**Table S5.** **Associations of rs1986649 *FOXO1* with the severity of UF course and onset of disease**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SNP | Genotypes | N | Me [Q1-Q3] | Kruskal-Wallis-Test (P) | Mann–WhitneyU test: P(FDR) |
|  | Growth of UFs (weeks of gestation/year) |
| rs1986649*FOXO1* | C/C1 | 172 | 0.286 [0; 0.67] | **0.017** | P1-2=0.5 |
| C/T2 | 86 | 0.27 [0; 0.75] | **P1-3=0.006** |
| T/T3 | 13 | 0.545 [0.1; 0.67] | **P2-3=0.006** |
|  | Age of UF diagnosis |
| rs1986649*FOXO1* | C/C1 | 289 | 40 [35; 44] | **0.049** | P1-2=0.487 |
| C/T2 | 139 | 40 [35; 45] | **P1-3=0.015** |
| T/T3 | 18 | 37 [35; 46] | **P2-3=0.035** |

SNP, single nucleotide polymorphism; UF, uterine fibroid; FDR, false discovery rate.