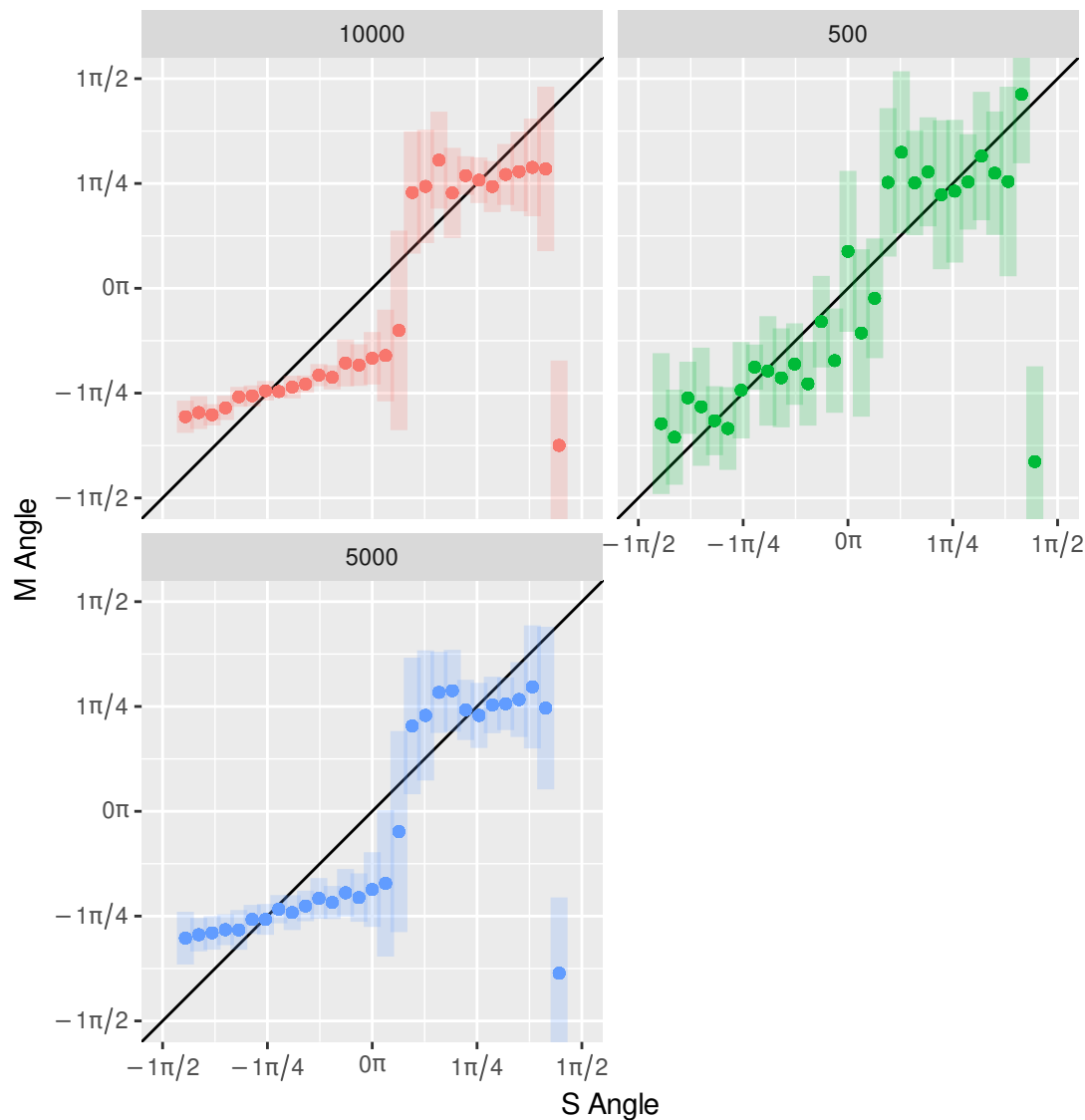


A/ M angle distribution and mean for different S angle



| Population | sq_rho | standard deviation | Xi_alpha |
|------------|--------|--------------------|----------|
| 10000 | 0.2352 | 0.2367 | 0.7140 |
| 500 | 0.4030 | 0.3362 | 0.5101 |
| 5000 | 0.2690 | 0.2728 | 0.6729 |

| Population | sq_rho | standard deviation | Xi_alpha |
|------------|--------|--------------------|----------|
| 10000 | 0.1111 | 0.2367 | 0.8650 |
| 500 | 0.0833 | 0.3362 | 0.8987 |
| 5000 | 0.1150 | 0.2728 | 0.8602 |