**S4 Table.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | ρg | ρe | ρp |
| Total | **-0.234**  P=0.047 | 0.046  P=0.707 | **-0.102**  P<0.001 |
| Male | -0.089  P=0.732 | -0.126  P=0.185 | **-0.109**  P=0.001 |
| Female | **-0.489**  P=0.018 | 0.507  P=0.094 | **-0.097**  0.006 |