

Comparison of Thoracic IL–1b LD and rLEN Circadian Disruption Values

Cosinor Parameters

|    | Parameter               | Values      |
|----|-------------------------|-------------|
| 1  | LD Total N              | 20.0000000  |
| 2  | LD Mesor                | 115.6065000 |
| 3  | LD Amplitude            | 39.2482350  |
| 4  | LD Acrophase (Rads)     | 1.5684289   |
| 5  | LD Acrophase (Hrs)      | 5.9909572   |
| 6  | LD Bathyphase (Hrs)     | 17.9909572  |
| 7  | LD Std. Dev. (Rads)     | 1.0933546   |
| 8  | LD Std. Error (Rads)    | 0.2444815   |
| 9  | LD Std. Dev (Hrs)       | 4.1763071   |
| 10 | LD Std. Error (Hrs)     | 0.9338507   |
| 11 | LD Std. Dev. Amplitude  | 9.5954686   |
| 12 | LD Std. Error Amplitude | 2.1456120   |

|    | Parameter                 | Values     |
|----|---------------------------|------------|
| 1  | rLEN Total N              | 21.0000000 |
| 2  | rLEN Mesor                | 110.886196 |
| 3  | rLEN Amplitude            | 1.716930   |
| 4  | rLEN Acrophase (Rads)     | 4.180677   |
| 5  | rLEN Acrophase (Hrs)      | 15.969010  |
| 6  | rLEN Bathyphase (Hrs)     | 3.969010   |
| 7  | rLEN Std. Dev. (Rads)     | 23.810958  |
| 8  | rLEN Std. Error (Rads)    | 5.195977   |
| 9  | rLEN Std. Dev (Hrs)       | 90.951159  |
| 10 | rLEN Std. Error (Hrs)     | 19.847170  |
| 11 | rLEN Std. Dev. Amplitude  | 8.921129   |
| 12 | rLEN Std. Error Amplitude | 1.946750   |

Zero Amp Parameters

|   | Parameter                 | Values     |
|---|---------------------------|------------|
| 1 | LD Df1 (ndf, numerator)   | 2          |
| 2 | LD Df2 (ddf, denominator) | 17         |
| 3 | LD F–value                | 3.346101   |
| 4 | LD P–value                | 0.05952091 |

|   | Parameter                   | Values      |
|---|-----------------------------|-------------|
| 1 | rLEN Df1 (ndf, numerator)   | 2           |
| 2 | rLEN Df2 (ddf, denominator) | 18          |
| 3 | rLEN F–value                | 0.009442933 |
| 4 | rLEN P–value                | 0.9906064   |