**Readings questions – Session 04. Data and measurement**

*Student name:*

*Remember, it should not take you more than this page to answer the readings questions!*

1. **You have already formulated some hypotheses for your research question and identified your independent and dependent variables of interest. Please write down your hypothesis(es) again, with some modification if you wish, and re-state what your dependent and independent variables are.**
2. **Now, please tell whether these variables are abstract concepts or rather empirical indicators of an abstract concept. If they are abstract concepts, propose some empirical indicators. If they are empirical indicators, explain what abstract concepts they represent.**
3. **Theoretical hypotheses connect abstract concepts, while testable hypotheses connect empirical indicators that represent abstract concepts. Only the latter can be empirically tested, but only the first tells us something about our model of the world (or theory). Now that you have at least one theoretical and one testable hypothesis, develop a second testable hypothesis with different empirical indicators which could be used to provide additional evidence for your theoretical hypothesis.**