

SPSS Output for Treatment of Agoraphobia Experiment

Between-Subjects Factors

		Value Label	N
Drug	1.00	Prozac	18
	2.00	Elavil	18
	3.00	Xanax	18
	4.00	Placebo	18
Therapy	1.00	Psychodynamic	24
	2.00	Cog/Beh	24
	3.00	Group	24
Depression	1.00	No	36
	2.00	Yes	36

Tests of Between-Subjects Effects

Dependent Variable: Severity

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	1009.278(a)	23	43.882	15.957	.000
Intercept	12746.722	1	12746.722	4635.172	.000
Drug	486.722	3	162.241	58.997	.000
Therapy	33.361	2	16.681	6.066	.004
Depression	40.500	1	40.500	14.727	.000
Drug * Therapy	385.528	6	64.255	23.365	.000
Drug * Depression	20.944	3	6.981	2.539	.068
Therapy * Depression	31.083	2	15.542	5.652	.006
Drug * Therapy * Depression	11.139	6	1.856	.675	.670
Error	132.000	48	2.750		
Total	13888.000	72			
Corrected Total	1141.278	71			

(a) R Squared = .884 (Adjusted R Squared = .829)

1. Grand Mean

Dependent Variable: Severity

Mean	Std. Error	95% Confidence Interval	
		Lower Bound	Upper Bound
13.306	.195	12.913	13.699

2. Drug

Dependent Variable: Severity

Drug	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Prozac	9.944	.391	9.159	10.730
Elavil	11.667	.391	10.881	12.453
Xanax	15.278	.391	14.492	16.064
Placebo	16.333	.391	15.547	17.119

3. Therapy

Dependent Variable: Severity

Therapy	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Psychodynamic	14.125	.339	13.444	14.806
Cog/Beh	12.458	.339	11.778	13.139
Group	13.333	.339	12.653	14.014

4. Depression

Dependent Variable: Severity

Depression	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
No	14.056	.276	13.500	14.611
Yes	12.556	.276	12.000	13.111

5. Drug * Therapy

Dependent Variable: Severity

Drug	Therapy	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Prozac	Psychodynamic	9.333	.677	7.972	10.695
	Cog/Beh	9.833	.677	8.472	11.195
	Group	10.667	.677	9.305	12.028
Elavil	Psychodynamic	10.000	.677	8.639	11.361
	Cog/Beh	12.500	.677	11.139	13.861
	Group	12.500	.677	11.139	13.861
Xanax	Psychodynamic	16.667	.677	15.305	18.028
	Cog/Beh	11.000	.677	9.639	12.361
	Group	18.167	.677	16.805	19.528
Placebo	Psychodynamic	20.500	.677	19.139	21.861
	Cog/Beh	16.500	.677	15.139	17.861
	Group	12.000	.677	10.639	13.361

6. Drug * Depression

Dependent Variable: Severity

Drug	Depression	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Prozac	No	10.333	.553	9.222	11.445
	Yes	9.556	.553	8.444	10.667
Elavil	No	11.778	.553	10.666	12.889
	Yes	11.556	.553	10.444	12.667
Xanax	No	16.778	.553	15.666	17.889
	Yes	13.778	.553	12.666	14.889
Placebo	No	17.333	.553	16.222	18.445
	Yes	15.333	.553	14.222	16.445

7. Therapy * Depression

Dependent Variable: Severity

Therapy	Depression	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Psychodynamic	No	15.583	.479	14.621	16.546
	Yes	12.667	.479	11.704	13.629
Cog/Beh	No	12.333	.479	11.371	13.296
	Yes	12.583	.479	11.621	13.546
Group	No	14.250	.479	13.287	15.213
	Yes	12.417	.479	11.454	13.379

8. Drug * Therapy * Depression

Dependent Variable: Severity

Drug	Therapy	Depression	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
Prozac	Psychodynamic	No	10.000	.957	8.075	11.925
		Yes	8.667	.957	6.742	10.592
	Cog/Beh	No	9.333	.957	7.408	11.258
		Yes	10.333	.957	8.408	12.258
	Group	No	11.667	.957	9.742	13.592
		Yes	9.667	.957	7.742	11.592
Elavil	Psychodynamic	No	11.333	.957	9.408	13.258
		Yes	8.667	.957	6.742	10.592
	Cog/Beh	No	11.000	.957	9.075	12.925
		Yes	14.000	.957	12.075	15.925
	Group	No	13.000	.957	11.075	14.925
		Yes	12.000	.957	10.075	13.925
Xanax	Psychodynamic	No	19.000	.957	17.075	20.925
		Yes	14.333	.957	12.408	16.258
	Cog/Beh	No	12.000	.957	10.075	13.925
		Yes	10.000	.957	8.075	11.925
	Group	No	19.333	.957	17.408	21.258
		Yes	17.000	.957	15.075	18.925
Placebo	Psychodynamic	No	22.000	.957	20.075	23.925
		Yes	19.000	.957	17.075	20.925
	Cog/Beh	No	17.000	.957	15.075	18.925
		Yes	16.000	.957	14.075	17.925
	Group	No	13.000	.957	11.075	14.925
		Yes	11.000	.957	9.075	12.925

Multiple Comparisons

Dependent Variable: Severity

	(I) Drug	(J) Drug	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Tukey HSD	Prozac	Elavil	-1.7222*	.55277	.016	-3.1934	-.2511
		Xanax	-5.3333*	.55277	.000	-6.8045	-3.8622
		Placebo	-6.3889*	.55277	.000	-7.8600	-4.9178
	Elavil	Prozac	1.7222*	.55277	.016	.2511	3.1934
		Xanax	-3.6111*	.55277	.000	-5.0822	-2.1400
		Placebo	-4.6667*	.55277	.000	-6.1378	-3.1955
	Xanax	Prozac	5.3333*	.55277	.000	3.8622	6.8045
		Elavil	3.6111*	.55277	.000	2.1400	5.0822
		Placebo	-1.0556	.55277	.238	-2.5267	.4156
	Placebo	Prozac	6.3889*	.55277	.000	4.9178	7.8600
		Elavil	4.6667*	.55277	.000	3.1955	6.1378
		Xanax	1.0556	.55277	.238	-.4156	2.5267
LSD	Prozac	Elavil	-1.7222*	.55277	.003	-2.8336	-.6108
		Xanax	-5.3333*	.55277	.000	-6.4448	-4.2219
		Placebo	-6.3889*	.55277	.000	-7.5003	-5.2775
	Elavil	Prozac	1.7222*	.55277	.003	.6108	2.8336
		Xanax	-3.6111*	.55277	.000	-4.7225	-2.4997
		Placebo	-4.6667*	.55277	.000	-5.7781	-3.5552
	Xanax	Prozac	5.3333*	.55277	.000	4.2219	6.4448
		Elavil	3.6111*	.55277	.000	2.4997	4.7225
		Placebo	-1.0556	.55277	.062	-2.1670	.0559
	Placebo	Prozac	6.3889*	.55277	.000	5.2775	7.5003
		Elavil	4.6667*	.55277	.000	3.5552	5.7781
		Xanax	1.0556	.55277	.062	-.0559	2.1670

Based on observed means.

*. The mean difference is significant at the .05 level.

Severity

Drug	N	Subset		
		1	2	3
Tukey HSD ^{a,b}				
Prozac	18	9.9444		
Elavil	18		11.6667	
Xanax	18			15.2778
Placebo	18			16.3333
Sig.		1.000	1.000	.238

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 2.750.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = .05.

Multiple Comparisons

Dependent Variable: Severity

	(I) Therapy	(J) Therapy	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Tukey HSD	Psychodynamic	Cog/Beh	1.6667*	.47871	.003	.5089	2.8244
		Group	.7917	.47871	.233	-.3661	1.9494
	Cog/Beh	Psychodynamic	-1.6667*	.47871	.003	-2.8244	-.5089
		Group	-.8750	.47871	.171	-2.0328	.2828
	Group	Psychodynamic	-.7917	.47871	.233	-1.9494	.3661
		Cog/Beh	.8750	.47871	.171	-.2828	2.0328
LSD	Psychodynamic	Cog/Beh	1.6667*	.47871	.001	.7041	2.6292
		Group	.7917	.47871	.105	-.1709	1.7542
	Cog/Beh	Psychodynamic	-1.6667*	.47871	.001	-2.6292	-.7041
		Group	-.8750	.47871	.074	-1.8375	.0875
	Group	Psychodynamic	-.7917	.47871	.105	-1.7542	.1709
		Cog/Beh	.8750	.47871	.074	-.0875	1.8375

Based on observed means.

*. The mean difference is significant at the .05 level.

Severity

Therapy	N	Subset	
		1	2
Tukey HSD ^{a,b}			
Cog/Beh	24	12.4583	
Group	24	13.3333	13.3333
Psychodynamic	24		14.1250
Sig.		.171	.233

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 2.750.

a. Uses Harmonic Mean Sample Size = 24.000.

b. Alpha = .05.