Measurement invariance was also conducted on random vs. non-random groups. Using the PIL data,

# **Purpose in Life Questionnaire (PIL)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Model | *X2*(*df*) | RMSEA | SRMR | CFI | ∆CFI |
| All Groups (*n =* 1898) | (170) = 2232.95 | 0.080 | 0.047 | 0.887 | NA |
| Random (*n* = 1070) | (170) = 1365.83 | 0.081 | 0.049 | 0.884 | NA |
| Not random (*n* = 828) | (170) = 1185.43 | 0.085 | 0.051 | 0.875 | NA |
| Configural  Invariance | (340) = 2551.25 | 0.083 | 0.050 | 0.880 | NA |
| Metric Invariance | (359) = 2587.78 | 0.081 | 0.054 | 0.879 | 0.001 |
| Scalar Invariance | (378) = 2668.09 | 0.080 | 0.055 | 0.876 | 0.003 |
| Strict Invariance | (398) = 2743.39 | 0.079 | 0.057 | 0.873 | 0.003 |

# **Life Purpose Questionnaire (LPQ)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Model | *X2*(*df*) | RMSEA | SRMR | CFI | ∆CFI |
| All Groups (*n =* 1632) | (170) = 1629.45 | 0.073 | 0.059 | 0.781 | NA |
| Random (*n* = 883) | (170) = 902.00 | 0.070 | 0.057 | 0.785 | NA |
| Not random (*n* = 749) | (170) = 1002.98 | 0.081 | 0.067 | 0.754 | NA |
| Configural  Invariance | (340) = 1904.97 | 0.075 | 0.062 | 0.770 | NA |
| Metric Invariance | (359) = 1936.66 | 0.073 | 0.065 | 0.768 | 0.020 |
| Scalar Invariance | (378) = 2028.31 | 0.073 | 0.066 | 0.757 | 0.011\* |
| Scalar Q13 Free | (377) = 2007.65 | 0.073 | 0.066 | 0.760 | .008 |
| Strict Invariance | (396) = 2057.35 | 0.072 | 0.067 | 0.755 | 0.005 |