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Assignment 8: Design and render quantitative data

\*The data used for the tables and information below was obtained from my honor's thesis. If you wish to view the raw data, please contact me.

The table 1 below depicts a full correlation matrix obtained from an analyses ran to determine if there were any relations between the self-reported health variables and the major outcome variables in the study (empathy and well-being) to be considered as covariates in analyses. This is in correct APA formatting. These correlations were obtained from a data set of a study that was exploring whether sharing personal stories between patient and physicians can increase positive outcomes for patients in terms of empathy and well-being. Figure 1 displays the data of a significant main effect found in the data, where regardless if the patient shared, when a physician shared a story patients felt empathized with by the physician. The target audience for this table and figure are people within the psychology field, specifically health psychology. This was because the data, tables, and figures used were apart of my honor's thesis for the Psychology and Brain Sciences department.

**Table 1**

*Correlations between the health questions and the outcome variables (empathy and well-being)*

| Health Measures  | 1      | 2       | 3       | 4      | 5 |
|--|--------|---------|---------|--------|---|
| 1) How many long-term physical illnesses do you have?  | —      |         |         |        |   |
| 2) To what extent do you believe your long-term physical illness has affected your mental illness? | 0.147  | —       |         |        |   |
| 3) To what extent does your long-term physical illness impact your daily life?                     | 0.129  | 0.579** | —       |        |   |
| 4) IRI Empathic Concern  | -0.049 | -0.057  | 0.028   | —      |   |
| 5) WEMWS   | 0.053  | -0.033  | -0.308* | 0.313* | — |

Note. \*\*  $p < 0.01$  \*  $p < 0.05$ .

**Figure 1**

*Mean empathic concern of participants when the physician shared a story with the participant versus when they did not.*

