**Supplementary Tables**

Table S1. Characteristics of Anglosphere and International PD groups who completed the FrSBe [Frequency and Mean (SD)]

|  |  |  |  |
| --- | --- | --- | --- |
|  | Self | Care-partner | Statistics |
|  | Anglo.(*n* = 433) | Intern.(*n* = 222) | Anglo.(*n* = 384) | Intern.(*n* = 247) | Self | Care-partner |
| **Socio-demographic**  |  |  |  |  |  |  |
| Age | 61.94 (7.84) | 61.15 (7.96) | 62.63 (7.64) | 62.63 (7.77) | *U* = 45640.5, *p* = .29, d = 0.08  | *U* = 47083.5, *p* = .89, *d* = 0.01 |
| Female | 31.9% | 31.5% | 31.5% | 37.2% | *χ2 =* 0.02*, p* = .93, *OR* = 1.02, 95%CI [0.72, 1.44]  | *χ2 =* 2.21*, p =* .14, *OR* = 0.78, 95%CI [0.55, 1.08]  |
| Education (yrs) | 14.50 (2.92) | 14.52 (3.29) | 14.23 (2.96) | 13.66 (3.66) | *U =* 47081, *p =* .67, *d* = 0.03  | *U =* 44081, *p =* .13, *d* = 0.12 |
| Education levela | 2.99 (1.00) | 3.06 (1.08) | 2.91 (1.04) | 2.84 (1.17) | *U =* 45308.5, *p =* .20; *d =* 0.09  | *U =* 46616, *p =* .71, *d =* 0.03 |
| English 1st language  | 94.2% | 15.8% | 94.5% | 13.4% | ***χ2 =* 412.71, *p* < .001, *OR* = 87.20, 95%CI [50.73, 149.87]**  | ***χ2 =* 423.74, *p* < .001, *OR* = 112.10, 95%CI [63.23, 198.73]**  |
| Interpreter Conversational English  Limited/no English | ------ | 29.3%18.5%10.8% | ------ | 40.5%21.1%19.4% |  |  |
| Years since immigration | -- | 33.13 (15.99) | -- | 33.10 (16.88) |  |  |
| **Disease-related** |  |  |  |  |  |  |
| PD duration (yrs) | 10.37 (4.89) | 10.28 (4.25) | 10.56 (4.75) | 10.56 (4.22) | *U =* 47347.5, *p = .76, d* = 0.02 | *U =* 46007.5, *p =* .53, *d =* 0*.*05 |
| UPDRS part3 ONb | 14.68 (8.84) | 14.93 (8.87) | 15.82 (9.28) | 17.18 (9.97) | *U =* 47498, *p* =.81, *d* = 0.02  | *U =* 43309.5, *p =* .07, *d =* 0*.*15 |
| LEDD (mg) | 1393.81 (626.93) | 1359.53 (607.00) | 1407.13 (603.89) | 1400.11 (617.88) | *U =* 46078.5, *p =* .39, *d =* 0.07  | *U =* 46954.5, *p =* .83, *d =* 0*.*02 |
| Depression scale severity  | 0.32 (.53) | 0.41 (.59) | 0.31 (.52) | 0.49 (.63) | ***U =* 44493, *p =* .05, *d* = 0.12** | ***U =* 40394, *p <* .001, *d =* 0.25** |

Notes: a 1 = less than high school, 2 = high school, 3 = some post-secondary or college diploma, 4 = Bachelor’s and more advanced university degrees. b UPDRS, Unified Parkinson’s Disease Rating Scale; LEDD, levodopa equivalent daily dose.

Table S2. Characteristics of Anglosphere and International subgroups who completed the FAQ [Frequency and Mean (SD)]

|  |  |  |  |
| --- | --- | --- | --- |
|  | Self | Care-partner | Statistics |
|  | Anglo.(*n* = 348) | Intern.(*n* = 221) | Anglo.(*n* = 317) | Intern.(*n* = 215) | Self | Care-partner |
| **Socio-demographic**  |  |  |  |  |  |  |
| Age | 62.18 (7.89) | 61.42 (8.08) | 62.78 (7.63) | 62.68 (7.94) | *U =* 36580, *p = .*33*, d = 0.*08  | *U =* 33880, *p =* .91, *d = 0.*01 |
| Female | 33.0% | 35.3% | 32.8% | 39.1% | *χ2 =* 0.31, *p* = .58, *OR* = 0.90, 95%CI [0.63, 1.29]  | *χ2 =* 2.20, *p =* .14, *OR* = 0.76, 95%CI [0.53, 1.09]  |
| Education (yrs) | 14.51 (2.95) | 13.97 (3.59) | 14.30 (2.95) | 13.58 (3.55) | *U =* 36031, *p =* .20, *d = 0.*11  | *U =* 30853, *p =* .06, *d = 0.*16 |
| Education level (/4) | 2.99 (0.99) | 2.91 (1.17) | 2.93 (1.01) | 2.81 (1.17) | *U =* 37778, *p =* .71; *d = 0.*03  | *U =* 32730, *p =* .42, *d = 0.*07 |
| English 1st language  | 94.0% | 15.4% | 94.6% | 14.4% | ***χ2 =* 359.87, *p* < .001, *OR* = 85.64, 95%CI [48.29, 151.88]**  | ***χ2 =* 350.70, *p* < .001, *OR* = 104.74, 95%CI [56.38, 194.58]**  |
| Interpreter  Conversational English Limited/no English | ------ | 32.1%17.6%14.5% | ------ | 29.3%18.5%10.8% |  |  |
| Years since immigration | -- | 32.51 (16.01) | -- | 33.47 (16.86) |  |  |
| **Disease-related** |  |  |  |  |  |  |
| PD duration (yrs) | 10.26 (4.91) | 10.31 (4.29) | 10.52 (4.93) | 10.54 (4.20) | *U =* 36840, *p = .*40*, d =* 0*.*07  | *U =* 32423.5, *p =* .34, *d =* 0*.*08 |
| UPDRS part3 ON | 14.20 (9.02) | 15.02 (9.39) | 15.05 (9.35) | 16.73 (9.86) | *U =* 36645, *p* =.34, *d =* 0*.*08  | ***U =* 30274, *p =* .03, *d =* 0.19** |
| LEDD (mg) | 1376.48 (629.76) | 1318.46 (572.37) | 1422.24 (622.60) | 1382.13 (602.18) | *U =* 36603, *p =* .33, *d =* 0*.*08  | *U =* 32862, *p =* .49, *d =* 0.06 |
| Depression scale severity  | 0.30 (.51) | 0.40 (.58) | 0.31 (.51) | 0.46 (.62) | ***U =* 35297, *p =* .04, *d =* 0*.*14** | ***U =* 30212.5, *p =* .007, *d =*0.19** |

Notes: a 1 = less than high school, 2 = high school, 3 = some post-secondary or college diploma, 4 = Bachelor’s and more advanced university degrees. b UPDRS, Unified Parkinson’s Disease Rating Scale; LEDD, levodopa equivalent daily dose.

Table S3. Subjective cognitive decline in memory, attention, visuospatial and confusion in Anglosphere and International groups [Frequency]

|  |  |  |  |
| --- | --- | --- | --- |
|  | Anglosphere(*n* = 457) | International(*n* = 307) | Statistics |
| **Specific items** |  |  |  |
| *Memory* |  |  |  |
|  General  | 30.4% | 37.1% | *χ2 =* 3.74*, p* =.05, *OR* = 0.74, 95%CI [0.55, 1.00] |
|  Misplace objects | 21.0% | 24.8% | *χ2 =* 1.48*, p* =.22, *OR* = 0.81, 95%CI [0.57, 1.14] |
|  Event memory | 9.0% | 9.1% | *χ2* = 0.01*, p* =.94, *OR* = 0.98, 95%CI [0.59, 1.63] |
|  Conversation memory | 22.5% | 24.1% | *χ2 =* 0.25*, p* =.62, *OR* = 0.92, 95%CI [0.65, 1.29] |
|  Prospective memory | 19.5% | 20.2% | *χ2 =* 0.06*, p* =.81, *OR* = 0.96, 95%CI [0.67, 1.37] |
|  Other | 12.0% | 13.0% | *χ2 =* 0.17*, p* =.68, *OR* = 0.91, 95%CI [0.59, 1.41] |
| *Attention/speed* |  |  |  |
|  General | 30.0% | 29.0% | *χ2 =* 0.09*, p* =.77, *OR* = 1.05, 95%CI [0.76, 1.44] |
|  Processing speed | 37.0% | 34.9% | *χ2 =* 0.36*, p* =.55, *OR* = 1.10, 95%CI [0.81, 1.48] |
|  Track conversation | 8.3% | 7.8% | *χ2 =* 0.06*, p* =.81, *OR* = 1.07, 95%CI [0.63, 1.82] |
|  Train of thought | 7.4% | 5.9% | *χ2 =* 0.72*, p* =.40, *OR* = 1.29, 95%CI [0.71, 2.33] |
|  Sustained attention | 5.5% | 4.9% | *χ2 =* 0.13*, p* =.72, *OR* = 1.13, 95%CI [0.58, 2.17] |
|  Distractibility | 21.7% | 17.6% | *χ2 =* 1.90*, p* =.17, *OR* = 1.30, 95%CI [0.90, 1.87] |
|  Attention reading | 11.6% | 9.1% | *χ2 =* 1.19*, p* =.28, *OR* = 1.31, 95%CI [0.81, 2.12] |
| *Other* |  |  |  |
|  General visuospatial | 4.8% | 2.3% | *χ2 =* 3.23*, p* =.07, *OR* = 2.17, 95%CI [0.91, 5.14] |
|  Foggy/confused | 7.2% | 5.2% | *χ2 =* 1.24*, p* =.27, *OR* = 1.42, 95%CI [0.76, 2.62] |

Table S4. Specific instrumental activities of daily living (iADLs) changes in Anglosphere and International groups [Frequency and Mean (SD)]

|  |  |  |  |
| --- | --- | --- | --- |
|  | Anglosphere(*n* = 457) | International(*n* = 307) | Statistics |
| **Specific items** |  |  |  |
| Medications  | 17.1% | 15.3% | *χ2 =* 0.42*, p* = .52, *OR* = 1.14, 95%CI [.77, 1.69] |
| Appointmentsa | 0.7% | 2.0% | **--** |
| Cooking | 8.8% | 12.4% | *χ2 =* 2.63*, p* = .11, *OR* = .68, 95%CI [.42, 1.09] |
| General chores  | 5.3% | 8.5% | *χ2 =* 3.11*, p* = .08, *OR* = .60, 95%CI [.34, 1.06] |
| Finances | 9.8% | 12.1% | *χ2 =* 0.93*, p* = .33, *OR* = .80, 95%CI [.50, 1.26] |
| Shopping | 2.8% | 6.2% | *χ2 = 5*.12*, p* = .02, *OR* = .44, 95%CI [.22, 0.91] |
| Driving/transportation | 49.9% | 45.6% | *χ2 = 1*.35*, p* = .25, *OR* = 1.19, 95%CI [.89, 1.59] |
| Working | 40.3% | 45.0% | *χ2 =* 1.66*, p* = .20, *OR* = 0.83, 95%CI [.62, 1.11] |
| Hobbies | 14.4% | 11.1% | *χ2 =* 1.83*, p* = .18, *OR* = 1.36, 95%CI [.87, 2.11] |

Note. a Chi-square analysis omitted given that cell count in the Anglosphere group is less than 5