Order-constrained inference for the hypothetical data (Bayesian p and Bayes factor)

	Mike's data Bp	Mike's data BF	Marc's data Bp	Marc's data BF	Meichai's data Bp	Meichai's data BF
Model 1	0.24	0.088	0.089	0.0096	0.57	2.9
Model 2	0.011	0.0017	<0.001	<1.0e-06	0.31	0.83
Model 3	<0.001	<1.0e-06	<0.001	<1.0e-06	0.6	28
Model 4	<0.001	<1.0e-06	<0.001	<1.0e-06	0.69	192
Model 5	<0.001	0.083	<0.001	<1.0e-06	<0.001	7.15e-04
Model 6	<0.001	<1.0e-06	<0.001	<1.0e-06	<0.001	5.64e-04
Model 7	<0.001	<1.0e-06	<0.001	<1.0e-06	0.0058	0.0097
Model 8	0.0016	<1.0e-06	<0.001	<1.0e-06	<0.001	<1.0e-06
Model 9	0.65	98	0.59	195	<0.001	<1.0e-06
Model 10	0.5	23	0.49	22	0.5	23

Bp: Bayesian p-value; BF: Bayes factor against the unconstrained model. Frequentist p-values (Fp) come from QTest and are not shown. Model 6 has an exact equality, which multinomineq approximates (a thin slab around it): its values are estimates.