|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Excellent** | **Good** | **Needs work** | **Points** | **Comments** |
| **Formatting**  3 points | 3 | 2 | 1 |  |  |
| * Followed all formatting guidelines. | * Failed to follow one formatting guideline. | * Failed to follow multiple formatting guidelines. |  |  |
| **Research**  **question**  10 points | 10, 9 | 8, 7, 6 | 5, 4, 3 |  |  |
| * Research question is clear, focused, concise, complex, and arguable. | * Research question is reasonably clear and focused, but may be too simple, too complex, or too verbose. | * Research question is unclear and lacks focus. * Research question is far too simple or overly complex. |  |  |
| **Data**  **sources**  10 points | 10, 9 | 8, 7, 6 | 5, 4, 3 |  |  |
| * Data sources are clearly described. * Validity of and concerns about data is discussed. | * Identified data sources are not clearly described. * Validity of and concerns about data are minimally discussed. | * Data sources are poorly described or missing. * Description of validity of and concerns about data are poor or missing. |  |  |
| **Description of data**  10 points | 10, 9 | 8, 7, 6 | 5, 4, 3 |  |  |
| * Clear descriptions and summaries of key variables. | * Minimal descriptions and summaries of only some but not all key variables. | * Poor or missing descriptions and summaries of key variables, relationships, or charts. |  |  |
| **Results**  30 points | 27 - 30 | 19 - 26 | 10 - 18 |  |  |
| * Charts expertly demonstrate the best practices of visual design, convey a clear message, are functionally accurate, and are easy to understand. * At least three main, polished charts are included. * Report is written in a narrative fashion and tells a clear, coherent story that addresses the research question. | * Charts generally demonstrate the best practices of visual design, convey a somewhat clear message, and are functionally accurate. * At least two main, polished charts are included. * Report is written in a less narrative and more bulleted fashion. * Key message is coherent but could be improved. | * Charts generally lack best practices of visual design; elements are confusing. * Charts are not informative for or unrelated to research question. * Narrative is poorly written and key message is not clear. |  |  |
| **Technical**  **things**  10 points | 10, 9 | 8, 7, 6 | 5, 4, 3 |  |  |
| * All code runs without errors. * All code and data are included in the submitted .zip file. * Analysis is fully reproducible (i.e. .Rmd file compiles). | * Code has only one or two errors. * All code and data are included in the submitted .zip file. | * Code has multiple errors. * Submitted .zip file is missing key components to be able to reproduce the analysis. |  |  |
|  |  |  | ***Total* :** |  |  |