

Congruent	Incongruent	Difference (Incog - Cong)
	12.079	19.278
	16.791	18.741
	9.564	21.214
	8.63	15.687
	14.669	22.803
	12.238	20.878
	14.692	24.572
	8.987	17.394
	9.401	20.762
	14.48	26.282
	22.328	24.524
	15.298	18.644
	15.073	17.51
	16.929	20.33
	18.2	35.255
	12.13	22.158
	18.495	25.139
	10.639	20.429
	11.344	17.425
	12.369	34.288
	12.944	23.894
	14.233	17.96
	19.71	22.058
	16.004	21.157
	14.051	22.016
		7.965
	14.3565	21.0175
		7.6665

Min

Max

8.63

22.328

Bin Size - Congruent

8
10
12
14
16
18
20
22
24

Min

Max

15.687

35.255

Bin Size - Incongruent

15
17
19
21
23
25
27
29
31
33
35
37

Min

Max

1.95

21.919

Bin Size - Difference

0
5
10
15
20
25

Congruent	Incongruent	Difference(Incongruent - Congruent)
	12.079	19.278
	16.791	18.741
	9.564	21.214
	8.63	15.687
	14.669	22.803
	12.238	20.878
	14.692	24.572
	8.987	17.394
	9.401	20.762
	14.48	26.282
	22.328	24.524
	15.298	18.644
	15.073	17.51
	16.929	20.33
	18.2	35.255
	12.13	22.158
	18.495	25.139
	10.639	20.429
	11.344	17.425
	12.369	34.288
	12.944	23.894
	14.233	17.96
	19.71	22.058
	16.004	21.157
		7.964791667

0.586436877
36.17771879
13.58076046
0.82408571
0.02863146
0.455906293
3.66802296
0.19554821
11.53423104
14.72416779
33.27895729
21.33323646
30.55648071
20.82819438
82.63188754
4.256828627
1.744490627
3.33138546
3.548671043
194.7199302
8.911468793
17.95887821
31.54834863
7.906172377

291.3876686

12.66902907

3.559357958

<= Variance Congruent

<= ST DEV Congruent

529.2704

7.496187674

0.64307034

40.05518617

0.619500174

1.29485434

6.533562007

21.36211367

1.572307007

18.19946701

6.290482007

11.36982201

20.30328501

2.842315007

175.2733275

0.020187674

9.753649507

2.518304507

21.07651584

150.6040293

3.527197007

16.45046001

0.0017771007

0.73773784

544.3304

23.01176

4.797057

<= Variance Incongruent

<= ST DEV Incongruent

0.586437

23.66654

4.864827

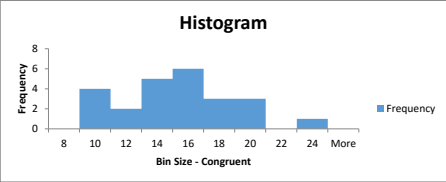
<= Variance Difference

<= ST DEV Difference

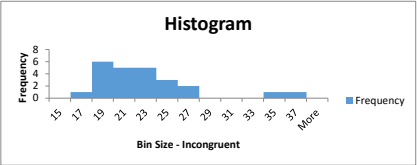
0.993028635

8.021148036

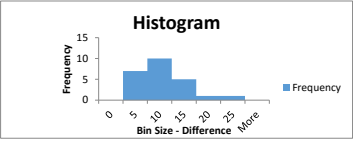
Bin Size - Congruent	Frequency
8	0
10	4
12	2
14	5
16	6
18	3
20	3
22	0
24	1
More	0



Bin Size - Incongruent	Frequency
15	0
17	1
19	6
21	5
23	5
25	3
27	2
29	0
31	0
33	0
35	1
37	1
More	0

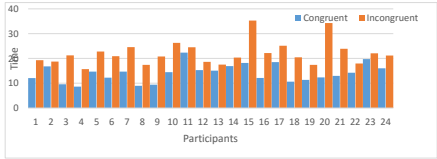


Bin Size - Difference	Frequency
0	0
5	7
10	10
15	5
20	1
25	1
More	0



Point Estimate for $\mu_{\text{incongruent}} - \mu_{\text{congruent}}$ =

7.965



$t = (\mu_{\text{incongruent}} - \mu_{\text{congruent}}) / \text{SEM}$

SEM = 0.993063967

1.702002 <= Margin of Error

1.714 <= t(critical)

t= 8.021148036

CI => 6.263 9.667002

Cohen's d =>

1.64

r^2

0.74

participants	Congruent	Incongruent
1	12.079	19.278
2	16.791	18.741
3	9.564	21.214
4	8.63	15.687
5	14.669	22.803
6	12.238	20.878
7	14.692	24.572
8	8.987	17.394
9	9.401	20.762
10	14.48	26.282
11	22.328	24.524
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13	15.073	17.51
14	16.929	20.33
15	18.2	35.255
16	12.13	22.158
17	18.495	25.139
18	10.639	20.429
19	11.344	17.425
20	12.369	34.288
21	12.944	23.894
22	14.233	17.96
23	19.71	22.058
24	16.004	21.157