

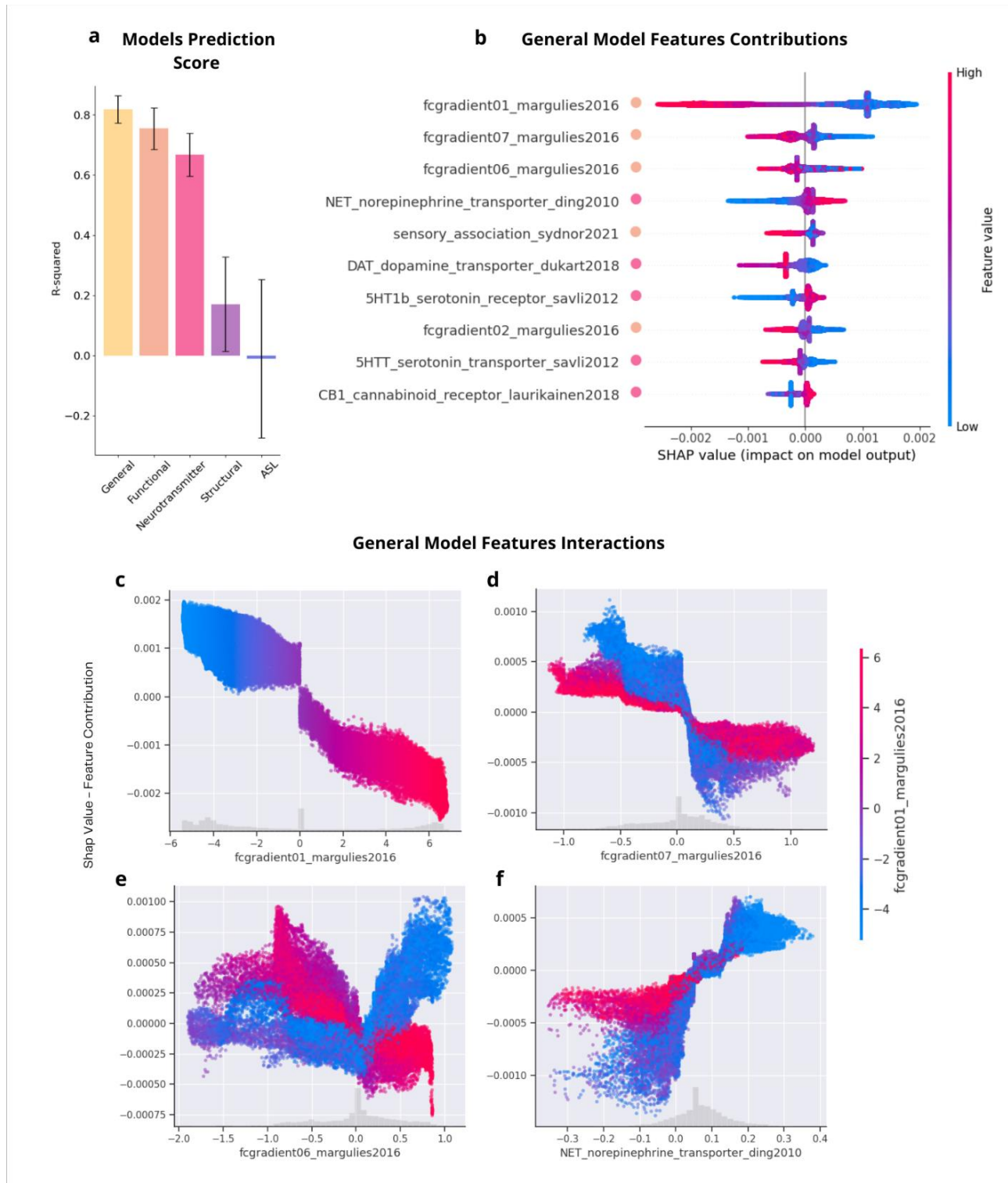


Figure 2: (a) Prediction Scores of CogPC1 Across Different Modalities. The general model, which includes all modalities, is presented alongside models that utilize only one modality: functional (fMRI), neurotransmitter mapping (PET), structural (MRI), and blood flow (ASL). (b) Feature contributions in the general model are displayed, highlighting the impact of the top 10 features, ranked and color-coded by their value. (c-f) The plot displays the four features with the largest contributions, illustrating their relationships with CogPC1. These curves are color-coded by the highest feature value, highlighting the relationship with fcgradient01.