**Research: Research Design Assignment Instructions**

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| **Research Design Table** | | |
| **Demographic Variable** | Name of variable: | Gender |
| Levels of variable you will use: | Categorical |
| Scale of Measurement (nominal, ordinal, or scale): | Nominal |
| Appropriate measure of central tendency and (if appropriate) variability: | Mode |
| **Variable of Interest #1** | Name of variable and/or scale selected (including citation): | Intrinsic spirituality |
| How many questions? What are the answer options – e.g., Likert 1 - 5?): | 6 questions; Sentence completion on a 0 (absence of attribute) to 10 (maximum amount of attribute) scale |
| How is this variable quantified? What is the potential numerical range and how is it interpreted? (i.e. how do you calculate the variable as a single numerical value to be used in SPSS for data analysis) Notes: if it is only one question, the answer will be similar to what you have as the previous answer; if scale is nominal, numbers are meaningless but necessary for SPSS so you won’t discuss the numbers in your paper but will state them here. | Scale of 0 (spirituality is not operative as a motivational factor), and 10 (motivated by spirituality to the highest degree possible). |
| What is its scale of measurement? | Ordinal |
| **Variable of Interest #2** | Name of variable and/or scale selected (including citation if appropriate): | Loneliness |
| How many questions? What are the answer options – e.g., Likert 1 - 5?: | 6. Likert 1-4 |
| How is this variable quantified? What is the potential numerical range and how is it interpreted? (i.e. how do you calculate the variable as a single numerical value to be used in SPSS for data analysis) Notes: if it is only one question, the answer will be similar to what you have as the previous answer; if scale is nominal, numbers are meaningless but necessary for SPSS so you won’t discuss the numbers in your paper but will state them here. | Degree of loneliness evaluated by averaging scores. Higher scores indicate greater loneliness |
| What is its scale of measurement? | Ordinal |
| **Research Design** | Correlational, quasi-experimental, or experimental (since you have 2 variables it will NOT be descriptive): | Correlational |
| Justification: | Allows establishment of relationships between two interconnected variables and to make predictions from data obtained in samples. (Curtis et al. 2016) |
| **Research / Alternate Hypothesis (note this is NOT the null hypothesis). \*\*It is common practice in the field to explicitly state the research hypothesis in the paper but statistically test the null hypothesis.** | | |
| Persons with a strong relationship to God experience less loneliness. | | |
| **Proposed Target Population (e.g., “friends” on facebook; only women, colleagues at a specific type of business – note you will need 20 participants from this target population, and you cannot use people you do not know due to the educational nature of this study and our IRB exempt status constraints - read the M2 Research Data Collection Instructions for further clarification):** | | |
| Church friends | | |
| **Proposed survey distribution method (e.g., email, facebook, hand out paper surveys at your church, et cet – note you cannot distribute these in public places due to the exempt status of this educational assignment – read the M2 Research Data Collection Instructions for further clarification):** | | |
| Physical hand-outs, Whatsapp, and email | | |
|  | | |

**Disclosure:** I am asking you to complete this survey as part of the requirements for my statistics project in a graduate level psychology course. Your answers will remain completely anonymous. No personal information about you will be linked to this survey. Please do not put your name or any other identifying information on the survey. The results of this survey will be used only for educational purposes and will not be published or released to the public. You must be 18 years old or older in order to complete this survey.

1. I identify as

(Select option or fill what applies to you) Male Female Other

**Directions:** Please select the number that best completes the statement about your spirituality (adapted from Hodge, 2003).

1. In terms of the questions I have about life, my spirituality answers

**no absolutely all**

**questions my questions**

**0** 1 2 3 4 5 6 7 8 9 **10**

1. Growing spiritually is

**more important than of no**

**anything else importance**

**in my life to me**

**10** 9 8 7 6 5 4 3 2 1 **0**

1. When I am faced with an important decision, my spirituality

**plays is always the**

**absolutely overriding**

**no role consideration**

**0** 1 2 3 4 5 6 7 8 9 **10**

1. Spirituality is

**the master motive of**

**life, directing every not part**

**aspect of my life of my life**

**10** 9 8 7 6 5 4 3 2 1 **0**

1. When I think of the things that help e grow and mature as a person, my spirituality

**has no effect is absolutely the**

**on my personal most important factor**

**growth in my personal growth**

**0** 1 2 3 4 5 6 7 8 9 **10**

1. My spiritual beliefs affects

**absolutely every no aspect**

**aspect of my life of my life**

**10** 9 8 7 6 5 4 3 2 1 **0**

**Directions:** Please select the number that best reflects your answer for each question (adapted from Wongpakaran et al., 2020).

1. How often do you feel that you lack companionship?

1 2 3 4

Never Rarely Sometime Often

1. How often do you feel alone?

1 2 3 4

Never Rarely Sometime Often

1. How often do you feel that you are no longer close to anyone?

1 2 3 4

Never Rarely Sometime Often

1. How often do you feel left out?

1 2 3 4

Never Rarely Sometime Often

1. How often do you feel that no one really knows you well?

1 2 3 4

Never Rarely Sometime Often

1. How often do you feel that people are around you but not with you?

1 2 3 4

Never Rarely Sometime Often

End.

**References**

Curtis, E. A., Comiskey, C., & Dempsey, O. (2016). Importance and use of correlational research. *Nurse Researcher*, *23*(6), 20–25. https://doi.org/10.7748/nr.2016.e1382

Hodge, D. R. (2003). The intrinsic spirituality scale: A new six-item instrument for assessing the salience of spirituality as a motivational construct. *Journal of Social Service Research*, *30*(1), 41–61. https://doi.org/10.1300/J079v30n01\_03

Wongpakaran, N., Wongpakaran, T., Pinyopornpanish, M., Simcharoen, S., Suradom, C., Varnado, P., & Kuntawong, P. (2020). Development and validation of a 6‐item Revised UCLA Loneliness Scale (RULS‐6) using Rasch analysis. *British Journal of Health Psychology*, *25*(2), 233–256. https://doi.org/10.1111/bjhp.12404