## Electronic Web Appendix; clinical codes for each outcome measure

Table 1

Clinical codes for the diagnosis of depression recognised by the UK Quality and Outcomes

Framework

| Descriptor   | Clinical code |
|--|---------------|
| [X] Depression recurrent: [unspecified] or [monopolar NOS]   | Eu33z         |
| [X](Depressn: [episode unsp][NOS (& react)][depress dis NOS] | Eu32z         |
| [X]Depress with psych sympt: [recurr: (named vars)][endogen] | Eu333         |
| [X]Depression: [oth episode][atypic][single epis masked NOS] | Eu32y         |
| [X]Depressive episode, unspecified                           | XE1Zb         |
| [X]Depressn, no psych symp: [recurr: (named var)]/[endogen]  | Eu332         |
| [X]Mild depressive episode                                   | Eu320         |
| [X]Moderate depressive episode                               | Eu321         |
| [X]Other depressive episodes                                 | XE1Za         |
| [X]Recurr depress disorder cur epi severe without psyc sympt | XE1Zd         |
| [X]Recurrent depress disorder cur epi severe with psyc symp  | XE1Ze         |
| [X]Recurrent depressive disorder, current episode moderate   | Eu331         |
| [X]Recurrent depressive disorder, unspecified                | XE1Zf         |
| [X]Sev depress epis + psych symp:(& singl epis [named vars]) | Eu323         |
| [X]Sev depress epis, no psych: (& single [agit][maj][vital]) | Eu322         |
| [X]Severe depressive episode with psychotic symptoms         | XE1ZZ         |
| [X]Severe depressive episode without psychotic symptoms      | XE1ZY         |
| [X]Single episode agitated depressn w'out psychotic symptoms | XaCHr         |
| [X]Single episode major depression w'out psychotic symptoms  | XaCHs         |
| Agitated depression  | X00SQ         |
| Atypical depressive disorder                                 | E11y2         |
| Chronic depression   | E2B1.         |
| Cotard syndrome  | XSKr7         |
| Depression NOS   | XaB9J         |
| Depression: [reactive (neurotic)] or [postnatal]             | XE1aY         |
| Depression: [single maj episode][agit][endogen (& 1st epis)] | E112.         |
| Depressive disorder  | X00SO         |
| Depressive disorder NEC                                      | E2B           |

| Endogenous depression  | X00SR |
|--|-------|
| Endogenous depression - recurrent                            | XM1GC |
| Endogenous depression first episode                          | X00SS |
| Major depressive disorder                                    | XSEGJ |
| Masked depression  | X00SU |
| Mild depression  | XaCls |
| Mild major depression  | XSGok |
| Mixed anxiety and depressive disorder                        | X00Sb |
| Moderate depression  | XaClt |
| Moderate major depression                                    | XSGol |
| Post-schizophrenic depression                                | X00S8 |
| Reactive depression  | XE1YC |
| Reactive depressive psychosis                                | E130. |
| Recurrent brief depressive disorder                          | Xa0wV |
| Recurrent depression   | E1137 |
| Recurrent depression: [major episode] or [endogenous]        | E113. |
| Recurrent major depressive episode NOS                       | E113z |
| Recurrent major depressive episodes                          | XE1Y1 |
| Recurrent major depressive episodes, in full remission       | E1136 |
| Recurrent major depressive episodes, mild                    | E1131 |
| Recurrent major depressive episodes, moderate                | E1132 |
| Recurrent major depressive episodes, severe, no psychosis    | E1133 |
| Recurrent major depressive episodes, severe, with psychosis  | E1134 |
| Recurrent major depressive episodes, unspecified             | E1130 |
| Recurrent major depressive episodes,partial/unspec remission | E1135 |
| Seasonal affective disorder                                  | X761L |
| Severe depression  | XaClu |
| Severe major depression with psychotic features              | XSGon |
| Severe major depression without psychotic features           | XSGom |
| Single major depressive episode                              | XE1Y0 |
| Single major depressive episode NOS                          | E112z |
| Single major depressive episode, in full remission           | E1126 |
| Single major depressive episode, mild                        | E1121 |
| Single major depressive episode, moderate                    | E1122 |
| Single major depressive episode, partial or unspec remission | E1125 |
| Single major depressive episode, severe, with psychosis      | E1124 |

| Single major depressive episode, severe, without psychosis | E1123 |
|--|-------|
| Single major depressive episode, unspecified               | E1120 |

Table 2

Clinical codes for the diagnosis of depression not recognised by the UK Quality and Outcomes Framework

| Descriptor  | Clinical code |
|---|---------------|
| Anxiety with depression                             | Y5448         |
| Depressed mood                                      | XE0re         |
| Symptoms of depression                              | XaLmU         |
| C/O - feeling depressed                             | XM0CR         |
| O/E - depressed                                     | 2257          |
| [X]Recurrent depressive disorder                    | XE1Zc         |
| Depression medication review                        | XaK6e         |
| Depression annual review                            | XaK6d         |
| Depression interim review                           | XaK6f         |
| On depression register                              | XaJWh         |
| Depression monitoring administration                | XaMGL         |
| Depression monitoring first letter                  | XaMGN         |
| Depression monitoring second letter                 | XaMGO         |
| Depression monitoring third letter                  | XaMGP         |
| Patient given advice about management of depression | XaKEz         |
| Depression worse in morning                         | 761J          |
| Depression management programme                     | Xaltx         |
| Depression screen                                   | Y6303         |
| Depression screening                                | 6891.         |
| [X]Other mood affective disorders                   | Eu3y.         |
| [X]Other persistent mood affective disorders        | Eu34y         |
| [X]Other recurrent mood affective disorders         | XE1Zh         |
| [X]Other single mood affective disorders            | XE1Zg         |
| [X]Other specified mood affective disorders         | Eu3yy         |
| [X]Persistent mood affective disorder, unspecified  | Eu34z         |
| [X]Persistent mood affective disorders              | Eu34.         |
| [X]Unspecified mood affective disorder              | XE1Zi         |

| Adjustment reaction with anxious mood | E2924 |
|---------------------------------------|-------|
| Crying associated with mood           | XM0Ar |
| Cyclic mood swings                    | XaAyL |
| Blunting of mood                      | Xa00z |
| Diurnal variation of mood             | X761I |
| Dysphoric mood                        | XaKUk |
| Mood disorder                         | XE1Xy |
| Moody                                 | Xa3Xf |
| Moody after illness                   | Y4284 |
| Moody before illness                  | Y4236 |

Table 3
Antidepressant drugs

| Drug Class            | Drugs included in search | Drugs excluded from search (and rationale) |
|-----------------------|--------------------------|--|
| Selective serotonin   | Citalopram               |  |
| reuptake inhibitors   | Escitalopram             |  |
| (SSRIs)               | Fluoxetine               |  |
|                       | Fluvoxamine              |  |
|                       | Paroxetine               |  |
|                       | Sertraline               |  |
| Tricyclic and related | Clomipramine             | Amitriptyline (neuropathic pain)           |
| antidepressants       | Dosulepin                | Nortriptyline (neuropathic pain)           |
|                       | Doxepin                  | Imipramine (nocturnal eneuresis)           |
|                       | Lofepramine              |  |
|                       | Trimipramine             |  |
| Monoamine oxidase     | Phenelzine               |  |
| inhibitors (MAOIs)    | Isocarboxazid            |  |
|                       | Tranylcypromine          |  |
|                       | Moclobemide              |  |
| Other antidepressant  | Mirtazipine              | Duloxetine (Stress incontinence or         |

| drugs | Venlafaxine | diabetic neuropathy)    |
|-------|-------------|-------------------------|
|       | Agomelatine | Flupentixol (psychoses) |
|       | Tryptophan  |                         |
|       | Reboxetine  |                         |