Supplementary material

We obtain the functional connectivity fluctuation across each pair of nodes using tdFC and sdFC graphs. The mean and standard deviation across the HC and the SZ group using the tdFC graphs from GICA result are shown in Figure 1. The mean and standard deviation across the HC and the SZ group using the tdFC graphs from pt-cIVA are shown in Figure 2. The mean and standard deviation across the HC and the SZ group using the sdFC graphs from pt-cIVA are shown in Figure 3.

(a) Mean across HC group

(b) Mean across SZ group

(c) Standard deviation across HC group
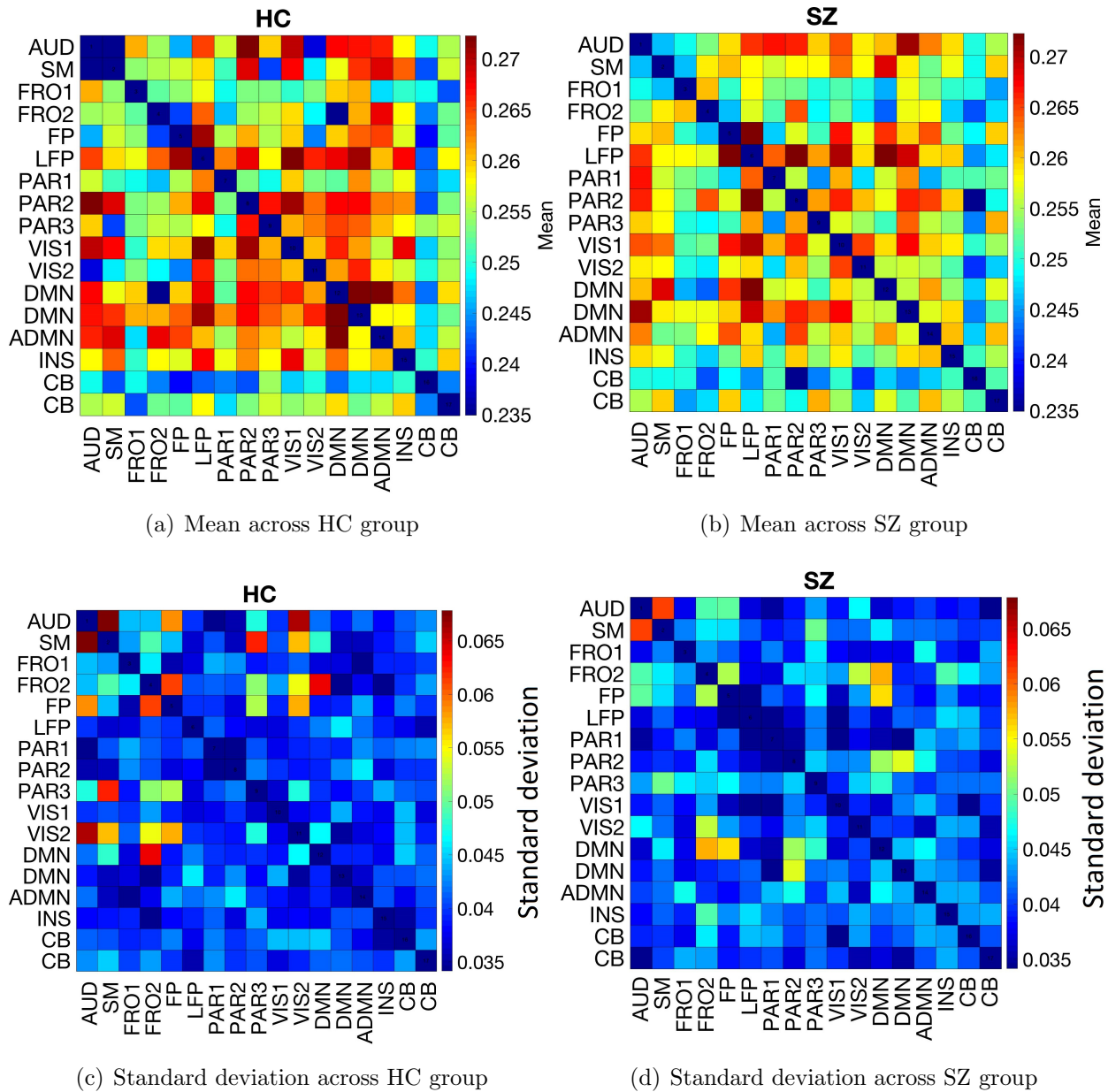
(d) Standard deviation across SZ group

Figure 1: The mean across the HC (a) and the SZ group (b) using the tdFC graphs from GICA. The standard deviation across the HC (c) and the SZ group (d) using the tdFC graphs from GICA.
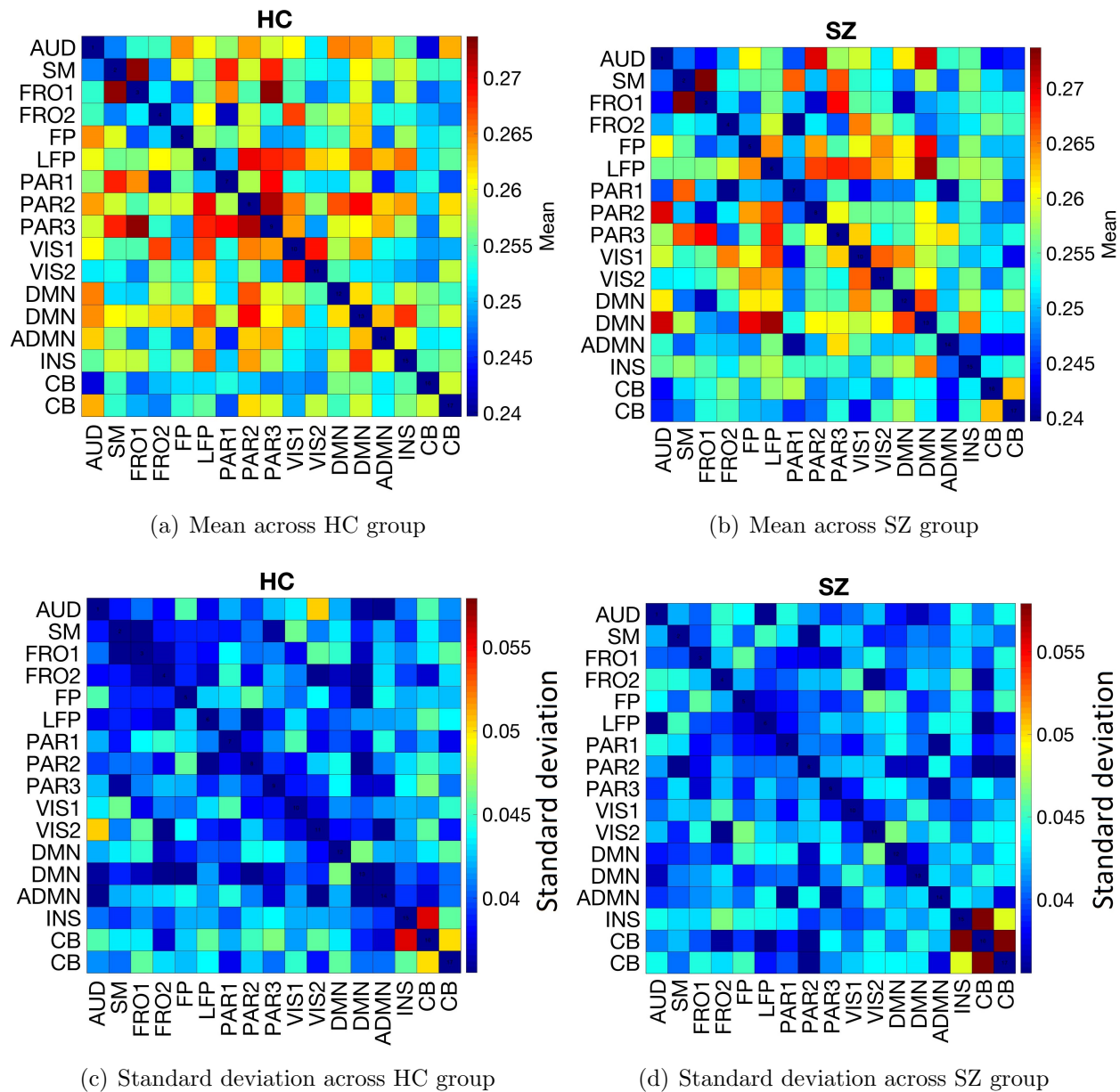
(a) Mean across HC group

(b) Mean across SZ group

(c) Standard deviation across HC group

(d) Standard deviation across SZ group

Figure 2: The mean across the HC (a) and the SZ group (b) using the tdFC graphs from pt-cIVA. The standard deviation across the HC (c) and the SZ group (d) using the tdFC graphs from pt-cIVA.
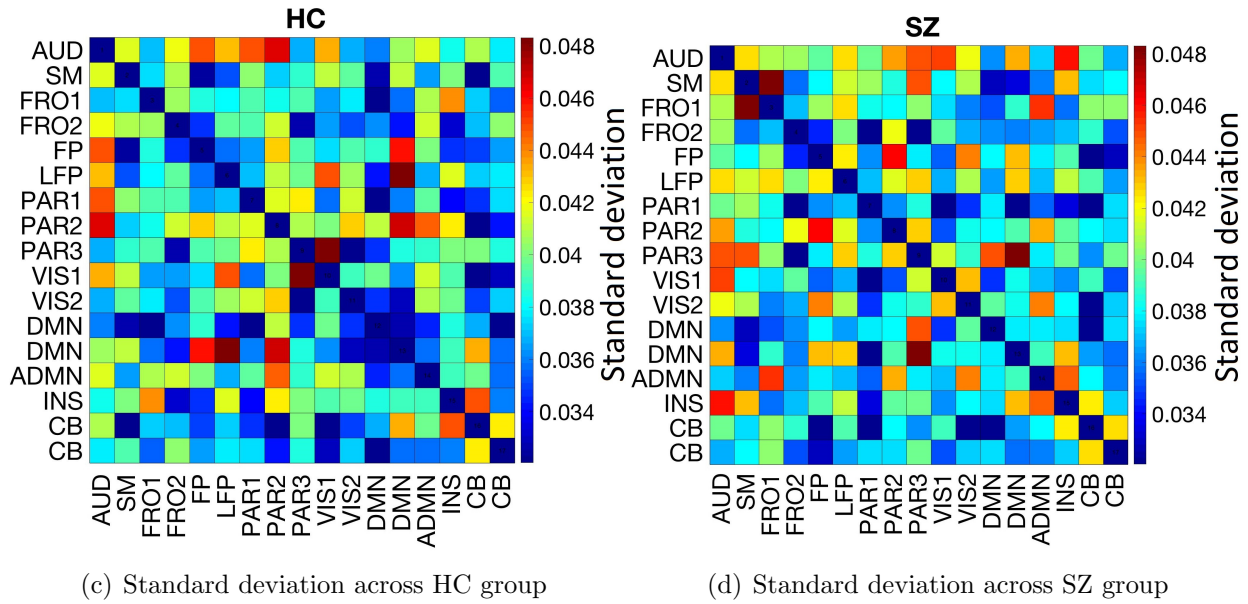
(a) Mean across HC group

(b) Mean across SZ group

(c) Standard deviation across HC group
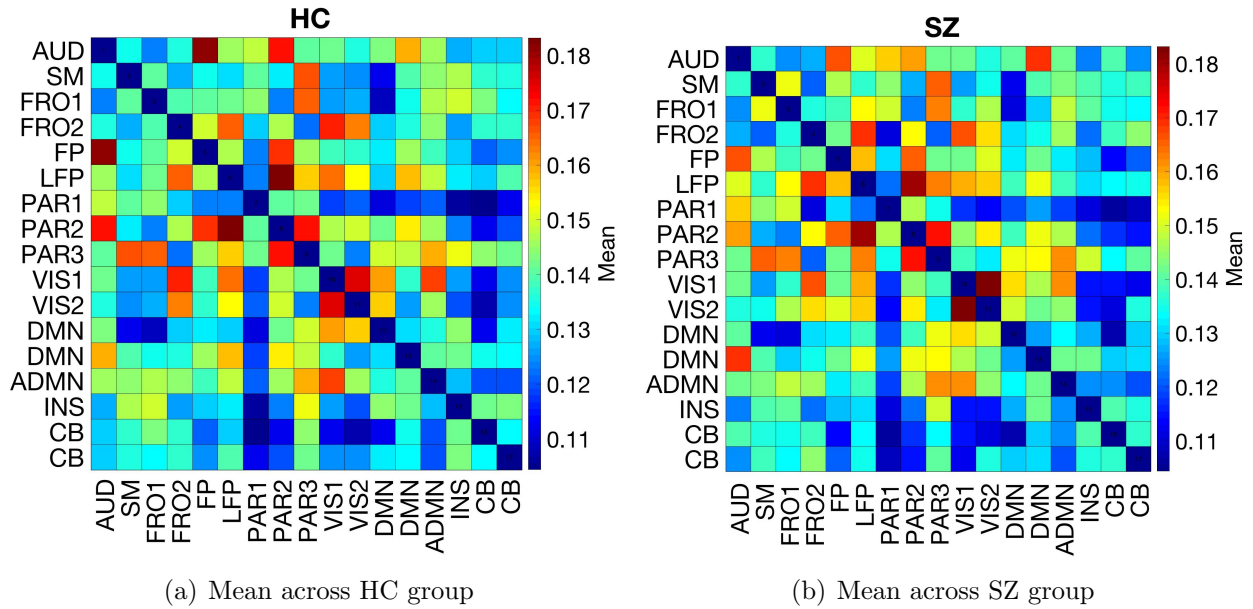
(d) Standard deviation across SZ group

Figure 3: The mean across the HC (a) and the SZ group (b) using the sdFC graphs from pt-cIVA. The standard deviation across the HC (c) and the SZ group (d) using the sdFC graphs from pt-cIVA.