|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Multivariate Analysis** | **Age of onset** | **Gender** | **Exon** | **Family History** |
| p=0.946B=-0.195% 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=0.102B=-5.295% CI= (-11.5 , 1.0) |
| Multiple linear regressionΒ=Beta CoefficientCI=Confidence IntervalModel, p-value<0.001Bonferroni'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.