SOC6707 Assignment 2 Rubric

Note:

* -10pts if they are missing pdf.
* -5pts if they are missing Rmd
* -10pts per day if handed in late

**Question 1 (50pts)**

1. – b) 7pts each

|  |  |  |  |
| --- | --- | --- | --- |
| 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 | Well-summarized commentary, picking up main patterns |

c) 5pts

|  |  |  |  |
| --- | --- | --- | --- |
| Code (2pts) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented |
| Interpretation (3pts) | Missing or incorrect | Some explanation but hard to understand/misses the point | Correct interpretation |

1. 5 pts each

|  |  |  |  |
| --- | --- | --- | --- |
| Code (2pts) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented |
| Interpretation (3pts) | Missing or incorrect | Some explanation but hard to understand/misses the point | Correct interpretation |

1. 12 points

|  |  |  |  |
| --- | --- | --- | --- |
| Code (2pts) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented |
| Interpretation (10pts) | Missing or incorrect | Some explanation but hard to understand/misses the point | Correct interpretation |

1. 9pts

|  |  |  |  |
| --- | --- | --- | --- |
| Code (3pts) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented |
| Interpretation (6pts) | Missing or incorrect | Some explanation but hard to understand/misses the point | Correct interpretation: correlation is close to zero which is what we want/expect i.e. there is no residual unexplained patterns |

**Question 2 (50pts)**

a) 2 pts total

1. 15 pts

|  |  |  |  |
| --- | --- | --- | --- |
| Code (3pts) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented |
| Graphs (8pts) | Wrong chart type, wrong axes, poorly presented | Some things are okay, others not | Correct quantities plotted, correctly labeled, good title, easy to read |
| Interpretation (4pts) | Missing or incorrect | Some explanation but hard to understand/misses the point | Well-summarized commentary, picking up main patterns. Was basically looking for them to say untransformed is very right skewed but taking logs makes everything linear |

1. 5 pts

|  |  |  |  |
| --- | --- | --- | --- |
| Code (2pts) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented |
| Interpretation (3pts) | Missing or incorrect | Some explanation but hard to understand/misses the point | Correct interpretation |

1. 10 pts total

|  |  |  |  |
| --- | --- | --- | --- |
| Code (2pts) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented |
| Graphs (4pts) | Wrong chart type, wrong axes, poorly presented | Some things are okay, others not | Correct quantities plotted, correctly labeled, good title, easy to read |
| Interpretation (4pts) | Missing or incorrect | Some explanation but hard to understand/misses the point | Well-summarized commentary, picking up main patterns. Was basically looking for them to say untransformed is very right skewed but taking logs makes everything linear |

1. 6 pts

|  |  |  |  |
| --- | --- | --- | --- |
| Code (2pts) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented |
| Graph (2pts) | 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 | Well-summarized commentary, picking up main patterns. Was basically looking for them to say untransformed is very right skewed but taking logs makes everything linear |

1. 5 pts

|  |  |  |  |
| --- | --- | --- | --- |
| Code (2pts) | Incorrect, poorly documented | Correct but poorly documented/hard to read | Correct and well-documented |
| Interpretation (3pts) | Missing or incorrect | Some explanation but hard to understand/misses the point | Correct interpretation |

1. 7 pts

|  |  |  |  |
| --- | --- | --- | --- |
| Interpretation (6pts) | Missing or incorrect | Some explanation but hard to understand/misses the point | Correct interpretation. Collider bias, non-response bias, etc. Income and payments both positively correlated to whether or not fathers answered survey, so conditioning on answering survey creates a non-causal association between payments and income. |