abbreviations

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List of abbreviations

ANOVA	Analysis of variance
AR	Autoregressive
ESM	Experience Sampling Method
MAR	Missing at random
MCAR	Missing completely at random
MCMC	Markov Chain Monte Carlo
MLE	Maximum likelihood estimation
MLAR(1)	Multilevel first-order autoregressive
N	Number of participants
NA	Negative affect
PA	Positive affect
SD	Standard deviation
SE	Standard error
T.obs	Number of observations (timepoints) per participant

List of symbols

Symbol	Definition
β_{00}	Fixed intercept
β_{10}	Fixed autoregressive parameter
ϵ_{it}	Innovation / residuals
esm_{it}	Process value of participant i at time t
$esm_{i,t-1}$	Lagged process value of participant i
γ_{0i}	Person-specific intercept
γ_{1i}	Person-specific autoregressive parameter
ν_{0i}	Random intercept
ν_{1i}	Random autoregressive parameter
σ_{ϵ}^2	Innovation variance
$\sigma_{\nu_0}^2$	Variance of the random intercepts
$\sigma_{\nu_1}^2$	Variance of the random autoregressive effects
$\sigma_{\nu_{01}}$	Correlation between the random intercepts and random autoregressive effects