

**Table:** Statistics for variable (intensity-10) and region (cna-n). Model N is the average 34-member objects.

| Statistic                | CRU             | PRISM | CESMLE(C)       | CESMLE(S1)    | CESMLE(S2)    | CESMLE(S3)      |
|--------------------------|-----------------|-------|-----------------|---------------|---------------|-----------------|
| N                        | 19              | 23    | 15.41           | 9.18          | 5.41          | 4.35            |
| Mean                     | 1               | 1     | 1.02            | 1.03          | 1.02          | 1.05            |
| SD                       | 0.084           | 0.035 | 0.06            | 0.07          | 0.08          | 0.10            |
| 10 <sup>th</sup> P       | 0.98            | 0.99  | 0.95            | 0.94          | 0.93          | 0.93            |
| Q1                       | 1.01            | 1.01  | 0.99            | 0.98          | 0.97          | 0.98            |
| Median                   | 1               | 1     | 1.02            | 1.03          | 1.02          | 1.03            |
| Q2                       | 1.06            | 1.05  | 1.06            | 1.07          | 1.08          | 1.10            |
| 90 <sup>th</sup> P       | 1.09            | 1.08  | 1.09            | 1.11          | 1.14          | 1.19            |
| <sup>1</sup> Normality p | < <b>0.01</b> * | 0.05  | < <b>0.01</b> * | <b>0.02</b> * | <b>0.02</b> * | <b>0.01</b> *   |
| <sup>2</sup> Welch p     |                 | 0.53  | 0.95<br>0.08    | 0.22          | 0.65          | < <b>0.01</b> * |
| <sup>3</sup> Tukey p     |                 | 0.99  | 1.00<br>0.94    | 0.86          | 1.00          | < <b>0.01</b> * |
| <sup>4</sup> WMW p       |                 | 0.79  | 0.57<br>0.26    | 0.12          | 0.91          | < <b>0.01</b> * |

All tests significant at  $\alpha = 0.05$ .

<sup>1</sup> Shapiro-Wilk Normality Test. \* denotes the distribution is not a normal distribution.

<sup>2</sup> Welch Two-Sample T-Test. \* denotes the paired sample distribution means are significantly different.

<sup>3</sup> Tukey Honestly Significant Difference Test. \* denotes the paired sample distribution means are significantly different.

<sup>4</sup> Wilcoxon Mann-Whitney U Test. \* denotes the sample distributions are significantly different.