

Appendix

Confirmatory factor analysis

CFA was first used to test the discriminant validity of the five constructs in this study. As shown in Table 3, the results indicated that the measurement model with these five factors were distinct and fit the data best ($\chi^2 = 517.492$, $df = 199$, $p < .01$; CFI = .931, TLI = .919, RMSEA = .071, SRMR = .061), and was superior to a 4-factor model ($\chi^2 = 843.371$, $df = 203$, $p < .01$; CFI = .860, TLI = .841, RMSEA = .099, SRMR = .083), 3-factor model ($\chi^2 = 1096.634$, $df = 206$, $p < .01$; CFI = .806, TLI = .782, RMSEA = .116, SRMR = .082), 2-factor model ($\chi^2 = 1869.769$, $df = 208$, $p < .01$; CFI = .637, TLI = .597, RMSEA = .158, SRMR = .118), and 1-factor model ($\chi^2 = 2488.922$, $df = 209$, $p < .01$; CFI = .503, TLI = .450, RMSEA = .184, SRMR = .160; Table 4). Thus, the five substantive constructs in our model were empirically distinguishable.

Table 4

Comparison of Measurement Models

| Model | Description | χ^2/df | CFI | TLI | RMSEA | SRMR |
|----------------------------|--|--------------|------|------|-------|------|
| Baseline five-factor model | WFC, EE, JM, OI, PI | 517.492/199 | .931 | .919 | .071 | .061 |
| Four-factor model | WFC and PI were combined into one factor, EE, JM, OI | 843.371/203 | .860 | .841 | .099 | .083 |
| Three-factor model | WFC, PI and EE were combined into one factor, JM, OI | 1096.634/206 | .806 | .782 | .116 | .082 |
| Two-factor model | WFC, PI, EE and JM were combined into one factor, OI | 1869.769/208 | .637 | .597 | .158 | .118 |
| One-factor model | WFC, EE, OI, PI and JM were combined into one factor | 2488.922/209 | .503 | .450 | .184 | .160 |

Note. CFI = comparative fit index; TLI = Tucker-Lewis Index; RMSEA = root mean square error of approximation; SRMR = standardized root mean square residual. WFC = Work-family conflict; EE = emotional exhaustion; JM = job meaningfulness; OI = organizational identification; PI = professional identification.