

Comparison of Melatonin Serum LD and rLEN Circadian Disruption Values

Cosinor Parameters

	Parameter	Values
1	LD Total N	25.00000000
2	LD Mesor	56.16445377
3	LD Amplitude	53.48059354
4	LD Acrophase (Rads)	4.55283028
5	LD Acrophase (Hrs)	17.39053066
6	LD Bathyphase (Hrs)	5.39053066
7	LD Std. Dev. (Rads)	0.40359835
8	LD Std. Error (Rads)	0.08071967
9	LD Std. Dev (Hrs)	1.54163213
10	LD Std. Error (Hrs)	0.30832643
11	LD Std. Dev. Amplitude	4.31693584
12	LD Std. Error Amplitude	0.86338717

Zero Amp Parameters

	Parameter	Values
1	LD Df1 (ndf, numerator)	2
2	LD Df2 (ddf, denominator)	22
3	LD F-value	40.66881
4	LD P-value	4.071984e-08 *

	Parameter	Values
1	rLEN Total N	30.000000
2	rLEN Mesor	23.8853433
3	rLEN Amplitude	15.4132343
4	rLEN Acrophase (Rads)	3.0978341
5	rLEN Acrophase (Hrs)	11.8328548
6	rLEN Bathyphase (Hrs)	23.8328548
7	rLEN Std. Dev. (Rads)	0.8521056
8	rLEN Std. Error (Rads)	0.1555725
9	rLEN Std. Dev (Hrs)	3.2548037
10	rLEN Std. Error (Hrs)	0.5942431
11	rLEN Std. Dev. Amplitude	2.3978752
12	rLEN Std. Error Amplitude	0.4377901

	Parameter	Values
1	rLEN Df1 (ndf, numerator)	2
2	rLEN Df2 (ddf, denominator)	27
3	rLEN F-value	6.899433
4	rLEN P-value	0.003798932 *