**WG#719 CES-D Trajectory Groups Supplemental Tables**

**1/11/2017**

Table 1.Model Selection Results – Estimated Group Membership Probability

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **No. of Groups** | **BIC** | **2(∆BIC)** | **Estimated Group Membership Probability (estimated % in each group)** | | | | | | | |  |
|  |  |  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** |
| **1** | -114275.2 | NA | 100.0 |  |  |  |  |  |  |  |  |
| **2** | -108683.7 | 11183 | 75.0 | 25.0 |  |  |  |  |  |  |  |
| **3** | -106643.7 | 4080 | 46.3 | 40.8 | 12.9 |  |  |  |  |  |  |
| **4** | -105897.5 | 1492 | 36.3 | 41.8 | 16.4 | 5.5 |  |  |  |  |  |
| **5** | -105579.4 | 636 | 19.9 | 38.5 | 26.9 | 11.1 | 3.6 |  |  |  |  |
| **6** | -105393.3 | 372 | 18.4 | 37.7 | 25.3 | 5.0 | 9.9 | 3.7 |  |  |  |
| **7** | -105231.8 | 323 | 12.7 | 35.3 | 28.5 | 5.8 | 5.2 | 10.8 | 1.7 |  |  |
| **8** | -105111.2 | 241 | 14.5 | 35.7 | 24.8 | 5.0 | 4.4 | 4.7 | 9.3 | 1.6 |  |
| **9** | -105028.3 | 166 | 10.4 | 8.9 | 8.8 | 32.7 | 27.2 | 5.5 | 3.1 | 2.4 | 0.9 |

Table 2.Model Selection Results –Average Posterior Probability

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **No. of Groups** | **BIC** | **2(∆BIC)** | **Average Posterior Probability (estimated % for each group)** | | | | | | | |  |
|  |  |  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** |
| **1** | -114275.2 | NA | 1.00 |  |  |  |  |  |  |  |  |
| **2** | -108683.7 | 11183 | 0.97 | 0.95 |  |  |  |  |  |  |  |
| **3** | -106643.7 | 4080 | 0.92 | 0.90 | 0.94 |  |  |  |  |  |  |
| **4** | -105897.5 | 1492 | 0.90 | 0.87 | 0.89 | 0.93 |  |  |  |  |  |
| **5** | -105579.4 | 636 | 0.86 | 0.81 | 0.84 | 0.88 | 0.91 |  |  |  |  |
| **6** | -105393.3 | 372 | 0.86 | 0.80 | 0.81 | 0.85 | 0.87 | 0.89 |  |  |  |
| **7** | -105231.8 | 323 | 0.85 | 0.80 | 0.80 | 0.82 | 0.86 | 0.79 | 0.89 |  |  |
| **8** | -105111.2 | 241 | 0.85 | 0.79 | 0.76 | 0.75 | 0.85 | 0.87 | 0.79 | 0.89 |  |
| **9** | -105028.3 | 166 | 0.85 | 0.77 | 0.74 | 0.79 | 0.73 | 0.80 | 0.76 | 0.87 | 0.94 |