# Comparison of Medullary IL–4 LD and rLEN Circadian Disruption Values

## Cosinor Parameters

| | Parameter | Values |
|---|---|---|
| 1 | LD Total N | 20.00000000 |
| 2 | LD Mesor | 49.51500000 |
| 3 | LD Amplitude | 17.65029322 |
| 4 | LD Acrophase (Rads) | 1.36283566 |
| 5 | LD Acrophase (Hrs) | 5.20564877 |
| 6 | LD Bathyphase (Hrs) | 17.20564877 |
| 7 | LD Std. Dev. (Rads) | 0.44171904 |
| 8 | LD Std. Error (Rads) | 0.09877138 |
| 9 | LD Std. Dev (Hrs) | 1.68724243 |
| 10 | LD Std. Error (Hrs) | 0.37727888 |
| 11 | LD Std. Dev. Amplitude | 1.74334381 |
| 12 | LD Std. Error Amplitude | 0.38982353 |

| | Parameter | Values |
|---|---|---|
| 1 | rLEN Total N | 20.0000000 |
| 2 | rLEN Mesor | 50.0863724 |
| 3 | rLEN Amplitude | 17.2233834 |
| 4 | rLEN Acrophase (Rads) | 1.0579774 |
| 5 | rLEN Acrophase (Hrs) | 4.0411761 |
| 6 | rLEN Bathyphase (Hrs) | 16.0411761 |
| 7 | rLEN Std. Dev. (Rads) | 0.5082450 |
| 8 | rLEN Std. Error (Rads) | 0.1136470 |
| 9 | rLEN Std. Dev (Hrs) | 1.9413530 |
| 10 | rLEN Std. Error (Hrs) | 0.4340997 |
| 11 | rLEN Std. Dev. Amplitude | 1.9573865 |
| 12 | rLEN Std. Error Amplitude | 0.4376849 |

## Zero Amp Parameters

| | Parameter | Values |
|---|---|---|
| 1 | LD Df1 (ndf, numerator) | 2 |
| 2 | LD Df2 (ddf, denominator) | 17 |
| 3 | LD F–value | 20.9376 |
| 4 | LD P–value | 2.596509e–05 * |

| | Parameter | Values |
|---|---|---|
| 1 | rLEN Df1 (ndf, numerator) | 2 |
| 2 | rLEN Df2 (ddf, denominator) | 17 |
| 3 | rLEN F–value | 20.34606 |
| 4 | rLEN P–value | 3.085496e–05 * |