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2 **Supplemental Fig. 2** Anxious behaviors do not correlate with occurrence of PTSD-like
 3 phenotypes.

4 (A) Anxiety levels of stressed mice do not correlate with PTSD-like behaviors. Neither the
 5 amount of time that stressed mice spent in the open arms of the EPM (top left, Pearson
 6 correlations, $R = -0.03426$) nor the number of entries that stressed mice made into open arms
 7 (bottom left, $R = -0.01298$) correlated with the fear generalization indices. Neither the amount

8 of time that stressed mice spent in the open arms of the EPM (top right, $R = -0.01298$) nor the
9 number of entries that stressed mice made into open arms (bottom right, $R = 0.06744$)
10 correlated with freezing responses 24 h after memory extinction.

11 **(B)** Anxiety levels of unstressed control mice do not correlate with PTSD-like behaviors.
12 Neither the amount of time that control mice spent in the open arms of the EPM (top left, $R =$
13 -0.09436) nor the number of entries that control mice made into open arms (bottom left, $R =$
14 0.09593) correlated with the fear generalization indices. Neither the amount of time that control
15 mice spent in the open arms of the EPM (top right, $R = -0.2067$) nor the number of entries that
16 stressed mice made into open arms (bottom right, $R = 0.09174$) correlated with freezing
17 responses 24 h after memory extinction.