

DATA CODEBOOK

Mas, M., & Luminet, O. (2025). Alexithymia Moderates Salience Effects in Emotional Facial Expression Perception and Recognition. *International Journal of Psychology*, 60(2), e70037. <https://doi.org/10.1002/ijop.70037>

This dataset contains trial-level data from the above mentioned study. N = 94 participants × 160 trials. Please contact Dr. Marine Mas (marine.mas@uclouvain.be) for any inquiry.

Variable	Type	Description	Notes
CODE	factor	Participant identifier code.	Included as a random factor in all models. Unique per participant.
emotion	factor	The target discrete emotion shown in the facial expression (<i>A = anger; D = disgust; F = fear; H = happy; S = sad</i>).	Included as a fixed factor; interacts with morphing intensity for valence and emotion recognition models.
time	factor	Morphing intensity level (40%, 60%, 80%, 100%).	Represents emotional salience; interacts with TAS-20 total (H1) and alexithymia facets (H2).
actor	factor	Identifier for the actor displaying the emotional expression (according to FACES Database; actor's gender can be inferred from the database along with other characteristics).	Used for stimulus balancing; not included in models.
DIF	numeric	<i>Difficulty Identifying Feelings</i> subscale of TAS-20.	Used in H2 models as predictor; interacts with morphing intensity and emotion type for negative EFEs.
DDF	numeric	<i>Difficulty Describing Feelings</i> subscale of TAS-20.	Used in H2 models as predictor; interacts with morphing intensity and emotion type for negative EFEs.
EOT	numeric	<i>Externally Oriented Thinking</i> subscale of TAS-20.	Used in H2 models as predictor; interacts with morphing intensity and emotion type for negative EFEs.
GENRE	factor	Participant gender (F = Female; H = Male; O = Other/Undefined).	Included as a covariate in all models.
AGE	numeric	Participant's age in years.	Included as a covariate in all models.
PANASN	numeric	Negative affect score from the PANAS.	Included as a covariate in all models.
PANASP	numeric	Positive affect score from the PANAS.	Included as a covariate in all models.
HADSA	numeric	Hospital Anxiety and Depression Scale – Anxiety subscale.	Included as a covariate in all models.
HADSD	numeric	Hospital Anxiety and Depression Scale – Depression subscale.	Included as a covariate in all models.
HADST	numeric	Total HADS score (anxiety + depression).	Not directly used; subscores included separately.
TAS20T	numeric	Total score of the Toronto Alexithymia Scale (TAS-20).	Main moderator in H1 models; interacts with morphing intensity.
arousal	numeric	Participant's subjective arousal rating for the stimulus.	Dependent variable in Model 1 (H1).
valence	numeric	Participant's subjective valence rating for the stimulus.	Dependent variable in Model 2 (H1); interacts with emotion and morphing intensity.
corr_id	binary	Correct emotion recognition (1 = correct, 0 = incorrect).	Dependent variable in recognition models (H1 and H2). Separate models for positive and negative EFEs.