

Supplemental Table1. *MAPT* rs242562 A/G and risk of PD, by *GSK3B* rs334558 C/T

| Variable | AA vs. AG+GG | | AA vs. AG+GG | | GG vs. AG+AA | | GG vs. AG+AA | |
|----------------------|-----------------------|--------|-----------------------|--------|------------------------------|---------------|------------------------------|---------------|
| | Crude OR (95% CI) | P | Adjusted OR (95% CI)* | P | Crude OR (95% CI) | P | Adjusted OR (95% CI)* | P |
| Genotype of rs334558 | | | | | | | | |
| CC | 0.655 (0.316 – 1.360) | 0.2566 | 0.643 (0.304 – 1.360) | 0.2484 | 0.775 (0.363 – 1.657) | 0.5114 | 0.797 (0.365 – 1.742) | 0.5696 |
| CT | 1.524 (0.853 – 2.726) | 0.1550 | 1.517 (0.845 – 2.723) | 0.1623 | 0.429 (0.219 – 0.841) | 0.0138 | 0.420 (0.212 – 0.835) | 0.0133 |
| TT | 0.714 (0.142 – 3.600) | 0.6835 | 0.509 (0.085 – 3.038) | 0.4584 | 0.311 (0.087 – 1.109) | 0.0717 | 0.327 (0.079 – 1.356) | 0.1233 |
| CT+TT | 1.421 (0.838 – 2.407) | 0.1918 | 1.384 (0.813 – 2.355) | 0.2310 | 0.440 (0.245 – 0.788) | 0.0058 | 0.470 (0.260 – 0.848) | 0.0122 |