

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

| Statistic                | CRU             | PRISM | CESMLE(C)       | CESMLE(S1)      | CESMLE(S2)      | CESMLE(S3)      |
|--------------------------|-----------------|-------|-----------------|-----------------|-----------------|-----------------|
| N                        | 26              | 17    | 12.62           | 11.12           | 10.59           | 8.59            |
| Mean                     | -1.5            | -1.4  | -1.46           | -1.53           | -1.52           | -1.54           |
| SD                       | 0.3             | 0.27  | 0.30            | 0.37            | 0.38            | 0.34            |
| 10 <sup>th</sup> P       | -1.92           | -1.81 | -1.94           | -2.10           | -2.09           | -2.01           |
| Q1                       | -1.54           | -1.60 | -1.57           | -1.66           | -1.66           | -1.65           |
| Median                   | -1.4            | -1.4  | -1.37           | -1.41           | -1.41           | -1.45           |
| Q2                       | -1.31           | -1.24 | -1.25           | -1.26           | -1.26           | -1.31           |
| 90 <sup>th</sup> P       | -1.20           | -1.17 | -1.18           | -1.20           | -1.16           | -1.22           |
| <sup>1</sup> Normality p | < <b>0.01</b> * | 0.09  | < <b>0.01</b> * | < <b>0.01</b> * | < <b>0.01</b> * | < <b>0.01</b> * |
| <sup>2</sup> Welch p     |                 | 0.47  | 0.60<br>0.64    | < <b>0.01</b> * | <b>0.01</b> *   | < <b>0.01</b> * |
| <sup>3</sup> Tukey p     |                 | 0.99  | 1.00<br>1.00    | 0.06            | 0.13            | <b>0.03</b> *   |
| <sup>4</sup> WMW p       |                 | 0.38  | 0.34<br>0.73    | <b>0.01</b> *   | 0.06            | < <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.