

Supplemental Table 5 Information for the 12 Most Important Clusters.

Cluster ID	Size	Silhouette	Mean (Year)	LLR (top terms)
0	34	0.93	2018	cerebral ischemic preconditioning (17.84, 1.0E ⁻⁴)
1	29	0.99	2011	ischemic stroke subtype (10.38, 0.005)
2	28	0.93	2019	ischemic stroke injury (17.31, 1.0E ⁻⁴)
3	28	0.9	2017	chronological age (23.27, 1.0E ⁻⁴)
4	23	0.97	2019	apoe gene (5.43, 0.05)
5	22	0.92	2017	epigenetic pathway (16.04, 1.0E ⁻⁴)
6	17	0.86	2019	allele-specific methylation (16.85, 1.0E ⁻⁴)
7	16	0.93	2020	AF-related ischemic stroke (23.63, 1.0E ⁻⁴)
8	15	0.97	2018	recurrent stroke (7.75, 0.01)
9	11	0.98	2022	transcription (8.15, 0.005)