

THE NEURAL ORGANIZATION OF EMOTION EXPERIENCE DURING FILM

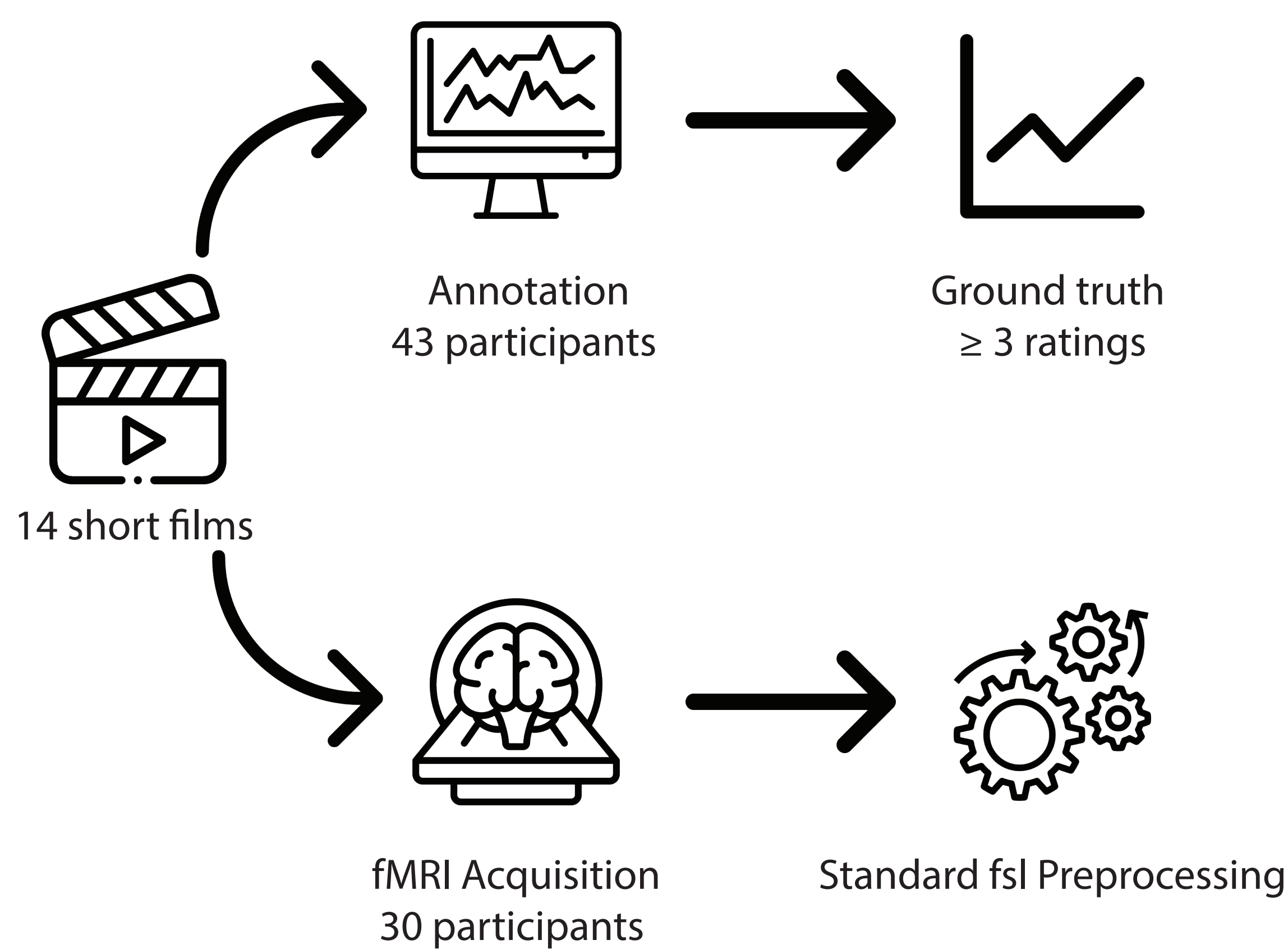
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GOALS

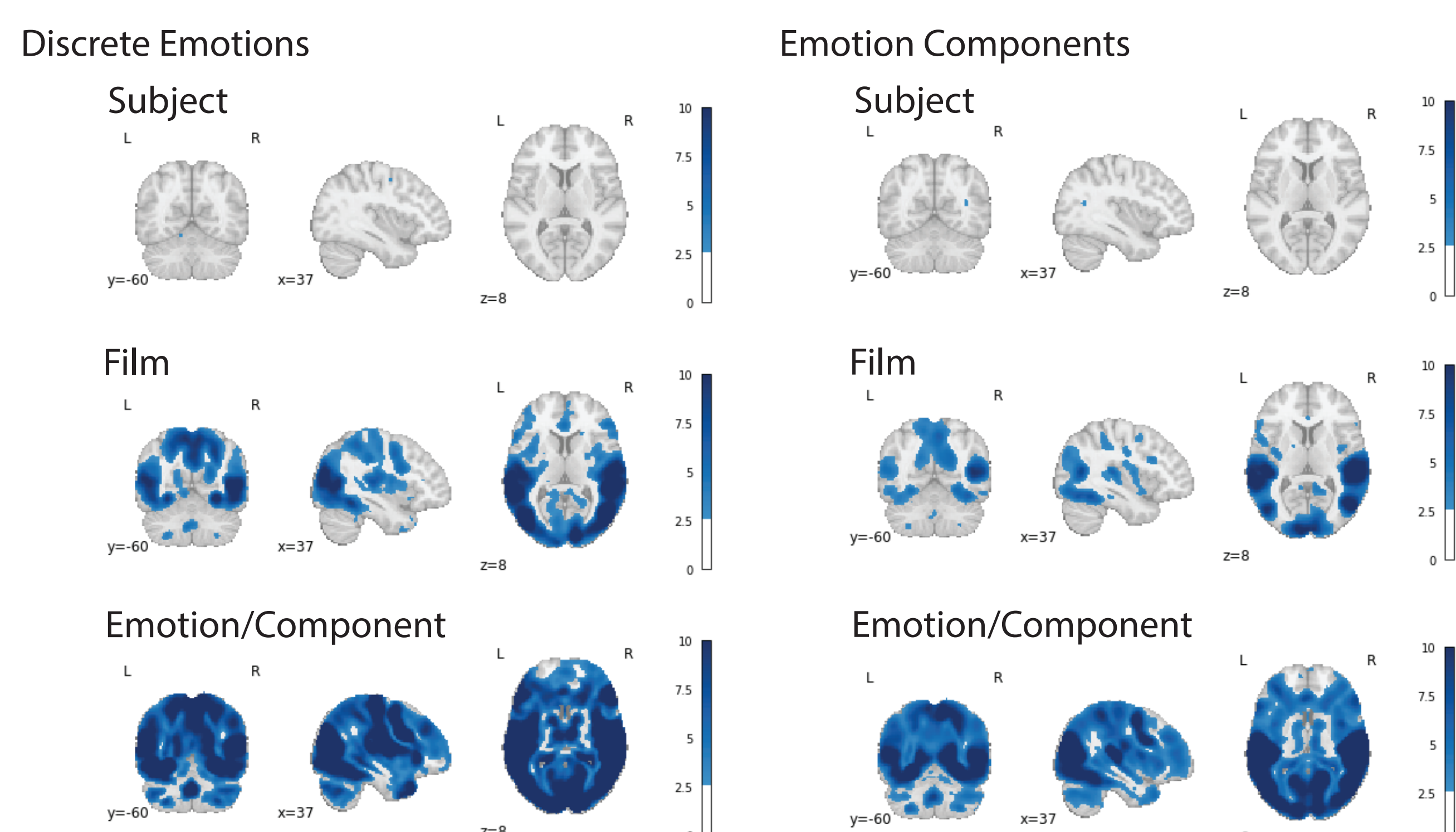
- Understand neural organization of emotion
- Explore evidence for discrete versus componential accounts of emotions
- Applying a multimodal approach including behavioural and fMRI measurements

METHODS



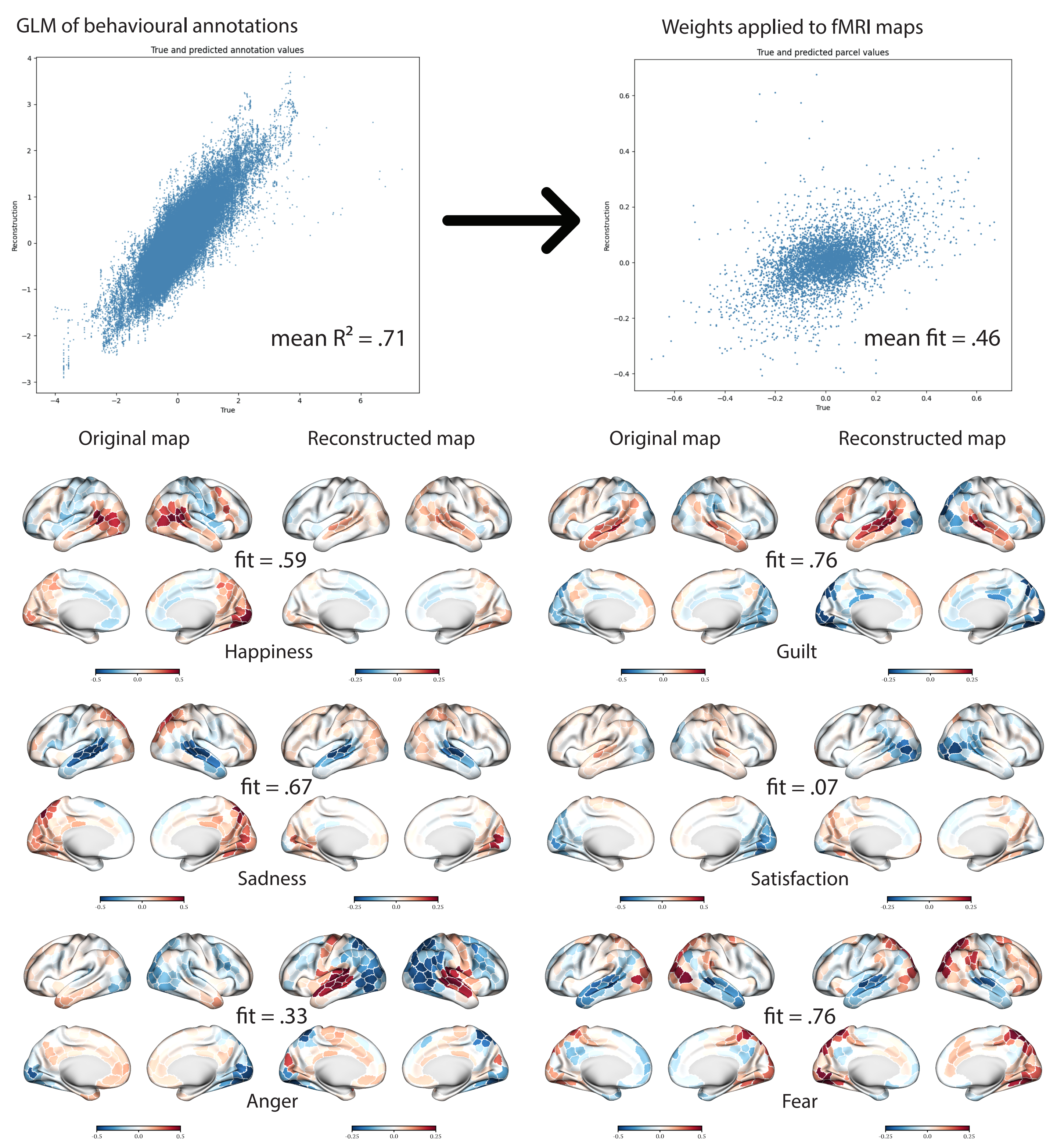
- Ridge Regression to extract brain maps for each subject x film x emotion
- Reconstruction of brain maps for discrete emotions based on components

F-TEST



MAIN RESULT

- Annotations of emotion components predict discrete emotions
- Coefficients from annotations generalize to fMRI to reconstruct discrete emotion maps



CONCLUSION

- Film fMRI captures rich variance related to emotion experience
- Relationship between emotion components and discrete emotions generalizes across samples and modalities
- Important contribution towards understanding the neural organization of emotion in the brain