Lectures on Model Uncertainty and Multiplicity

1. Reproducibility of Science: Impact of Bayesian Testing and Multiplicity (Jim Berger)

2. Bayesian Hypothesis Testing (Jim Berger)

3. Essentials of Bayesian Model Uncertainty (Jim Berger)

4. Multiplicity Control and Model Prior Probabilities (Jim Berger)

5. Conventional Model Selection Priors (Susie Bayarri)

6. Data-Driven Priors (Jim Berger)

7. Approximations (Jim Berger)

8. Computation and Search (Jim Berger)

9. Model Criticism (Susie Bayarri)

10. Case Studies and Discussion (Jim Berger)