A/ M angle distribution and mean for different S angle
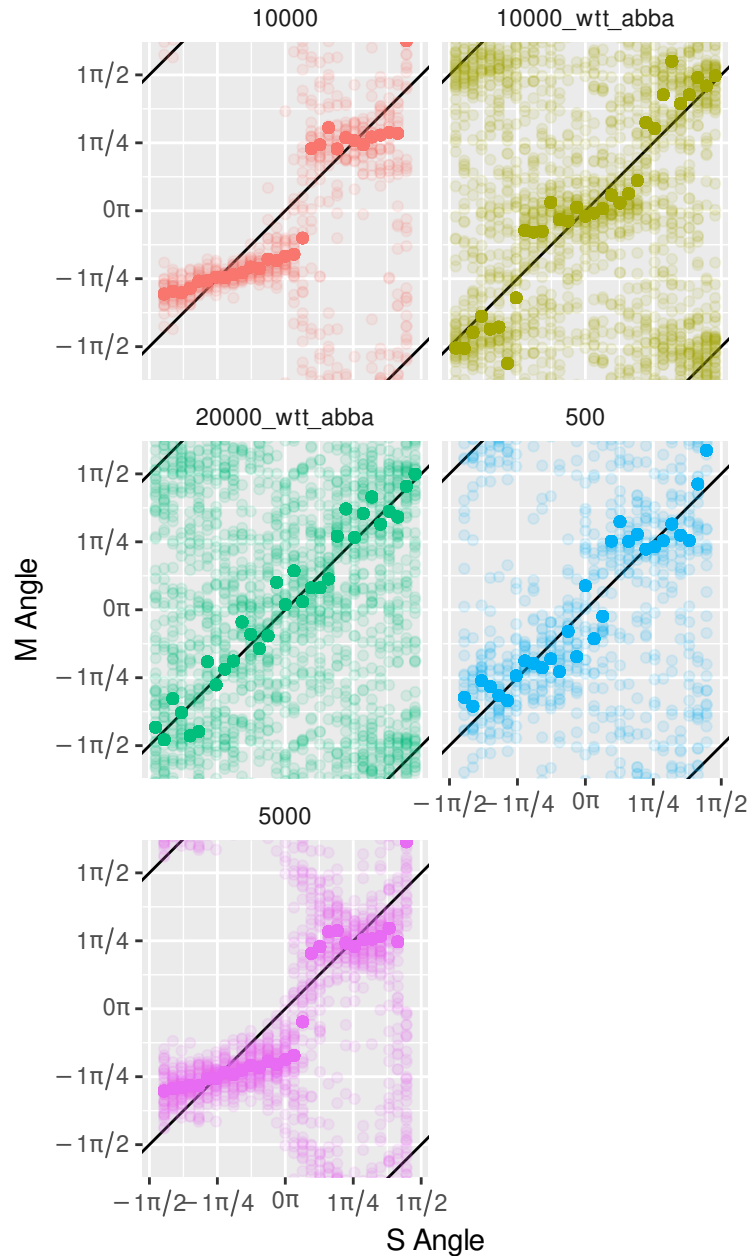
Population	sq_rho	standard deviation	Xi_alph...
10000	0.2352	0.4911	0.7140
10000_wtt_abba	0.5042	0.5231	0.3869
20000_wtt_abba	0.5853	0.6133	0.2884
500	0.4030	0.3362	0.5101
5000	0.2690	0.2728	0.6729

Population	sq_rho	standard deviation	Xi_alph...
10000	0.1111	0.4911	0.8650
10000_wtt_abba	0.0978	0.5231	0.8810
20000_wtt_abba	0.0490	0.6133	0.9405
500	0.0833	0.3362	0.8987
5000	0.1150	0.2728	0.8602