

Supplemental Table 3. Regions of structural cortical network (sparsity = 13%) in the AD subjects and their statistical properties

Regions	Class	b_i	k_i
LOFG.R	Paralimbic	3.39	13
CING.R	Paralimbic	3.00	18
LING.L	Association	2.87	13
LOTG.L	Association	2.33	8
LING.R	Association	2.31	10
MTG.L	Association	2.25	5
SOG.R	Association	2.06	9
MOFG.L	Association	1.94	5
MOFG.R	Association	1.91	12
STG.L	Primary	1.81	7
UNC.L	Association	1.81	7
SMG.L	Paralimbic	1.57	6
IFG.L	Paralimbic	1.55	9
MFG.R	Association	1.52	12
PCU.L	Association	1.45	12
SMG.R	Association	1.43	8
OP.L	Primary	1.39	7
SFG.R	Association	1.38	11
PoCG.R	Primary	1.24	12
SFG.L	Association	1.18	11
CUN.L	Association	1.05	9
OP.R	Primary	1.00	12
CING.L	Paralimbic	0.99	14
IFG.R	Association	0.92	7
PrCG.R	Primary	0.91	11
ITG.L	Association	0.89	8
PoCG.L	Primary	0.88	5
IOG.R	Association	0.87	3
MTG.R	Association	0.83	5

INS.L	Paralimbic	0.81	2
MOTG.L	Association	0.80	8
SOG.L	Association	0.70	9
PrCG.L	Primary	0.69	9
ITG.R	Association	0.64	11
LOFG.L	Paralimbic	0.58	2
MOG.R	Association	0.49	2
PHG.L	Paralimbic	0.49	8
UNC.R	Paralimbic	0.44	5
MdFG.L	Association	0.37	7
MdFG.R	Association	0.26	4
MFG.L	Association	0.21	4
MOTG.R	Association	0.17	5
PHG.R	Paralimbic	0.16	5
INS.R	Paralimbic	0.13	2
ANG.R	Association	0.10	2
SPL.R	Association	0.08	8
STG.R	Association	0.06	2
IOG.L	Association	0.06	3
SPL.L	Association	0.03	2
LOTG.R	Association	0.02	3
ANG.L	Association	0.00	1
PCU.R	Association	0.00	2
MOG.L	Association	0.00	1
CUN.R	Association	0.00	4

All of regions in the structural cortical network in the AD group, were listed in a descending order of the normalized betweenness, b_i . The regions were classified as Primary, Associations and Paralimbic as described by Mesulam (1998). k_i denotes the degree of region i . For the abbreviation of regions, see Supplemental Table 1.