# Supplementary Table 2 – Cluster Descriptions

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| Cluster | # Rows | Top 5 ICD-10 Codes with Semantic Terms |
| F0 (female) | 187 | • F603 (30): borderline\_personality\_disorder • F1210 (25): suicidal\_ideations • R45851 (24): personality\_disorder,\_unspecified • F609 (22): cannabis\_abuse,\_uncomplicated • F17210 (22): major\_depressive\_disorder,\_single\_episode,\_unspecified |
| F1 (female) | 310 | • F17210 (96): nicotine\_dependence,\_cigarettes,\_uncomplicated • F1210 (92): cannabis\_abuse,\_uncomplicated • F603 (35): borderline\_personality\_disorder • F1220 (33): conduct\_disorder,\_unspecified • F919 (30): cannabis\_use,\_unspecified,\_uncomplicated |
| F2 (female) | 322 | • F1210 (65): borderline\_personality\_disorder • F603 (60): cannabis\_abuse,\_uncomplicated • F17210 (54): nicotine\_dependence,\_cigarettes,\_uncomplicated • F1220 (33): personality\_disorder,\_unspecified • F609 (32): alcohol\_abuse,\_uncomplicated |
| F3 (female) | 296 | • F603 (49): adjustment\_disorder\_with\_mixed\_disturbance\_of\_emotions\_and\_conduct • F4325 (48): borderline\_personality\_disorder • R45851 (40): suicidal\_ideations • F1210 (27): major\_depressive\_disorder,\_single\_episode,\_unspecified • F17210 (23): oppositional\_defiant\_disorder |
| F4 (female) | 378 | • F17210 (104): nicotine\_dependence,\_cigarettes,\_uncomplicated • F1210 (92): cannabis\_abuse,\_uncomplicated • F603 (65): borderline\_personality\_disorder • F609 (37): personality\_disorder,\_unspecified • F919 (33): conduct\_disorder,\_unspecified |