Lab 2

ENV260 Environmental Data Analysis

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Winter 2018

Lab Activity #2

1. 60 observations
2. 1. 18
   2. 0
   3. 2
3. 3: Forest, Shrubland, Agricultural
4. 4769.573986
5. sample 41, sample 19

|  |  |  |  |
| --- | --- | --- | --- |
|  | ag | forest | shrubland |
| United States | 1.9 (0.876) | 9.3 (3.536) | 5.4 (2.312) |
| Venezuela | 4.2 (3.563) | 18.2 (3.114) | 10 (3.082) |

1. Both locations show the forest environments as having the highest and ag environments as having the lowest richness.
2. There is no relationship between soil composition and plant richness
   1. There is no relationship between soil composition and plant richness
   2. There is a relationship between soil composition and plant richness
   3. Compare the data on soil richness with the data collected in soils of sand, clay, or silt. This could be compared in a pivot table, with the statistical relevancy tested with a chi squared test or a standard deviation calculation.