**Supplemental Table 1: Wilks' Lamda in testing of functions derived from discriminant analysis on principal components (DAPC)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test of Function(s)** | **Wilks' Lambda** | **Chi-square** | **Degrees of freedom** | **Significance (p<0.05)** |
| 1 through 6 | 0.02 | 485.35 | 204 | 0.00 |
| 2 through 6 | 0.06 | 356.79 | 165 | 0.00 |
| 3 through 6 | 0.14 | 248.93 | 128 | 0.00 |
| 4 through 6 | 0.30 | 153.77 | 93 | 0.00 |
| 5 through 6 | 0.53 | 80.41 | 60 | 0.04 |