

**Table:** Observation and model statistics for centroid-lat, organized by region. Model N is the average 34-member objects.

| Obs/Model  | Statistic          | wna_n | wna_s | cna_n | cna_s | ena_n | ena_s |
|------------|--------------------|-------|-------|-------|-------|-------|-------|
| Cru        | N                  | —     | —     | —     | —     | —     | —     |
|            | Mean               | —     | —     | —     | —     | —     | —     |
|            | SD                 | —     | —     | —     | —     | —     | —     |
|            | Median             | —     | —     | —     | —     | —     | —     |
| Prism      | N                  | —     | —     | —     | —     | —     | —     |
|            | Mean               | —     | —     | —     | —     | —     | —     |
|            | SD                 | —     | —     | —     | —     | —     | —     |
|            | Median             | —     | —     | —     | —     | —     | —     |
| CESMLE(C)  | N                  | 0.09  | 0.03  | 0.03  | —     | —     | 0.06  |
|            | Mean               | 43.37 | —     | —     | —     | —     | 34.57 |
|            | SD                 | 1.26  | —     | —     | —     | —     | —     |
|            | Median             | 42.87 | —     | —     | —     | —     | —     |
| CESMLE(S1) | N                  | 0.09  | 0.15  | 0.24  | 0.18  | —     | —     |
|            | Mean               | 44.69 | 37.07 | 42.58 | 31.72 | —     | —     |
|            | SD                 | 0.73  | 3.18  | 2.94  | 2.61  | —     | —     |
|            | Median             | 45.04 | 37.35 | 42.06 | 31.06 | —     | —     |
| CESMLE(S2) | N                  | 0.09  | 0.12  | 0.06  | 0.18  | —     | —     |
|            | Mean               | 42.58 | 35.69 | 45.89 | 32.43 | —     | —     |
|            | SD                 | 2.75  | 3.38  | —     | 3.20  | —     | —     |
|            | Median             | 41.50 | 35.41 | —     | 30.59 | —     | —     |
| CESMLE(S3) | N                  | 0.12  | 0.15  | 0.12  | 0.24  | —     | 0.06  |
|            | Mean               | 44.31 | 31.77 | 40.23 | 33.56 | —     | 25.95 |
|            | SD                 | 1.34  | 1.06  | 2.95  | 2.15  | —     | —     |
|            | Median             | 44.71 | 31.56 | 39.06 | 33.84 | —     | —     |
| Cru-Prism  |                    | —     | —     | —     | —     | —     | —     |
| C-Cru      |                    | —     | —     | —     | —     | —     | —     |
| C-Prism    |                    | —     | —     | —     | —     | —     | —     |
| S1-C       | <sup>1</sup> WMW-p | 0.13  | —     | —     | —     | —     | —     |
| S2-C       |                    | 0.51  | —     | —     | —     | —     | —     |
| S3-C       |                    | 0.59  | —     | —     | —     | —     | —     |

<sup>1</sup> Wilcoxon Mann-Whitney U Test. Sample distributions are significantly different (\*) at  $\alpha = 0.05$ .

<sup>2</sup> CESMLE time periods: (C) 1981-2010, (S1) 2011-2040, (S2) 2041-2070, and (S3) 2071-2099.