

Figure 1 Variable names, definitions and data sources

| Variable                  | Definition  | Data source |
|---------------------------|---|-------------|
| SMI status                | Recorded on the QOF Mental Health register with a diagnosis of schizophrenia, bipolar affective disorder and other psychoses  | LDN         |
| Gender                    | Male /female  | LDN         |
| Age                       | Date of extraction - date of birth (years)  | LDN         |
| Deprivation               | Index of Multiple deprivation 2010 score (quintiles)  | LDN<br>ONS  |
| Primary care consultation | Mean annual number of GP face-to-face, telephone and home visits and nurse consultations between October 2010-2013  | LDN         |
| Breast cancer screening   | Read code indicating breast cancer screen (mammography) & date of last screen   | LDN         |
| Cervical cancer screening | Read code indicating cervical cancer screen (smear) & date of last screen   | LDN         |
| SMI diagnosis             | ICD-10 diagnostic code (primary and secondary diagnosis)  | CRIS        |
| Depot injectable          | Ever recorded as prescribed depot injectable antipsychotic  | CRIS        |
| SMI severity              | Any record of a mental health inpatient stay, treatment under the Mental Health Act, difficulty managing their physical health as recorded in a clinical risk assessment; or contact with Assertive Outreach, Crisis team or A&E liaison team | CRIS        |
| SMI risk                  | Ever recorded with a history of violence, non-compliance, or a forensic history (on the risk assessment violence and aggression subscale)   | CRIS        |

Notes. SMI=Serious Mental Illness; QOF = Quality and Outcomes Framework; LDN = Lambeth DataNet; CRIS = Clinical Record Interactive Search; ONS = Office for National Statistics; ICD-10 = International Statistical Classification of Diseases (2010).