

### STATISTICS AND METHODOLOGY CHECKLIST

Please complete the checklist below and upload it into your MySAS application. This must be completed with reference to your course descriptions i.e. if you have completed a topic below, the course descriptions must also include the same topic. It is not necessary to have studied all topics in order to be admitted, so please complete this form accurately!

**PLEASE NOTE:** Your application will not be processed until we have received this completed checklist.

		I have <b>not</b> heard about this topic	I have heard about this topic, but I do not know the specifics	I attended and passed a course in which this topic was covered	If you took a course in which this topic was covered, please add the name (not the code) of the course as it appears on your Transcript of Records.
1	Variable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	Conceptual model	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	Theoretical hypothesis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	Unit of analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	Measurement level of a variable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	Operational definition; operationalization	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	Experimental design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	Quasi-experimental design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	Non-experimental design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	Cross-sectional design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11	Panel design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	Randomization/random assignment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	Sampling procedures (random sampling)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	Validity of measurement (internal, external, construct)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	Reliability of measurement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16	Descriptive statistics: mean, standard deviation, variance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17	Pearson's <i>r</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18	Sampling distribution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19	Hypothesis testing and confidence intervals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20	Type I error and Type II error	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

		I have <b>not</b> heard about this topic	I have heard about this topic, but I do not know the specifics	I attended and passed a course in which this topic was covered	If you took a course in which this topic was covered, please add the name (not the code) of the course as it appears on your Transcript of Records.
21	Multiple regression analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22	Assumptions of regression analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23	ANOVA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24	ANCOVA and/or MANOVA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25	Dummy variables	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26	Interaction effect/moderation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27	Mediation effect	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28	Path Analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29	Spurious association	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
30	Logistic regression	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
31	Estimation and interpretation of Cronbach's alpha	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
32	Construction of a summated rating scale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
33	Item and questionnaire construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
34	Principal Component Analysis or Factor Analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
35	Confirmatory factor analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Please type your name below. **By doing so, you are confirming that you have completed this checklist correctly.** If you are admitted to a program of study, based on the information completed above, and you have not completed it correctly, your study progress may be delayed. It is therefore your responsibility to ensure that the information is correct.

Name:

Date: