

1 Diagnostic template and full predictive performance

link test

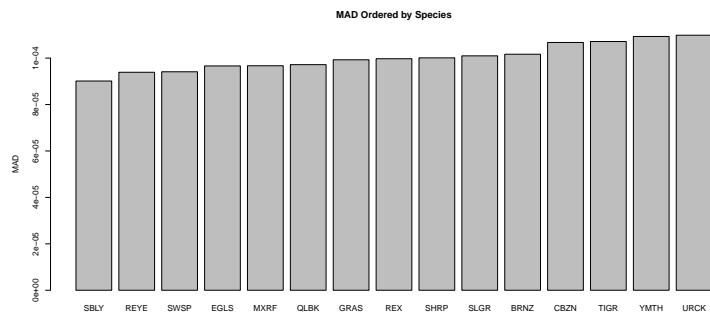
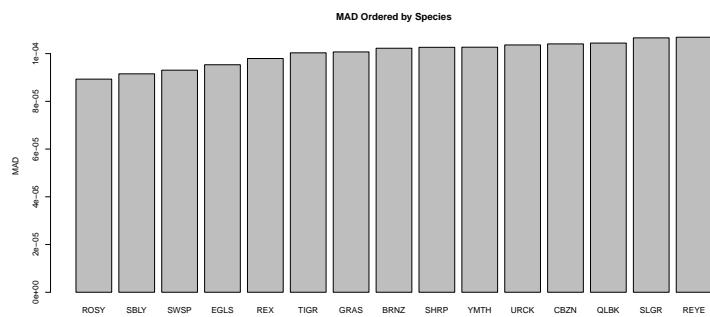
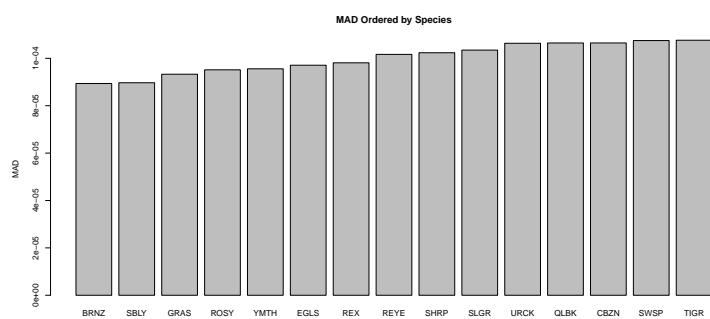
- describe general predictive performance plot (show single page 68 and 95 example)
- describe MAD metric (show equation)
- show MAD picture
- describe how to use it to find poor performing stratum
- show marginal diagnostic
- show spp-year-gear and spp-year diagnostics
- describe and link full diagnostic csv

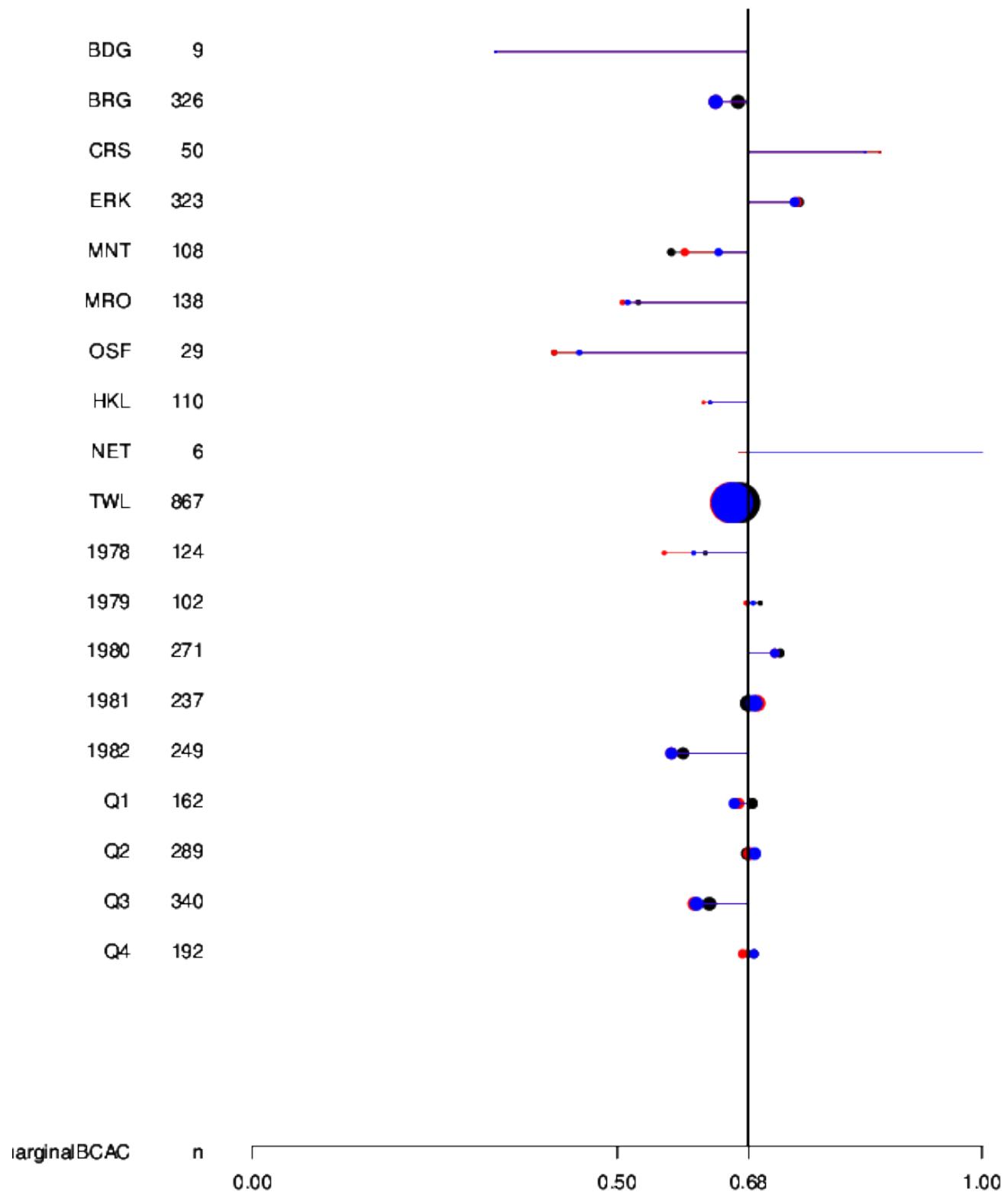
2 Time model and prior sensitivities

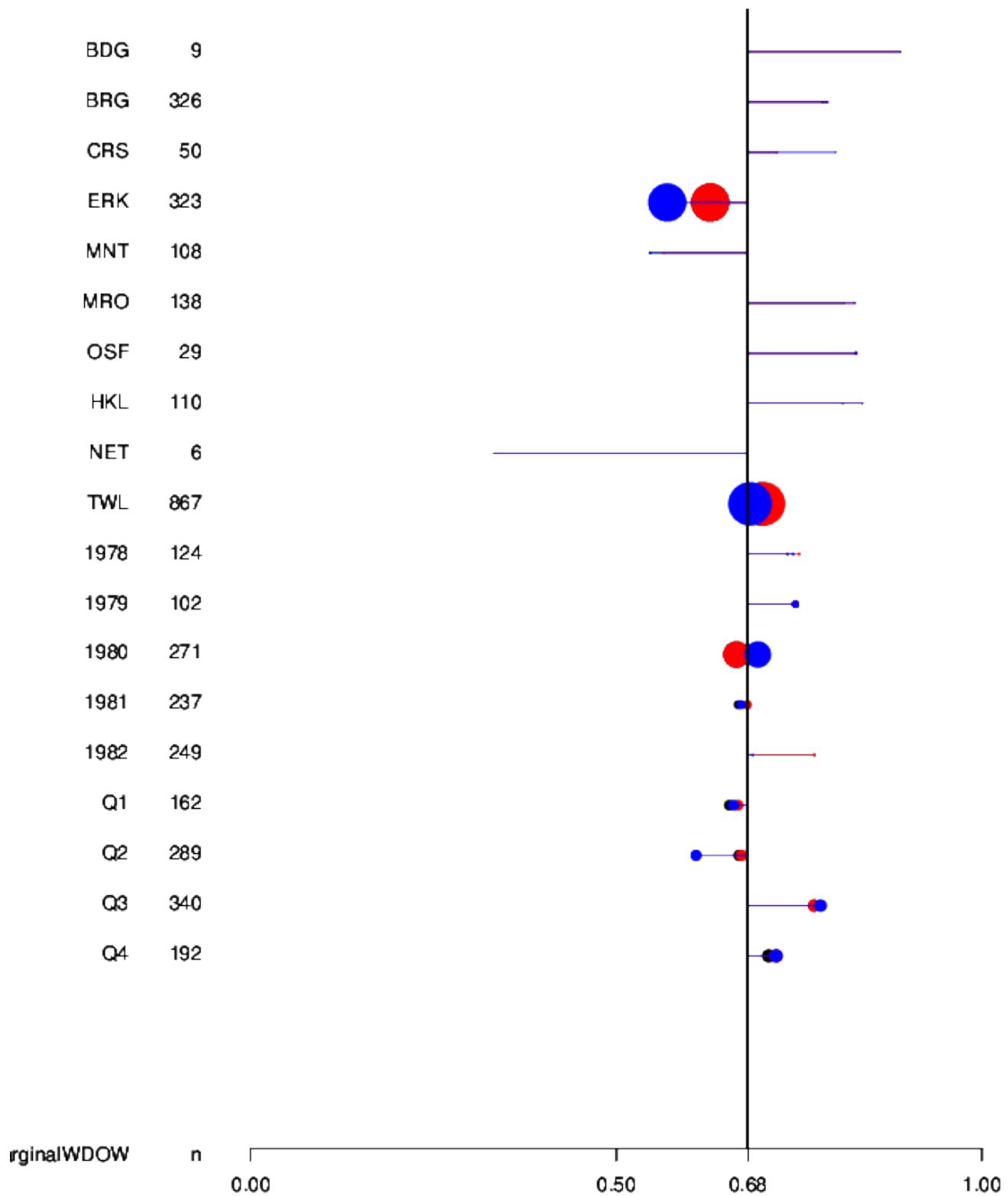
2.1 MCAT 250 Time Models

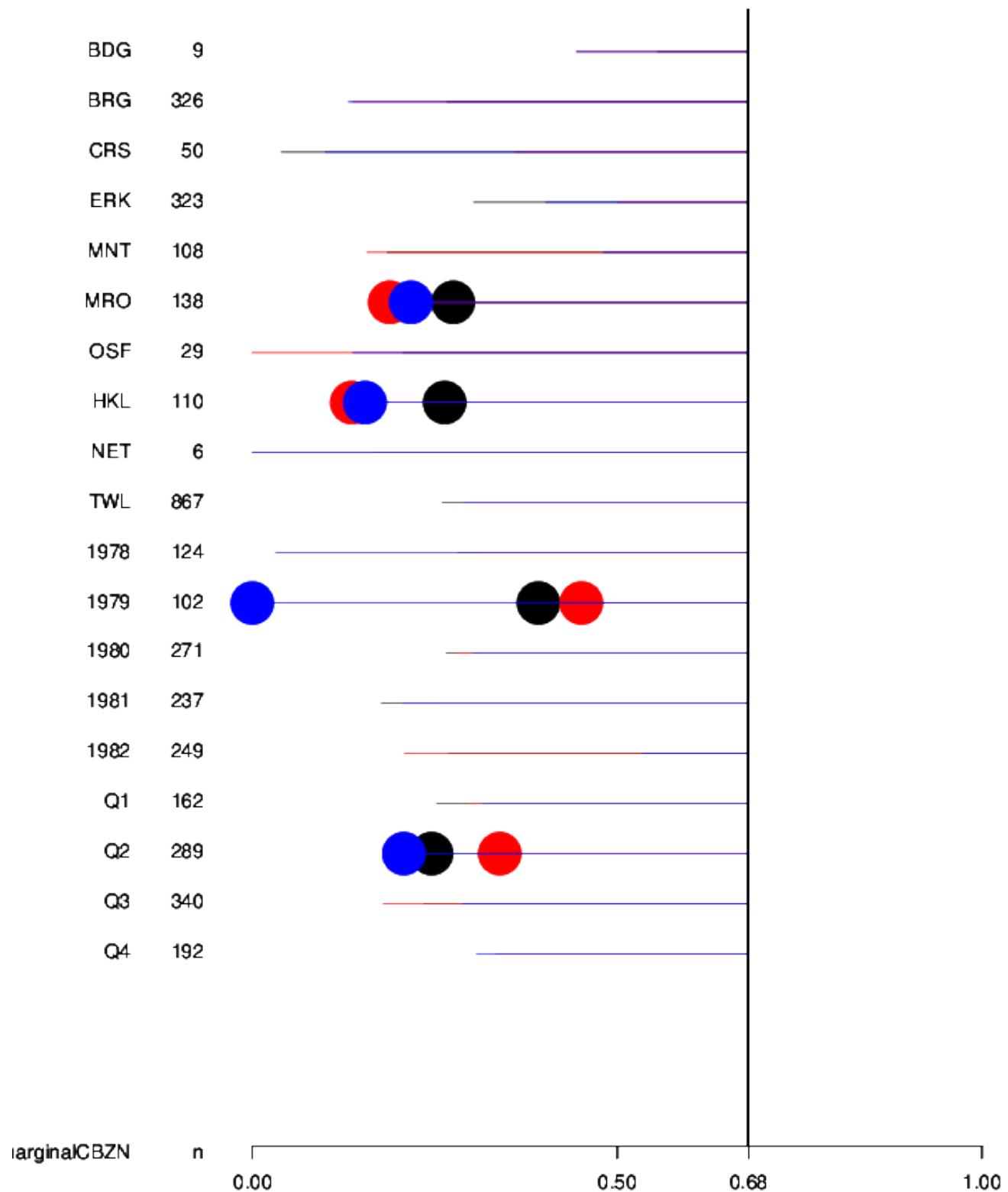
	M1	M2	M3	M4	M5	M6
Δ DIC	6448.98	0.33	0	4.45	9.3	7.42
Δ WAIC	6421.5	0.37	0	4.52	8.25	6.55
$pr(M y)$	0	0	0	0.03	0	0.97

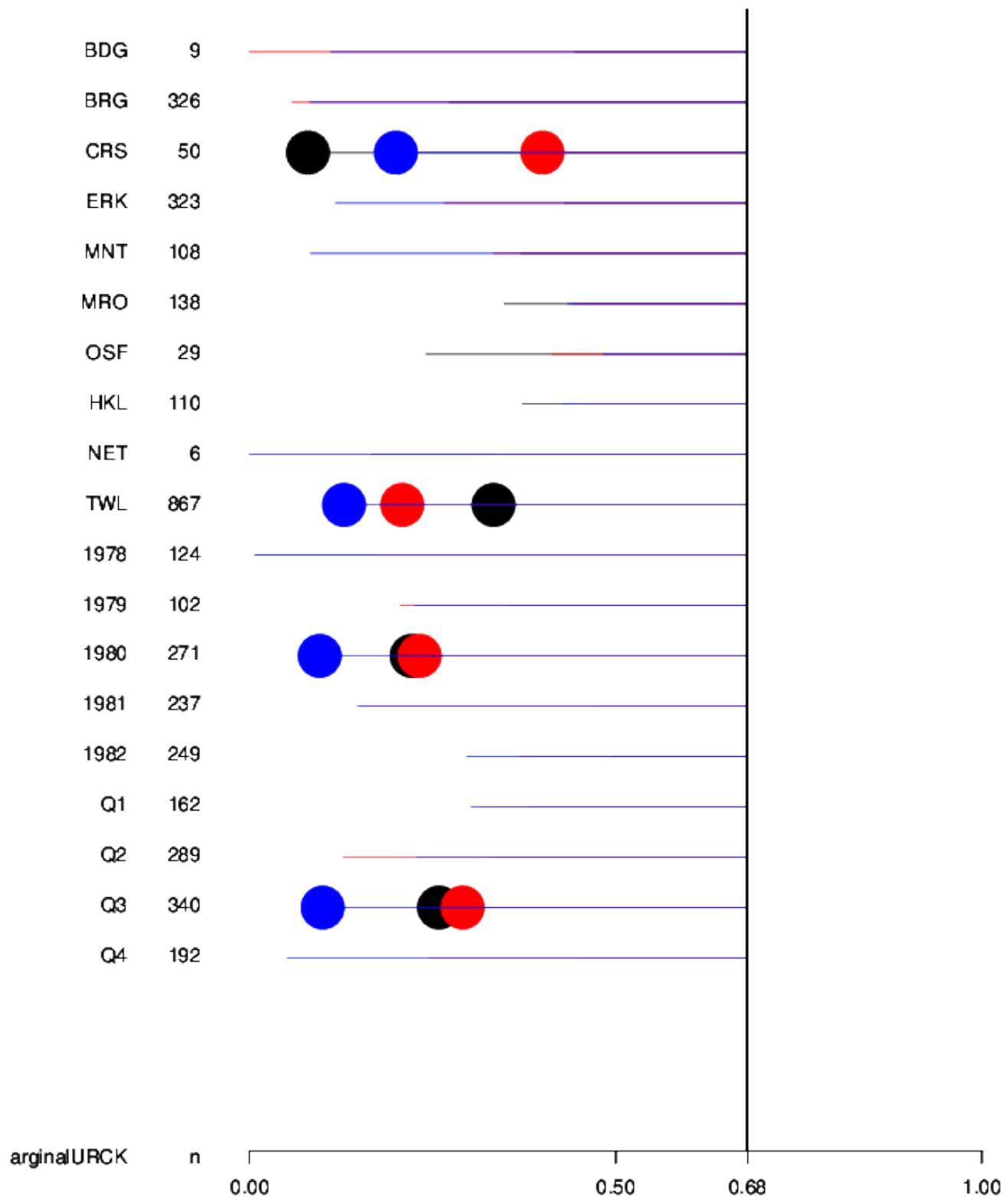
2.1.1 M3, M4, M6 Comparision







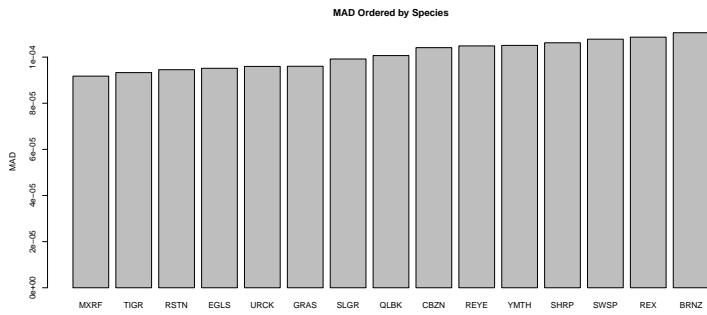
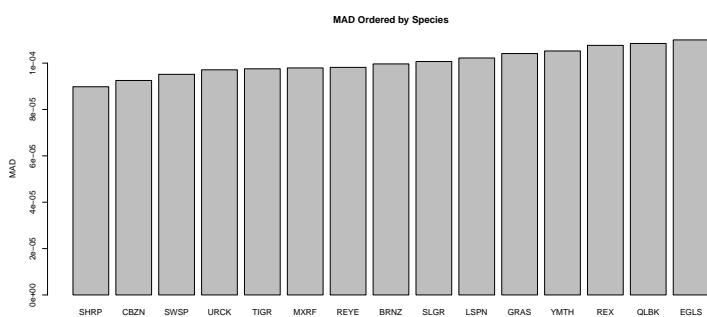
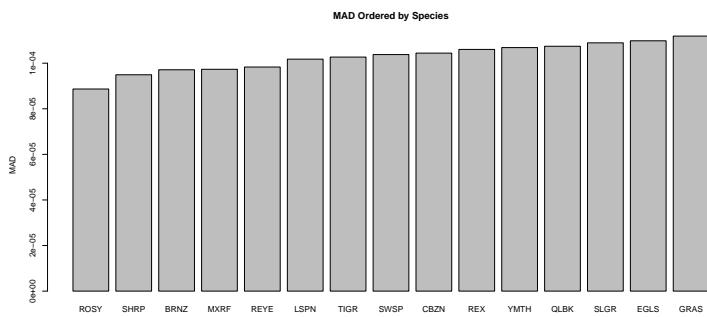


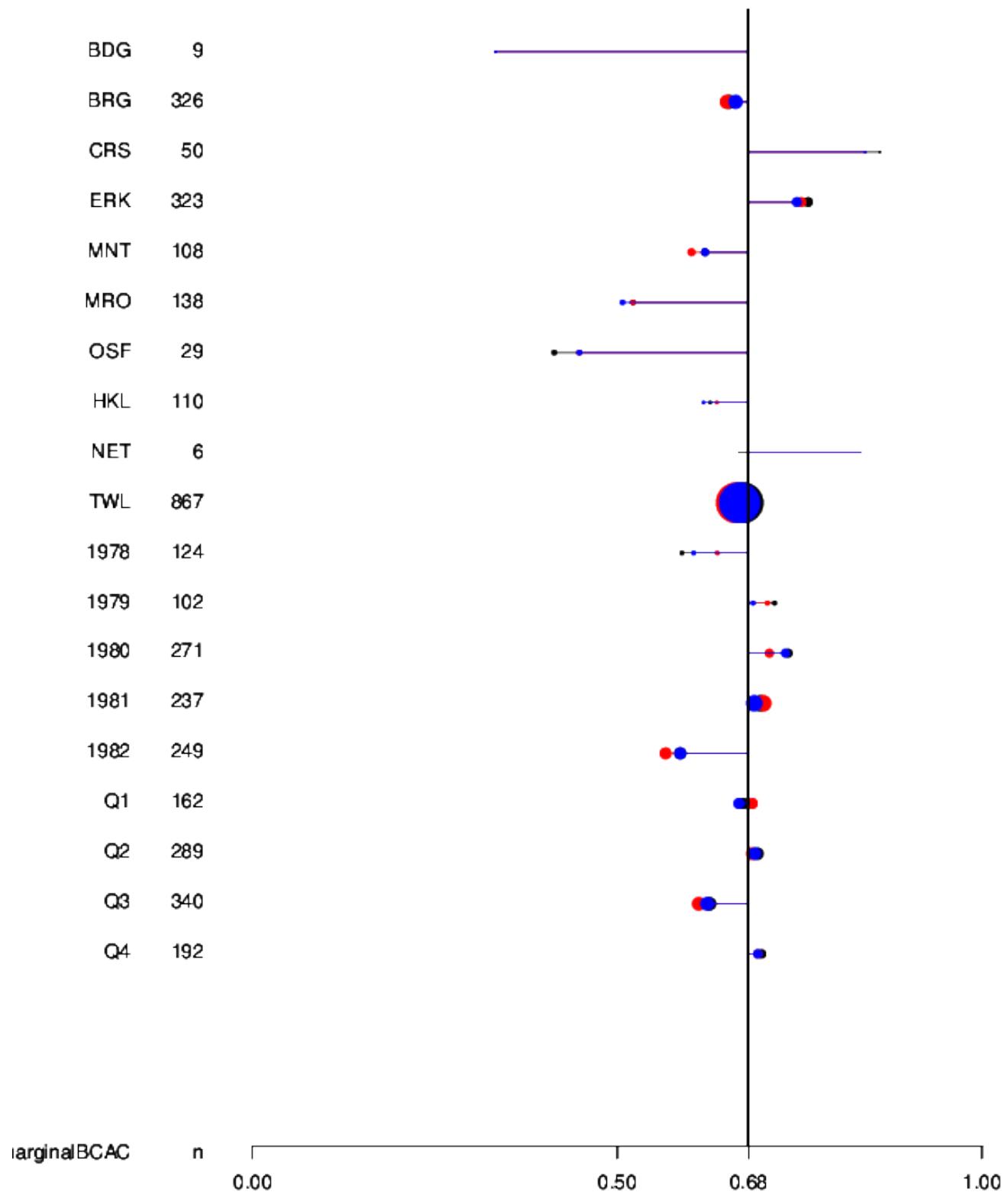


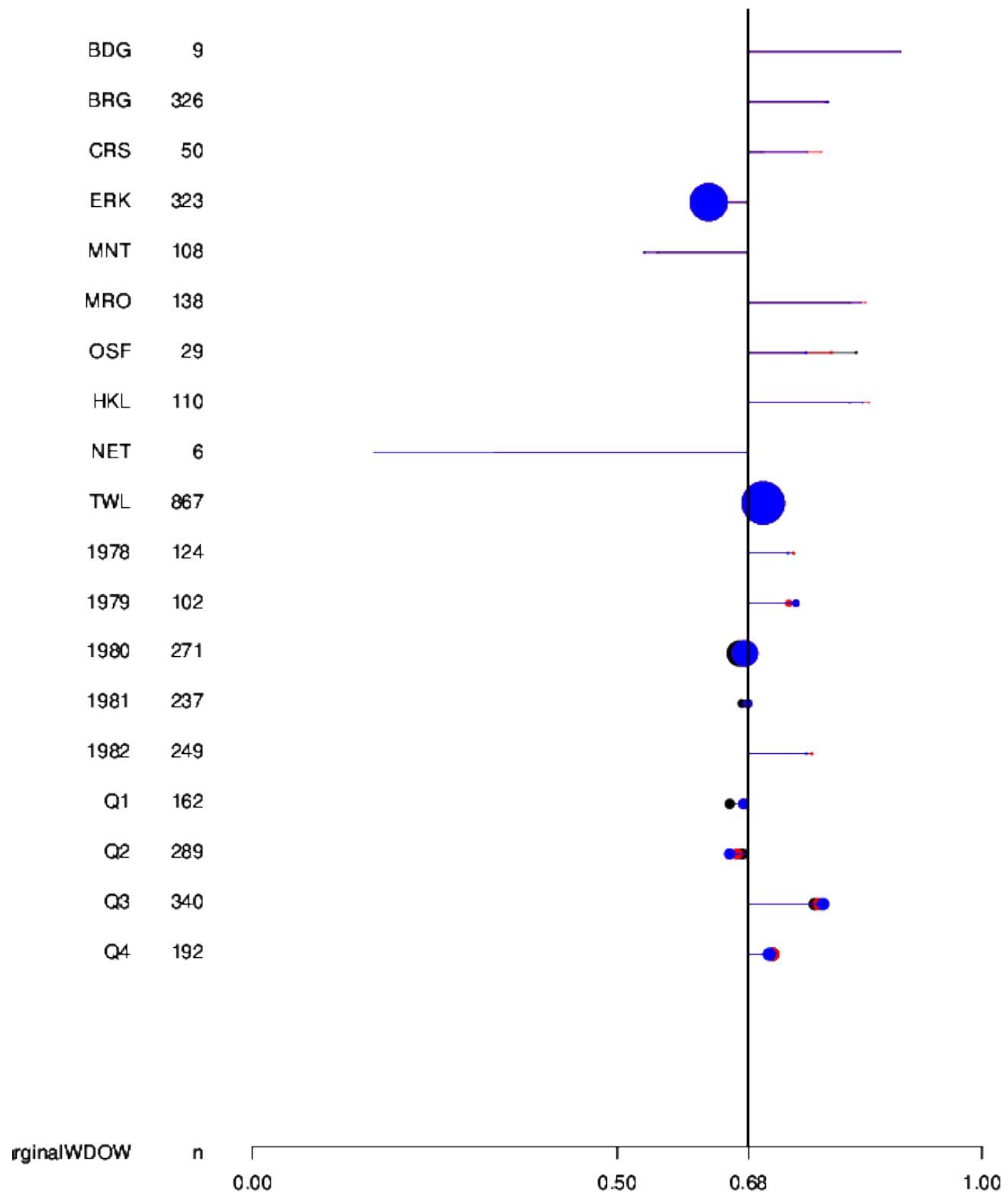
2.2 MCAT 250 Priors

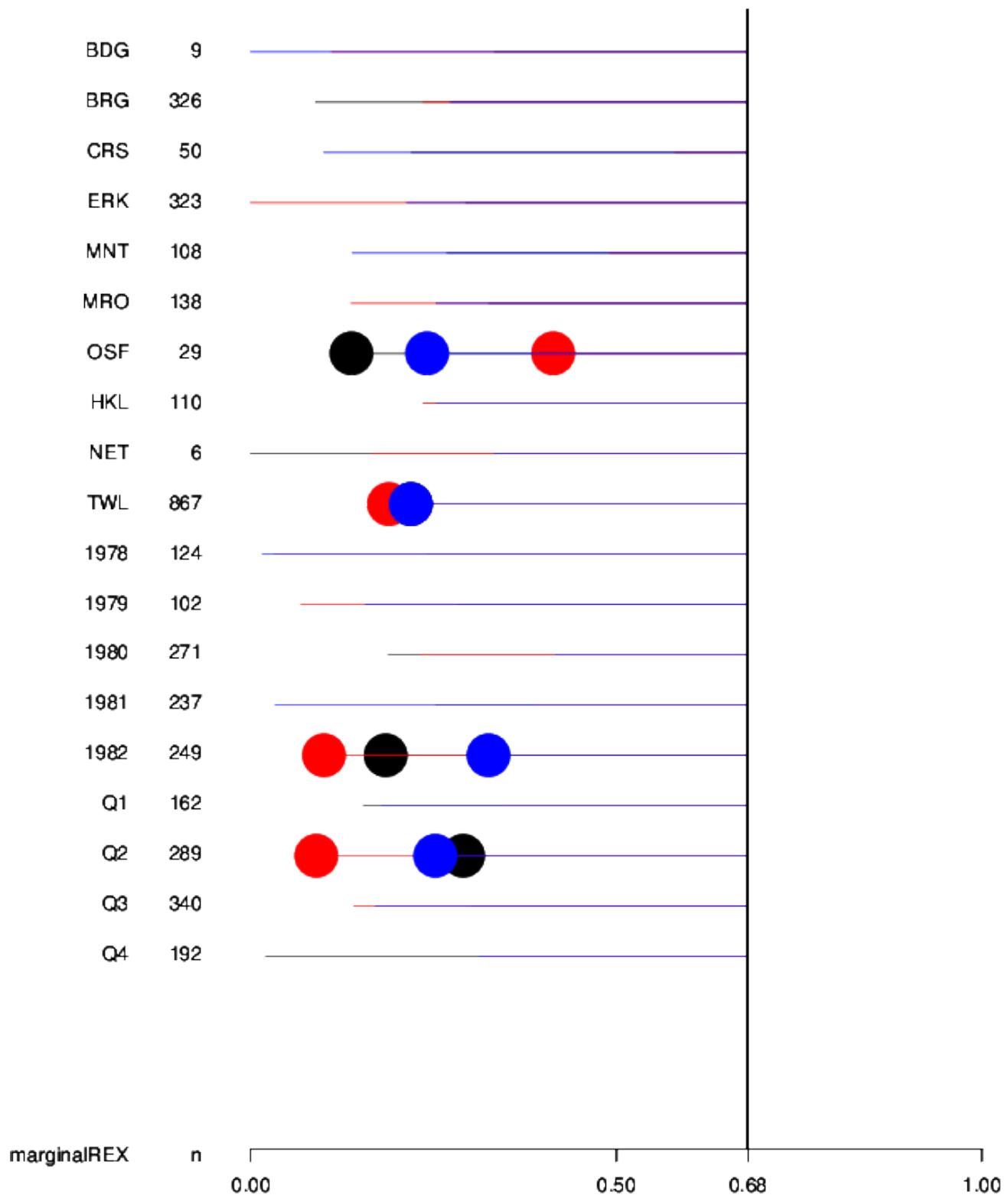
	M4HC1	M4HC3	M4U4
Δ DIC	0.02	0.1	0
Δ WAIC	0.03	0.11	0
$pr(M y)$	0.21	0.37	0.42

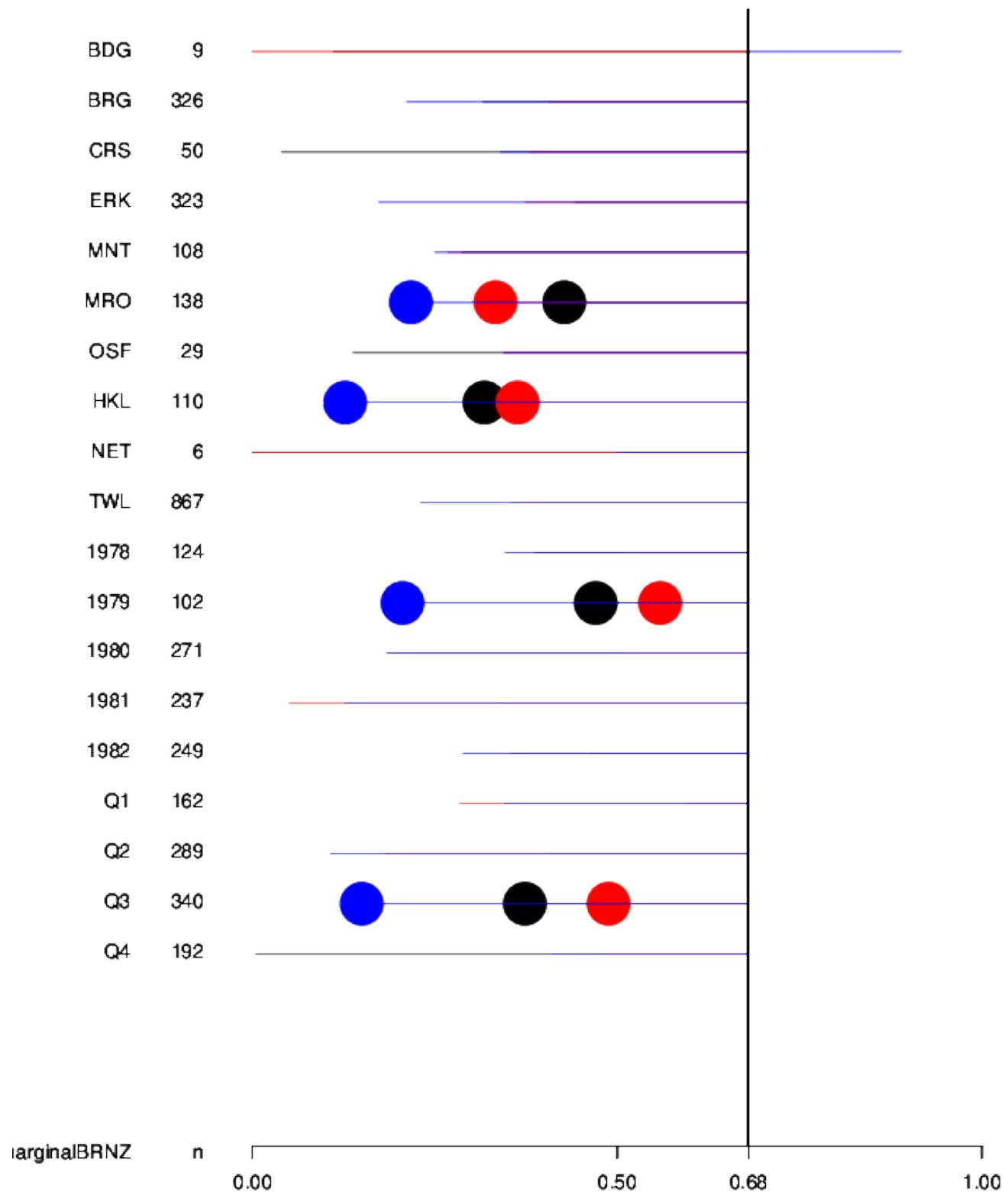
2.2.1 M4HC1, M4HC3, M4U4 Comparision







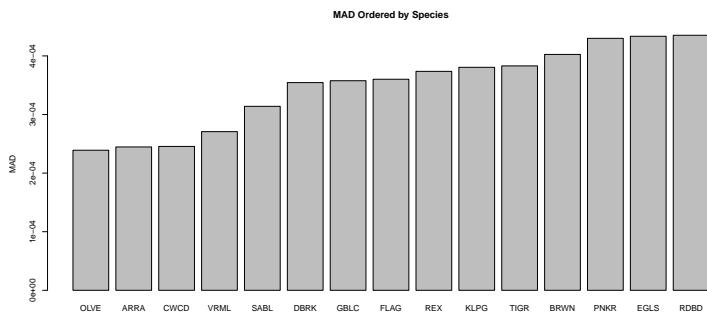
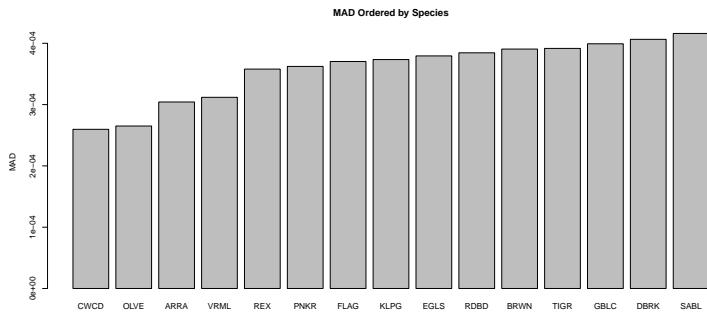
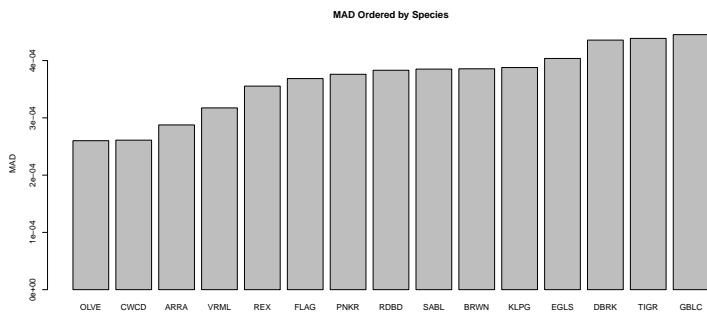


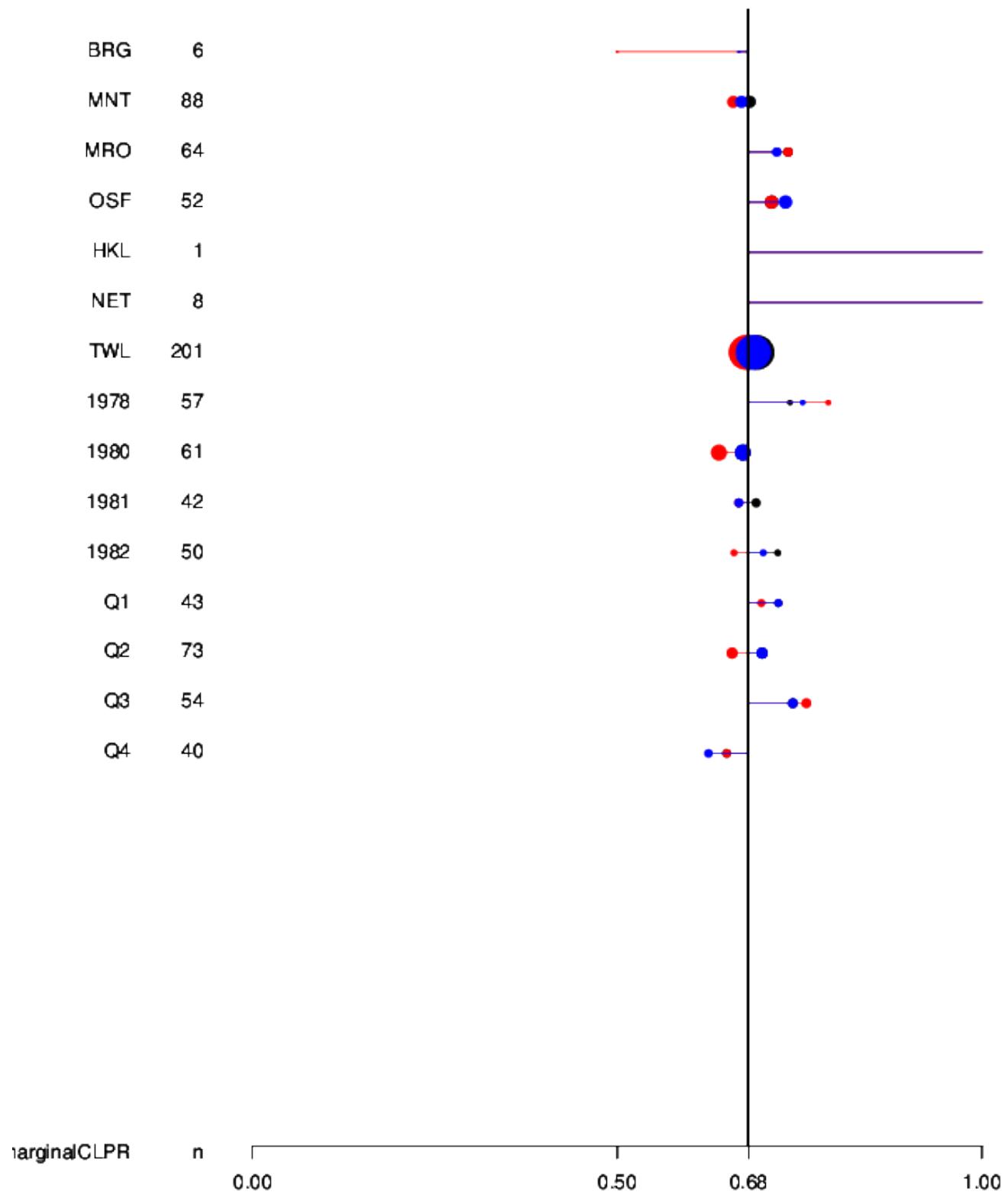


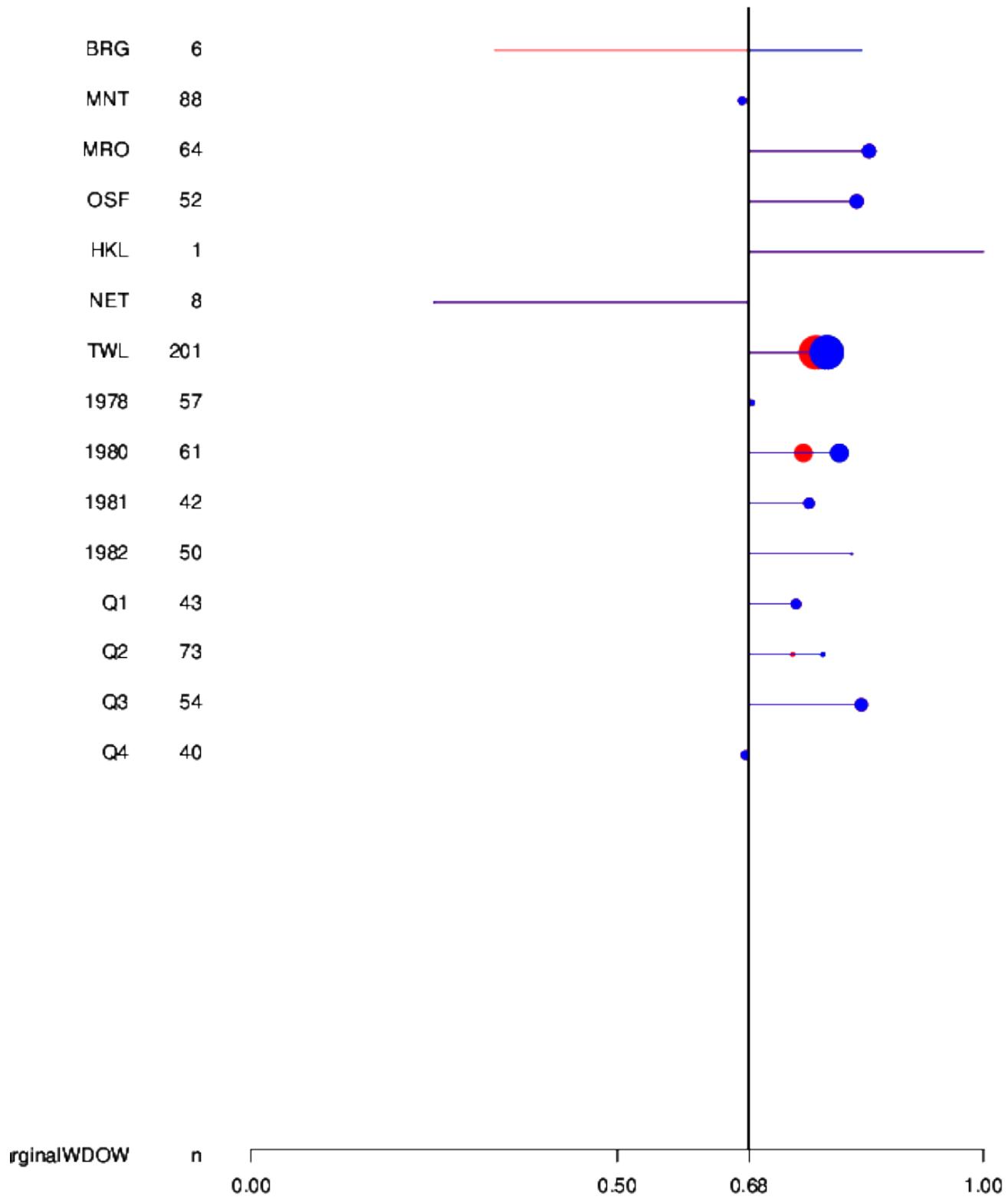
2.3 MCAT 253 Time Models

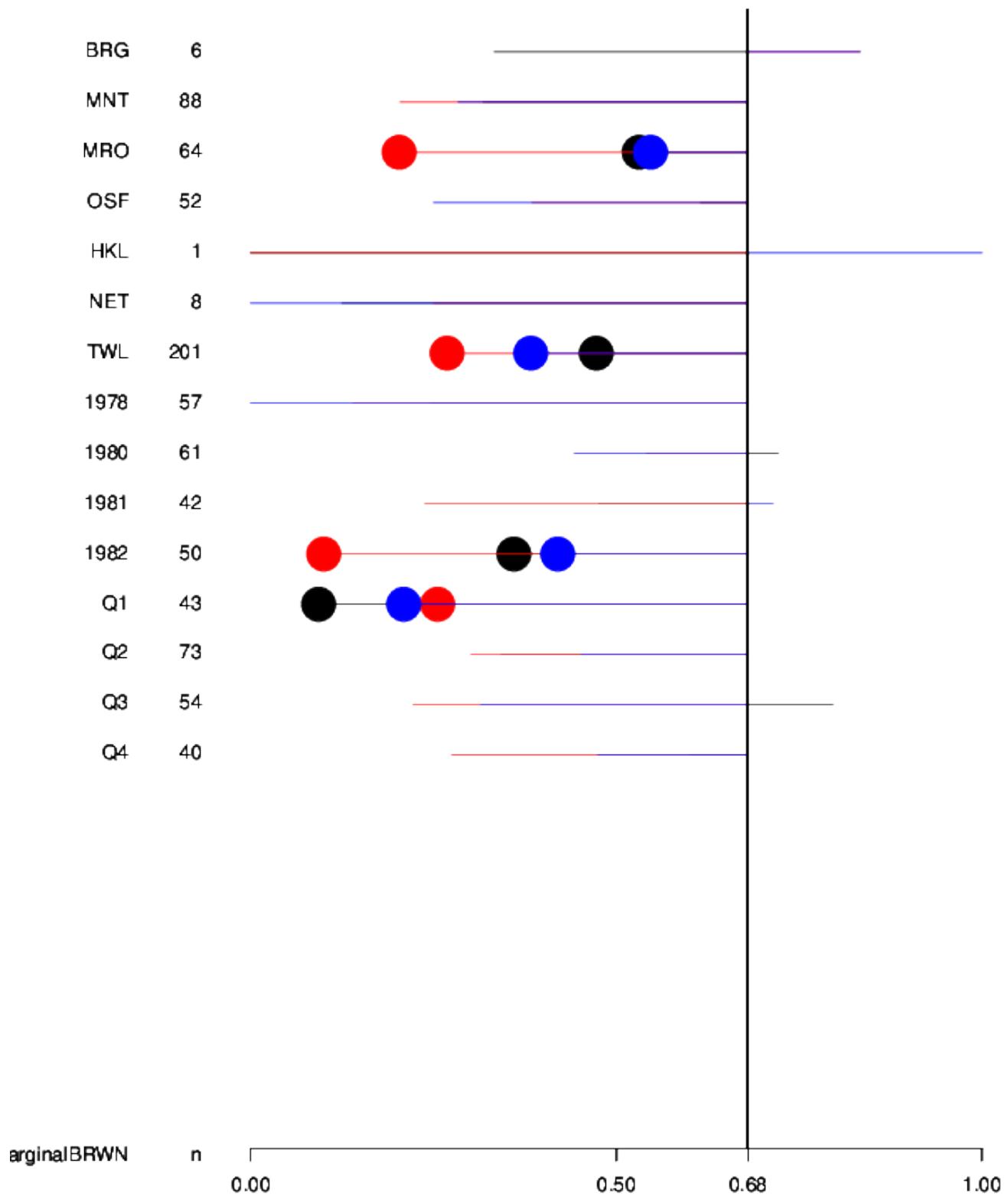
	M1	M2	M3	M4	M5	M6
Δ DIC	1409.81	0.09	0.1	0.07	0.05	0
Δ WAIC	1391.66	0.16	0.18	0	0.13	0.08
$pr(M y)$	0	0	0	1	0	0

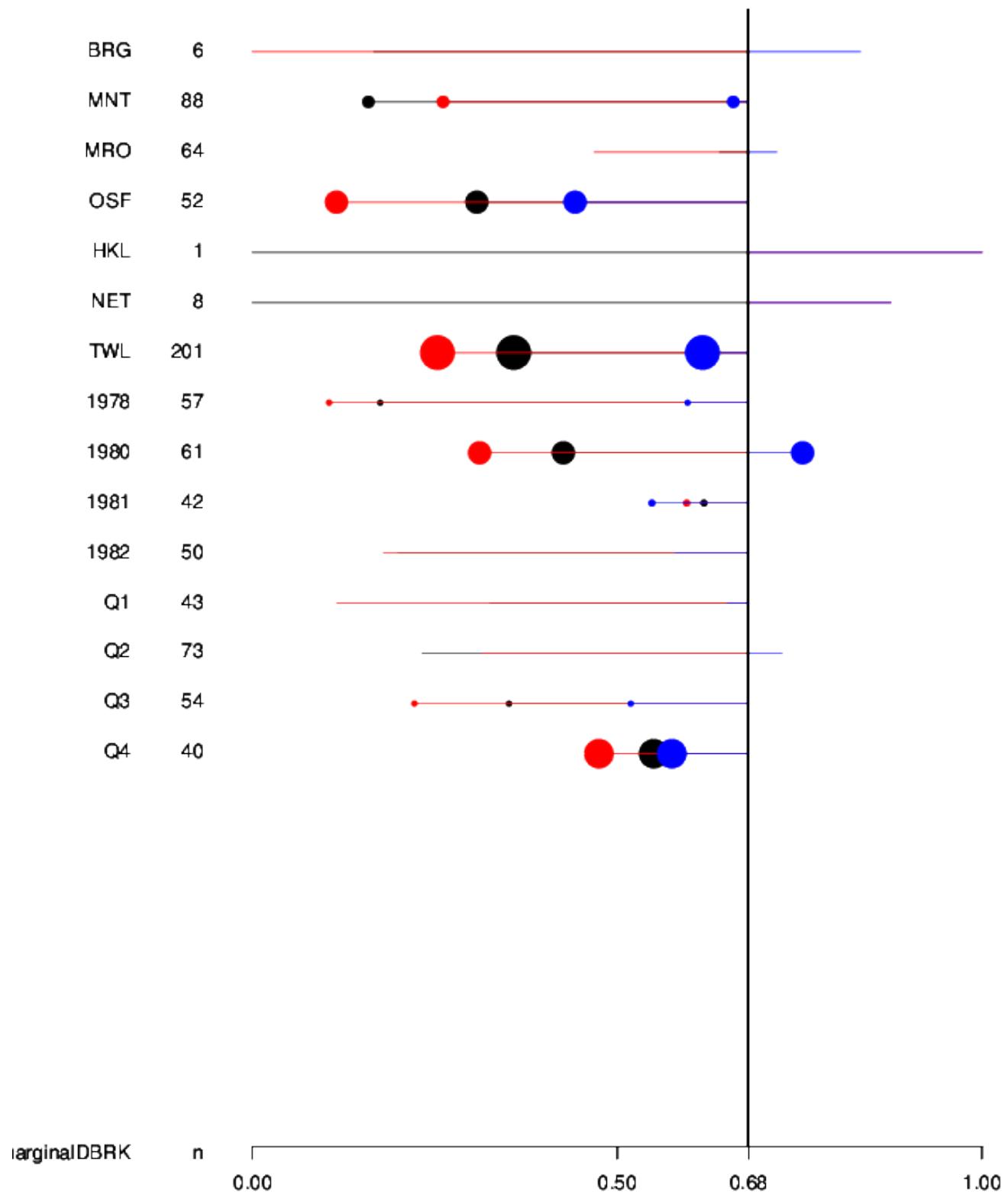
2.4 M4, M5, M6 Comparision







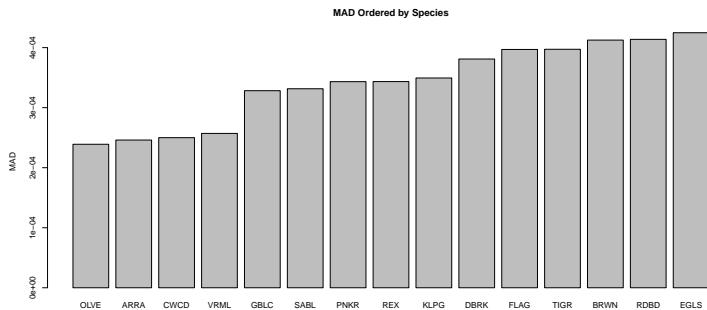
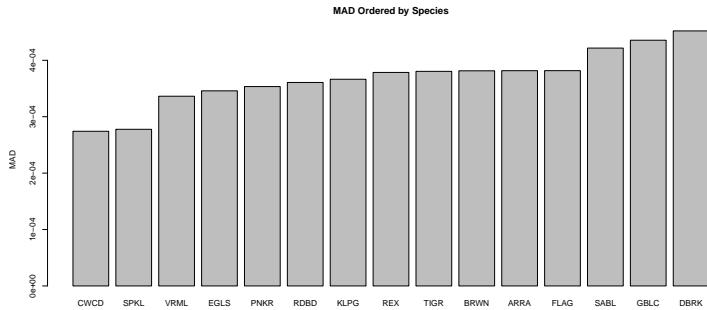
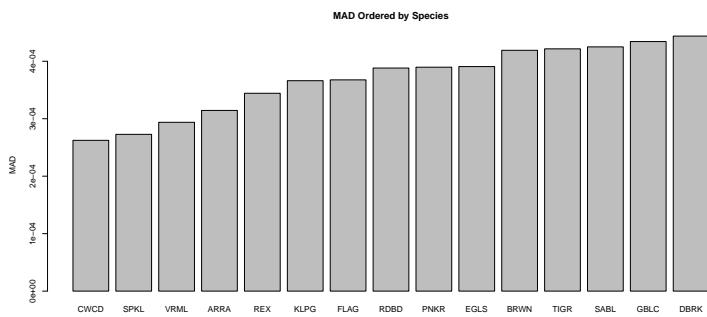


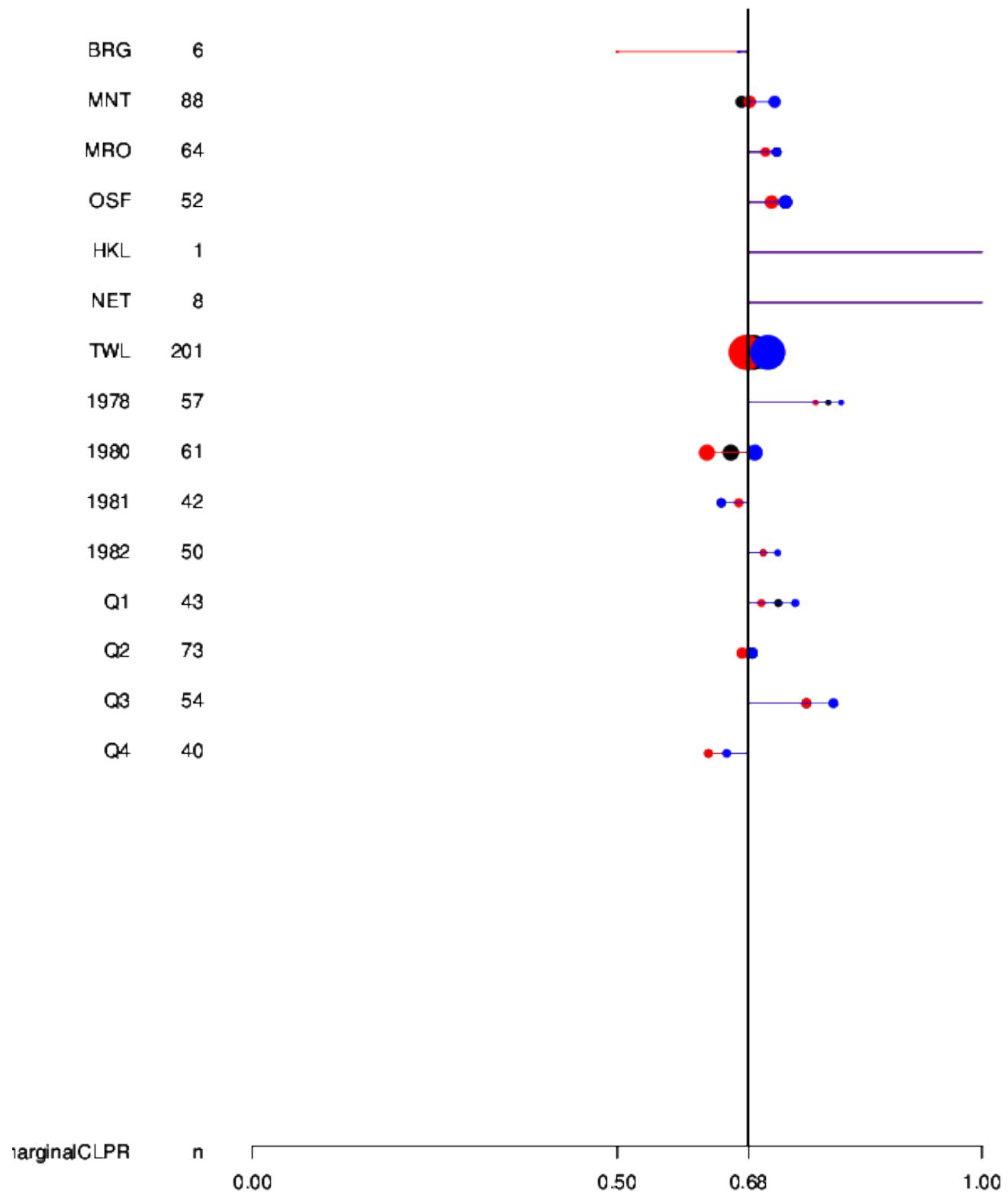


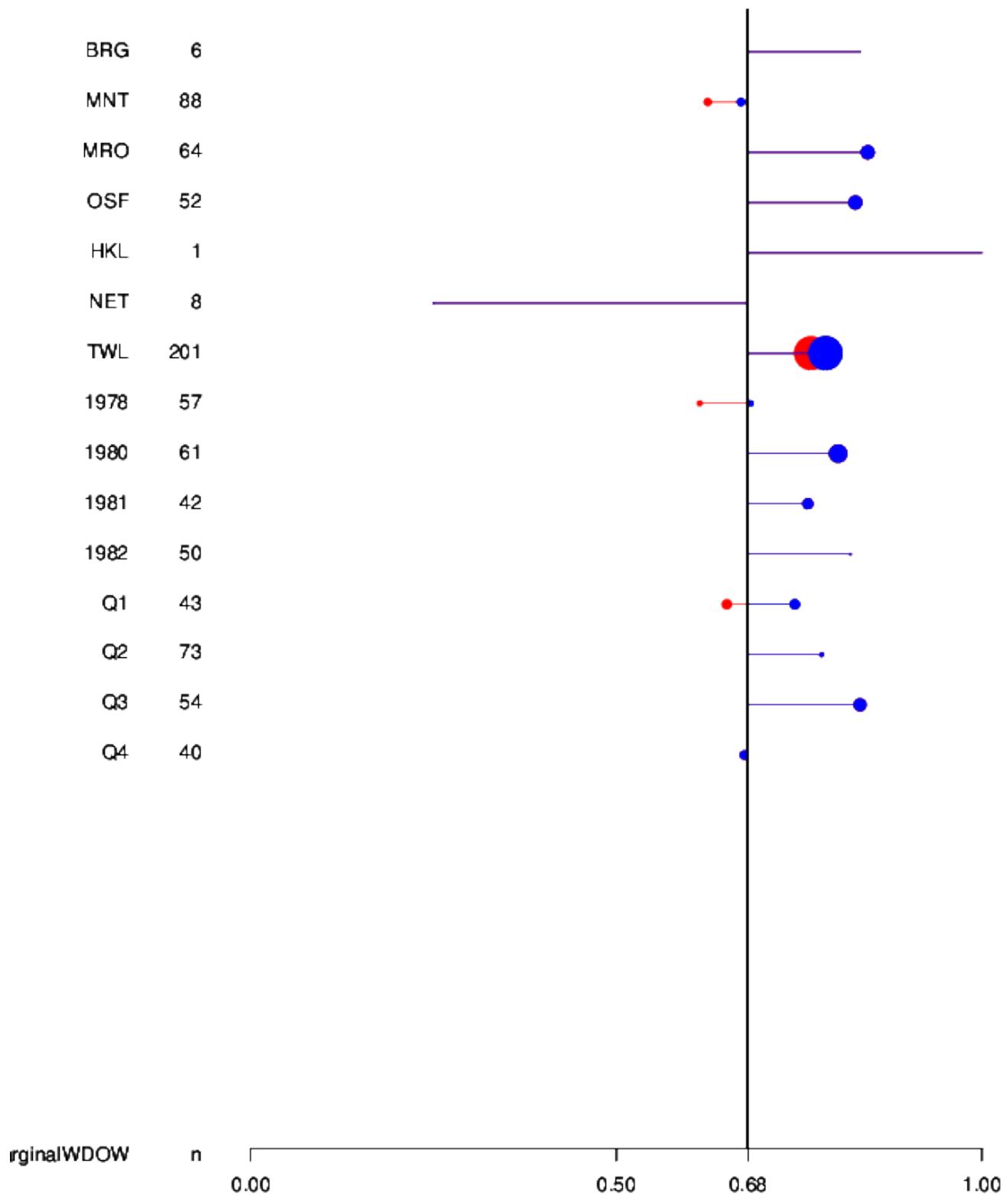
2.5 MCAT 253 Priors

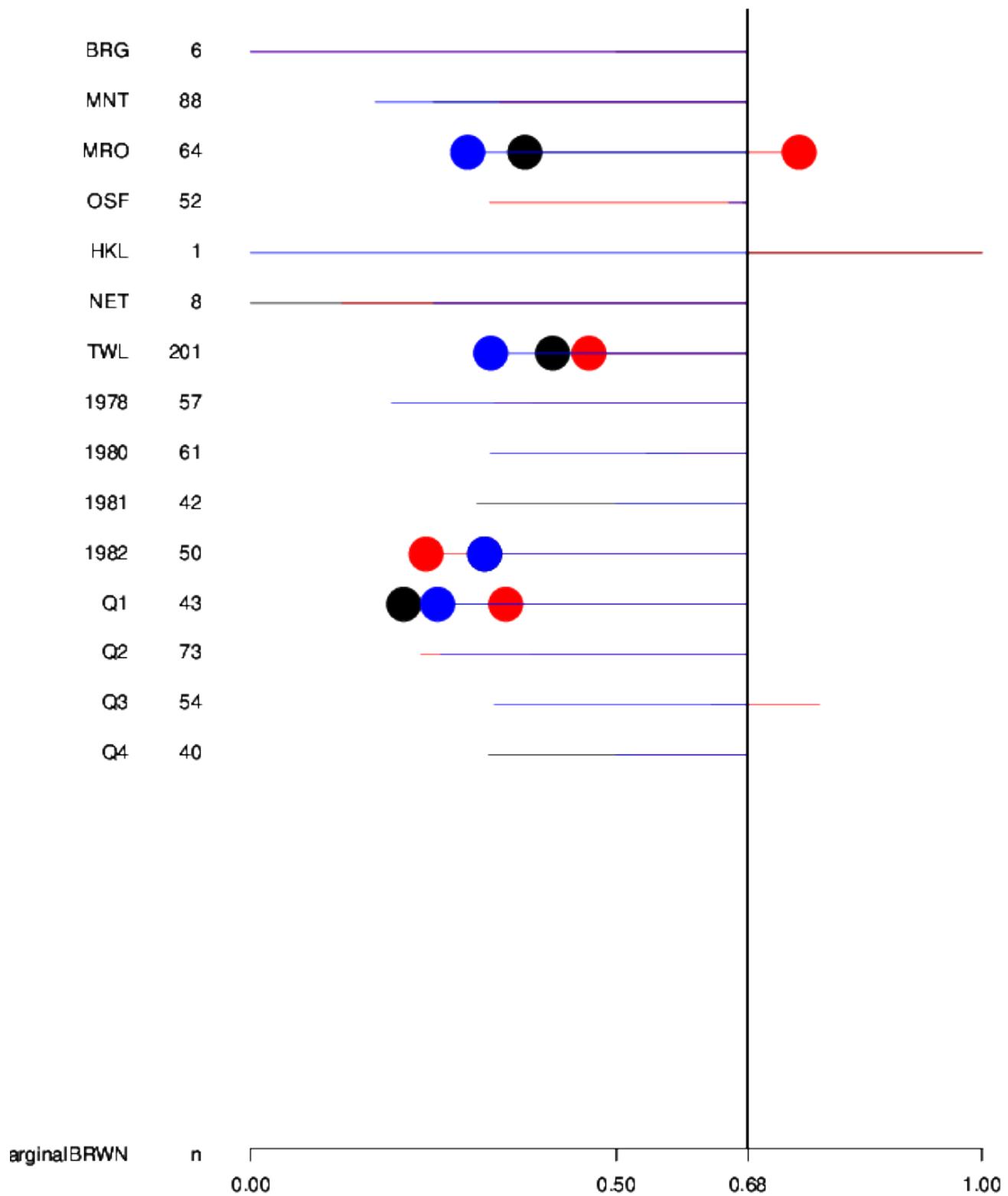
	M4HC1	M4HC3	M4U4
Δ DIC	0.8	0.8	0
Δ WAIC	0.83	0.83	0
$pr(M y)$	1	0	0

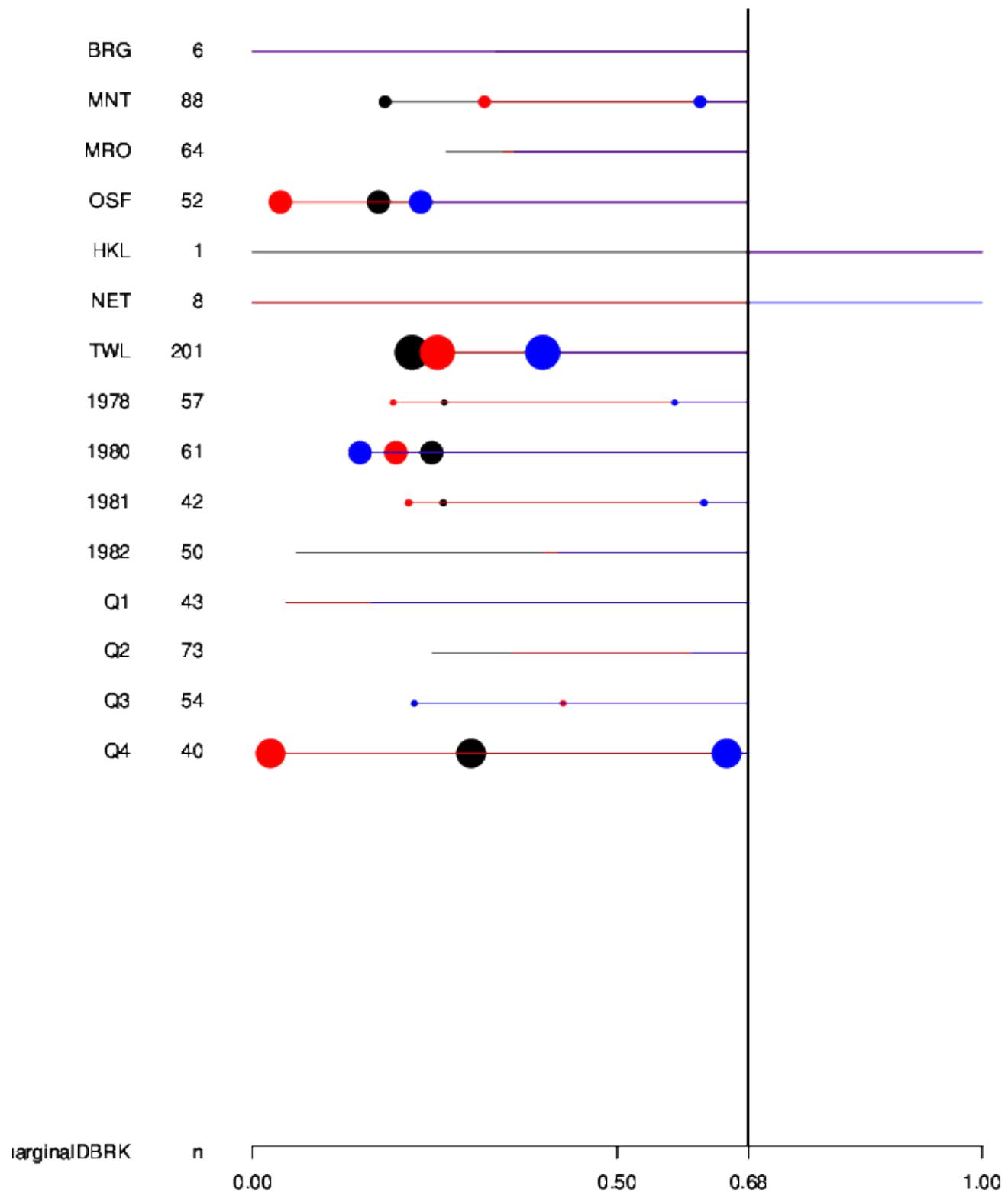
2.5.1 M4HC1, M4HC3, M4U4 Comparision







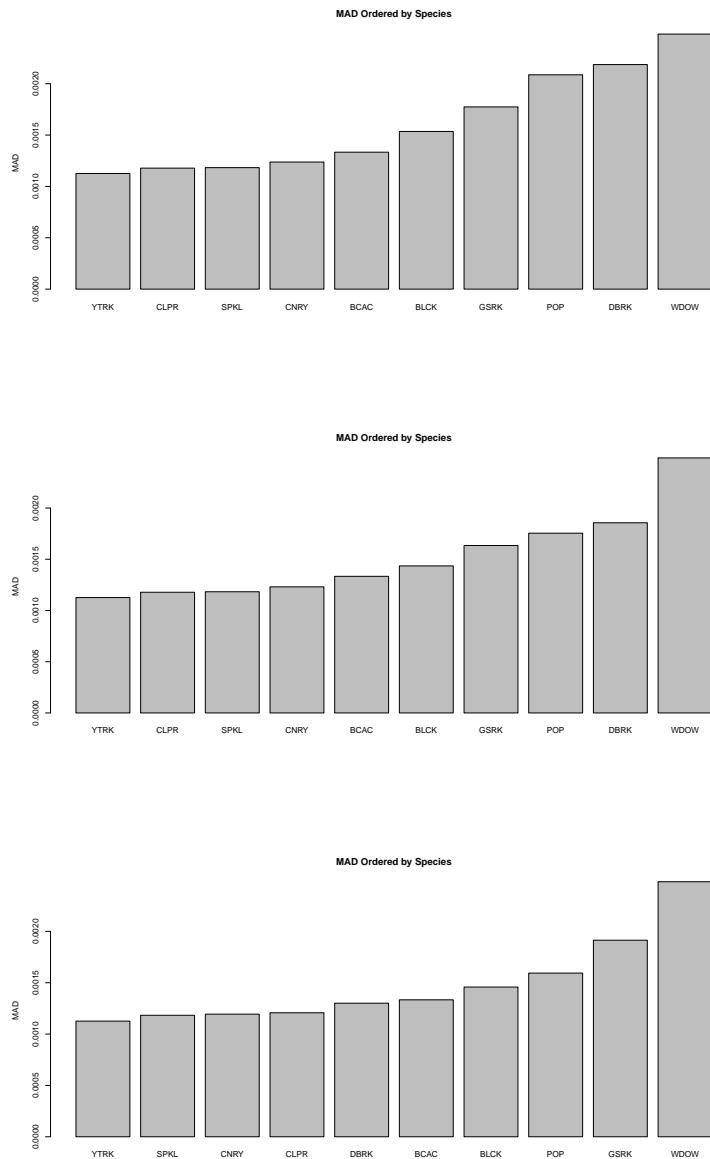


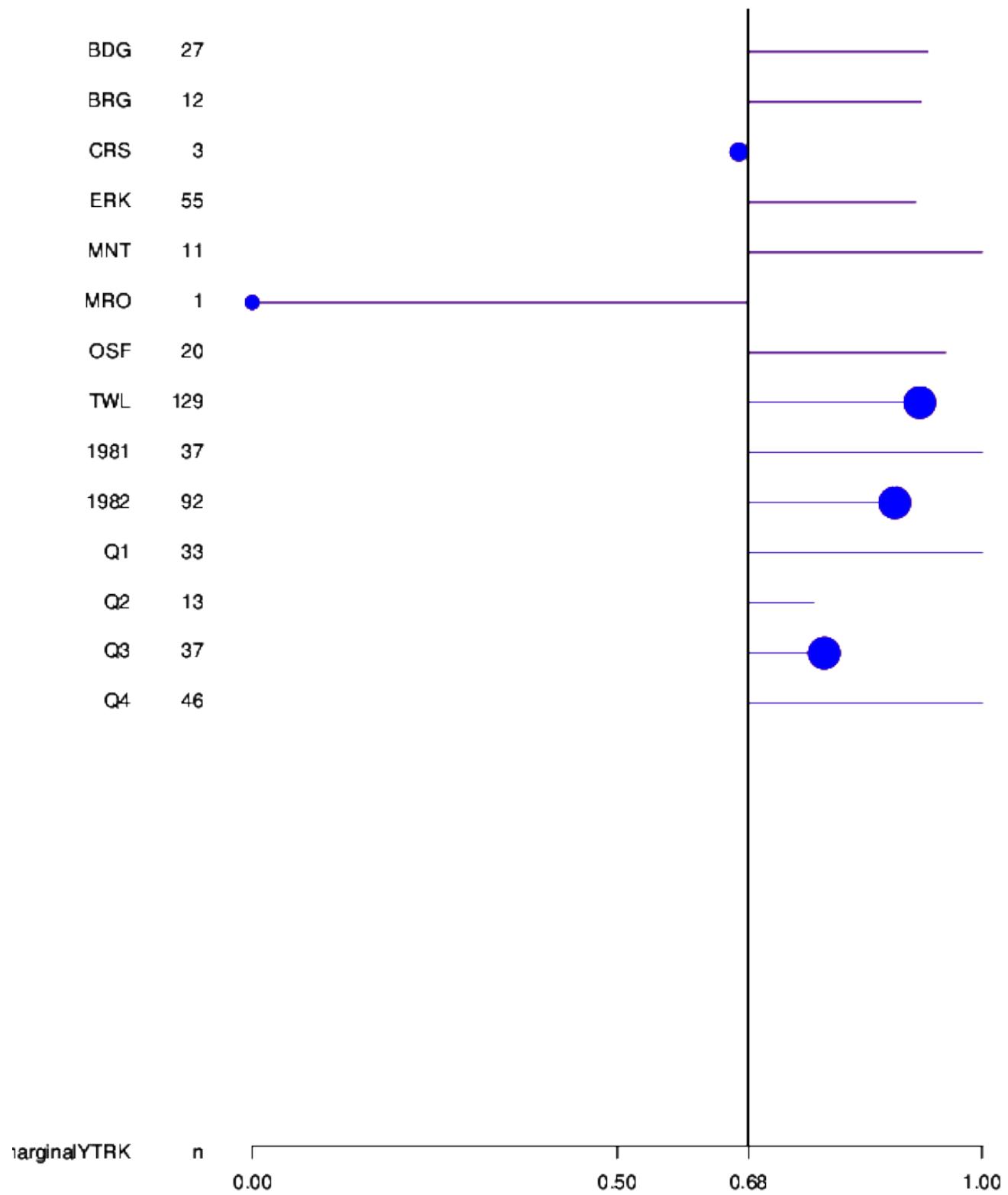


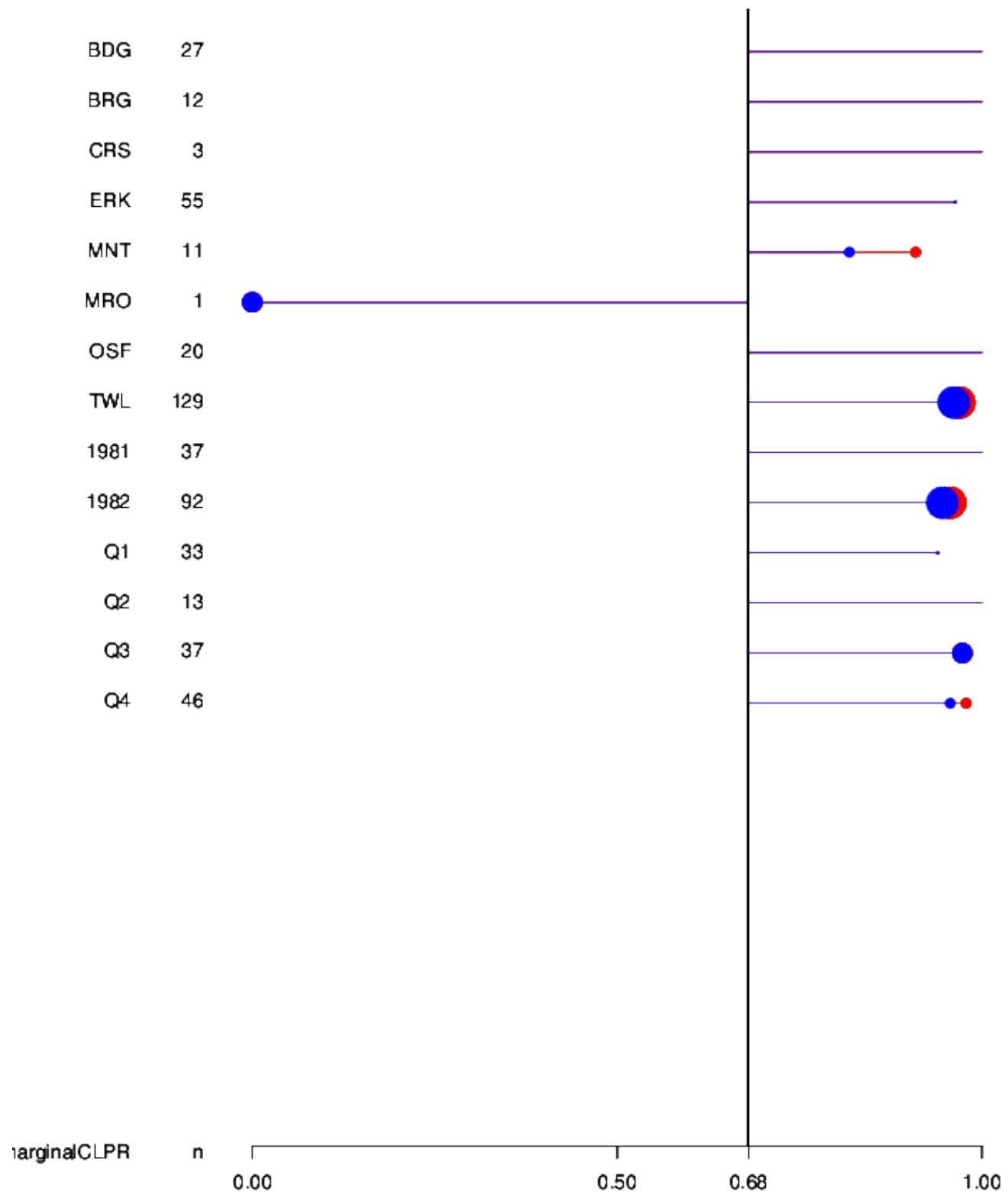
2.6 MCAT 269 Time Models

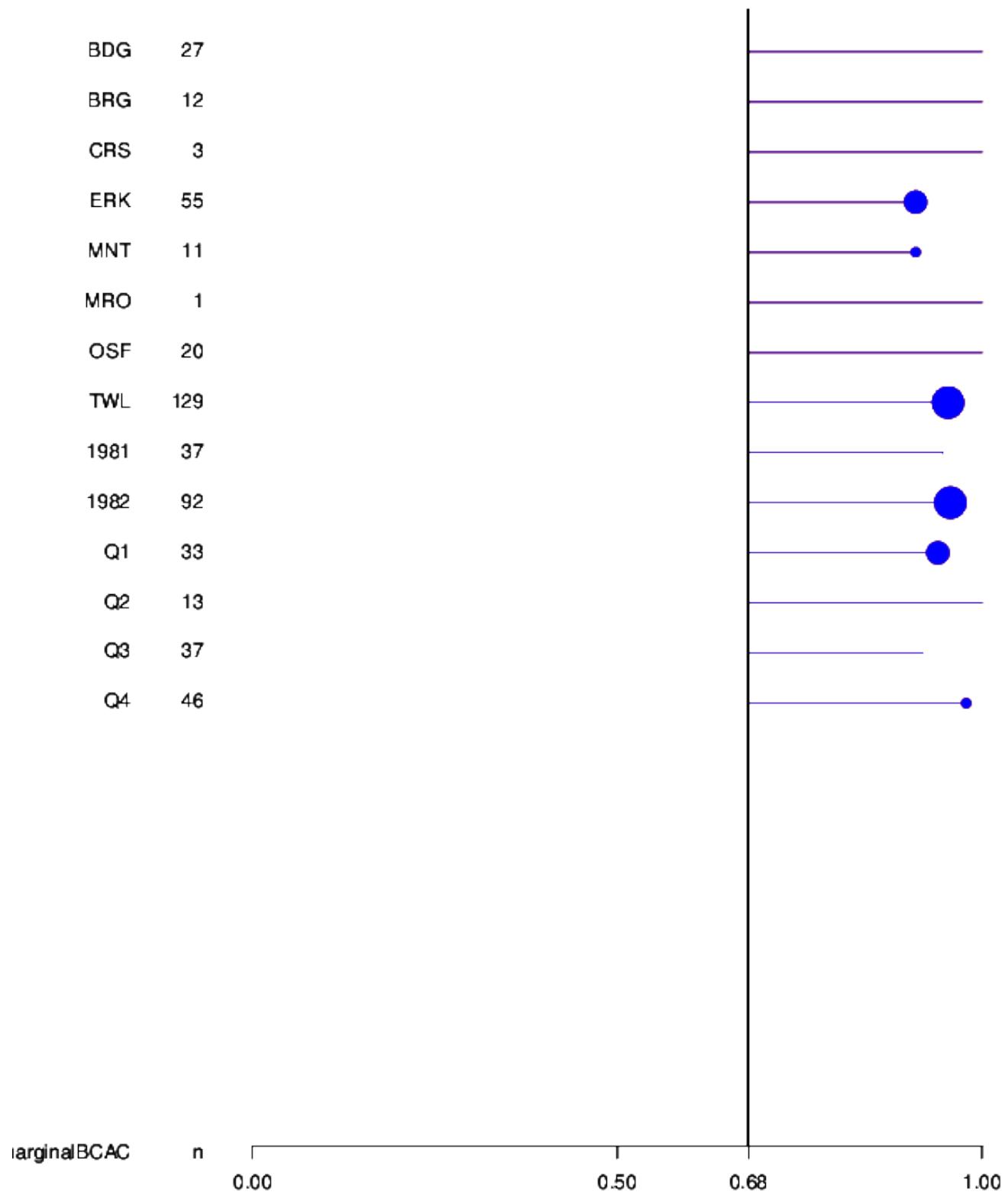
	M1	M2	M3	M4	M5	M6
$\Delta \text{ DIC}$	572.51	176.63	599.41	0.57	0	193.35
$\Delta \text{ WAIC}$	427.48	69.37	454.41	0.23	0	78.07
$pr(M y)$	0	0	0	0	0	1

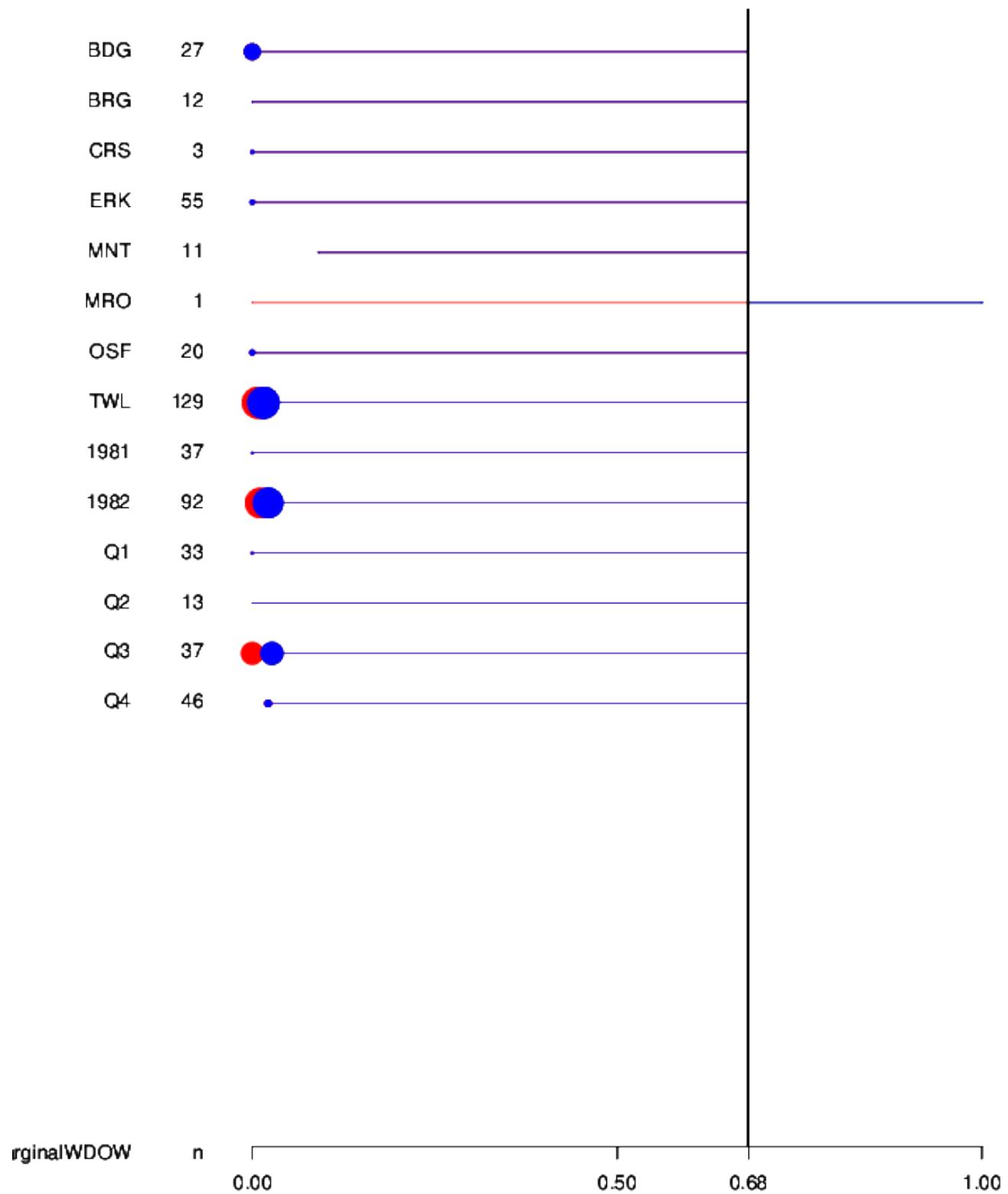
2.6.1 M4, M5, M6 Comparision











2.7 MCAT 269 Priors

	M4HC1	M4HC3	M4U4
Δ DIC	176.33	0.2	0
Δ WAIC	69.19	0.08	0
$pr(M y)$	1	0	0

2.7.1 M4HC1, M4HC3, M4U4 Comparision

