Michael Uftring

Indiana University

V506 - Statistical Analysis, Summer 2018

In-Class Exercise #2, Part 1

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**In-Class Exercise #2 Part 1**  
**SPEA Connect V506**  
***Due June 2nd, 2018 by 11.59pm EST via Canvas***

**Collecting data on Handedness**

Complete the following form and submit in doc or docx format under “In-Class Exercise #2 – Part I Collecting Data” in the Assignments section on Canvas.

Please indicate which hand you use for each of the following activities by putting a + in the appropriate column, or ++ if you would never use the other hand for the activity. If you are really indifferent, put + in both columns. Some of the activities require both hands. In these cases, the part of the task, or object, for which hand preference is wanted is indicated in parentheses.

|  |  |  |
| --- | --- | --- |
| Task | Left | Right |
| Writing |  | ++ |
| Drawing |  | ++ |
| Throwing | + | + |
| Scissors | + | + |
| Toothbrush | + | + |
| Knife (without fork) |  | ++ |
| Spoon |  | ++ |
| Broom (upper hand) | + | + |
| Striking match (hand that holds match) |  | ++ |
| Opening box (hand that holds lid) | + | + |
| Total | 5 | 15 |

Create a Left and Right score by counting the total number of + signs in each column. Your handedness score is (Right - Left)/(Right + Left): thus, a pure right-hander will have a score of (20 – 0)/(20 + 0) = 1, and a pure left-hander will score (0 – 20)/(0 + 20) = -1.

Score = (Right - Left)/(Right + Left)

= (15 - 5) / (15 + 5)

= 10 / 20

= 0.5