

Results

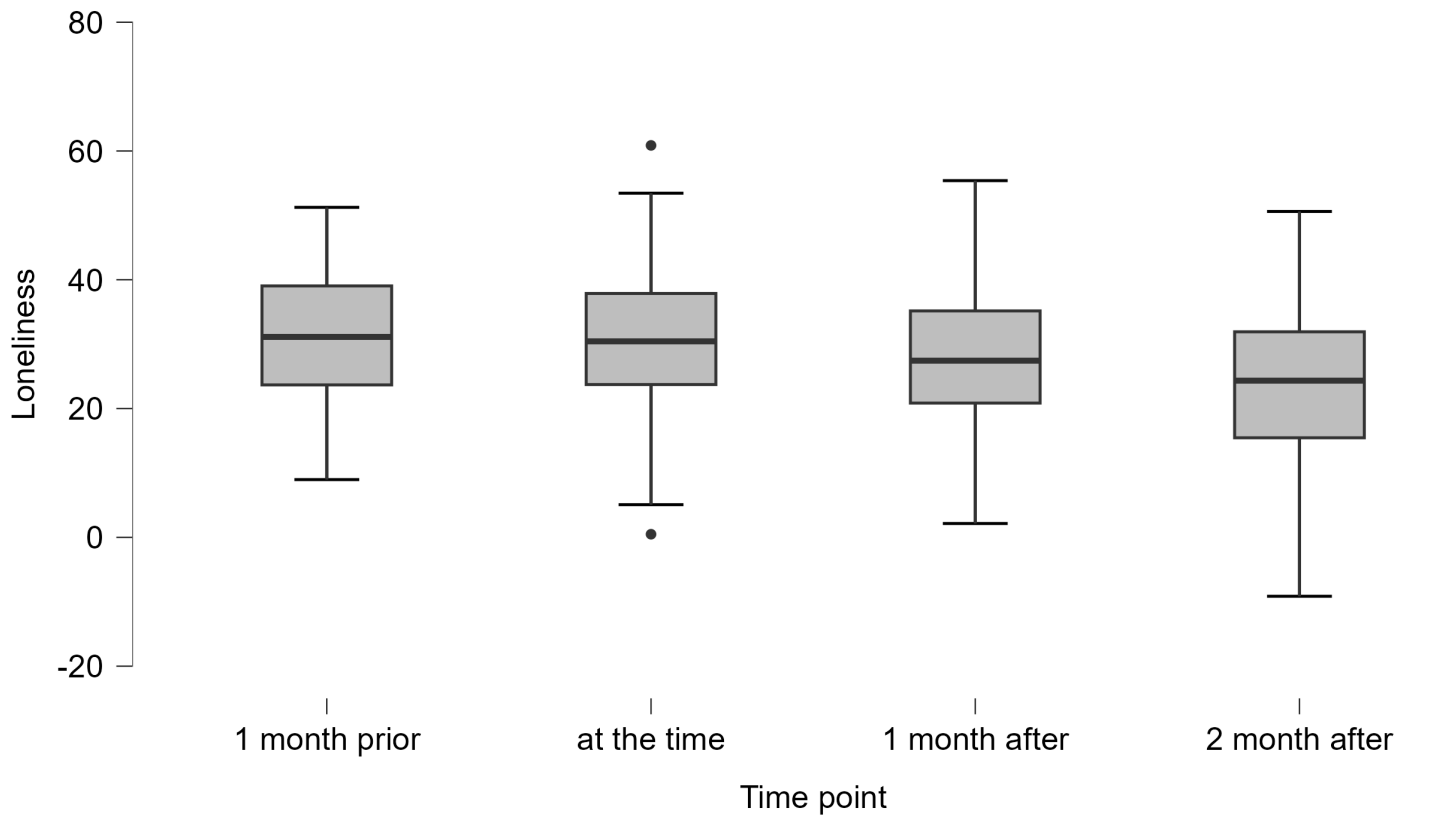
Descriptive Statistics

Descriptive Statistics

	Loneliness			
	1 month prior	at the time	1 month after	2 month after
Valid	188	183	179	181
Missing	12	17	21	19
Median	31.127	30.438	27.438	24.335
Mean	31.119	30.584	28.036	23.990
Std. Deviation	9.596	10.136	10.456	11.243
Minimum	8.969	0.485	2.150	-9.148
Maximum	51.247	60.866	55.396	50.608

Boxplots

Loneliness



Independent Samples T-Test

Independent Samples T-Test

	t	df	p	Cohen's d	SE Cohen's d
Loneliness	3.954	654	< .001	0.309	0.079

Note. Student's t-test.

Assumption Checks

Test of Normality (Shapiro-Wilk)

		W	p
Loneliness	1	0.997	0.872
	2	0.993	0.130

Note. Significant results suggest a deviation from normality.

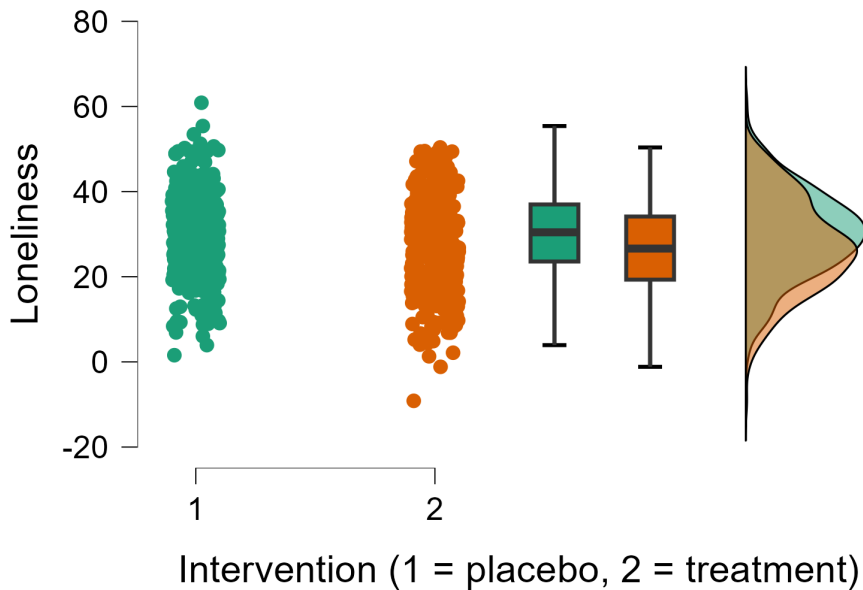
Test of Equality of Variances (Levene's)

	F	df ₁	df ₂	p
Loneliness	2.438	1	654	0.119

Descriptives

Raincloud Plots

Loneliness



ANOVA

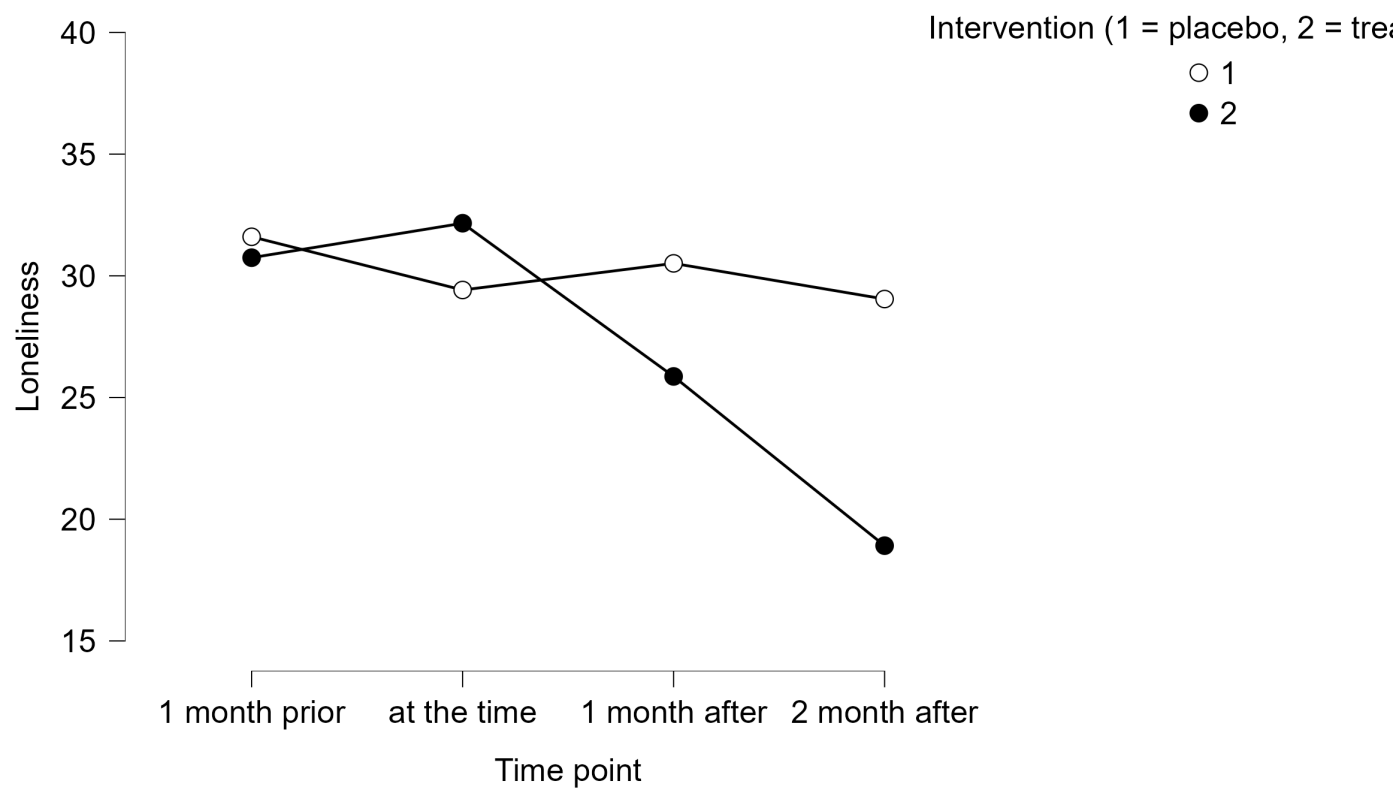
ANOVA - Loneliness

Cases	Sum of Squares	df	Mean Square	F	p	ω^2_p
Intervention (1 = placebo, 2 = treatment)	1702.018	1	1702.018	17.376	< .001	0.024
Time point	5389.731	3	1796.577	18.342	< .001	0.073
Intervention (1 = placebo, 2 = treatment) * Time point	3706.056	3	1235.352	12.612	< .001	0.050
Residuals	63472.155	648	97.951			

Note. Type III Sum of Squares

Descriptives

Descriptives plots

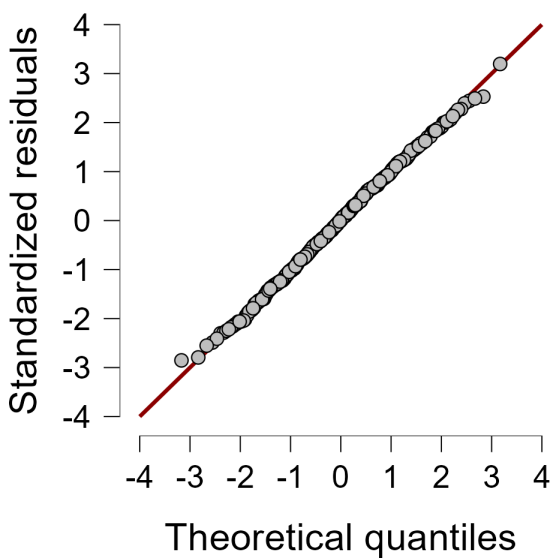


Assumption Checks

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.467	7.000	648.000	0.859

Q-Q Plot



Standard (LSD)

Post Hoc Comparisons - Intervention (1 = placebo, 2 = treatment)

		95% CI for Mean Difference					95% CI for Cohen's d				
		Mean Difference	Lower	Upper	SE	t	Cohen's d	Lower	Upper	P _{bonf}	P _{sidak}
1	2	3.224	1.705	4.742	0.773	4.168	0.326	0.171	0.480	< .001	< .001

Note. Results are averaged over the levels of: Time point

		95% CI for Mean Difference				95% CI for Cohen's d					
		Mean Difference	Lower	Upper	SE	t	Cohen's d	Lower	Upper	P _{bonf}	P _{sidak}
1 1 month prior	2 1 month prior	0.860	-3.946	5.665	1.532	0.561	0.087	-0.399	0.572	1.000	1.000
	1 at the time	2.187	-2.561	6.935	1.514	1.445	0.221	-0.259	0.701	1.000	0.989
	2 at the time	-0.556	-5.440	4.328	1.557	-0.357	-0.056	-0.550	0.437	1.000	1.000
	1 1 month after	1.093	-3.683	5.869	1.523	0.718	0.110	-0.372	0.593	1.000	1.000
	2 1 month after	5.738	0.887	10.590	1.547	3.710	0.580	0.087	1.073	0.006	0.006
	1 2 month after	2.559	-2.232	7.349	1.527	1.675	0.259	-0.226	0.743	1.000	0.938
	2 2 month after	12.691	7.855	17.527	1.542	8.232	1.282	0.781	1.784	< .001	< .001
	1 1 month prior	1.327	-3.464	6.119	1.528	0.869	0.134	-0.350	0.618	1.000	1.000
	2 at the time	-1.416	-6.342	3.511	1.571	-0.901	-0.143	-0.641	0.355	1.000	1.000
	1 1 month after	0.234	-4.586	5.053	1.536	0.152	0.024	-0.463	0.511	1.000	1.000
2 1 month prior	2 1 month after	4.879	-0.015	9.773	1.560	3.127	0.493	-0.003	0.989	0.052	0.050
	1 2 month after	1.699	-3.135	6.533	1.541	1.103	0.172	-0.317	0.660	1.000	1.000
	2 2 month after	11.831	6.953	16.710	1.555	7.607	1.195	0.692	1.699	< .001	< .001
	1 at the time	-2.743	-7.613	2.128	1.553	-1.766	-0.277	-0.770	0.216	1.000	0.896
	1 1 month after	-1.094	-5.856	3.669	1.518	-0.720	-0.111	-0.592	0.371	1.000	1.000
	2 1 month after	3.552	-1.286	8.389	1.542	2.303	0.359	-0.131	0.849	0.605	0.458
	1 2 month after	0.372	-4.405	5.149	1.523	0.244	0.038	-0.445	0.520	1.000	1.000
	2 2 month after	10.504	5.682	15.326	1.537	6.833	1.061	0.565	1.557	< .001	< .001
	1 1 month after	1.649	-3.249	6.547	1.561	1.056	0.167	-0.328	0.662	1.000	1.000
	2 1 month after	6.294	1.323	11.266	1.585	3.971	0.636	0.131	1.141	0.002	0.002
2 at the time	1 2 month after	3.115	-1.797	8.027	1.566	1.989	0.315	-0.182	0.812	1.000	0.741
	2 2 month after	13.247	8.291	18.203	1.580	8.384	1.338	0.824	1.853	< .001	< .001

Note. P-value and confidence intervals adjusted for comparing a family of 28 estimates (ci for mean difference corrected using the bonferroni method; ci for effect size corrected using the bonferroni method).

		95% CI for Mean Difference				t	95% CI for Cohen's d				P _{bonf}	P _{sidak}
		Mean Difference	Lower	Upper	SE		Cohen's d	Lower	Upper			
1 1 month after	2 1 month after	4.645	-0.220	9.511	1.551	2.995	0.469	-0.024	0.963	0.080	0.077	
	1 2 month after	1.466	-3.339	6.270	1.532	0.957	0.148	-0.338	0.634	1.000	1.000	
	2 2 month after	11.598	6.748	16.448	1.546	7.501	1.172	0.671	1.672	< .001	< .001	
2 1 month after	1 2 month after	-3.180	-8.059	1.700	1.556	-2.044	-0.321	-0.815	0.173	1.000	0.694	
	2 2 month after	6.953	2.029	11.877	1.570	4.429	0.702	0.201	1.204	< .001	< .001	
1 2 month after	2 2 month after	10.132	5.268	14.996	1.551	6.534	1.024	0.524	1.523	< .001	< .001	

Note. P-value and confidence intervals adjusted for comparing a family of 28 estimates (ci for mean difference corrected using the bonferroni method; ci for effect size corrected using the bonferroni method).

