# **Table**

Comparing the average of total sessions undertaken across genders (men/women)

**Men**

* N=83
* Average sessions= 10.67470

**Women**

* N=85
* Average sessions= 13.57647

Shapiro-Wilk normality test

| Test | Test Statistic | P-Value | Conclusion |
| --- | --- | --- | --- |
| Shapiro-Wilk normality test for men | W = 0.17192 | **p-value < 2.2e-16** | Data doesn't show Normality |
| Shapiro-Wilk normality test for women | W = 0.40928 | **p-value < 2.2e-16** | Data doesn't show Normality |

Test of Mean Difference (Wilcoxon signed rank test):

P\_0 : Mean of Female

P\_1 : Mean of Male

| Test | Test Statistic | P-Value | Conclusion |
| --- | --- | --- | --- |
| H\_0 : P\_0 = P\_1  H\_1 : P\_0 /= P\_1 | V = 1904 | **p-value = 0.02239** | **We Reject null hypothesis** & accept the alternative hypothesis that there are differences between Female & Male. |
| H\_0 : P\_0 = P\_1  H\_1 : P\_0 > P\_1 | V = 1904 | **p-value = 0.0112** | **We Reject null hypothesis** & accept the alternative hypothesis that females have greater average sessions than Male. |

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