Figure. First component of the Canonical Partial Least Square (PLS). PLS is trained on the healthy cohort (HC) only. **(A)** shows the value of latent variables for the HC and projected onto the clinical cohort. To estimate the robustness of the weights attributed to each feature, a bootstrapping test with 1000 re-sampling was performed. **(B)** shows the mean weights attributed to each sulcus. **(C)** represents the sum of the mean weights assigned by cognitive domain.