1. Priors
2. Violin plots
   1. “Show Bayesian monitoring can be done with examples based on violin plot data”
3. Sequential design properties
   1. Fix axis
   2. Make captions match MP
   3. Emphasize sample size reduction and interpretability
4. Further analysis
   1. “Show frequentist properties of a SMBT when enrollment is slow relative to outcome ascertainment”
   2. “Show how the frequentist T1ER inflates as a function of # of times the data are monitored”
5. Priors
   1. Spike & slab
   2. Flat
6. Comparison of spike & slab with flat and regular priors
   1. “Explore alternative distribution for skeptical & enthuastic priors and discuss relationships to OBF and Pocock alpha spending”
      1. More & more spiked 🡪 OBF
      2. Less spiked 🡪 Pocock

Confirm 90% power at 0.35

“Probability of stopping enrollment early NOT probability we conclude treatment works”

Panel graph with speed of enrollment

|  |  |
| --- | --- |
| 4 per month, 4 month lag | 4 per month, 8 month lag |
| 8 per month, 4 month lag | 8 per month, 8 month lag |

Make figures grey scale.

350 dpi

Conclude “regardless of frequency of monitoring good type 1 error rates”

Best case is slow enrollment relative to outcome ascertainment (enrollment is slow but getting good # of outcomes)