

| lhs | op | rhs | ML | Bayes |
|--------------|----|--------------|------------|------------|
| center | =~ | first q | 1.0000000 | 1.0000000 |
| center | =~ | median | 1.1122316 | 1.1585870 |
| center | =~ | mode | 0.9191466 | 0.9391933 |
| shape | =~ | vari | 1.0000000 | 1.0000000 |
| shape | =~ | third q | 1.1657519 | 1.2090683 |
| shape | =~ | mean | 1.3227399 | 1.2749346 |
| spread | =~ | skew | 1.0000000 | 1.0000000 |
| spread | =~ | kurt | 0.5977504 | 0.9359372 |
| distribution | =~ | plant height | 1.0000000 | 1.0000000 |
| distribution | =~ | Lat abs | -0.9053110 | -0.6963412 |
| distribution | ~~ | center | -0.0282759 | -0.0339663 |
| distribution | ~~ | shape | 0.0926070 | 0.1409326 |
| distribution | ~~ | spread | 0.0774973 | 0.1612134 |
| first q | ~~ | first q | 0.2428494 | 0.2788927 |
| median | ~~ | median | 0.0633683 | 0.0320875 |
| mode | ~~ | mode | 0.3603317 | 0.3640500 |
| vari | ~~ | vari | 0.3936995 | 0.3847182 |
| third q | ~~ | third q | 0.1760638 | 0.1007270 |
| mean | ~~ | mean | -0.0607828 | 0.0000129 |
| skew | ~~ | skew | -0.5657305 | 0.0000477 |
| kurt | ~~ | kurt | 0.4405415 | 0.1240232 |
| plant height | ~~ | plant height | 0.8412177 | 0.7930297 |
| Lat abs | ~~ | Lat abs | 0.8698594 | 0.9000343 |
| center | ~~ | center | 0.7571173 | 0.7212437 |
| shape | ~~ | shape | 0.6062676 | 0.6152984 |
| spread | ~~ | spread | 1.5657055 | 1.0002243 |
| distribution | ~~ | distribution | 0.1484646 | 0.1843194 |
| center | ~~ | shape | 0.5970760 | 0.5939342 |
| center | ~~ | spread | -0.3154552 | -0.3219434 |
| shape | ~~ | spread | -0.2215514 | -0.3077742 |

Table 1: Model Comparisons (Maximum Likelihood SEM vs. Bayes)

| lhs | op | rhs | ML | Bayes |
|--------------|----|--------------|------------|------------|
| center | =~ | median | 1.0000000 | 1.0000000 |
| center | =~ | mode | 0.7988991 | 0.8155055 |
| shape | =~ | vari | 1.0000000 | 1.0000000 |
| shape | =~ | mean | 1.7224243 | 1.2748054 |
| spread | =~ | skew | 1.0000000 | 1.0000000 |
| spread | =~ | kurt | 0.6871358 | 0.9359446 |
| center | =~ | Lat abs | -0.0352813 | -0.0346673 |
| center | =~ | plant height | -0.0127601 | -0.0129932 |
| shape | =~ | Lat abs | -0.0374713 | -0.0510159 |
| shape | =~ | plant height | -0.0046047 | -0.0126702 |
| spread | =~ | Lat abs | -0.0739801 | -0.0434191 |
| spread | =~ | plant height | 0.1305850 | 0.1359560 |
| median | ~~ | median | 0.0229469 | 0.0428955 |
| mode | ~~ | mode | 0.3763939 | 0.3633988 |
| vari | ~~ | vari | 0.5446010 | 0.3848602 |
| mean | ~~ | mean | -0.3509869 | 0.0000112 |
| skew | ~~ | skew | -0.3620525 | 0.0000449 |
| kurt | ~~ | kurt | 0.3568820 | 0.1240247 |
| center | ~~ | center | 0.9757384 | 0.9557324 |
| shape | ~~ | shape | 0.4539885 | 0.6127875 |
| spread | ~~ | spread | 1.3368046 | 0.9779089 |
| center | ~~ | shape | 0.5081862 | 0.6874683 |
| center | ~~ | spread | -0.3972472 | -0.3747060 |
| shape | ~~ | spread | -0.2184790 | -0.3090019 |
| Lat abs | ~~ | Lat_abs | 0.9999671 | 0.9999671 |
| Lat abs | ~~ | plant_height | -0.1392443 | -0.1392443 |
| plant height | ~~ | plant_height | 0.9999671 | 0.9999671 |

Table 2: Model Comparisons (Maximum Likelihood SEM vs. Bayes)