

**Comparison of Cervical TNFa LD and rLEN Circadian Disruption Values**

**Cosinor Parameters**

	Parameter	Values
1	LD Total N	14.0000000
2	LD Mesor	81.7637963
3	LD Amplitude	16.8283550
4	LD Acrophase (Rads)	−1.4306376
5	LD Acrophase (Hrs)	18.5353669
6	LD Bathyphase (Hrs)	6.5353669
7	LD Std. Dev. (Rads)	1.8232158
8	LD Std. Error (Rads)	0.4872749
9	LD Std. Dev (Hrs)	6.9641712
10	LD Std. Error (Hrs)	1.8612531
11	LD Std. Dev. Amplitude	8.2000352
12	LD Std. Error Amplitude	2.1915516

	Parameter	Values
1	rLEN Total N	12.0000000
2	rLEN Mesor	49.6350000
3	rLEN Amplitude	4.8752236
4	rLEN Acrophase (Rads)	5.9657590
5	rLEN Acrophase (Hrs)	22.7875210
6	rLEN Bathyphase (Hrs)	10.7875210
7	rLEN Std. Dev. (Rads)	2.7354495
8	rLEN Std. Error (Rads)	0.7896563
9	rLEN Std. Dev (Hrs)	10.4486475
10	rLEN Std. Error (Hrs)	3.0162647
11	rLEN Std. Dev. Amplitude	3.8497509
12	rLEN Std. Error Amplitude	1.1113273

**Zero Amp Parameters**

	Parameter	Values
1	LD Df1 (ndf, numerator)	2
2	LD Df2 (ddf, denominator)	11
3	LD F-value	0.907528
4	LD P-value	0.4317148

	Parameter	Values
1	rLEN Df1 (ndf, numerator)	2
2	rLEN Df2 (ddf, denominator)	9
3	rLEN F-value	0.4009257
4	rLEN P-value	0.6810905