

You have been e-mailed a data set. The data set represents one researcher's quest for happiness. He has completed more experiments and since you did such a good job for him last time, he decided to use you again. Recall that he wishes to discover which factors enter into how satisfied one is with their life. This time, however, he has completed an experiment. He figured that positive self-image was important in happiness. So he designed an experiment to test this. He manipulated subjects' self image by giving positive feedback on a task. He presented subjects with a task three times in a row (Variable 2). After each time, he gave false feedback. After the first test he said that 60% of the subject's responses were correct. After the second test he said that 80% of the subject's responses were correct. After the third test he said that 85% of the subject's responses were correct. So subjects thought that their performance increased dramatically from the first to the second test, and then only slightly for the third test. He measured subjects' happiness on a mood scale devised and validated by two well known psychologists (Variable 4). Higher numbers equal a happier feeling. He also noted subjects' gender (Variable 3). He also assessed, after the tests, subjects' self-image (Variable 5; high numbers equal higher self-image), subjects' tendency to be moody (Variable 6; high numbers equal more moodiness), subjects' affection for their parents (Variable 7; high numbers equal higher affection). Variable 1 is the subject number.

You are a paid consultant for the researcher. He asks you to find out all you can from this data set and report back to him. He wants you to do all you can to tell him about his experiment and the variables that he measured. His variable of major concern is the happiness variable. He wants to know how the other variables relate to that one. Tell him all you can. Do not forget to tell him what he should conclude from this data set. Make your report clear and concise. Include all work, sas files, and anything else you think is important. Remember: check and state all assumptions and THINK.

Good luck.