**S4 Table.**

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