| **Table 1** | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Mean tree size and standard deviation* | | | | | | | | | | | | | | |
| Model | *ACT* | | *ECLSKmath* | | *ECLSKreading* | | *ECLSKschool* | | *ECLSKscience* | | *marriage* | | *Safety* | |
| *M* | *SD* | *M* | *SD* | *M* | *SD* | *M* | *SD* | *M* | *SD* | *M* | *SD* | *M* | *SD* |
| GLMM\_tree | 5.12 | 1.44 | 9.06 | 2.29 | 11.00 | 0.77 | 3.30 | 0.64 | 9.90 | 1.50 | 4.89 | 0.71 | 9.83 | 1.16 |
| BaBart\_N.1 | 7.53 | 2.36 | 17.77 | 3.31 | 20.78 | 1.94 | 14.50 | 14.11 | 25.73 | 2.55 | 26.53 | 3.28 | 28.91 | 2.27 |
| BaBart\_N.5 | 4.36 | 0.90 | 4.46 | 1.44 | 9.88 | 1.65 | 44.93 | 14.54 | 6.47 | 2.50 | 18.84 | 5.45 | 21.93 | 2.73 |
| BaBart\_N.10 | 1.69 | 0.90 | 5.59 | 3.04 | 7.29 | 2.35 | 34.74 | 21.57 | 5.35 | 2.67 | 18.08 | 5.13 | 20.30 | 2.56 |
| Smearing\_N.1\_palt.0 | 10.49 | 3.27 | 33.48 | 4.41 | 37.62 | 3.35 | 6.45 | 1.46 | 35.70 | 3.21 | 48.55 | 3.68 | 47.77 | 4.07 |
| Smearing\_N.5\_palt.0 | 2.79 | 1.01 | 14.07 | 1.91 | 16.70 | 2.20 | 0.81 | 0.42 | 15.68 | 3.20 | 50.01 | 3.57 | 21.94 | 2.70 |
| Smearing\_N.10\_palt.0 | 1.88 | 1.15 | 10.77 | 1.69 | 13.25 | 2.31 | 0.00 | 0.00 | 10.00 | 2.67 | 48.52 | 4.17 | 11.82 | 2.15 |
| Smearing\_N.1\_palt.0.25 | 10.20 | 4.28 | 30.96 | 2.79 | 27.48 | 2.49 | 25.06 | 4.21 | 33.88 | 3.45 | 56.28 | 4.17 | 44.51 | 5.86 |
| Smearing\_N.5\_palt.0.25 | 8.41 | 2.35 | 17.88 | 3.55 | 19.34 | 3.00 | 5.12 | 2.18 | 20.71 | 3.64 | 54.64 | 2.72 | 33.76 | 4.04 |
| Smearing\_N.10\_palt.0.25 | 4.77 | 2.16 | 18.26 | 4.42 | 20.40 | 4.22 | 2.38 | 0.87 | 17.30 | 3.01 | 52.34 | 3.07 | 26.73 | 4.74 |
| Smearing\_N.1\_palt.0.5 | 12.78 | 2.50 | 26.96 | 3.87 | 28.52 | 4.30 | 27.11 | 5.09 | 27.84 | 3.50 | 58.31 | 3.81 | 39.75 | 6.76 |
| Smearing\_N.5\_palt.0.5 | 9.89 | 4.90 | 20.94 | 3.33 | 19.60 | 3.48 | 8.80 | 2.16 | 19.05 | 2.80 | 56.22 | 3.24 | 27.80 | 5.11 |
| Smearing\_N.10\_palt.0.5 | 7.33 | 3.06 | 18.95 | 5.07 | 17.16 | 4.25 | 4.43 | 1.33 | 16.29 | 4.03 | 57.41 | 2.98 | 26.56 | 4.17 |