**Supplemental Material: Mean (SD) used for each Box-Cox transformed distribution**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **mean (SD)****% mannitol** | **mean (SD)****% lactulose** | **mean (SD)****L/M** |
| **3-mo boys****N=101** | 1.14 (1.51) | -1.88 (0.92) | -5.18 (2.98) |
| **3-mo girls****N=99** | 0.22 (1.39) | -1.26 (0.35) | -2.93 (2.00) |
| **6-mo boys****N=99** | 1.04 (1.25) | -1.82 (0.74) | -3.81 (1.50) |
| **6-mo girls****N=97** | 0.13 (1.21) | -1.82 (0.44) | -4.93 (2.76) |
| **9-mo boys****N=197** | 0.63 (1.11) | -2.03 (0.82) | -4.23 (1.42) |
| **9-mo girls****N=89** | 0.07 (1.27) | -2.30 (0.73) | -4.02 (1.95) |
| **15-mo boys** **N=93** | 0.42 (0.98) | -2.52 (0.67) | -4.00 (1.50) |
| **15-mo girls****N=82** | 0.06 (1.10) | -4.09 (1.48) | -3.36 (1.27) |