X^2=∑(Obs-exp)^2/exp

Chi Sq Test Table for every variables Vs Class

|  |  |  |  |
| --- | --- | --- | --- |
| Varriable Name | X-squared Value | Degree Of Freedom(df) | p-value |
| A1 | 265.34 | 1 | < 2.2e-16 |
| A2 | 224.39 | 1 | < 2.2e-16 |
| A3 | 175.12 | 1 | < 2.2e-16 |
| A4 | 266.83 | 1 | < 2.2e-16 |
| A5 | 332 | 1 | < 2.2e-16 |
| A6 | 339.26 | 1 | < 2.2e-16 |
| A7 | 331.75 | 1 | < 2.2e-16 |
| A8 | 190.46 | 1 | < 2.2e-16 |
| A9 | 348.82 | 1 | < 2.2e-16 |
| A10 | 33.301 | 1 | = 7.894e-09 |
| Age\_Mons | 56.625 | 24 | = 0.0001883 |
| Sex | 14.044 | 1 | = 0.0001786 |
| Ethnicity | 43.571 | 10 | = 3.93e-06 |
| Jauundice | 5.427 | 1 | = 0.01983 |
| Family\_ASD | 0.12094 | 1 | **= 0.728** |
| Who.completed.the.test | 1.3554 | 2 | **= 0.5078** |