Figure 4: Insula activity predicts magnitude of airway obstruction and cognitive interference of disease-related information during the late phase response to Ag in asthmatic participants.

Percent signal change in the right mid- and posterior insula in response to asthma compared to negative words [As-Ng] and (a) percent peak fall in FEV₁ [Ag-Meth] ($r = -.53, p = .03$) and (b) reaction time to identify the color of As words, relative to Ng words.
[Ag(As-Ng)-Meth(As-Ng)] \((r = .55, p < .05)\) during late phase antigen relative to methacholine challenge.