**Supplementary Table 1**. Performance characteristics of 7 different cluster solutions obtained from latent class analysis of long-term symptom profiles in 2083 patients with functional gastrointestinal disorders

The optimal model was considered as the cluster solution with lowest possible AIC and BIC, while retaining at least 5% of the total patient sample (n=2083) in the smallest cluster; these criteria were fulfilled for cluster 6 (bold text).

|  |  |  |  |
| --- | --- | --- | --- |
| **Number of clusters** | **AIC** | **BIC** | **Smallest sample size, n (%)\*** |
| 2 | 41061.52 | 41270.26 | 865 (42) |
| 3 | 40744.66 | 41060.59 | 357 (17) |
| 4 | 40597.74 | 41020.86 | 366 (18) |
| 5 | 40419.04 | 40943.70 | 115 (6) |
| **6** | **40298.46** | **40935.95** | **117 (6)** |
| 7 | 40278.27 | 41022.96 | 115 (6) |
| 8 | 40238.26 | 41090.13 | 129 (6) |

\*Number of patients (%) in the smallest cluster.

AIC; Akaike's information criterion, BIC; Bayesian information criterion