

Research Exercises

INSTRUCTIONS: Answer the questions on the following pages for each study assigned.

a. Variables	b. Independent/ Dependent (choose)	c. Level of Measurement (Nominal, Ordinal, Interval, Ratio)	d. Constructs (not all variables have constructs)

- e. How would you broadly classify the type of research conducted for this problem? (Descriptive, Causal-Comparative, Experimental, Quasi-Experimental, Correlational, Qualitative, or Historical)

- f. What is the name of the specific kind of research study? For example, instead of saying “quasi-experimental research” say “pretest-posttest quasi-experimental study”; instead of “qualitative”, say “phenomenological qualitative research”. Leave blank if there is none –e.g. Causal Comparative)

- g. State a Research Question or Hypothesis for this study, whichever is appropriate. (Consider whether a relationship between variables is being studied or not).

- h. What sampling method would you use to choose people for this study? (For example, Simple, Stratified, or Cluster random sampling; Criterion, homogenous or snowball purposive sampling)

- i. Identify any special steps typical for this type of study that should be taken before any data are collected (e.g., random assignment, written consent of the participants, etc.)

- j. Identify what statistical or qualitative procedure you would use to analyze the data.

- k. What are the weaknesses of such a study? (internal/ external threats and/or alternative explanations).