

PSYCHOLOGY 513 - QUANTITATIVE MODELS

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Homework 5a

I have made a file called *Fall 02 110 Personality Data.jmp* available to you on my web page (at the address www.ucs.louisiana.edu/~rmm2440/). You may download it by clicking on the link for this file under Psychology 513 and 'Save As...'

The data in the file are personality data collected from PSYC 110 students and includes measures of P, E, N, & L from the Eysenck Personality Questionnaire (EPQ-R short) and the International Personality Item Pool measures of the Big Five, E5F, A5F, C5F, N5F, and I5F. Also included are two measures of psychopathy, primary psychopathy (PP) and secondary psychopathy (SP), and three measures of emotional intensity, positive emotional intensity (PI), negative (fear, worry) emotional intensity (NI2), and anger emotional intensity (Anger).

Please test in an omnibus test whether the Big Five personality factors *as a block* significantly improve prediction of primary psychopathy over and above what the emotional intensity measures are able to do. Then test whether the emotional intensity measures *as a block* significantly improve prediction of primary psychopathy over and above what the Big Five factors are able to do. Please give the two tests with F -ratios and p -levels. It's probably easiest to do this in Excel.