|  |  |  |  |
| --- | --- | --- | --- |
| **Analysis of Variance (ANOVA)** | | | |
| **p<0.001** | | | |
| **Multiple Comparisons-Post Hoc Tests** | | | |
| (I) Phenotype severity | (J) Phenotype severity | Mean Difference-age  (I-J) with 95% CI | Sig. |
| phenotype 1  (migraine) | phenotype 2 (Migraine and stroke or stroke only) | -0.987 (-5.84 , 3.87) | 0.999 |
| phenotype 3 (migraine+stroke+psych.dis+cogn.dicl.) | -9.552 (-14.39 , -4.71) | <0.001 |
| phenotype 2  (Migraine and stroke or stroke only) | phenotype 1 (migraine) | 0.987 (-3.87 , 5.84) | 0.999 |
| phenotype 3 (migraine+stroke+psych.dis+cogn.dicl.) | -8.565(-11.48 , -5.65) | <0.001 |
| phenotype 3 (migraine+stroke+psych.dis+cogn.dicl.) | phenotype 1 (migraine) | 9.552 (4.71 , 14.39) | <0.001 |
| phenotype 2 (Migraine and stroke or stroke only) | 8.565(5.65 , 11.48) | <0.001 |
| Analysis of Variance (ANOVA)  CI=Confidence Interval  Bonferroni correction: The mean difference is significant at the 0.01 level. | | | |

**Table e-2:** ANOVA showing the association of phenotype severity and age and Multiple Comparisons-Post Hoc Tests showing the difference of age between phenotypes.