

ESM
Supplementary file

In order to test whether the affect facets (explicit and implicit PA and NA) relate to both the linear changes from Monday to Friday and/or to the TGIF Thursday-Friday contrast we performed a number of analyses, for explicit (analyses S1-S3) and implicit (analyses S4-S6) affect respectively, and separately for the Monday to Friday trajectory (analyses S1, S4) the TGIF Thursday-Friday contrast (analyses S2, S5) and conjointly (analyses S3, S6).

Note:

TIME : Average rate of growth in job satisfaction from Monday to Friday (coded 01233 - with Thursday and Friday levelling).

TIME_{contrast} : Discontinuous time contrast between Thursday and Friday (coded 00001)

E1.

Test of explicit affect moderating the week (TIME) trajectory on JS

| Fixed Effect | Coefficient | Standard error | <i>t</i> -ratio | Approx. <i>d.f.</i> | <i>p</i> -value |
|-------------------------|--------------------|--------------------|-----------------|---------------------|-----------------|
| For INTRCPT1, π_0 | | | | | |
| INTRCPT2, β_{00} | 3.510873 | 0.052529 | 66.837 | 327 | <0.001 |
| EPA, β_{01} | 0.194008 | 0.127818 | 1.518 | 327 | 0.130 |
| ENA, β_{02} | -0.345976 | 0.109572 | -3.158 | 327 | 0.002 |
| For TIME slope, π_1 | | | | | |
| INTRCPT2, β_{10} | 0.070053 | 0.020780 | 3.371 | 327 | <0.001 |
| EPA, β_{11} | 0.061923 | 0.049010 | 1.263 | 327 | 0.207 |
| ENA, β_{12} | 0.095089 | 0.040588 | 2.343 | 327 | 0.020 |
| Random Effect | Standard Deviation | Variance Component | <i>d.f.</i> | χ^2 | <i>p</i> -value |
| INTRCPT1, r_0 | 0.65999 | 0.43558 | 327 | 621.69137 | <0.001 |
| TIME slope, r_1 | 0.19679 | 0.03873 | 327 | 447.52490 | <0.001 |
| level-1, e | 0.84528 | 0.71450 | | | |

Statistics for current covariance components model

Deviance = 4619.192476

Number of estimated parameters = 4

Note. EPA = Explicit Positive Affect; ENA = Explicit Negative Affect.

E2.

Test of explicit affect moderating the end of the week (TIMEcontract) trajectory on JS

| Fixed Effect | Coefficient | Standard error | t-ratio | Approx. d.f. | p-value |
|---|--------------------|--------------------|---------|--------------|---------|
| For INTRCPT1, π_0 | | | | | |
| INTRCPT2, β_{00} | 3.565909 | 0.037461 | 95.191 | 327 | <0.001 |
| EPA, β_{01} | 0.276195 | 0.090269 | 3.060 | 327 | 0.002 |
| ENA, β_{02} | -0.200898 | 0.080325 | -2.501 | 327 | 0.013 |
| For TIME _{contrast} slope, π_1 | | | | | |
| INTRCPT2, β_{10} | 0.355303 | 0.053826 | 6.601 | 327 | <0.001 |
| EPA, β_{11} | 0.146368 | 0.126977 | 1.153 | 327 | 0.250 |
| ENA, β_{12} | 0.130413 | 0.112509 | 1.159 | 327 | 0.247 |
| Random Effect | Standard Deviation | Variance Component | d.f. | χ^2 | p-value |
| INTRCPT1, r_0 | 0.52571 | 0.27637 | 327 | 800.22091 | <0.001 |
| TIMEcontrast slope, r_1 | 0.09992 | 0.00998 | 327 | 330.41899 | 0.437 |
| level-1, e | 0.87401 | 0.76389 | | | |

Statistics for current covariance components model

Deviance = 4601.608445

Number of estimated parameters = 4

Note. EPA = Explicit Positive Affect; ENA = Explicit Negative Affect.

E3.

Test of explicit affect moderating the week (TIME) and end of the week (TIMEcontrast) trajectories on JS

| Fixed Effect | Coefficient | Standard error | <i>t</i> -ratio | Approx. <i>d.f.</i> | <i>p</i> -value |
|---|--------------------|--------------------|-----------------|---------------------|-----------------|
| For INTRCPT1, π_0 | | | | | |
| INTRCPT2, β_{00} | 3.550909 | 0.052826 | 67.218 | 327 | <0.001 |
| EPA, β_{01} | 0.202565 | 0.127004 | 1.595 | 327 | 0.112 |
| ENA, β_{02} | -0.347931 | 0.110875 | -3.138 | 327 | 0.002 |
| For TIME slope, π_1 | | | | | |
| INTRCPT2, β_{10} | 0.010000 | 0.022459 | 0.445 | 327 | 0.656 |
| EPA, β_{11} | 0.049087 | 0.051012 | 0.962 | 327 | 0.337 |
| ENA, β_{12} | 0.098022 | 0.044149 | 2.220 | 327 | 0.027 |
| For TIME _{contrast} slope, π_2 | | | | | |
| INTRCPT2, β_{20} | 0.340303 | 0.056886 | 5.982 | 327 | <0.001 |
| EPA, β_{21} | 0.072738 | 0.127591 | 0.570 | 327 | 0.569 |
| ENA, β_{22} | -0.016620 | 0.121403 | -0.137 | 327 | 0.891 |
| Random Effect | Standard Deviation | Variance Component | <i>d.f.</i> | χ^2 | <i>p</i> -value |
| INTRCPT1, r_0 | 0.67099 | 0.45023 | 327 | 629.68375 | <0.001 |
| TIME slope, r_1 | 0.18801 | 0.03535 | 327 | 398.35530 | 0.004 |
| TIME _{contrast} slope, r_2 | 0.13813 | 0.01908 | 327 | 300.66708 | >0.500 |
| level-1, e | 0.83034 | 0.68946 | | | |

Statistics for current covariance components model

Deviance = 4592.181832

Number of estimated parameters = 7

Note. EPA = Explicit Positive Affect; ENA = Explicit Negative Affect.

Implicit Affect

E4.

Test of implicit affect moderating the week (TIME) trajectory on JSFinal estimation of fixed effects

| Fixed Effect | Coefficient | Standard error | <i>t</i> -ratio | Approx. <i>d.f.</i> | <i>p</i> -value |
|-------------------------|--------------------|--------------------|-----------------|---------------------|-----------------|
| For INTRCPT1, π_0 | | | | | |
| INTRCPT2, β_{00} | 3.510873 | 0.054058 | 64.946 | 327 | <0.001 |
| IPA, β_{01} | 0.181208 | 0.165485 | 1.095 | 327 | 0.274 |
| INA, β_{02} | -0.384364 | 0.158119 | -2.431 | 327 | 0.016 |
| For TIME slope, π_1 | | | | | |
| INTRCPT2, β_{10} | 0.070053 | 0.020950 | 3.344 | 327 | <0.001 |
| IPA, β_{11} | -0.018267 | 0.062593 | -0.292 | 327 | 0.771 |
| INA, β_{12} | 0.013315 | 0.051654 | 0.258 | 327 | 0.797 |
| Random Effect | Standard Deviation | Variance Component | <i>d.f.</i> | χ^2 | <i>p</i> -value |
| INTRCPT1, r_0 | 0.69990 | 0.48986 | 327 | 658.41219 | <0.001 |
| TIME slope, r_1 | 0.20271 | 0.04109 | 327 | 454.88253 | <0.001 |
| level-1, e | 0.84528 | 0.71450 | | | |

Statistics for current covariance components model

Deviance = 4648.790362

Number of estimated parameters = 4

Note. IPA = Implicit Positive Affect; INA = Implicit Negative Affect.

E5

Test of implicit affect moderating the end of the week (TIMEcontrast) trajectory on JS

| Fixed Effect | Coefficient | Standard error | <i>t</i> -ratio | Approx. <i>d.f.</i> | <i>p</i> -value |
|---------------------------------|--------------------|--------------------|-----------------|---------------------|-----------------|
| For INTRCPT1, π_0 | | | | | |
| INTRCPT2, β_{00} | 3.565909 | 0.038910 | 91.645 | 327 | <0.001 |
| IPA, β_{01} | 0.178504 | 0.132884 | 1.343 | 327 | 0.180 |
| INA, β_{02} | -0.342583 | 0.123895 | -2.765 | 327 | 0.006 |
| For TIMEcontrast slope, π_1 | | | | | |
| INTRCPT2, β_{10} | 0.355303 | 0.053913 | 6.590 | 327 | <0.001 |
| IPA, β_{11} | -0.150887 | 0.148150 | -1.018 | 327 | 0.309 |
| INA, β_{12} | -0.089072 | 0.130569 | -0.682 | 327 | 0.496 |
| Random Effect | Standard Deviation | Variance Component | <i>d.f.</i> | χ^2 | <i>p</i> -value |
| INTRCPT1, r_0 | 0.55966 | 0.31322 | 327 | 863.33049 | <0.001 |
| TIMEcontrast slope, r_1 | 0.11451 | 0.01311 | 327 | 331.49052 | 0.421 |
| level-1, e | 0.87401 | 0.76389 | | | |

Statistics for current covariance components model

Deviance = 4626.997565

Number of estimated parameters = 4

Note. EPA = Explicit Positive Affect; ENA = Explicit Negative Affect.

E6

Test of explicit affect moderating the week (TIME) and end of the week (TIMEcontrast) trajectories on JS

| Fixed Effect | Coefficient | Standard error | <i>t</i> -ratio | Approx. <i>d.f.</i> | <i>p</i> -value |
|---|--------------------|--------------------|-----------------|---------------------|-----------------|
| For INTRCPT1, π_0 | | | | | |
| INTRCPT2, β_{00} | 3.618970 | 0.056846 | 63.663 | 327 | <0.001 |
| IPA, β_{01} | 0.127862 | 0.166433 | 0.768 | 327 | 0.443 |
| INA, β_{02} | -0.431472 | 0.165761 | -2.603 | 327 | 0.010 |
| For TIME slope, π_1 | | | | | |
| INTRCPT2, β_{10} | 0.010000 | 0.022621 | 0.442 | 327 | 0.659 |
| IPA, β_{11} | 0.011370 | 0.064556 | 0.176 | 327 | 0.860 |
| INA, β_{12} | 0.039486 | 0.058542 | 0.674 | 327 | 0.500 |
| For TIME _{contrast} slope, π_2 | | | | | |
| INTRCPT2, β_{20} | 0.340303 | 0.056823 | 5.989 | 327 | <0.001 |
| IPA, β_{21} | -0.167941 | 0.141361 | -1.188 | 327 | 0.236 |
| INA, β_{22} | -0.148300 | 0.146535 | -1.012 | 327 | 0.312 |
| Random Effect | Standard Deviation | Variance Component | <i>d.f.</i> | χ^2 | <i>p</i> -value |
| INTRCPT1, r_0 | 0.71309 | 0.50850 | 327 | 602.46089 | <0.001 |
| TIME slope, r_1 | 0.19523 | 0.03812 | 327 | 404.49776 | 0.002 |
| TIME _{contrast} slope, r_2 | 0.13996 | 0.01959 | 327 | 300.27437 | >0.500 |
| level-1, e | 0.82995 | 0.68882 | | | |

Statistics for current covariance components model

Deviance = 4619.233980

Number of estimated parameters = 7

Note. EPA = Explicit Positive Affect; ENA = Explicit Negative Affect.