Supplemental Digital Content 3
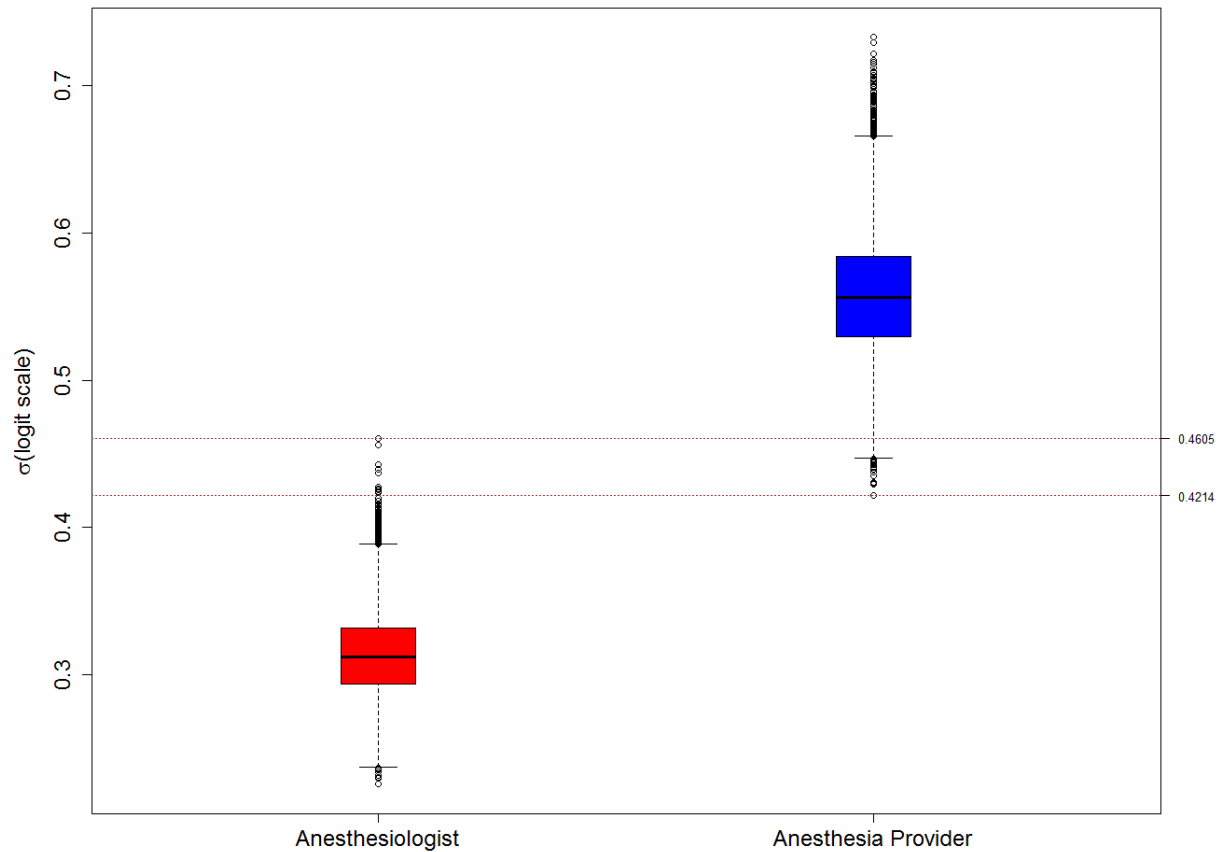

Figure 1: To test whether 1) anesthesiologists or 2) anesthesia providers have greater variability, Convergence Diagnostic and Output Analysis option of WinBUGS program (Medical Research Council, Biostatistics Unit, UK) was used. For both adjusted models from anesthesiologists and anesthesia providers, between-anesthesiologist standard deviations were monitored for all 15,000 replications.

On the logit scale, the maximum standard deviation from 15,000 replications for anesthesiologists was 0.461 and 99th percentile was 0.387. Minimum standard deviation for anesthesia providers was 0.421 with 1st percentile of 0.471.