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Exercises Quantitative Methods
 Mock Exam

Exercise

Please open the file *1991 U.S. General Society Survey.sav*. Run a K-means cluster analysis with the variables

- Years of education of the respondent = ausbild
- Years of education of his father = vausbild
- Years of education of his mother = mausbild
- Years of education of his partner = pausbild

where three clusters are generated.

- a) Please show the average value of the four considered variables among the three clusters:

	Average Value		
	Cluster		
	1	2	3
Years of education of the respondent			
Years of education of his father			
Years of education of his mother			
Years of education of his partner			

- b) Please comment the three clusters.
- c) Please understand the variable "Degree of satisfaction = Allgemeine Zufriedenheit" as an ordinal leveled variable. Are there significant differences of the degree of satisfaction across the three clusters? Please run a test to show this.