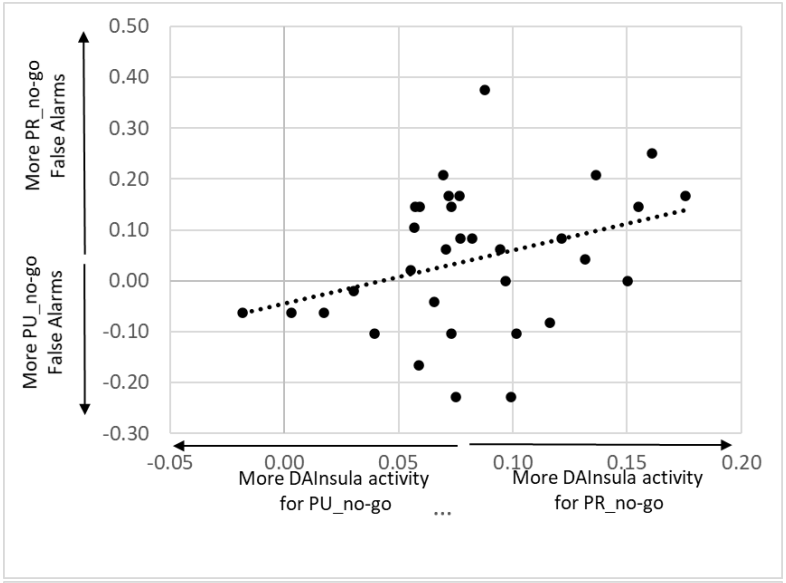
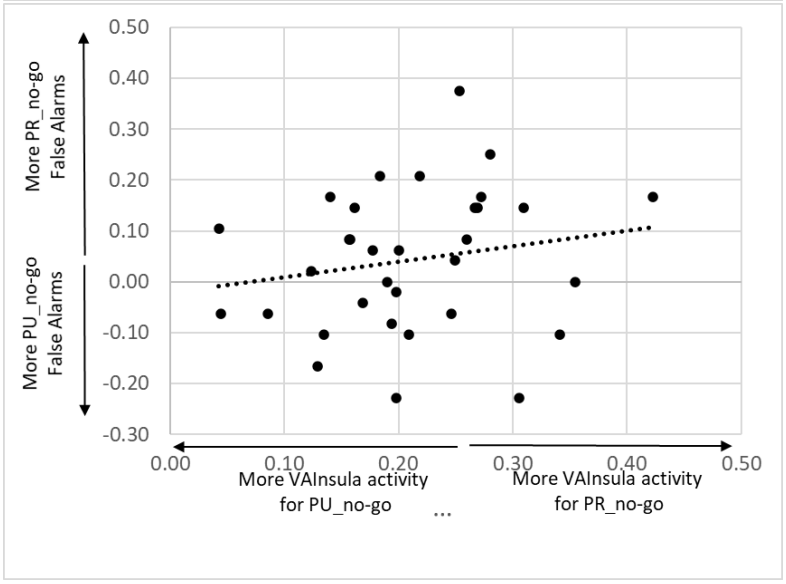
A.


0.50
0.40
0.30
0.20
0.10
0.00
-0.10
-0.20
-0.30
More PR_no-go False Alarms
More PU_no-go False Alarms
-0.05
0.00
0.05
0.10
0.15
0.20
More DAInsula activity for PU_no-go
...
More DAInsula activity for PR_no-go

B.


0.50
0.40
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-0.20
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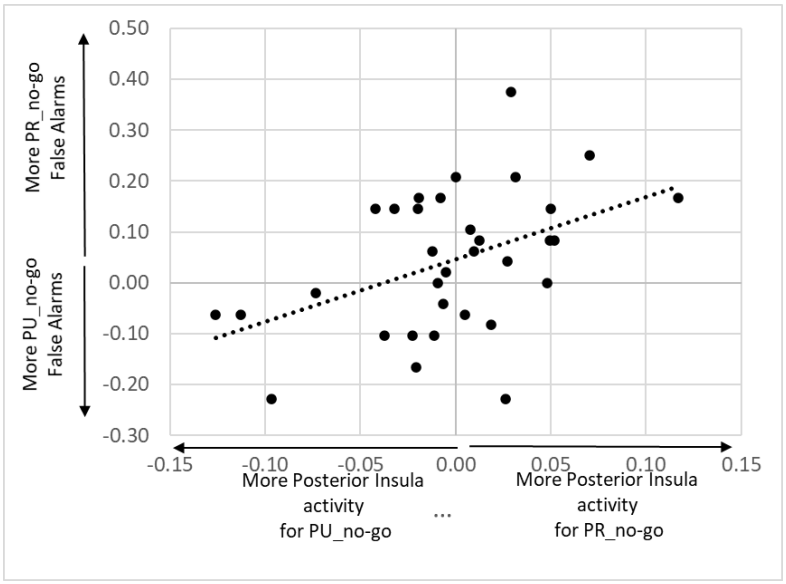
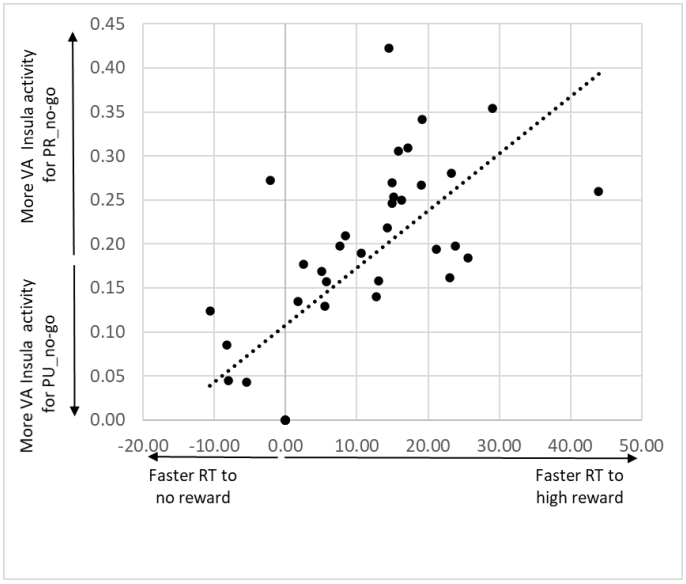
More PR_no-go False Alarms
More PU_no-go False Alarms
0.00
0.10
0.20
0.30
0.40
0.50
More VAInsula activity for PU_no-go
...
More VAInsula activity for PR_no-go

C.

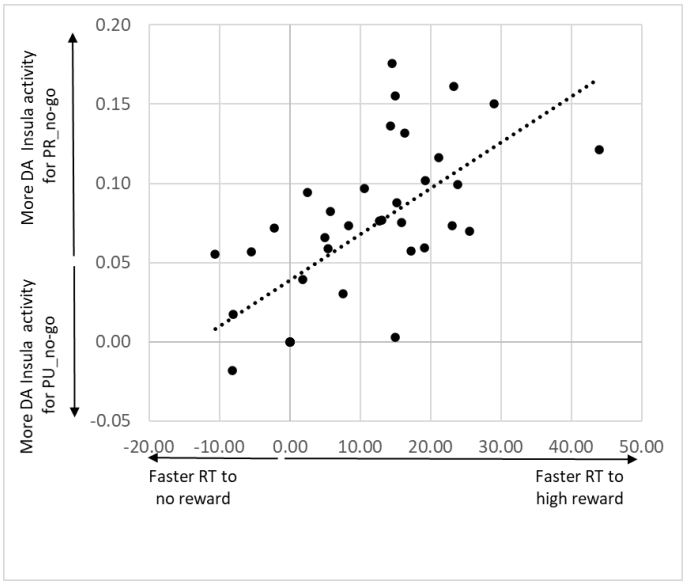


Supplementary Figure 1. *A.* Partial plot of bilateral ventral anterior insula activity on false alarm trials for the contrast previously rewarded > previously unrewarded predicting previously rewarded false alarm rate, while controlling for previously unrewarded false alarm rate. *B.* Partial plot of bilateral dorsal anterior insula activity on false alarm trials for the contrast previously rewarded > previously unrewarded predicting previously rewarded false alarm rate, while controlling for previously unrewarded false alarm rate. *C.* Partial plot of bilateral posterior insula activity on false alarm trials for the contrast previously rewarded > previously unrewarded predicting previously rewarded false alarm rate, while controlling for previously unrewarded false alarm rate.

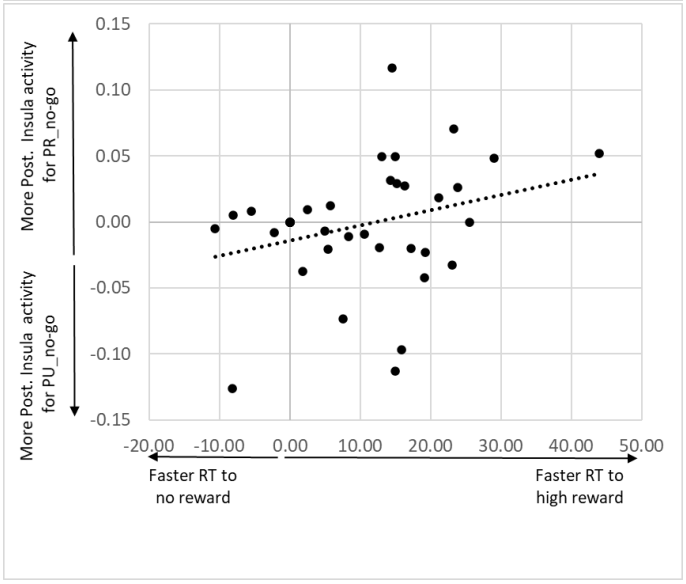
A.



B.



C.



Supplementary Figure 2. Plot of reward biasing on the MID, as measured by RT difference between high reward and no reward stimuli, predicting neural activity on false alarms to previously rewarded No-Go stimuli for the (A) Ventral anterior insula, (B) Dorsal anterior insula, and (C) Posterior Insula