

Congruent	Incongruent		con devitaion	con devitaion ^2	incon deviation	incon deviation ^2	difference	difference mean	(df - df mean)^2			con	incon	
12.079	19.278		-1.972125	3.889277016	-2.737916667	7.496187674	7.199	7.964791667	0.5864368767		均值	14.051125	22.01591667	
16.791	18.741		2.739875	7.506915016	-3.274916667	10.72507917	1.95		36.17771879		中位数	14.3565	21.0175	
9.564	21.214		-4.487125	20.13429077	-0.8019166667	0.6430703403	11.65		13.58076046		众数			
8.63	15.687		-5.421125	29.38859627	-6.328916667	40.05518617	7.057		0.8240857101					
14.669	22.803		0.617875	0.3817695156	0.7870833333	0.6195001736	8.134		0.02863146007		max	22.328	35.255	
12.238	20.878		-1.813125	3.287422266	-1.137916667	1.29485434	8.64		0.4559062934		min	8.63	15.687	
14.692	24.572		0.640875	0.4107207656	2.556083333	6.533562007	9.88		3.66802296		max-min	13.698	19.568	
8.987	17.394		-5.064125	25.64536202	-4.621916667	21.36211367	8.407		0.1955482101					
9.401	20.762		-4.650125	21.62366252	-1.253916667	1.572307007	11.361		11.53423104		Q1	11.711	18.7	
14.48	26.282		0.428875	0.1839337656	4.266083333	18.19946701	11.802		14.72416779		Q3	16.4	24.21	
22.328	24.524		8.276875	68.50665977	2.508083333	6.290482007	2.196		33.27895729		IQR = Q3 - Q1	4.689	5.51	
15.298	18.644		1.246875	1.554697266	-3.371916667	11.36982201	3.346		21.33323646					
15.073	17.51		1.021875	1.044228516	-4.505916667	20.30328501	2.437		30.55648071		standard deviation	3.559357958	4.797057122	
16.929	20.33		2.877875	8.282164516	-1.685916667	2.842315007	3.401		20.82819438					
18.2	35.255		4.148875	17.21316377	13.23908333	175.2733275	17.055		82.63188754		difference average			7.964791667
12.13	22.158		-1.921125	3.690721266	0.1420833333	0.02018767361	10.028		4.256828627		sd of difference			4.86482691
18.495	25.139		4.443875	19.74802502	3.123083333	9.753649507	6.644		1.744490627		SEM			0.9930286348
10.639	20.429		-3.412125	11.64259702	-1.586916667	2.518304507	9.79		3.33138546		t statistic			8.020706944
11.344	17.425		-2.707125	7.328525766	-4.590916667	21.07651584	6.081		3.548671043					
12.369	34.288		-1.682125	2.829544516	12.27208333	150.6040293	21.919		194.7199302					
12.944	23.894		-1.107125	1.225725766	1.878083333	3.527197007	10.95		8.911468793					
14.233	17.96		0.181875	0.03307851562	-4.055916667	16.45046001	3.727		17.95887821					
19.71	22.058		5.658875	32.02286627	0.04208333333	0.001771006944	2.348		31.54834863					
16.004	21.157		1.952875	3.813720766	-0.8589166667	0.7377378403	5.153		7.906172377					

