AUC for Fisher's Exact Test and the Beta−Binomial Model

Top-left panel (AUC vs Number of Events)

- AUC axis: 0.85, 0.90, 0.95, 1.00
- Number of Events axis: 10000, 20000, 30000, 50000, 75000, 1e+05
- Legend: Fisher's Exact Test (solid), MIMOSA: unconstrained (dashed)

Top-right panel (dbeta(s, sims[[7]][[1, j]]@alpha0, sims[[7]][[1, j]]@beta0) vs s)

- y-axis: 0, 2000, 4000, 6000, 8000
- x-axis (s): 0.0000, 0.0005, 0.0010, 0.0015, 0.0020
- Legend:
  - Truncated normal: null
  - Truncated normal: stimulated
  - MIMOSA: unconstrained null
  - MIMOSA: unconstrained stimulated

Bottom-left panel (sensitivity vs 1 − specificity)

- sensitivity axis: 0.0, 0.2, 0.4, 0.6, 0.8, 1.0
- 1 − specificity axis: 0.0, 0.2, 0.4, 0.6, 0.8, 1.0
- Legend: Fisher (solid), MIMOSA: unconstrained (dashed)

Bottom-right panel (True FDR vs Nominal FDR)

- True FDR axis: 0.1, 0.2, 0.3, 0.4
- Nominal FDR axis: 0.1, 0.2, 0.3, 0.4
- Legend: Fisher (solid), MIMOSA: unconstrained (dashed)