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| **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 IntervalBonferroni 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.