**Supplement H: Results of Full Cross-Lagged Panel Models**

Table H1. Full cross lagged panel models for testing the mediation of employment status at time ti on distress at time ti+1 by each function of employment at time ti (intendend direction of causality, models1)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Mediator | | | | | | | |
|  |  | Time structure | Social contact | Status | Activity | Collective purpose | Financial strain | Competence | Autonomy |
| χ2/*df* |  | 9.46 | 9.91 | 11.02 | 10.75 | 11.35 | 8.85 | 11.11 | 9.49 |
| *CFI* |  | 0.764 | 0.776 | 0.757 | 0.742 | 0.729 | 0.822 | 0.744 | 0.742 |
| *TLI* |  | 0.754 | 0.766 | 0.747 | 0.731 | 0.718 | 0.815 | 0.733 | 0.731 |
| *RMSEA*  [90%CI] |  | 0.089  [0.085; 0.094] | 0.092  [0.087; 0.096] | 0.097  [0.093; 0.102] | 0.096  [0.092; 0.100] | 0.099  [0.094; 0.103] | 0.086  [0.082; 0.090] | 0.098  [0.093; 0.102] | 0.089  [0.085; 0.094] |
| *SRMR* |  | 0.152 | 0.156 | 0.165 | 0.161 | 0.167 | 0.162 | 0.167 | 0.162 |
| Indirect effect  [95%CI] |  | -0.013\*\*\*  [-0.021;  -0.006] | -0.018\*\*\*  [-0.024;  -0.012] | -0.026\*\*\*  [-0.034;  -0.018] | -0.027\*\*\*  [-0.038;  -0.018] | -0.023\*\*\*  [-0.032;  -0.013] | -0.32\*\*\*  [-0.040;  -0.024] | -0.024\*\*\*  [-0.032;  -0.016] | 0.002  [-0.004; 0.009] |

*Note*. \*\*\* *p* < .001.

Table H2. Full cross lagged panel models for testing the mediation of employment status at time ti on each function of employment at time ti+1 by distress at time ti (reverse causation, models2)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Mediator | | | | | | | |
|  |  | Time structure | Social contact | Status | Activity | Collective purpose | Financial strain | Competence | Autonomy |
| χ2/*df* |  | 10.13 | 10.21 | 11.68 | 12.02 | 12.28 | 9.74 | 11.64 | 9.32 |
| *CFI* |  | 0.745 | 0.768 | 0.741 | 0.708 | 0.705 | 0.802 | 0.731 | 0.747 |
| *TLI* |  | 0.734 | 0.758 | 0.731 | 0.696 | 0.693 | 0.794 | 0.719 | 0.737 |
| *RMSEA*  [90%CI] |  | 0.093  [0.088; 0.097] | 0.093  [0.089; 0.098] | 0.100  [0.096; 0.105] | 0.102  [0.098; 0.106] | 0.103  [0.099; 0.107] | 0.091  [0.086; 0.095] | 0.100  [0.096; 0.105] | 0.089  [0.084; 0.093] |
| *SRMR* |  | 0.163 | 0.180 | 0.196 | 0.177 | 0.182 | 0.189 | 0.196 | 0.167 |
| Indirect effect  [95%CI] |  | 0.010+  [0.000; 0.019] | 0.018\*\*  [0.007; 0.029] | 0.011\*  [0.000; 0.022] | 0.020\*\*\*  [0.008; 0.032] | 0.023\*\*\*  [0.010; 0.035] | -0.024\*\*\*  [-0.034;  -0.014] | 0.018\*\*  [0.007; 0.028] | 0.029\*\*\*  [0.017; 0.040] |

*Note*. + *p* < .10, \* *p* < .05, \*\* *p* < .01,\*\*\* *p* < .001.

Table H3. Comparison of models1 (intended direction of causality) and models2 (reverse causality)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Mediator | | | | | | | |
|  |  | Time structure | Social contact | Status | Activity | Collective purpose | Financial strain | Competence | Autonomy |
| *z1* |  | 3.64\*\*\* | 1.85\* | 3.56\*\*\* | 6.09\*\*\* | 4.97\*\*\* | 4.21\*\*\* | 2.65\*\* | -0.84 |
| *z2* |  | 3.64 | 1.85 | 3.56 | 6.09 | 4.97 | 4.21 | 2.65 | -0.84 |
| *AIC1* |  | 19068.08 | 19523.38 | 18780.21 | 19672.77 | 19502.57 | 17673.55 | 18192.62 | 18342.01 |
| *AIC2* |  | 19165.23 | 19567.29 | 18875.12 | 19855.35 | 19636.26 | 17802.95 | 18269.60 | 18316.73 |
| 95%CI of *AIC* difference |  | [-149.54;  -44.76] | [-90.45;  2.62] | [-147.12;  -42.69] | [-241.34;  -123.83] | [-186.46;  -80.93] | [-189.64;  -69.17] | [-133.83;  -20.13] | [-33.91;  84.46] |
| *BIC1* |  | 19291.59 | 19746.89 | 19003.73 | 19896.28 | 19726.08 | 17897.06 | 18416.13 | 18565.52 |
| *BIC2* |  | 19388.74 | 19790.80 | 19098.63 | 20078.87 | 19859.77 | 18026.47 | 18493.11 | 18540.24 |
| 95%CI of *BIC* difference |  | [-149.54;  -44.76] | [-90.45;  2.62] | [-147.12;  -42.69] | [-241.34;  -123.83] | [-186.46;  -80.93] | [-189.64;  -69.17] | [-133.83;  -20.13] | [-33.91;  84.46] |

*Note*. Results were obtained with the R package nonnest2. z1 refers to the non-nested likelihood ratio test of the hypothesis that the model with the intended direction of causality fits better. z2 refers to the non-nested likelihood ratio test of the hypothesis that the model for the reverse causality fits better. *AIC1* and *BIC1* refer to the model for the intended direction of causality. *AIC2* and *BIC2* refer to the model for reverse causality. \* *p* < .05, \*\* *p* < .01,\*\*\* *p* < .001.