SOC6707 Assignment 1 Rubric

Note:

* -10pts if they are missing pdf or Rmd
* -10pts per day if handed in late

**Question 1 (30pts)**

1. 12pts total, 3pts per part

|  |  |  |  |
| --- | --- | --- | --- |
|  | Poor | Okay | Good |
| Answer (1pt per part) | Incorrect | Almost correct | Correct |
| Code (1pts per part) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented |
| Explanation (1pt per part) | Missing | Some explanation but hard to understand/misses the point | Well-summarized commentary |

1. 8pts

|  |  |  |  |
| --- | --- | --- | --- |
|  | Poor | Okay | Good |
| Type of graph / variable plotted (2pts) | Incorrect, missing category plotted | Almost correct | Correct |
| Graph presentation (2pt) | Labels, etc don’t make sense, no title, no legend, colors hard to read, etc | Some things are okay, others not | Correctly labeled, good title, easy to read |
| Code (2pts) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented |
| Interpretation (2pts) | Missing or incorrect | Some explanation but hard to understand/misses the point | Well-summarized commentary |

1. 10pts

|  |  |  |  |
| --- | --- | --- | --- |
|  | Poor | Okay | Good |
| Answers (3pts) | Mostly incorrect | Mostly correct | All correct |
| Code (2pts) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented |
| Graph (3pts) | Wrong chart type, wrong axes, poorly presented | Some things are okay, others not | Correct quantities plotted, correctly labeled, good title, easy to read |
| Interpretation (2pts) | Missing or incorrect | Some explanation but hard to understand/misses the point | A good answer should realize that the relationship is not linear even though we may have concluded that from the correlation |

**Question 2 (30pts)**

a) 12pts total, 4pts per part

|  |  |  |  |
| --- | --- | --- | --- |
|  | Poor | Okay | Good |
| Answer (2pt per part) | Incorrect | Almost correct, or correct but not well-presented | Correct and ideally they would state it in text, or make it clear what the answers are |
| Code (2pts per part) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented. Ideally should be tidyverse style |

a) 6pts

|  |  |  |  |
| --- | --- | --- | --- |
|  | Poor | Okay | Good |
| Answer (4pts) | Incorrect | Almost correct, or correct but not well-presented | Correct and ideally they would state it in text, or make it clear what the answer is |
| Code (2pts) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented. Ideally should be tidyverse style |

1. 12pts

|  |  |  |  |
| --- | --- | --- | --- |
|  | Poor | Okay | Good |
| Suitability of graphs (4pts) | Incorrect type | Almost correct | Correct, graphs are well conceived. It really should be a line plot but if there’s other ones that make sense then that’s fine too |
| Graph presentation (2pts) | Labels, etc don’t make sense, no title, no legend, colors hard to read, etc | Some things are okay, others not | Correctly labeled, good title, easy to read |
| Interpretation (4pts) | Missing or incorrect | Some explanation but hard to understand/misses the point | Well-summarized commentary, describes key characteristics of the graph and correctly describes levels, trends over time |
| Code (2pts) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented |

**Question 3 (40pts)**

1. 5pts

|  |  |  |  |
| --- | --- | --- | --- |
|  | Poor | Okay | Good |
| Graph presentation (2pts) | Labels, etc don’t make sense, no title, no legend, colors hard to read, etc | Some things are okay, others not | Correctly labeled, good title, easy to read |
| Commentary (2pts) | Missing or incorrect | Some explanation but hard to understand/misses the point | Well-summarized commentary, describes key characteristics of the graph |
| Code (1pts) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented |

1. 6pts

|  |  |  |  |
| --- | --- | --- | --- |
|  | Poor | Okay | Good |
| Answer (1pt per part) | Incorrect | Almost correct, or correct but not well-presented | Correct and ideally they would state it in text, or make it clear what the answers are |
| Code (2pts) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented. Ideally should be tidyverse style |

1. 11pts

|  |  |  |  |
| --- | --- | --- | --- |
|  | Poor | Okay | Good |
| Answer (3pts per part) | Incorrect | Almost correct, or correct but not well-presented | Correct and ideally they would state it in text, or make it clear what the answers are |
| Code (2pts) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented. Ideally should be tidyverse style |

1. 8pts

|  |  |  |  |
| --- | --- | --- | --- |
|  | Poor | Okay | Good |
| Answer (3pts per part) | Incorrect | Almost correct, or correct but not well-presented | Correct and ideally they would state it in text, or make it clear what the answers are |
| Code (2pts) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented. Ideally should be tidyverse style |

1. 10pts

|  |  |  |  |
| --- | --- | --- | --- |
|  | Poor | Okay | Good |
| Answer (8pts) | Incorrect | Almost correct, or correct but not well-presented or not substantiated with calculations | Correct and well-reasoned using a mix of summary stats and/or graphs |
| Code (2pts) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented. Ideally should be tidyverse style |

**Research question**

**10pts total (but can enter grade as a %)**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Poor | Okay | Good |
| Clarity | Too vague, not clear what they’re asking | Not entirely clear or operationalized | Clear research question and sub-questions, clearly operationalizes as variables that are contained in dataset |
| Suitability, choice of variables and dataset | Can’t be answered using dataset, chose the wrong variables, etc | Some variables okay, some not. No evidence of trying to read in data | Suitable to be answered with dataset and variables chosen. Also looking for some evidence that they tried to read in the data |
| Is it sensible / interesting? | Not at all sensible or interesting | Average | Interesting and well-described as interesting in the discussion |
| Complexity | Only considering a univariate pattern | Only considering a bivariate relationship | Considers the potential effect of other variables above and beyond the main relationship of interest |
| Discussion | Poor, hard to understand, too short, not enough detail | Average | Well discussed and hypothesized, clearly presented |