Supplemental 5: Sample size recommendations for burrowing at the 24 hr time point

Data are presented as sample size (actual power) for a range of mean differences and standard deviations. Analysis was performed following the exact method under a fixed scenario adopting normal distribution, 2 sides, a nominal power of 0.8, α=0.05 and a null hypothesis assuming no difference between groups.

|  |  |
| --- | --- |
|  | **Standard deviation (g)** |
| **Mean difference (g)** | **450** | **500** | **550** |
| **-450** | 17 (0.807) | 21 (0.812) | 25 (0.809) |
| **-500**  | 14 (0.808) | 17 (0.807) | 21 (0.82) |
| **-550** | 12 (0.816) | 15 (0.828) | 17 (0.807) |
| **-600** | 10 (0.805) | 12 (0.802) | 15 (0.822) |
| **-700** | 8 (0.824) | 10 (0.841) | 11 (0.810) |
| **-800** | 7 (0.862) | 8 (0.845) | 9 (0.825) |
| **-900** | 6 (0.876) | 6 (0.802) | 7 (0.802) |