**BIONIC Phenotype data-collection**

For studies that did not take part in the BIONIC data collection, it is possible to participate in BIONICs’ genetic data analysis. In addition to genetic data, the following phenotype data is requested:

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| **Sociodemographic and health characteristics** | | | |
| **Variable label** | **Description** | **Coding** | **Remarks** |
| sex | Sex | 1=male  2=female  3=other |  |
| age | Age in years | (continuous variable) | Age at collection of phenotype data |
| bmi | Body mass index in kg/m² | (continuous variable) | BMI at collection of phenotype data |
| **Depression data** | | | |
| **Variable label** | **Description** | **Coding** | **Remarks** |
| mdd\_lft | Lifetime MDD diagnosis | 0=no  1=yes | Based on DSM criteria using CIDI or MINI interview or LIDAS |
| mdd01 | MDD – DSM symptom 1: depressed mood | 0=no  1=yes | Symptom present for at least 2 weeks, almost every day, most of the day |
| mdd02 | MDD – DSM symptom 2: decreased interest or pleasure | 0=no  1=yes | Symptom present for at least 2 weeks, almost every day, most of the day |
| mdd03a | MDD – DSM symptom 3: weight change - decrease | 0=no  1=yes | Presence of symptom in most severe period. (If unavailable, use most recent episode. Similar for items below) |
| mdd03b | MDD – DSM symptom 3: weight change - increase | 0=no  1=yes | Presence of symptom in most severe period |
| mdd03c | MDD - DSM symptom 3: appetite change - decrease | 0=no  1=yes | Presence of symptom in most severe period |
| mdd03d | MDD - DSM symptom 3: appetite change - increase | 0=no  1=yes | Presence of symptom in most severe period |
| mdd04a | MDD – DSM symptom 4: change in sleep - decrease | 0=no  1=yes | Presence of symptom in most severe period |
| mdd04b | MDD – DSM symptom 4: change in sleep: increase | 0=no  1=yes | Presence of symptom in most severe period |
| mdd05a | MDD – DSM symptom 5: psychomotor retardation | 0=no  1=yes | Presence of symptom in most severe period |
| mdd05b | MDD – DSM symptom 5: psychomotor agitation | 0=no  1=yes | Presence of symptom in most severe period |
| mdd06 | MDD – DSM symptom 6: fatigue or loss of energy | 0=no  1=yes | Presence of symptom in most severe period |
| mdd07 | MDD – DSM symptom 7: guilt or worthlessness | 0=no  1=yes | Presence of symptom in most severe period |
| mdd08 | MDD – DSM symptom 8: lack of concentration or indecisiveness | 0=no  1=yes | Presence of symptom in most severe period |
| mdd09 | MDD – DSM symptom 9: suicidality | 0=no  1=yes | Presence of symptom in most severe period |
| mdd10 | MDD – DSM functioning: did these periods interfere with own work, taking care of house/family/yourself? | 0=no  1=yes | This needs to be positive to diagnose MDD (Fedko et al. 2020) |
| mdd\_diag\_sr | Ever received diagnosis of depression? Self-report item | 0=no  1=yes | Included in algorithm paper Bot et al 2016 |
| mdd\_treat\_sr | Ever received treatment of depression? Self-report item | 0=no  1=yes | Included in algorithm paper Bot et al 2016 |
| antidep | Ever received antidepressant medication? | 0=no  1=yes | Included in algorithm paper Bot et al 2016 |
| bipolar | Ever diagnosed with bipolar disorder? | 0=no  1=yes, but only self-report  2=yes, diagnosed | Based on DSM criteria using CIDI, MINI or other DSM-based structured interview, or LIDAS. Can be used to select the control group |
| anxiety | Ever diagnosed with anxiety disorder? | 0=no  1=yes, but only self-report  2=yes, diagnosed | Based on DSM criteria using CIDI, MINI or other DSM-based structured interview, or LIDAS. Can be used to select the control group |