphabetic Variable AGE AGE2 ANXINSOM CARDIO	Index Page 1 1 1	Variable GHQB6 GHQB7 GHQC1 GHQC2	Page 1 1 1 1 1	Variable HLC2.04 HLC2.05 HLC2.06 HLC2.07	Page 1 1 1 1	SAFTCON2 SATFAT2 SERDIST SERDIST2	1 1 1
GHQA3 GHQA4 GHQA5 Alphabetic Variable AGE AGE2 ANXINSOM	Index Page 1 1	Variable GHQB6 GHQB7 GHQC1	Page 1 1 1 1	Variable HLC2.04 HLC2.05 HLC2.06	Page	SAFTCON2 SATFAT2 SERDIST	1 1 1

CERNEAR2	1	GHQC5	1	HLC2.10	1	SEVDEPRS	1
CHANCE	1	GHQC6	1	HLC2.11	1	SFCON	1
CHANCE2	1	GHQC7	1	HLC2.12	1	SFSEF	1
COCERDIS	1	GHQD1	1	HLC2.13	1	SKSEF2.A	1
CONRFU	1	GHQD2	1	HLC2.14	1	SKSEF2.B	1
DIET	1	GHQD3	1	HLC2.15	1	SKTRCOF2	1
DIET2.A	1	GHQD4	1	HLC2.16	1	SMKNTOT1	1
DIETSEF1	1	GHQD5	1	HLC2.17	1	SMKNTOT2	1
EXCONF	1	GHQD6	1	HLC2.18	1	SMKSE1	1
EXER2	1	GHQD7	1	HLC3	1	SMKSE1.2	1
EXERCON2	1	HEALTHT1	1	HLC4	1	SMKSE2	1
EXERSEF1	1	HEALTHT2	1	HLC5	1	SMKSEF	1
EXRCIS	1	HEDMIG	1	HLC6	1	SMOKE	1
EXRSE2.A	1	HELBEL1D	1	HLC7	1	SMTCON	1
EXSEFF	1	HELBEL1N	1	HLC8	1	SOCDYSFU	1
EXTERL2	1	HELBEL2D	1	HLC9	1	SOMATIC	1
EXTERNAL	1	HELBEL2N	1	ID	1	TAR	1
FAT	1	HETHBEH1	1	ID2	1	TAR2	1
FATSE2.A	1	HETHBEH2	1	ILLNESS	1	TARSEF	1
FATSELF1	1	HLC1	1	INFECT	1	VEGE	1
GASTRO	1	HLC10	1	INJACCI	1	VEGFR2	1
GHQA1	1	HLC11	1	INTERNAL	1	VGFRCON	1
GHOA2	1	HLC12	1	INTERNL2	1	VGFRCON2	1
GHQA3	1	HLC13	1	JOB	1	VGFRE2.A	1
GHOA4	1	HLC14	1	JOB2	1	VGFRSEF	1
GHOA5	1	HLC15	1	LIKDIST	1	VGFRSEF1	1
GHQA6	1	HLC16	1	LIKDIST2	1	WGCRCON	1
GHOA7	1	HLC17	1	LIKNER2	1	WGCRSE	1
GHQB1	1	HLC18	1	LIKNERFU	1	WGRCRCF2	1
GHOB2	1	HLC2	1	MISCELL	1	WGRSE2.A	1
GHQB3	1	HLC2.01	1	PHYHELHN	1	WHGRCRL2	1
GHOB4	1	HLC2.02	1	PHYHELTH	1	WHGRSEF1	1
GHOB5	1	HLC2.03	1	RESPILL	1		