|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Multivariate Analysis** | **Age of onset** | **Gender** | **Exon** | | **Family History** |
| p=0.946  B=-0.1  95% CI= (-2.9 , 2.7) | **p<0.001**  **B=0.6**  **95% CI= (0.3 , 0.8)** | | **p=0.002**  **B=6.6**  **95% CI= (2.2 , 9.9)** |
| **Pathogenicity score (quantitative variable)** | | **Cysteine** | |
| **p=0.004**  **B=-0.4**  **95% CI= (-0.7 , -0.1)** | | p=0.102  B=-5.2  95% CI= (-11.5 , 1.0) | |
| Multiple linear regression  Β=Beta Coefficient  CI=Confidence Interval  Model, p-value<0.001  Bonferroni's method: new threshold of significance p-value=0.01 | | | | |

**Table e-1:**Multivariate analysis showing the association of age of onset and various clinical and genetic factors.