**Paired-T Test**

1. A group of seven patients of rheumatic heart disease with distention of abdomen due to ascites, affecting breathing capacity were treated. Could the change mentioned in the breathing capacity given in the following table be attributed to treatment? Data is in file Rheumatic.csv

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Maximum breathing capacity (L/min for 7 patients) | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Before Treatment | 102 | 89 | 32 | 82 | 36 | 56 | 79 |
| After Treatment | 132 | 116 | 50 | 82 | 61 | 64 | 92 |

1. Accumulation of plaque on teeth is a major cause of dental ill health. Producers of toothpaste often claim that use of their product will reduce the plaque. Data on three products are to be used to check which product/products reduces plaque? Data is in file plaque.csv