

Comparison of Thoracic 6–7 Spinal Serotonin LD and rLEN Circadian Disruption Values

Cosinor Parameters

	Parameter	Values
1	LD Total N	19.0000000
2	LD Mesor	23.7113462
3	LD Amplitude	4.3766487
4	LD Acrophase (Rads)	0.4258516
5	LD Acrophase (Hrs)	1.6266332
6	LD Bathyphase (Hrs)	13.6266332
7	LD Std. Dev. (Rads)	1.3749310
8	LD Std. Error (Rads)	0.3154308
9	LD Std. Dev (Hrs)	5.2518494
10	LD Std. Error (Hrs)	1.2048569
11	LD Std. Dev. Amplitude	1.3805298
12	LD Std. Error Amplitude	0.3167153

	Parameter	Values
1	rLEN Total N	17.0000000
2	rLEN Mesor	20.5333276
3	rLEN Amplitude	4.0593966
4	rLEN Acrophase (Rads)	0.5350009
5	rLEN Acrophase (Hrs)	2.0435528
6	rLEN Bathyphase (Hrs)	14.0435528
7	rLEN Std. Dev. (Rads)	0.7467581
8	rLEN Std. Error (Rads)	0.1811154
9	rLEN Std. Dev (Hrs)	2.8524058
10	rLEN Std. Error (Hrs)	0.6918100
11	rLEN Std. Dev. Amplitude	0.7352194
12	rLEN Std. Error Amplitude	0.1783169

Zero Amp Parameters

	Parameter	Values
1	LD Df1 (ndf, numerator)	2
2	LD Df2 (ddf, denominator)	16
3	LD F-value	2.945823
4	LD P-value	0.08142026

	Parameter	Values
1	rLEN Df1 (ndf, numerator)	2
2	rLEN Df2 (ddf, denominator)	14
3	rLEN F-value	7.797512
4	rLEN P-value	0.005301092 *