

Sigma Stat statistical analysis results corresponding to Table 1 of Richardson *et al.*

One Way Analysis of Variance

Data source: SSP#0116

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.119)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	231.803	97.856	48.928
12mon	5	0	88.406	100.953	45.147
24mon	5	0	389.724	89.060	39.829
34mon	4	0	720.135	242.479	121.239

Source of Variation	DF	SS	MS	F	P
Between Groups	3	953355.878	317785.293	16.026	<0.001
Residual	14	277607.486	19829.106		
Total	17	1230963.364			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = <0.001).

Power of performed test with alpha = 0.050: 1.000

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 12mon	631.729	6.688	<0.001	0.009	Yes
34mon vs. 4mon	488.332	4.904	<0.001	0.010	Yes
34mon vs. 24mon	330.411	3.498	0.004	0.013	Yes
24mon vs. 12mon	301.318	3.383	0.004	0.017	Yes
24mon vs. 4mon	157.922	1.672	0.117	0.025	No
4mon vs. 12mon	143.397	1.518	0.151	0.050	No

One Way Analysis of Variance

Data source: SSP#1003

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.695)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	1519.495	747.504	373.752
12mon	5	0	1946.490	383.173	171.360
24mon	5	0	3866.934	713.315	319.004
34mon	4	0	4011.618	331.216	165.608

Source of Variation	DF	SS	MS	F	P
Between Groups	3	21730167.317	7243389.106	21.912	<0.001
Residual	14	4627959.569	330568.541		
Total	17	26358126.886			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = <0.001).

Power of performed test with alpha = 0.050: 1.000

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):

Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 4mon	2492.123	6.130	<0.001	0.009	Yes
24mon vs. 4mon	2347.439	6.086	<0.001	0.010	Yes
34mon vs. 12mon	2065.128	5.354	<0.001	0.013	Yes
24mon vs. 12mon	1920.444	5.281	<0.001	0.017	Yes
12mon vs. 4mon	426.995	1.107	0.287	0.025	No
34mon vs. 24mon	144.684	0.375	0.713	0.050	No

One Way Analysis of Variance

Data source: SSP#1006

Normality Test: Passed (P > 0.050)

Equal Variance Test: Failed (P = 0.004)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	237.865	76.295	38.148
12mon	5	0	354.026	240.910	107.738
24mon	5	0	1076.666	513.245	229.530
34mon	4	0	865.060	259.966	129.983

Source of Variation	DF	SS	MS	F	P
Between Groups	3	2211636.567	737212.189	6.853	0.005
Residual	14	1506043.670	107574.548		
Total	17	3717680.237			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.005).

Power of performed test with alpha = 0.050: 0.882

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):

Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
24mon vs. 4mon	838.801	3.812	0.002	0.009	Yes
24mon vs. 12mon	722.640	3.484	0.004	0.010	Yes
34mon vs. 4mon	627.195	2.704	0.017	0.013	Yes
34mon vs. 12mon	511.034	2.323	0.036	0.017	Yes
24mon vs. 34mon	211.606	0.962	0.352	0.025	No
12mon vs. 4mon	116.161	0.528	0.606	0.050	No

One Way Analysis of Variance

Data source: SSP#1111

Normality Test: Passed (P > 0.050)

Equal Variance Test: Failed (P = 0.015)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	0.000	0.000	0.000
12mon	5	0	50.996	52.757	23.593
24mon	5	0	152.870	82.215	36.768
34mon	4	0	435.833	55.243	27.621

Source of Variation	DF	SS	MS	F	P
Between Groups	3	465632.890	155210.963	45.915	<0.001
Residual	14	47325.774	3380.412		
Total	17	512958.665			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = <0.001).

Power of performed test with alpha = 0.050: 1.000

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):

Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 4mon	435.833	10.601	<0.001	0.009	Yes
34mon vs. 12mon	384.837	9.867	<0.001	0.010	Yes
34mon vs. 24mon	282.963	7.255	<0.001	0.013	Yes
24mon vs. 4mon	152.870	3.920	0.002	0.017	Yes
24mon vs. 12mon	101.874	2.770	0.015	0.025	Yes
12mon vs. 4mon	50.996	1.308	0.212	0.050	No

One Way Analysis of Variance

Data source: SSP#1112

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.701)

Group Name	N	Missing	Mean	Std Dev	SEM
4m	4	0	743.330	102.118	51.059
12m	5	0	745.054	111.576	49.898
24m	5	0	1049.760	271.039	121.212
34m	4	0	1147.063	110.658	55.329

Source of Variation	DF	SS	MS	F	P
Between Groups	3	568264.507	189421.502	6.442	0.006
Residual	14	411665.507	29404.679		
Total	17	979930.014			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.006).

Power of performed test with alpha = 0.050: 0.855

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):

Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34m vs. 12m	402.009	3.495	0.004	0.009	Yes
34m vs. 4m	403.733	3.330	0.005	0.010	Yes
24m vs. 12m	304.706	2.810	0.014	0.013	Yes
24m vs. 4m	306.430	2.664	0.019	0.017	Yes
34m vs. 24m	97.303	0.846	0.412	0.025	No
12m vs. 4m	1.724	0.0150	0.988	0.050	No

One Way Analysis of Variance

Data source: SSP#1209

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.730)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	223.520	57.861	28.931
12mon	5	0	206.340	67.443	30.162
24mon	5	0	468.160	81.320	36.367
34mon	4	0	662.278	226.037	113.018

Source of Variation	DF	SS	MS	F	P
Between Groups	3	605997.939	201999.313	13.598	<0.001
Residual	14	207967.434	14854.817		
Total	17	813965.373			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = <0.001).

Power of performed test with alpha = 0.050: 0.998

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):

Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 12mon	455.938	5.577	<0.001	0.009	Yes
34mon vs. 4mon	438.758	5.091	<0.001	0.010	Yes
24mon vs. 12mon	261.820	3.397	0.004	0.013	Yes
24mon vs. 4mon	244.640	2.992	0.010	0.017	Yes
34mon vs. 24mon	194.118	2.374	0.032	0.025	Yes
4mon vs. 12mon	17.180	0.210	0.837	0.050	No

One Way Analysis of Variance

Data source: SSP#1211

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.447)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	103.035	87.318	43.659
12mon	5	0	162.072	111.432	49.834
24mon	5	0	352.686	165.872	74.180
34mon	4	0	509.765	107.982	53.991

Source of Variation	DF	SS	MS	F	P
Between Groups	3	432373.088	144124.363	9.274	0.001
Residual	14	217575.943	15541.139		
Total	17	649949.031			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.001).

Power of performed test with alpha = 0.050: 0.969

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):

Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 4mon	406.730	4.614	<0.001	0.009	Yes
34mon vs. 12mon	347.693	4.158	<0.001	0.010	Yes
24mon vs. 4mon	249.651	2.985	0.010	0.013	Yes
24mon vs. 12mon	190.614	2.418	0.030	0.017	Yes
34mon vs. 24mon	157.079	1.878	0.081	0.025	No
12mon vs. 4mon	59.037	0.706	0.492	0.050	No

One Way Analysis of Variance

Data source: SSP#1305

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.099)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	54.787	31.595	15.797
12mon	5	0	102.712	73.687	32.954
24mon	5	0	328.262	134.025	59.938
34mon	4	0	408.195	134.130	67.065

Source of Variation	DF	SS	MS	F	P
Between Groups	3	378114.111	126038.037	11.722	<0.001
Residual	14	150537.321	10752.666		
Total	17	528651.432			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = <0.001).

Power of performed test with alpha = 0.050: 0.993

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 4mon	353.408	4.820	<0.001	0.009	Yes
34mon vs. 12mon	305.483	4.392	<0.001	0.010	Yes
24mon vs. 4mon	273.475	3.931	0.002	0.013	Yes
24mon vs. 12mon	225.550	3.439	0.004	0.017	Yes
34mon vs. 24mon	79.933	1.149	0.270	0.025	No
12mon vs. 4mon	47.925	0.689	0.502	0.050	No

One Way Analysis of Variance

Data source: SSP#1617

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.820)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	284.337	249.390	124.695
12mon	5	0	1098.282	392.390	175.482
24mon	5	0	513.806	306.034	136.862
34mon	4	0	1657.408	489.683	244.842

Source of Variation	DF	SS	MS	F	P
Between Groups	3	4745421.534	1581807.178	11.677	<0.001
Residual	14	1896461.919	135461.566		
Total	17	6641883.452			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = <0.001).

Power of performed test with alpha = 0.050: 0.993

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):

Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 4mon	1373.070	5.276	<0.001	0.009	Yes
34mon vs. 24mon	1143.602	4.632	<0.001	0.010	Yes
12mon vs. 4mon	813.944	3.297	0.005	0.013	Yes
12mon vs. 24mon	584.476	2.511	0.025	0.017	Yes
34mon vs. 12mon	559.126	2.265	0.040	0.025	Yes
24mon vs. 4mon	229.468	0.929	0.368	0.050	No

One Way Analysis of Variance

Data source: SSP#2002

Normality Test: Failed (P = 0.014)

Equal Variance Test: Passed (P = 0.746)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	257.420	514.840	257.420
12mon	5	0	1163.390	470.106	210.238
24mon	5	0	2516.574	1056.562	472.509
34mon	4	0	2635.010	1738.552	869.276

Source of Variation	DF	SS	MS	F	P
Between Groups	3	16572757.762	5524252.587	5.084	0.014
Residual	14	15212156.225	1086582.588		
Total	17	31784913.987			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.014).

Power of performed test with alpha = 0.050: 0.727

The power of the performed test (0.727) is below the desired power of 0.800. You should interpret the negative findings cautiously.

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
24mon vs. 4mon	2259.154	3.231	0.006	0.009	Yes
34mon vs. 4mon	2377.590	3.226	0.006	0.010	Yes
34mon vs. 12mon	1471.620	2.105	0.054	0.013	No
24mon vs. 12mon	1353.184	2.053	0.059	0.017	No
12mon vs. 4mon	905.970	1.296	0.216	0.025	No
34mon vs. 24mon	118.436	0.169	0.868	0.050	No

One Way Analysis of Variance

Data source: SSP#2003

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.270)

Group Name	N	Missing	Mean	Std Dev	SEM
4m	4	0	737.152	272.243	136.121
12m	5	0	1827.718	706.305	315.869
24m	5	0	1969.064	1449.776	648.360
34m	4	0	3494.523	1347.438	673.719

Source of Variation	DF	SS	MS	F	P
Between Groups	3	15466271.942	5155423.981	4.491	0.021
Residual	14	16071984.158	1147998.868		
Total	17	31538256.100			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.021).

Power of performed test with alpha = 0.050: 0.649

The power of the performed test (0.649) is below the desired power of 0.800. You should interpret the negative findings cautiously.

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34m vs. 4m	2757.370	3.639	0.003	0.009	Yes
34m vs. 12m	1666.805	2.319	0.036	0.010	Yes
34m vs. 24m	1525.459	2.122	0.052	0.013	No
24m vs. 4m	1231.911	1.714	0.109	0.017	No
12m vs. 4m	1090.566	1.517	0.151	0.025	No
24m vs. 12m	141.346	0.209	0.838	0.050	No

One Way Analysis of Variance

Data source: SSP#2102

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.376)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	1146.815	575.871	287.936
12mon	5	0	1031.846	162.930	72.865
24mon	5	0	1897.614	438.675	196.182
34mon	4	0	2262.412	253.124	126.562

Source of Variation	DF	SS	MS	F	P
Between Groups	3	4618753.199	1539584.400	10.448	<0.001
Residual	14	2063029.313	147359.237		
Total	17	6681782.512			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = <0.001).

Power of performed test with alpha = 0.050: 0.985

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 12mon	1230.566	4.779	<0.001	0.009	Yes
34mon vs. 4mon	1115.597	4.110	0.001	0.010	Yes
24mon vs. 12mon	865.768	3.566	0.003	0.013	Yes
24mon vs. 4mon	750.799	2.916	0.011	0.017	Yes
34mon vs. 24mon	364.798	1.417	0.178	0.025	No
4mon vs. 12mon	114.969	0.446	0.662	0.050	No

One Way Analysis of Variance

Data source: SSP#2112

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.505)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	276.543	93.210	46.605
12mon	5	0	125.216	58.954	26.365
24mon	5	0	93.216	30.976	13.853
34mon	4	0	42.008	43.012	21.506

Source of Variation	DF	SS	MS	F	P
Between Groups	3	123710.681	41236.894	11.697	<0.001
Residual	14	49354.757	3525.340		
Total	17	173065.438			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = <0.001).

Power of performed test with alpha = 0.050: 0.993

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
4mon vs. 34mon	234.535	5.586	<0.001	0.009	Yes
4mon vs. 24mon	183.327	4.603	<0.001	0.010	Yes
4mon vs. 12mon	151.327	3.799	0.002	0.013	Yes
12mon vs. 34mon	83.209	2.089	0.055	0.017	No
24mon vs. 34mon	51.208	1.286	0.219	0.025	No
12mon vs. 24mon	32.000	0.852	0.408	0.050	No

One Way Analysis of Variance

Data source: SSP#2201

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.081)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	252.853	53.290	26.645
12mon	5	0	286.818	79.227	35.431
24mon	5	0	502.946	161.616	72.277
34mon	4	0	678.433	206.795	103.397

Source of Variation	DF	SS	MS	F	P
Between Groups	3	501268.502	167089.501	8.781	0.002
Residual	14	266398.073	19028.434		
Total	17	767666.575			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.002).

Power of performed test with alpha = 0.050: 0.959

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 4mon	425.580	4.363	<0.001	0.009	Yes
34mon vs. 12mon	391.615	4.232	<0.001	0.010	Yes
24mon vs. 4mon	250.093	2.703	0.017	0.013	Yes
24mon vs. 12mon	216.128	2.477	0.027	0.017	Yes
34mon vs. 24mon	175.487	1.896	0.079	0.025	No
12mon vs. 4mon	33.965	0.367	0.719	0.050	No

One Way Analysis of Variance

Data source: SSP#2403

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.597)

Group Name	N	Missing	Mean	Std Dev	SEM
4m	4	0	1735.205	823.336	411.668
12m	5	0	1695.292	475.865	212.813
24m	5	0	2885.556	473.963	211.963
34m	4	0	2806.155	511.699	255.849

Source of Variation	DF	SS	MS	F	P
Between Groups	3	5837421.337	1945807.112	5.892	0.008
Residual	14	4623505.122	330250.366		
Total	17	10460926.459			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.008).

Power of performed test with alpha = 0.050: 0.811

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
24m vs. 12m	1190.264	3.275	0.006	0.009	Yes
24m vs. 4m	1150.351	2.984	0.010	0.010	Yes
34m vs. 12m	1110.863	2.882	0.012	0.013	Yes
34m vs. 4m	1070.950	2.635	0.020	0.017	Yes
24m vs. 34m	79.401	0.206	0.840	0.025	No
4m vs. 12m	39.913	0.104	0.919	0.050	No

One Way Analysis of Variance

Data source: SSP#2406

Normality Test: Failed (P = 0.011)

Equal Variance Test: Passed (P = 0.106)

Group Name	N	Missing	Mean	Std Dev	SEM
4m	4	0	108.772	38.037	19.019
12m	5	0	460.390	203.294	90.916
24m	5	0	678.802	225.968	101.056
34m	4	0	426.173	346.309	173.154

Source of Variation	DF	SS	MS	F	P
Between Groups	3	726427.732	242142.577	4.620	0.019
Residual	14	733688.349	52406.311		
Total	17	1460116.081			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.019).

Power of performed test with alpha = 0.050: 0.667

The power of the performed test (0.667) is below the desired power of 0.800. You should interpret the negative findings cautiously.

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
24m vs. 4m	570.029	3.712	0.002	0.009	Yes
12m vs. 4m	351.618	2.290	0.038	0.010	Yes
34m vs. 4m	317.400	1.961	0.070	0.013	No
24m vs. 34m	252.629	1.645	0.122	0.017	No
24m vs. 12m	218.412	1.509	0.154	0.025	No
12m vs. 34m	34.217	0.223	0.827	0.050	No

One Way Analysis of Variance

Data source: SSP#2506

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.598)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	146.120	47.971	23.986
12mon	5	0	147.990	78.213	34.978
24mon	5	0	290.012	52.307	23.392
34mon	4	0	432.150	101.271	50.635

Source of Variation	DF	SS	MS	F	P
Between Groups	3	235913.178	78637.726	15.064	<0.001
Residual	14	73084.031	5220.288		
Total	17	308997.210			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = <0.001).

Power of performed test with alpha = 0.050: 0.999

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 12mon	284.160	5.863	<0.001	0.009	Yes
34mon vs. 4mon	286.030	5.599	<0.001	0.010	Yes
24mon vs. 12mon	142.022	3.108	0.008	0.013	Yes
24mon vs. 4mon	143.892	2.969	0.010	0.017	Yes
34mon vs. 24mon	142.138	2.933	0.011	0.025	Yes
12mon vs. 4mon	1.870	0.0386	0.970	0.050	No

One Way Analysis of Variance

Data source: SSP#2825

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.545)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	120.850	38.373	19.187
12mon	5	0	55.564	21.377	9.560
24mon	5	0	28.492	13.491	6.033
34mon	4	0	26.613	9.718	4.859

Source of Variation	DF	SS	MS	F	P
Between Groups	3	24060.739	8020.246	15.473	<0.001
Residual	14	7256.812	518.344		
Total	17	31317.552			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = <0.001).

Power of performed test with alpha = 0.050: 0.999

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
4mon vs. 24mon	92.358	6.047	<0.001	0.009	Yes
4mon vs. 34mon	94.238	5.854	<0.001	0.010	Yes
4mon vs. 12mon	65.286	4.275	<0.001	0.013	Yes
12mon vs. 34mon	28.951	1.896	0.079	0.017	No
12mon vs. 24mon	27.072	1.880	0.081	0.025	No
24mon vs. 34mon	1.880	0.123	0.904	0.050	No

One Way Analysis of Variance

Data source: SSP#3203

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.091)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	1061.065	70.049	35.025
12mon	5	0	1081.938	293.528	131.270
24mon	5	0	1266.206	314.925	140.839
34mon	4	0	1648.948	118.242	59.121

Source of Variation	DF	SS	MS	F	P
Between Groups	3	921597.086	307199.029	5.389	0.011
Residual	14	798010.373	57000.741		
Total	17	1719607.459			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.011).

Power of performed test with alpha = 0.050: 0.761

The power of the performed test (0.761) is below the desired power of 0.800. You should interpret the negative findings cautiously.

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 12mon	567.010	3.540	0.003	0.009	Yes
34mon vs. 4mon	587.882	3.482	0.004	0.010	Yes
34mon vs. 24mon	382.742	2.390	0.031	0.013	Yes
24mon vs. 4mon	205.141	1.281	0.221	0.017	No
24mon vs. 12mon	184.268	1.220	0.242	0.025	No
12mon vs. 4mon	20.873	0.130	0.898	0.050	No

One Way Analysis of Variance

Data source: SSP#3303

Normality Test: Passed (P > 0.050)

Equal Variance Test: Failed (P = <0.001)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	77.537	31.798	15.899
12mon	5	0	226.810	65.568	29.323
24mon	5	0	369.928	60.927	27.247
34mon	4	0	318.517	106.758	53.379

Source of Variation	DF	SS	MS	F	P
Between Groups	3	212098.144	70699.381	14.289	<0.001
Residual	14	69270.468	4947.891		
Total	17	281368.612			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = <0.001).

Power of performed test with alpha = 0.050: 0.999

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
24mon vs. 4mon	292.391	6.197	<0.001	0.009	Yes
34mon vs. 4mon	240.980	4.845	<0.001	0.010	Yes
24mon vs. 12mon	143.118	3.217	0.006	0.013	Yes
12mon vs. 4mon	149.273	3.163	0.007	0.017	Yes
34mon vs. 12mon	91.707	1.944	0.072	0.025	No
24mon vs. 34mon	51.411	1.090	0.294	0.050	No

One Way Analysis of Variance

Data source: SSP#3401

Normality Test: Passed (P > 0.050)

Equal Variance Test: Failed (P = <0.001)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	157.283	16.778	8.389
12mon	5	0	142.702	12.455	5.570
24mon	5	0	198.964	35.501	15.877
34mon	4	0	227.805	37.376	18.688

Source of Variation	DF	SS	MS	F	P
Between Groups	3	19955.296	6651.765	8.706	0.002
Residual	14	10697.177	764.084		
Total	17	30652.473			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.002).

Power of performed test with alpha = 0.050: 0.957

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 12mon	85.103	4.590	<0.001	0.009	Yes
34mon vs. 4mon	70.522	3.608	0.003	0.010	Yes
24mon vs. 12mon	56.262	3.218	0.006	0.013	Yes
24mon vs. 4mon	41.682	2.248	0.041	0.017	Yes
34mon vs. 24mon	28.841	1.555	0.142	0.025	No
4mon vs. 12mon	14.580	0.786	0.445	0.050	No

One Way Analysis of Variance

Data source: SSP#3408

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.642)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	329.887	78.160	39.080
12mon	5	0	170.016	61.823	27.648
24mon	5	0	76.052	28.835	12.895
34mon	4	0	76.933	41.969	20.985

Source of Variation	DF	SS	MS	F	P
Between Groups	3	178757.998	59585.999	19.756	<0.001
Residual	14	42225.658	3016.118		
Total	17	220983.655			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = <0.001).

Power of performed test with alpha = 0.050: 1.000

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
4mon vs. 24mon	253.836	6.890	<0.001	0.009	Yes
4mon vs. 34mon	252.955	6.514	<0.001	0.010	Yes
4mon vs. 12mon	159.872	4.340	<0.001	0.013	Yes
12mon vs. 24mon	93.964	2.705	0.017	0.017	Yes
12mon vs. 34mon	93.083	2.527	0.024	0.025	Yes
34mon vs. 24mon	0.881	0.0239	0.981	0.050	No

One Way Analysis of Variance

Data source: SSP#3608

Normality Test: Failed (P = 0.036)

Equal Variance Test: Passed (P = 0.666)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	22.973	18.869	9.434
12mon	5	0	142.632	73.056	32.672
24mon	5	0	112.362	40.463	18.096
34mon	4	0	251.618	116.675	58.338

Source of Variation	DF	SS	MS	F	P
Between Groups	3	107274.425	35758.142	7.172	0.004
Residual	14	69805.033	4986.074		
Total	17	177079.457			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.004).

Power of performed test with alpha = 0.050: 0.900

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 4mon	228.645	4.579	<0.001	0.009	Yes
34mon vs. 24mon	139.255	2.940	0.011	0.010	Yes
12mon vs. 4mon	119.660	2.526	0.024	0.013	Yes
34mon vs. 12mon	108.986	2.301	0.037	0.017	Yes
24mon vs. 4mon	89.389	1.887	0.080	0.025	No
12mon vs. 24mon	30.270	0.678	0.509	0.050	No

One Way Analysis of Variance

Data source: SSP#3609

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.574)

Group Name	N	Missing	Mean	Std Dev	SEM
4m	4	0	165.310	93.472	46.736
12m	5	0	590.378	164.470	73.553
24m	5	0	722.490	120.082	53.702
34m	4	0	361.560	289.602	144.801

Source of Variation	DF	SS	MS	F	P
Between Groups	3	807098.583	269032.861	8.489	0.002
Residual	14	443699.522	31692.823		
Total	17	1250798.105			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.002).

Power of performed test with alpha = 0.050: 0.951

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
24m vs. 4m	557.180	4.666	<0.001	0.009	Yes
12m vs. 4m	425.068	3.559	0.003	0.010	Yes
24m vs. 34m	360.930	3.022	0.009	0.013	Yes
12m vs. 34m	228.818	1.916	0.076	0.017	No
34m vs. 4m	196.250	1.559	0.141	0.025	No
24m vs. 12m	132.112	1.173	0.260	0.050	No

One Way Analysis of Variance

Data source: SSP#3620

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.056)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	1061.488	287.006	143.503
12mon	5	0	556.708	230.907	103.265
24mon	5	0	238.160	59.602	26.655
34mon	4	0	152.320	113.043	56.521

Source of Variation	DF	SS	MS	F	P
Between Groups	3	2101864.606	700621.535	19.123	<0.001
Residual	14	512934.534	36638.181		
Total	17	2614799.141			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = <0.001).

Power of performed test with alpha = 0.050: 1.000

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):

Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
4mon vs. 34mon	909.168	6.717	<0.001	0.009	Yes
4mon vs. 24mon	823.327	6.412	<0.001	0.010	Yes
4mon vs. 12mon	504.779	3.931	0.002	0.013	Yes
12mon vs. 34mon	404.388	3.149	0.007	0.017	Yes
12mon vs. 24mon	318.548	2.631	0.020	0.025	Yes
24mon vs. 34mon	85.840	0.669	0.515	0.050	No

One Way Analysis of Variance

Data source: SSP#4207

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.147)

Group Name	N	Missing	Mean	Std Dev	SEM
4m	4	0	855.412	117.257	58.629
12m	5	0	944.168	90.835	40.623
24m	5	0	1196.370	220.779	98.735
34m	4	0	1244.955	92.397	46.198

Source of Variation	DF	SS	MS	F	P
Between Groups	3	464294.306	154764.769	7.349	0.003
Residual	14	294836.291	21059.735		
Total	17	759130.598			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.003).

Power of performed test with alpha = 0.050: 0.909

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34m vs. 4m	389.543	3.796	0.002	0.009	Yes
24m vs. 4m	340.958	3.502	0.004	0.010	Yes
34m vs. 12m	300.787	3.090	0.008	0.013	Yes
24m vs. 12m	252.202	2.748	0.016	0.017	Yes
12m vs. 4m	88.756	0.912	0.377	0.025	No
34m vs. 24m	48.585	0.499	0.625	0.050	No

One Way Analysis of Variance

Data source: SSP#4212

Normality Test: Passed (P > 0.050)

Equal Variance Test: Failed (P = 0.045)

Test execution ended by user request, ANOVA on Ranks begun

Kruskal-Wallis One Way Analysis of Variance on Ranks

Data source: 4212 in NIAset1

Group	N	Missing	Median	25%	75%
4m	4	0	162.290	147.115	178.485
12m	5	0	197.860	187.615	328.790
24m	5	0	427.570	236.633	631.087
34m	4	0	465.495	342.300	528.595

H = 10.763 with 3 degrees of freedom. (P = 0.013)

The differences in the median values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.013)

To isolate the group or groups that differ from the others use a multiple comparison procedure.

All Pairwise Multiple Comparison Procedures (Dunn's Method) :

Comparison	Diff of Ranks	Q	P<0.05
34m vs 4m	10.750	2.848	Yes
34m vs 12m	5.100	1.424	No
34m vs 24m	0.700	0.195	Do Not Test
24m vs 4m	10.050	2.806	Yes
24m vs 12m	4.400	1.303	Do Not Test
12m vs 4m	5.650	1.578	No

Note: The multiple comparisons on ranks do not include an adjustment for ties.

One Way Analysis of Variance

Data source: SSP#4216

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.187)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	108.538	33.545	16.772
12mon	5	0	119.466	64.755	28.960
24mon	5	0	316.066	177.844	79.534
34mon	4	0	266.590	85.733	42.866

Source of Variation	DF	SS	MS	F	P
Between Groups	3	150644.201	50214.734	4.167	0.026
Residual	14	168713.210	12050.944		
Total	17	319357.411			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.026).

Power of performed test with alpha = 0.050: 0.601

The power of the performed test (0.601) is below the desired power of 0.800. You should interpret the negative findings cautiously.

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
24mon vs. 12mon	196.600	2.832	0.013	0.009	Yes
24mon vs. 4mon	207.529	2.818	0.014	0.010	Yes
34mon vs. 4mon	158.053	2.036	0.061	0.013	No
34mon vs. 12mon	147.124	1.998	0.066	0.017	No
24mon vs. 34mon	49.476	0.672	0.513	0.025	No
12mon vs. 4mon	10.928	0.148	0.884	0.050	No

One Way Analysis of Variance

Data source: SSP#4217

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.181)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	634.530	156.286	78.143
12mon	5	0	1979.808	513.757	229.759
24mon	5	0	2801.960	953.836	426.569
34mon	4	0	2077.450	994.454	497.227

Source of Variation	DF	SS	MS	F	P
Between Groups	3	10613895.880	3537965.293	6.403	0.006
Residual	14	7735091.689	552506.549		
Total	17	18348987.570			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.006).

Power of performed test with alpha = 0.050: 0.852

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
24mon vs. 4mon	2167.430	4.347	<0.001	0.009	Yes
34mon vs. 4mon	1442.920	2.745	0.016	0.010	Yes
12mon vs. 4mon	1345.278	2.698	0.017	0.013	Yes
24mon vs. 12mon	822.152	1.749	0.102	0.017	No
24mon vs. 34mon	724.510	1.453	0.168	0.025	No
34mon vs. 12mon	97.642	0.196	0.848	0.050	No

One Way Analysis of Variance

Data source: SSP#4417

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.371)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	541.080	107.444	53.722
12mon	5	0	963.748	191.868	85.806
24mon	5	0	957.322	155.104	69.365
34mon	4	0	888.420	98.273	49.137

Source of Variation	DF	SS	MS	F	P
Between Groups	3	509883.457	169961.152	7.748	0.003
Residual	14	307088.834	21934.917		
Total	17	816972.291			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.003).

Power of performed test with alpha = 0.050: 0.927

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
12mon vs. 4mon	422.668	4.254	<0.001	0.009	Yes
24mon vs. 4mon	416.242	4.190	<0.001	0.010	Yes
34mon vs. 4mon	347.340	3.317	0.005	0.013	Yes
12mon vs. 34mon	75.328	0.758	0.461	0.017	No
24mon vs. 34mon	68.902	0.694	0.499	0.025	No
12mon vs. 24mon	6.426	0.0686	0.946	0.050	No

One Way Analysis of Variance

Data source: SSP#4421

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.243)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	657.310	68.689	34.344
12mon	5	0	737.562	217.883	97.440
24mon	5	0	1051.112	171.795	76.829
34mon	4	0	958.943	157.783	78.891

Source of Variation	DF	SS	MS	F	P
Between Groups	3	460780.752	153593.584	5.419	0.011
Residual	14	396786.462	28341.890		
Total	17	857567.213			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.011).

Power of performed test with alpha = 0.050: 0.764

The power of the performed test (0.764) is below the desired power of 0.800. You should interpret the negative findings cautiously.

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
24mon vs. 4mon	393.802	3.487	0.004	0.009	Yes
24mon vs. 12mon	313.550	2.945	0.011	0.010	Yes
34mon vs. 4mon	301.633	2.534	0.024	0.013	Yes
34mon vs. 12mon	221.380	1.960	0.070	0.017	No
24mon vs. 34mon	92.169	0.816	0.428	0.025	No
12mon vs. 4mon	80.252	0.711	0.489	0.050	No

One Way Analysis of Variance

Data source: SSP#4606

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.654)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	2006.058	224.518	112.259
12mon	5	0	1753.770	523.722	234.216
24mon	5	0	2204.120	579.072	258.969
34mon	4	0	2821.668	407.480	203.740

Source of Variation	DF	SS	MS	F	P
Between Groups	3	2678158.181	892719.394	4.048	0.029
Residual	14	3087780.725	220555.766		
Total	17	5765938.906			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.029).

Power of performed test with alpha = 0.050: 0.582

The power of the performed test (0.582) is below the desired power of 0.800. You should interpret the negative findings cautiously.

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 12mon	1067.898	3.390	0.004	0.009	Yes
34mon vs. 4mon	815.610	2.456	0.028	0.010	Yes
34mon vs. 24mon	617.548	1.960	0.070	0.013	No
24mon vs. 12mon	450.350	1.516	0.152	0.017	No
4mon vs. 12mon	252.288	0.801	0.437	0.025	No
24mon vs. 4mon	198.062	0.629	0.540	0.050	No

One Way Analysis of Variance

Data source: SSP#4608

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.078)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	32.015	30.563	15.281
12mon	5	0	56.380	23.937	10.705
24mon	5	0	90.668	17.653	7.895
34mon	4	0	53.570	8.881	4.440

Source of Variation	DF	SS	MS	F	P
Between Groups	3	8065.848	2688.616	5.723	0.009
Residual	14	6577.303	469.807		
Total	17	14643.151			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.009).

Power of performed test with alpha = 0.050: 0.795

The power of the performed test (0.795) is below the desired power of 0.800. You should interpret the negative findings cautiously.

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
24mon vs. 4mon	58.653	4.034	0.001	0.009	Yes
24mon vs. 34mon	37.098	2.551	0.023	0.010	Yes
24mon vs. 12mon	34.288	2.501	0.025	0.013	Yes
12mon vs. 4mon	24.365	1.676	0.116	0.017	No
34mon vs. 4mon	21.555	1.406	0.181	0.025	No
12mon vs. 34mon	2.810	0.193	0.850	0.050	No

One Way Analysis of Variance

Data source: SSP#4611

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.264)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	2009.428	275.069	137.534
12mon	5	0	2238.712	229.435	102.607
24mon	5	0	2952.928	688.154	307.752
34mon	4	0	3236.430	399.707	199.853

Source of Variation	DF	SS	MS	F	P
Between Groups	3	4289597.659	1429865.886	7.121	0.004
Residual	14	2811072.325	200790.880		
Total	17	7100669.984			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.004).

Power of performed test with alpha = 0.050: 0.898

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 4mon	1227.002	3.872	0.002	0.009	Yes
34mon vs. 12mon	997.718	3.319	0.005	0.010	Yes
24mon vs. 4mon	943.500	3.139	0.007	0.013	Yes
24mon vs. 12mon	714.216	2.520	0.024	0.017	Yes
34mon vs. 24mon	283.502	0.943	0.362	0.025	No
12mon vs. 4mon	229.284	0.763	0.458	0.050	No

One Way Analysis of Variance

Data source: SSP#5208

Normality Test: Passed (P > 0.050)

Equal Variance Test: Failed (P = 0.010)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	4526.915	892.921	446.460
12mon	5	0	2799.690	696.865	311.648
24mon	5	0	1456.012	117.988	52.766
34mon	4	0	1248.782	596.571	298.286

Source of Variation	DF	SS	MS	F	P
Between Groups	3	28573077.705	9524359.235	24.431	<0.001
Residual	14	5457781.751	389841.554		
Total	17	34030859.457			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = <0.001).

Power of performed test with alpha = 0.050: 1.000

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
4mon vs. 34mon	3278.133	7.425	<0.001	0.009	Yes
4mon vs. 24mon	3070.903	7.332	<0.001	0.010	Yes
4mon vs. 12mon	1727.225	4.124	0.001	0.013	Yes
12mon vs. 34mon	1550.907	3.703	0.002	0.017	Yes
12mon vs. 24mon	1343.678	3.403	0.004	0.025	Yes
24mon vs. 34mon	207.230	0.495	0.628	0.050	No

One Way Analysis of Variance

Data source: SSP#5209

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.062)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	103.813	19.609	9.804
12mon	5	0	128.970	53.785	24.053
24mon	5	0	170.560	13.726	6.139
34mon	4	0	169.083	27.100	13.550

Source of Variation	DF	SS	MS	F	P
Between Groups	3	13632.914	4544.305	4.057	0.029
Residual	14	15681.765	1120.126		
Total	17	29314.679			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.029).

Power of performed test with alpha = 0.050: 0.584

The power of the performed test (0.584) is below the desired power of 0.800. You should interpret the negative findings cautiously.

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
24mon vs. 4mon	66.748	2.973	0.010	0.009	Yes
34mon vs. 4mon	65.270	2.758	0.015	0.010	Yes
24mon vs. 12mon	41.590	1.965	0.070	0.013	No
34mon vs. 12mon	40.113	1.787	0.096	0.017	No
12mon vs. 4mon	25.157	1.121	0.281	0.025	No
24mon vs. 34mon	1.477	0.0658	0.948	0.050	No

One Way Analysis of Variance

Data source: SSP#5706

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.910)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	247.175	59.430	29.715
12mon	5	0	311.196	72.811	32.562
24mon	5	0	400.528	99.061	44.302
34mon	4	0	486.962	89.701	44.850

Source of Variation	DF	SS	MS	F	P
Between Groups	3	135504.789	45168.263	6.643	0.005
Residual	14	95193.038	6799.503		
Total	17	230697.827			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.005).

Power of performed test with alpha = 0.050: 0.869

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 4mon	239.787	4.112	0.001	0.009	Yes
34mon vs. 12mon	175.766	3.178	0.007	0.010	Yes
24mon vs. 4mon	153.353	2.772	0.015	0.013	Yes
24mon vs. 12mon	89.332	1.713	0.109	0.017	No
34mon vs. 24mon	86.434	1.563	0.140	0.025	No
12mon vs. 4mon	64.021	1.157	0.266	0.050	No

One Way Analysis of Variance

Data source: SSP#5814

Normality Test: Failed (P = 0.017)

Equal Variance Test: Passed (P = 0.303)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	8.078	5.918	2.959
12mon	5	0	38.226	35.437	15.848
24mon	5	0	79.954	73.101	32.692
34mon	4	0	117.890	59.624	29.812

Source of Variation	DF	SS	MS	F	P
Between Groups	3	28538.019	9512.673	3.583	0.041
Residual	14	37168.320	2654.880		
Total	17	65706.338			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.041).

Power of performed test with alpha = 0.050: 0.505

The power of the performed test (0.505) is below the desired power of 0.800. You should interpret the negative findings cautiously.

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 4mon	109.813	3.014	0.009	0.009	Yes
34mon vs. 12mon	79.664	2.305	0.037	0.010	Yes
24mon vs. 4mon	71.876	2.079	0.056	0.013	No
24mon vs. 12mon	41.728	1.280	0.221	0.017	No
34mon vs. 24mon	37.936	1.098	0.291	0.025	No
12mon vs. 4mon	30.148	0.872	0.398	0.050	No

One Way Analysis of Variance

Data source: SSP#5817

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.638)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	387.673	284.829	142.414
12mon	5	0	688.414	375.804	168.065
24mon	5	0	1078.974	437.309	195.571
34mon	4	0	1558.560	299.145	149.573

Source of Variation	DF	SS	MS	F	P
Between Groups	3	3158837.143	1052945.714	8.004	0.002
Residual	14	1841718.263	131551.305		
Total	17	5000555.406			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.002).

Power of performed test with alpha = 0.050: 0.936

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 4mon	1170.888	4.565	<0.001	0.009	Yes
34mon vs. 12mon	870.146	3.576	0.003	0.010	Yes
24mon vs. 4mon	691.301	2.841	0.013	0.013	Yes
34mon vs. 24mon	479.586	1.971	0.069	0.017	No
24mon vs. 12mon	390.560	1.703	0.111	0.025	No
12mon vs. 4mon	300.741	1.236	0.237	0.050	No

One Way Analysis of Variance

Data source: SSP#6010

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.292)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	668.250	81.285	40.642
12mon	5	0	714.690	207.196	92.661
24mon	5	0	1108.548	221.943	99.256
34mon	4	0	1063.500	173.644	86.822

Source of Variation	DF	SS	MS	F	P
Between Groups	3	709555.496	236518.499	6.912	0.004
Residual	14	479033.459	34216.676		
Total	17	1188588.954			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.004).

Power of performed test with alpha = 0.050: 0.886

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
24mon vs. 4mon	440.298	3.548	0.003	0.009	Yes
24mon vs. 12mon	393.858	3.367	0.005	0.010	Yes
34mon vs. 4mon	395.250	3.022	0.009	0.013	Yes
34mon vs. 12mon	348.810	2.811	0.014	0.017	Yes
12mon vs. 4mon	46.440	0.374	0.714	0.025	No
24mon vs. 34mon	45.048	0.363	0.722	0.050	No

One Way Analysis of Variance

Data source: SSP#6110

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.423)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	1075.530	102.558	51.279
12mon	5	0	1134.606	99.724	44.598
24mon	5	0	1568.450	183.059	81.867
34mon	4	0	1700.460	385.971	192.985

Source of Variation	DF	SS	MS	F	P
Between Groups	3	1257536.960	419178.987	8.997	0.001
Residual	14	652297.040	46592.646		
Total	17	1909833.999			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.001).

Power of performed test with alpha = 0.050: 0.964

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 4mon	624.930	4.094	0.001	0.009	Yes
34mon vs. 12mon	565.854	3.908	0.002	0.010	Yes
24mon vs. 4mon	492.920	3.404	0.004	0.013	Yes
24mon vs. 12mon	433.844	3.178	0.007	0.017	Yes
34mon vs. 24mon	132.010	0.912	0.377	0.025	No
12mon vs. 4mon	59.076	0.408	0.689	0.050	No

One Way Analysis of Variance

Data source: SSP#6308

Normality Test: Failed (P = 0.050)

Equal Variance Test: Passed (P = 0.305)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	122.968	24.969	12.485
12mon	5	0	272.724	12.004	5.368
24mon	5	0	341.312	87.424	39.097
34mon	4	0	371.008	129.886	64.943

Source of Variation	DF	SS	MS	F	P
Between Groups	3	150824.738	50274.913	8.416	0.002
Residual	14	83629.472	5973.534		
Total	17	234454.211			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.002).

Power of performed test with alpha = 0.050: 0.949

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 4mon	248.040	4.539	<0.001	0.009	Yes
24mon vs. 4mon	218.345	4.211	<0.001	0.010	Yes
12mon vs. 4mon	149.756	2.888	0.012	0.013	Yes
34mon vs. 12mon	98.284	1.896	0.079	0.017	No
24mon vs. 12mon	68.588	1.403	0.182	0.025	No
34mon vs. 24mon	29.696	0.573	0.576	0.050	No

One Way Repeated Measures Analysis of Variance

Data source: SSP#6419

Normality Test: Passed (P > 0.050)

Equal Variance Test: Failed (P = 0.033)

Treatment Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	103.635	19.981	9.991
12mon	5	0	184.624	64.498	28.844
24mon	5	0	148.586	15.582	6.968
34mon	4	0	161.093	35.041	17.521

Source of Variation	DF	SS	MS	F	P
Between Subjects	4	10062.414	2515.604		
Between Treatments	3	13833.707	4611.236	3.710	0.050
Residual	10	12430.007	1243.001		
Total	17	37552.941	2208.997		

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.050). To isolate the group or groups that differ from the others use a multiple comparison procedure.

Power of performed test with alpha = 0.050: 0.480

The power of the performed test (0.480) is below the desired power of 0.800. You should interpret the negative findings cautiously.

Expected Mean Squares:

Approximate DF Residual = 10.000

Expected MS(Subj) = var(res) + 3.500 var(Subj)

Expected MS(Treatment) = var(res) + var(Treatment)

Expected MS(Residual) = var(res)

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):

Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
12mon vs. 4mon	78.308	3.223	0.009	0.009	Yes
34mon vs. 4mon	57.457	2.198	0.053	0.010	No
24mon vs. 4mon	42.270	1.740	0.113	0.013	No
12mon vs. 24mon	36.038	1.616	0.137	0.017	No
12mon vs. 34mon	20.850	0.858	0.411	0.025	No
34mon vs. 24mon	15.188	0.625	0.546	0.050	No

One Way Analysis of Variance

Data source: SSP#6716

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.423)

Group Name	N	Missing	Mean	Std Dev	SEM
4m	4	0	159.332	83.214	41.607
12m	5	0	247.224	188.715	84.396
24m	5	0	444.696	92.221	41.242
34m	4	0	468.575	199.281	99.640

Source of Variation	DF	SS	MS	F	P
Between Groups	3	293302.714	97767.571	4.326	0.023
Residual	14	316384.908	22598.922		
Total	17	609687.622			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.023).

Power of performed test with alpha = 0.050: 0.625

The power of the performed test (0.625) is below the desired power of 0.800. You should interpret the negative findings cautiously.

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34m vs. 4m	309.243	2.909	0.011	0.009	Yes
24m vs. 4m	285.364	2.830	0.013	0.010	Yes
34m vs. 12m	221.351	2.195	0.046	0.013	Yes
24m vs. 12m	197.472	2.077	0.057	0.017	No
12m vs. 4m	87.892	0.872	0.398	0.025	No
34m vs. 24m	23.879	0.237	0.816	0.050	No

One Way Analysis of Variance

Data source: SSP#6803

Normality Test: Failed (P = 0.047)

Test execution ended by user request, ANOVA on Ranks begun

Kruskal-Wallis One Way Analysis of Variance on Ranks

Data source: Data 81 in NIAset1

Group	N	Missing	Median	25%	75%
4m	4	0	50.315	47.260	70.715
12m	5	0	111.880	88.648	202.290
24m	5	0	198.770	115.720	310.973
34m	4	0	257.975	234.145	310.050

H = 11.881 with 3 degrees of freedom. (P = 0.008)

The differences in the median values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.008)

To isolate the group or groups that differ from the others use a multiple comparison procedure.

All Pairwise Multiple Comparison Procedures (Dunn's Method) :

Comparison	Diff of Ranks	Q	P<0.05
34m vs 4m	12.500	3.311	Yes
34m vs 12m	6.850	1.913	No
34m vs 24m	3.850	1.075	Do Not Test
24m vs 4m	8.650	2.415	No
24m vs 12m	3.000	0.889	Do Not Test
12m vs 4m	5.650	1.578	Do Not Test

Note: The multiple comparisons on ranks do not include an adjustment for ties.

One Way Analysis of Variance

Data source: SSP#7507

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.155)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	6930.810	640.288	320.144
12mon	5	0	7318.894	747.474	334.280
24mon	5	0	5365.778	1599.214	715.190
34mon	4	0	4821.708	713.138	356.569

Source of Variation	DF	SS	MS	F	P
Between Groups	3	19398739.776	6466246.592	5.948	0.008
Residual	14	15220407.067	1087171.933		
Total	17	34619146.842			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.008).

Power of performed test with alpha = 0.050: 0.816

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
12mon vs. 34mon	2497.186	3.570	0.003	0.009	Yes
12mon vs. 24mon	1953.116	2.962	0.010	0.010	Yes
4mon vs. 34mon	2109.102	2.861	0.013	0.013	Yes
4mon vs. 24mon	1565.032	2.238	0.042	0.017	Yes
24mon vs. 34mon	544.070	0.778	0.450	0.025	No
12mon vs. 4mon	388.084	0.555	0.588	0.050	No

One Way Analysis of Variance

Data source: SSP#8013

Normality Test: Failed (P = 0.007)

Equal Variance Test: Passed (P = 0.429)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	1483.918	641.622	320.811
12mon	5	0	399.256	38.676	17.296
24mon	5	0	1426.730	313.616	140.253
34mon	4	0	688.010	585.236	292.618

Source of Variation	DF	SS	MS	F	P
Between Groups	3	4039167.350	1346389.117	7.081	0.004
Residual	14	2661941.913	190138.708		
Total	17	6701109.263			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.004).

Power of performed test with alpha = 0.050: 0.895

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
24mon vs. 12mon	1027.474	3.726	0.002	0.009	Yes
4mon vs. 12mon	1084.662	3.708	0.002	0.010	Yes
4mon vs. 34mon	795.908	2.581	0.022	0.013	Yes
24mon vs. 34mon	738.720	2.525	0.024	0.017	Yes
34mon vs. 12mon	288.754	0.987	0.340	0.025	No
4mon vs. 24mon	57.188	0.196	0.848	0.050	No

One Way Repeated Measures Analysis of Variance

Data source: SSP#8025

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.334)

Treatment Name	N	Missing	Mean	Std Dev	SEM
4mon	4	0	1321.045	554.961	277.481
12mon	5	0	1124.510	740.750	331.273
24mon	5	0	466.218	929.560	415.712
34mon	4	0	244.055	244.658	122.329

Source of Variation	DF	SS	MS	F	P
Between Subjects	4	3822863.761	955715.940		
Between Treatments	3	3519459.993	1173153.331	4.001	0.041
Residual	10	2931822.816	293182.282		
Total	17	10158602.162	597564.833		

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.041). To isolate the group or groups that differ from the others use a multiple comparison procedure.

Power of performed test with alpha = 0.050: 0.525

The power of the performed test (0.525) is below the desired power of 0.800. You should interpret the negative findings cautiously.

Expected Mean Squares:

Approximate DF Residual = 10.000

Expected MS(Subj) = var(res) + 3.500 var(Subj)

Expected MS(Treatment) = var(res) + var(Treatment)

Expected MS(Residual) = var(res)

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):

Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
12mon vs. 34mon	1038.136	2.782	0.019	0.009	Yes
4mon vs. 34mon	1076.990	2.682	0.023	0.010	Yes
12mon vs. 24mon	658.292	1.922	0.083	0.013	No
4mon vs. 24mon	697.146	1.868	0.091	0.017	No
24mon vs. 34mon	379.844	1.018	0.333	0.025	No
4mon vs. 12mon	38.854	0.104	0.919	0.050	No

Sigma Stat statistical analysis results corresponding to Table 2 of Richardson et al.

One Way Analysis of Variance

Data source: SSP#4312

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.068)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	3	0	0.550	0.252	0.146
12mon	3	0	1.407	0.616	0.356
24mon	3	0	3.890	1.509	0.871
34mon	3	0	3.547	2.146	1.239

Source of Variation	DF	SS	MS	F	P
Between Groups	3	23.800	7.933	4.332	0.043
Residual	8	14.650	1.831		
Total	11	38.451			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.043).

Power of performed test with alpha = 0.050: 0.530

The power of the performed test (0.530) is below the desired power of 0.800. You should interpret the negative findings cautiously.

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
24mon vs. 4mon	3.340	3.023	0.016	0.009	Yes
34mon vs. 4mon	2.997	2.712	0.027	0.010	Yes
24mon vs. 12mon	2.483	2.248	0.055	0.013	No
34mon vs. 12mon	2.140	1.937	0.089	0.017	No
12mon vs. 4mon	0.857	0.775	0.460	0.025	No
24mon vs. 34mon	0.343	0.311	0.764	0.050	No

One Way Analysis of Variance

Data source: SSP#3006

Normality Test: Failed (P = 0.013)

Equal Variance Test: Passed (P = 0.425)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	3	0	0.867	1.090	0.629
12mon	3	0	1.100	0.989	0.571
24mon	3	0	9.617	8.331	4.810
34mon	3	0	16.917	8.169	4.716

Source of Variation	DF	SS	MS	F	P
Between Groups	3	532.658	177.553	5.135	0.029
Residual	8	276.596	34.575		
Total	11	809.254			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.029).

Power of performed test with alpha = 0.050: 0.631

The power of the performed test (0.631) is below the desired power of 0.800. You should interpret the negative findings cautiously.

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 4mon	16.050	3.343	0.010	0.009	Yes
34mon vs. 12mon	15.817	3.294	0.011	0.010	Yes
24mon vs. 4mon	8.750	1.823	0.106	0.013	No
24mon vs. 12mon	8.517	1.774	0.114	0.017	No
34mon vs. 24mon	7.300	1.521	0.167	0.025	No
12mon vs. 4mon	0.233	0.0486	0.962	0.050	No

One Way Analysis of Variance

Data source: SSP#2503

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.893)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	3	0	1.663	1.530	0.883
12mon	3	0	6.193	2.212	1.277
24mon	3	0	6.150	1.329	0.767
34mon	3	0	4.123	1.172	0.676

Source of Variation	DF	SS	MS	F	P
Between Groups	3	41.323	13.774	5.313	0.026
Residual	8	20.740	2.593		
Total	11	62.063			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.026).

Power of performed test with alpha = 0.050: 0.651

The power of the performed test (0.651) is below the desired power of 0.800. You should interpret the negative findings cautiously.

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
12mon vs. 4mon	4.530	3.446	0.009	0.009	Yes
24mon vs. 4mon	4.487	3.413	0.009	0.010	Yes
34mon vs. 4mon	2.460	1.871	0.098	0.013	No
12mon vs. 34mon	2.070	1.575	0.154	0.017	No
24mon vs. 34mon	2.027	1.542	0.162	0.025	No
12mon vs. 24mon	0.0433	0.0330	0.975	0.050	No

One Way Analysis of Variance

Data source: SSP#6314

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.498)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	3	0	0.280	0.485	0.280
12mon	3	0	3.187	3.040	1.755
24mon	3	0	5.033	0.929	0.536
34mon	3	0	11.553	3.517	2.031

Source of Variation	DF	SS	MS	F	P
Between Groups	3	205.539	68.513	12.067	0.002
Residual	8	45.420	5.678		
Total	11	250.960			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.002).

Power of performed test with alpha = 0.050: 0.975

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
34mon vs. 4mon	11.273	5.795	<0.001	0.009	Yes
34mon vs. 12mon	8.367	4.300	0.003	0.010	Yes
34mon vs. 24mon	6.520	3.351	0.010	0.013	Yes
24mon vs. 4mon	4.753	2.443	0.040	0.017	Yes
12mon vs. 4mon	2.907	1.494	0.174	0.025	No
24mon vs. 12mon	1.847	0.949	0.370	0.050	No

One Way Analysis of Variance

Data source: SSP#2303

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.593)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	3	0	0.0300	0.0520	0.0300
12mon	3	0	1.233	2.136	1.233
24mon	3	0	3.987	1.671	0.965
34mon	3	0	1.057	0.917	0.530

Source of Variation	DF	SS	MS	F	P
Between Groups	3	25.766	8.589	4.190	0.047
Residual	8	16.397	2.050		
Total	11	42.163			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.047).

Power of performed test with alpha = 0.050: 0.510

The power of the performed test (0.510) is below the desired power of 0.800. You should interpret the negative findings cautiously.

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
24mon vs. 4mon	3.957	3.385	0.010	0.009	Yes
24mon vs. 34mon	2.930	2.507	0.037	0.010	Yes
24mon vs. 12mon	2.753	2.355	0.046	0.013	Yes
12mon vs. 4mon	1.203	1.029	0.333	0.017	No
34mon vs. 4mon	1.027	0.878	0.405	0.025	No
12mon vs. 34mon	0.177	0.151	0.884	0.050	No

One Way Analysis of Variance

Data source: SSP#6209

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.557)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	3	0	0.543	0.480	0.277
12mon	3	0	0.730	0.380	0.220
24mon	3	0	4.697	0.878	0.507
34mon	3	0	2.637	1.910	1.103

Source of Variation	DF	SS	MS	F	P
Between Groups	3	33.960	11.320	9.444	0.005
Residual	8	9.590	1.199		
Total	11	43.550			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.005).

Power of performed test with alpha = 0.050: 0.924

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):

Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
24mon vs. 4mon	4.153	4.646	0.002	0.009	Yes
24mon vs. 12mon	3.967	4.437	0.002	0.010	Yes
34mon vs. 4mon	2.093	2.342	0.047	0.013	Yes
24mon vs. 34mon	2.060	2.304	0.050	0.017	No
34mon vs. 12mon	1.907	2.133	0.065	0.025	No
12mon vs. 4mon	0.187	0.209	0.840	0.050	No

One Way Analysis of Variance

Data source: SSP#3411

Normality Test: Failed (P = 0.026)

Equal Variance Test: Passed (P = 0.988)

Group Name	N	Missing	Mean	Std Dev	SEM
4mon	3	0	0.000	0.000	0.000
12mon	3	0	0.000	0.000	0.000
24mon	3	0	1.613	0.644	0.372
34mon	3	0	0.560	0.662	0.382

Source of Variation	DF	SS	MS	F	P
Between Groups	3	5.207	1.736	8.139	0.008
Residual	8	1.706	0.213		
Total	11	6.913			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.008).

Power of performed test with alpha = 0.050: 0.872

All Pairwise Multiple Comparison Procedures (Holm-Sidak method):
Overall significance level = 0.05

Comparisons for factor:

Comparison	Diff of Means	t	Unadjusted P	Critical Level	Significant?
24mon vs. 12mon	1.613	4.279	0.003	0.009	Yes
24mon vs. 4mon	1.613	4.279	0.003	0.010	Yes
24mon vs. 34mon	1.053	2.794	0.023	0.013	Yes
34mon vs. 12mon	0.560	1.485	0.176	0.017	No
34mon vs. 4mon	0.560	1.485	0.176	0.025	No
4mon vs. 12mon	0.000	0.000	1.000	0.050	No