Group Shiny Project – App – Rubric Group: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Category | Topic | Points | Poor  ( | Acceptable | Excellent  ( |
| Code | Clarity and organization | 7 | - Not readable  - No citation  - Poor structure  - Inoperable | - Operable  - Minor issues  - Lacks descriptive comments to document code | - Clean structure  - Clear purpose  - Efficiently coded |
| Code | Documentation of data source | 2 | - Not cited | - Cited but missing necessary information  - No download link | - Well cited, all necessary info (organization collecting data, web address for data access, any borrowed code chunks cited) |
| Code | Efficiency | 3 | - Unnecessary redundancy or processing in app code | - Uses aggregation to reduce data size *before* loading  - Avoids *most* unnecessary computation within app code | - Uses aggregation when applicable  - Avoids unnecessary computation within app code |
| Code | App description | 2 | - No App Description |  | - One paragraph description of app given as comment at top of app.R file |
| Functionality | App runs properly as submitted | 5 | - Does not load | - Loads, but slowly or with parts unrendered | - Loads fully in timely manner |
| Functionality | Controls and plots are functional | 5 | - Does not load or controls not active | - Most controls linked to intended app display features | - All controls work well |
| Graphical Quality | Plot originality, aesthetic appeal, and interface design | 8 | - Poor aesthetic design choices  - No control over plot displays in app | - Most choices appropriate for data type  - Minor issues with scaling  - Little control over plot displays in app | - Well designed plots and controls |
| Graphical Insights | Plots reveal interesting data characteristics | 8 | - Univariate plots  - Boring or no insight | - Low dimensionality  - Mediocre insights | - Multivariate displays with lots of interesting adaptations and insights |
| Total |  | 40 |  |  |  |