

**Table:** Statistics for variable (centroid-lat) 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                     | 32    | 33    | 32.39        | 32.47      | 32.16      | 32.44      |
| SD                       | 3.6   | 3.2   | 3.47         | 3.31       | 3.44       | 3.45       |
| 10 <sup>th</sup> P       | 27.99 | 28.77 | 28.16        | 28.23      | 27.74      | 27.97      |
| Q1                       | 29.72 | 29.72 | 29.39        | 29.72      | 29.35      | 29.44      |
| Median                   | 33    | 32    | 32.27        | 32.54      | 31.83      | 32.44      |
| Q2                       | 35.33 | 35.37 | 35.55        | 35.37      | 35.37      | 35.44      |
| 90 <sup>th</sup> P       | 37.08 | 36.69 | 37.21        | 37.01      | 36.82      | 37.13      |
| <sup>1</sup> Normality p | 0.40  | 0.43  | <0.01*       | <0.01*     | <0.01*     | <0.01*     |
| <sup>2</sup> Welch p     |       | 0.92  | 0.99<br>0.89 | 0.74       | 0.34       | 0.87       |
| <sup>3</sup> Tukey p     |       | 1.00  | 1.00<br>1.00 | 1.00       | 0.93       | 1.00       |
| <sup>4</sup> WMW p       |       | 0.89  | 0.96<br>0.93 | 0.79       | 0.28       | 0.93       |

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.