Supplementary Table 1. Results of McNemar test of changes before and after initiation of KRT in psychiatric disorders by KRT for each psychiatric disorder

| Psychiatric disorder               | Group | Before No | Before Yes | After No | After Yes | p-value |
|-----------------------------------|-------|-----------|------------|----------|----------|---------|
| Depression                        | Overall | 67,898 (96.9) | 2,181 (3.1) | 59,336 (84.7) | 10,743 (15.3) | <0.001 |
|                                   | HD     | 59,637 (97.0) | 1,860 (3.0) | 51,633 (84.0) | 9,864 (16.0) | <0.001 |
|                                   | KT     | 3,750 (96.1) | 151 (3.9) | 3,712 (95.2) | 189 (4.8) | 0.02   |
|                                   | PD     | 4,511 (96.4) | 170 (3.6) | 3,991 (85.3) | 690 (14.7) | <0.001 |
| Anxiety                           | Overall | 67,015 (95.6) | 3,064 (4.4) | 57,683 (82.3) | 12,396 (17.7) | <0.001 |
|                                   | HD     | 58,913 (95.8) | 2,584 (4.2) | 50,105 (81.5) | 11,392 (18.5) | <0.001 |
|                                   | KT     | 3,643 (93.4) | 258 (6.6) | 3,578 (91.7) | 323 (18.3) | 0.003  |
|                                   | PD     | 4,459 (95.3) | 222 (4.7) | 4,000 (85.5) | 681 (14.5) | <0.001 |
| Somatoform/conversion disorder    | Overall | 69,951 (99.8) | 125 (0.2) | 69,561 (99.3) | 518 (0.7) | <0.001 |
|                                   | HD     | 61,399 (99.8) | 98 (0.2) | 61,029 (99.2) | 468 (0.8) | <0.001 |
|                                   | KT     | 3,880 (99.5) | 21 (0.5) | 3,877 (99.4) | 24 (0.6) | 0.64   |
|                                   | PD     | 4,675 (99.9) | 6 (0.1) | 4,655 (99.4) | 26 (0.6) | 0.0002 |
| Stress reaction/adjustment disorder | Overall | 69,602 (99.3) | 477 (0.7) | 68,704 (98.0) | 1,375 (2.0) | <0.001 |
|                                   | HD     | 61,073 (99.3) | 424 (0.7) | 60,221 (97.9) | 1,276 (2.1) | <0.001 |
|                                   | KT     | 3,877 (99.4) | 24 (0.6) | 3,857 (98.9) | 44 (1.1) | 0.01   |
|                                   | PD     | 4,652 (99.4) | 29 (0.6) | 4,626 (98.8) | 55 (1.2) | 0.003  |
| Substance abuse disorder          | Overall | 69,946 (99.8) | 133 (0.2) | 69,782 (99.6) | 297 (0.4) | <0.001 |
|                                   | HD     | 61,378 (99.8) | 119 (0.2) | 61,220 (99.5) | 277 (0.5) | <0.001 |
|                                   | KT     | 3,895 (99.8) | 6 (0.2) | 3,896 (99.9) | 5 (0.1) | 0.76   |
|                                   | PD     | 4,673 (99.8) | 8 (0.2) | 4,666 (99.7) | 15 (0.3) | 0.14   |

HD, hemodialysis; KT, kidney transplant; PD, peritoneal dialysis; KRT, kidney replacement therapy.