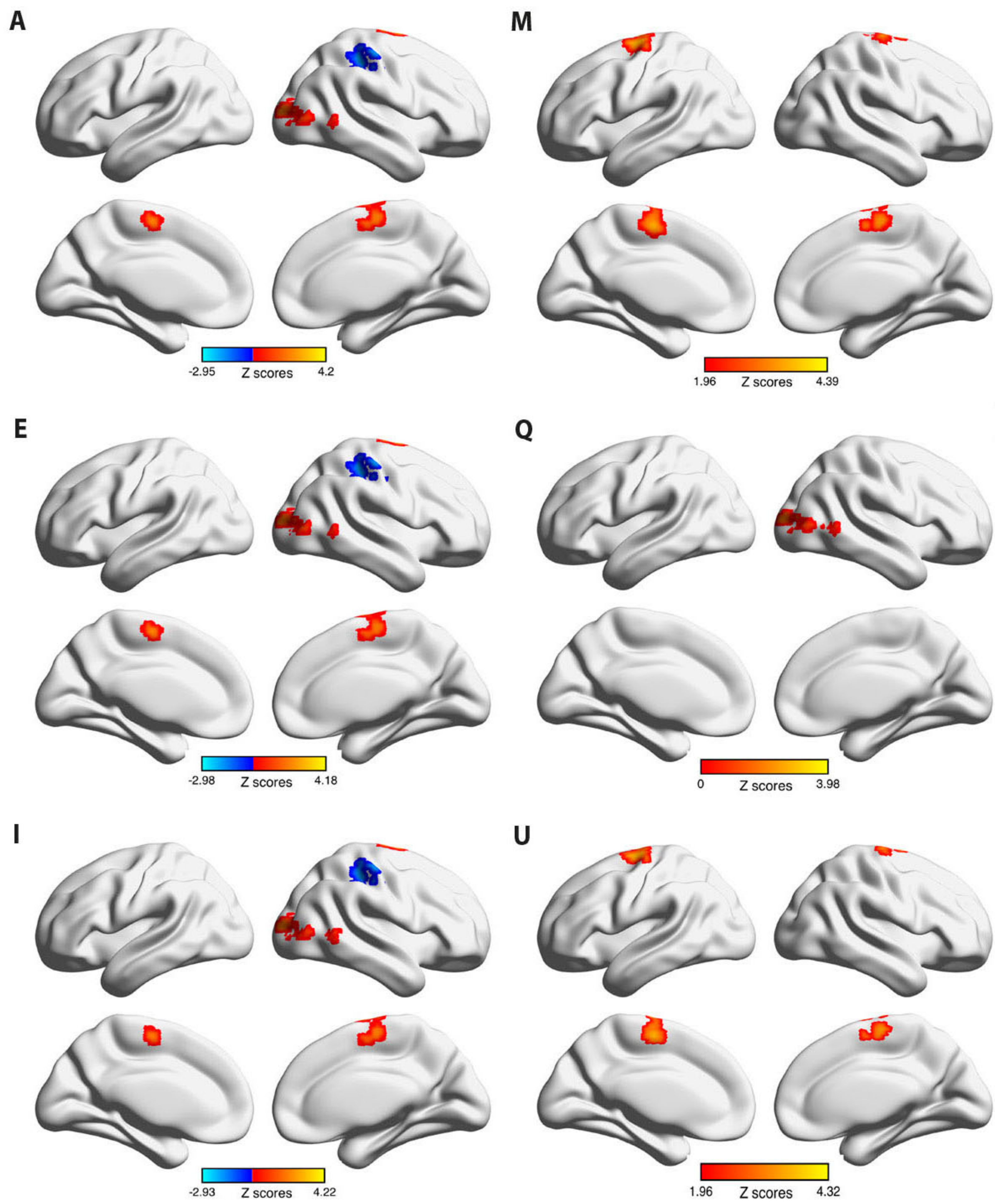
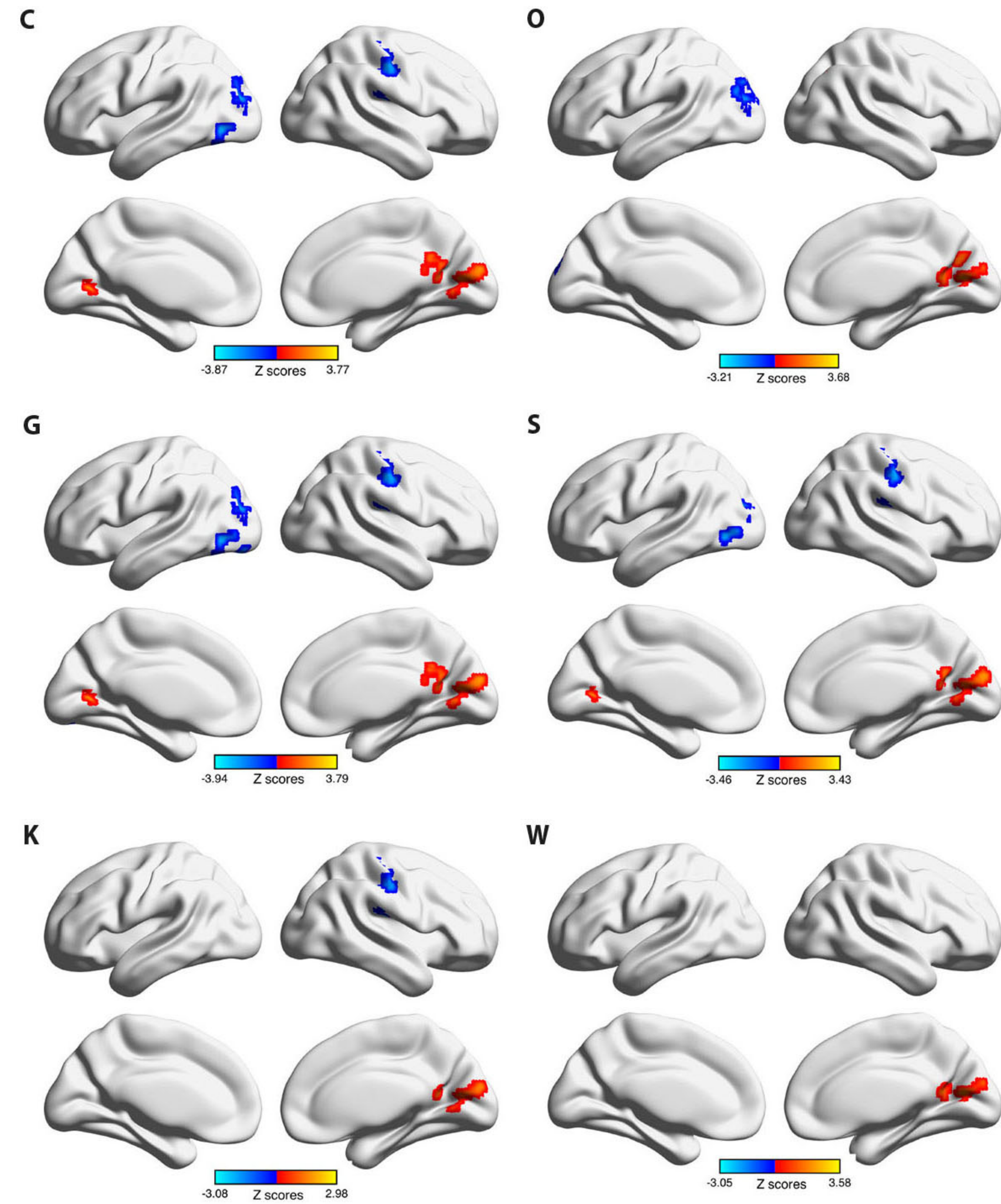


Figure 4. Brain Maps of Lipid Metabolites Associated With the Anterior and Posterior Default Mode Network^a

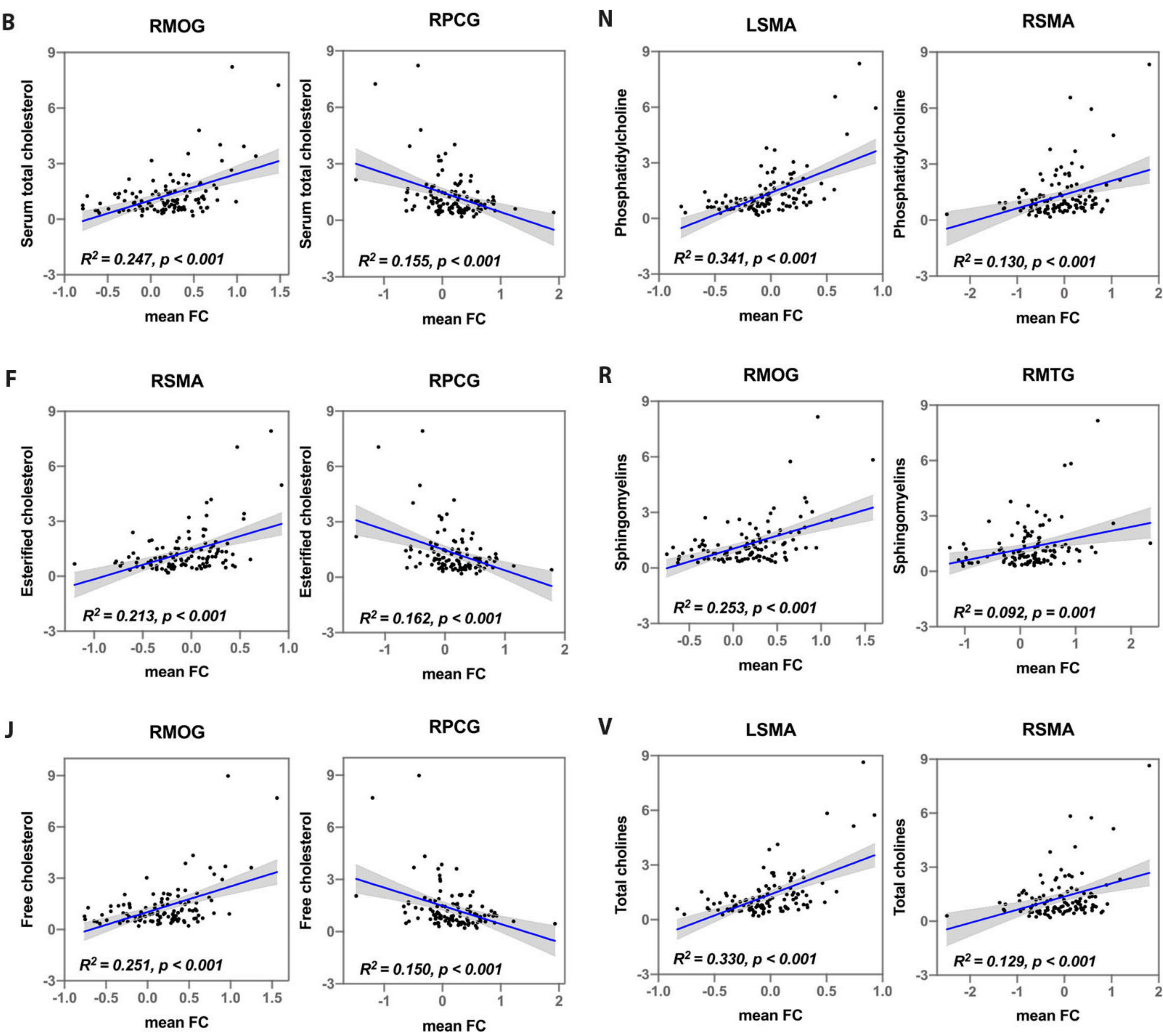
A, E, I, M, Q, and U: Brain maps of total serum cholesterol, esterified cholesterol, free cholesterol, phosphatidylcholine, sphingomyelins, and total cholines, respectively, correlated with the anterior DMN.



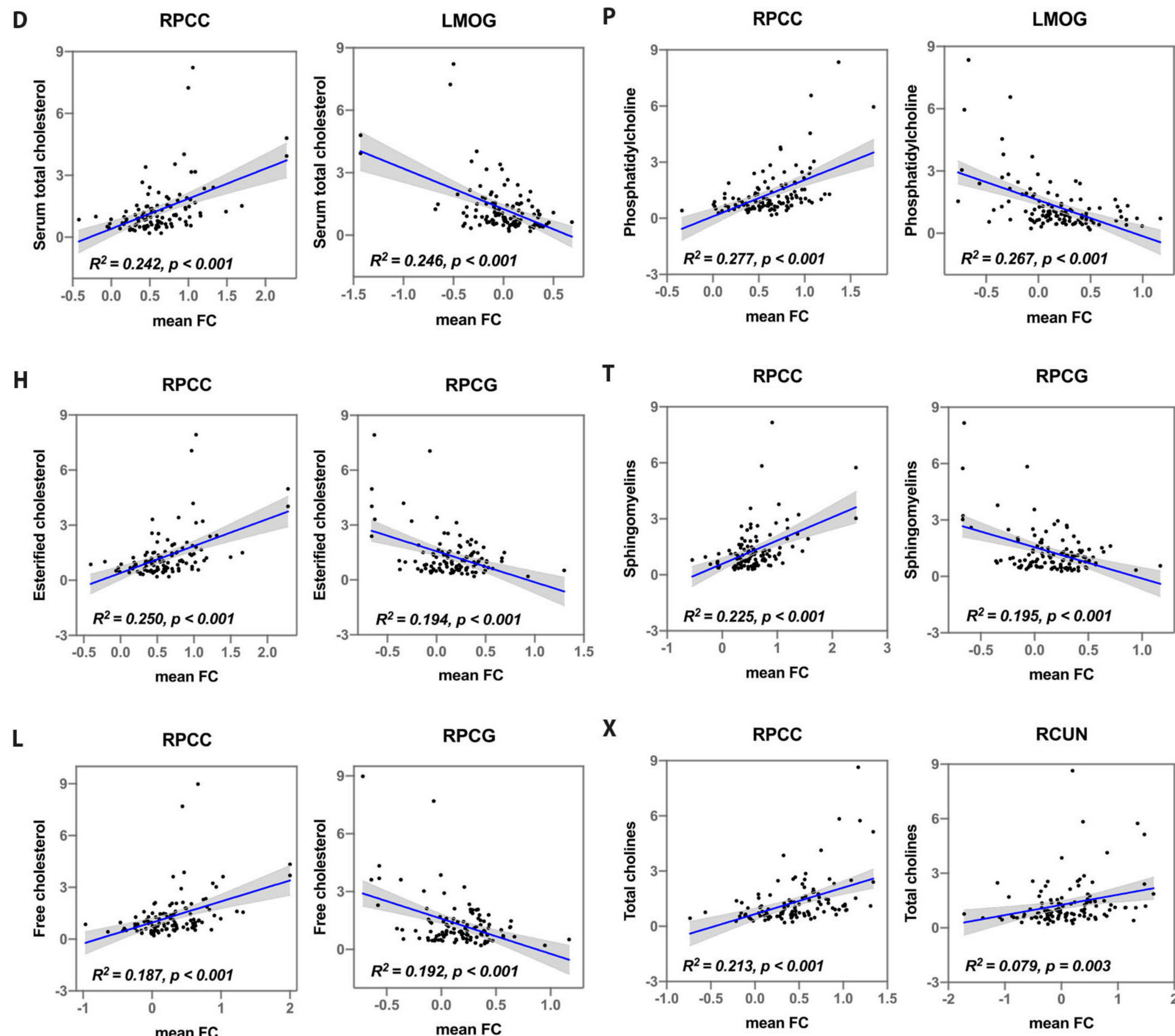
C, G, K, O, S and W: Brain maps of total serum cholesterol, esterified cholesterol, free cholesterol, phosphatidylcholine, sphingomyelins, and total cholines, respectively, correlated with the posterior DMN.



B, F, J, N, R and V: Linear correlation charts of representative regions stemming from the anterior DMN.



D, H, L, P, T and X: Linear correlation charts of representative regions extracted from the posterior DMN.



^aA bright color indicates lipid metabolites positively correlated with the anterior DMN, and a blue color indicates a negative correlation between them. The color bar indicates z scores. Abbreviations: DMN = default mode network, FC = functional connectivity, LMOG = left middle occipital gyrus, LSMA = left supplementary motor area, RCUN = right cuneus, RMOG = right middle occipital gyrus, RMTG = right middle temporal gyrus, RPCC = left posterior cingulate cortex, RPCG = right precentral gyrus, RSMA = right supplementary motor area.