CORRECTION



Correction to: How do you perceive threat? It's all in your pattern of brain activity

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The author found a mistake in their published article. They observed that Fig. 2 presented some mistakes as follow:

- On the top left square: (a) the correct descriptions presented above the brain images are "Patterns of brain activation to threat" and "Patterns of brain activation to neutral". (c) The correct description inside the box is "Multiple Kernel Learning: Learn a predictive function that discriminates between patterns of brain activation to threat versus neutral."
- 2) On the bottom left square: (e) the correct description inside the box is "Measure the classifier's performance using balanced accuracy and receiver operating

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- characteristic (ROC) curve". In the figure beside, the correct description is "Classification Accuracy: 80%".
- 3) On the top right square: (a) the correct description presented above brain images is "Patterns of brain activation to threat" and above the squares with numbers inside is "Threat perception indices". (c) The correct description inside the box is "Multiple Kernel Learning: Learn a predictive function that predicts threat perception indices from patterns of brain activation to threat."
- 4) On the bottom right square: (e) the correct description inside the box is "Measure the agreement between the actual and predicted indices (e.g. correlation and MSE)".

Please see correct Fig. 2 on the next page.

The original article has been corrected.

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Regression Models Classification Models Patterns of brain activation to threat Patterns of brain Patterns of brain **Training Phase Training Phase** indices activation to neutral 12 Subj 1 25 Subj 2 16 (b) Parcellation using anatomical atlas AAL Atlas AAL Atlas Contribution of different brain regions for Contribution of different brain regions for the predictive function the predictive function (c) Multiple Kernel Learning: Learn a predictive function that discriminates between patterns of brain activation to threat versus neutral. (c) Multiple Kernel Learning: Learn a predictive function that predicts threat perception indices from patterns of brain activation to threat. 11% 11% **Testing Phase Testing Phase** New brain pattern Predicted threat perception index Predicted class (d) Apply the predictive function to new subjects (test data). pattern (d) Apply the predictive function to new subjects (test data). 14 Neutral Predicted index 8 50 (e) Measure the classifier's performance using balanced accuracy and receiver operating characteristic (ROC) curve. (e) Measure the agreement between the actual and predicted indices (e.g. correlation and MSE). Classification Accuracy : 80% 12 10 Actual index

