

Case Study 3*for February 12*

You are a consultant in the Statistical Consulting Center and a Psychology graduate student comes in to see you. One part of her dissertation involves people's motives for volunteering (typically some kind of community service work).

She has administered a questionnaire to about 300 volunteers. Based on this questionnaire she can compute six scores, one score for each of six motives for volunteering. The six motives are conceptually distinct, but the six scores are correlated.

At this point, she would like to have a single score to be used as an overall indicator of motivation for volunteering. Her question is how should she think about combining the scores into a single overall motivation score?

You need to do two things. First, determine one or more potential approaches for combining the scores into an overall motive score. Second, generate a list of questions that you would ask her to determine which, if any, of your potential approaches is appropriate.

Group 1:		Group 2:		Group 3:	
Name	Email	Name	Email	Name	Email
Shu Ding	dingx099	Ran Song	songx162	Heng Zhang	zhang440
Qing Mai	maixx034	Ying Lu	luxxx255	Danning Li	lixx0700
Teng Zhang	zhang620	Craig Rolling	roll0204	Jing Yang	yang1387
Gang Cheng	chen2285	Cindy Houser	house109	Chun Pu Song	songx183
Wei Qian	qianx029	Lingzhou Xue	xuexx041	Shanshan Ding	dingx056
Eric Graalum	graal002	Xiao Zhong	zhong072	Pamela Sweeney	swee0003
John Zobel	zobe0025	David Zepeda	zepe0003	Changqing Ye	yexxx058

The chair for this week is Ka Young Park.

Students with a "bye" week are: Yi Yang, Yi Wang, Andy Wang.