**Mixed Model**

| Model Info | | |
| --- | --- | --- |
| **Info** |  |  |
| Model Type | Mixed Model | Linear Mixed model for continuous y |
| Model | lme | BAI ~ 1 + Expectancy + Time\_C + Time\_C:Expectancy + ( 1 | Participant ) |
| Distribution | Gaussian | Normal distribution of residuals |
| Direction | y | Dependend variable scores |
| Residuals | Autoregressive 1 | within cluster Participant |
| Sample size | 284 |  |
| Converged | yes |  |
| Y transform | none |  |
| C.I. method | Bootstrap percent | 10000 bootstrap samples |
|  | | |

**Model Results**

| Model Fit | | | | |
| --- | --- | --- | --- | --- |
| **Type** | **R²** | **df** | **LRT X²** | **p** |
| Conditional | 0.58 | 9 | 172.00 | <.001 |
| Marginal | 0.33 | 7 | 145.84 | <.001 |
|  | | | | |

| Additional Indices | | |
| --- | --- | --- |
| **Info** | **Model Value** | **Comment** |
| LogLikelihood | -998.26 |  |
| AIC | 2018.51 | Less is better |
| BIC | 2058.34 | Less is better |
|  | | |

| Fixed Effects Omnibus Tests | | | | |
| --- | --- | --- | --- | --- |
|  | **F** | **df** | **df (res)** | **p** |
| Expectancy | 6.88 | 1 | 178.00 | 0.009 |
| Time\_C | 55.43 | 3 | 178.00 | <.001 |
| Expectancy ✻ Time\_C | 4.98 | 3 | 178.00 | 0.002 |
|  | | | | |

| Parameter Estimates (Fixed coefficients) | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | **95% Confidence Intervals** | |  | | |
| **Names** | **Effect** | **Estimate** | **SE** | **Lower** | **Upper** | **df** | **t** | **p** |
| (Intercept) | (Intercept) | 15.50 | 0.77 | 14.63 | 16.57 | 178.00 | 20.22 | <.001 |
| Expectancy | Expectancy | -1.13 | 0.43 | -1.84 | -0.16 | 178.00 | -2.62 | 0.009 |
| Time\_C1 | T1 - T0 | -11.35 | 1.15 | -13.80 | -8.49 | 178.00 | -9.91 | <.001 |
| Time\_C2 | T2 - T0 | -13.12 | 1.24 | -15.26 | -10.30 | 178.00 | -10.55 | <.001 |
| Time\_C3 | T3 - T0 | -13.29 | 1.27 | -15.67 | -10.40 | 178.00 | -10.49 | <.001 |
| Expectancy ✻ Time\_C1 | Expectancy ✻ (T1 - T0) | -3.35 | 0.88 | -5.41 | -1.61 | 178.00 | -3.83 | <.001 |
| Expectancy ✻ Time\_C2 | Expectancy ✻ (T2 - T0) | -2.37 | 0.92 | -4.20 | -0.72 | 178.00 | -2.58 | 0.011 |
| Expectancy ✻ Time\_C3 | Expectancy ✻ (T3 - T0) | -2.40 | 0.92 | -4.27 | -0.54 | 178.00 | -2.60 | 0.010 |
|  | | | | | | | | |

| Random Components | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Groups** | **Name** | **Variance** | **SD** | **ICC** | **Phi** |
| Participant | (Intercept) | 31.04 | 5.57 | 0.37 | 0.10 |
| Residual |  | 52.52 | 7.25 |  |  |
| Note. Number of Obs: 284 , Number of groups: Participant 99 | | | | | |
|  | | | | | |

**Simple Effects**

| ANOVA for Simple Effects of Time\_C | | | | |
| --- | --- | --- | --- | --- |
| **Moderator** |  | | | |
| **Expectancy** | **F** | **Num df** | **Den df** | **p** |
| Mean-1·SD | 12.94 | 3.00 | 178.00 | <.001 |
| Mean | 55.43 | 3.00 | 178.00 | <.001 |
| Mean+1·SD | 37.46 | 3.00 | 178.00 | <.001 |
|  | | | | |

| Parameter Estimates for simple effects of Time\_C | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Moderator** |  | | | **95% Confidence Intervals** | |  | | |
| **Expectancy** | **Effect** | **Estimate** | **SE** | **Lower** | **Upper** | **df** | **t** | **p** |
| Mean-1·SD | T1 - T0 | -6.42 | 1.69 | -9.75 | -3.09 | 178.00 | -3.80 | <.001 |
|  | T2 - T0 | -9.62 | 1.81 | -13.20 | -6.05 | 178.00 | -5.31 | <.001 |
|  | T3 - T0 | -9.75 | 1.79 | -13.29 | -6.22 | 178.00 | -5.44 | <.001 |
| Mean | T1 - T0 | -11.35 | 1.15 | -13.61 | -9.09 | 178.00 | -9.91 | <.001 |
|  | T2 - T0 | -13.12 | 1.24 | -15.57 | -10.67 | 178.00 | -10.55 | <.001 |
|  | T3 - T0 | -13.29 | 1.27 | -15.79 | -10.79 | 178.00 | -10.49 | <.001 |
| Mean+1·SD | T1 - T0 | -16.29 | 1.76 | -19.77 | -12.82 | 178.00 | -9.25 | <.001 |
|  | T2 - T0 | -16.62 | 1.87 | -20.30 | -12.93 | 178.00 | -8.91 | <.001 |
|  | T3 - T0 | -16.83 | 1.93 | -20.63 | -13.03 | 178.00 | -8.74 | <.001 |
|  | | | | | | | | |

**Estimated Marginal Means**

| Estimate Marginal Means - Expectancy | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | | | | **95% Confidence Intervals** | |
| **Expectancy** | **Mean** | **SE** | **df** | **Lower** | **Upper** |
| Mean-1·SD | 17.17 | 0.99 | 98.00 | 15.41 | 18.69 |
| Mean | 15.50 | 0.77 | 98.00 | 14.63 | 16.55 |
| Mean+1·SD | 13.83 | 1.00 | 98.00 | 12.63 | 15.62 |
|  | | | | | |

| Estimate Marginal Means - Time\_C | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | | | | **95% Confidence Intervals** | |
| **Time\_C** | **Mean** | **SE** | **df** | **Lower** | **Upper** |
| T0 | 24.90 | 0.94 | 98.00 | 22.88 | 26.67 |
| T1 | 13.69 | 1.07 | 98.00 | 11.96 | 15.64 |
| T2 | 11.88 | 1.14 | 98.00 | 10.40 | 13.77 |
| T3 | 11.71 | 1.16 | 98.00 | 10.05 | 13.72 |
|  | | | | | |

| Estimate Marginal Means - Time\_C ✻ Expectancy | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | | | | | **95% Confidence Intervals** | |
| **Time\_C** | **Expectancy** | **Mean** | **SE** | **df** | **Lower** | **Upper** |
| T0 | Mean-1·SD | 23.61 | 1.20 | 98.00 | 20.63 | 25.89 |
| T0 | Mean | 24.94 | 0.95 | 98.00 | 22.93 | 26.72 |
| T0 | Mean+1·SD | 26.27 | 1.47 | 98.00 | 23.37 | 29.56 |
| T1 | Mean-1·SD | 17.20 | 1.49 | 98.00 | 14.22 | 20.21 |
| T1 | Mean | 13.59 | 1.07 | 98.00 | 11.87 | 15.51 |
| T1 | Mean+1·SD | 9.98 | 1.40 | 98.00 | 7.87 | 12.48 |
| T2 | Mean-1·SD | 13.99 | 1.60 | 98.00 | 11.49 | 16.39 |
| T2 | Mean | 11.82 | 1.13 | 98.00 | 10.35 | 13.72 |
| T2 | Mean+1·SD | 9.65 | 1.48 | 98.00 | 7.80 | 12.21 |
| T3 | Mean-1·SD | 13.86 | 1.57 | 98.00 | 11.10 | 16.39 |
| T3 | Mean | 11.65 | 1.16 | 98.00 | 10.00 | 13.65 |
| T3 | Mean+1·SD | 9.44 | 1.55 | 98.00 | 7.35 | 12.28 |
|  | | | | | | |