

Congruent ($n_1=24$)	Incongruent ($n_2=24$)	Difference between each pair
12.079	19.278	7.199
16.791	18.741	1.95
9.564	21.214	11.65
8.63	15.687	7.057
14.669	22.803	8.134
12.238	20.878	8.64
14.692	24.572	9.88
8.987	17.394	8.407
9.401	20.762	11.361
14.48	26.282	11.802
22.328	24.524	2.196
15.298	18.644	3.346
15.073	17.51	2.437
16.929	20.33	3.401
18.2	35.255	17.055
12.13	22.158	10.028
18.495	25.139	6.644
10.639	20.429	9.79
11.344	17.425	6.081
12.369	34.288	21.919
12.944	23.894	10.95
14.233	17.96	3.727
19.71	22.058	2.348
16.004	21.157	5.153
Average(X_1) Congruent	Average(X_2) Incongruent	Mean of the differences
14.051125	22.01591667	7.964791667
Median	Median	
14.3565	21.0175	

Sqrd of differences

0.594441
36.2404
13.5424
0.833569
0.026896
0.4489
3.6481
0.190969
11.498881
14.684224
33.339076
21.381376
30.614089
20.875761
82.537225
4.235364
1.758276
3.3124
3.568321
194.574601
8.8804
18.003049
31.606884
7.935489

Sum of differences

544.331091

Sample Standard Deviation

4.86482982

Standard error of the mean

0.993029229

T Statistic

8.020702148

Confidence Interval

9.661651667

6.267931667