

Group	Age (months)	Amyloid-PET									TSPO-PET
		n	Moderate asymmetry (>/< 95%-CI _{WT})				Strong asymmetry (>/< 99%-CI _{WT})				n
			Left (n, % per subgroup)	Left (n, % per model)	Right (n, % per subgroup)	Right (n, % per model)	Left (n, % per subgroup)	Left (n, % per model)	Right (n, % per subgroup)	Right (n, % per model)	
APP/PS1	3	6	0 (0%)	20%	0 (0%)	22%	0 (0%)	15%	0 (0%)	22%	0
	6	14	3 (21%)		3 (21%)		2 (14%)		3 (21%)		14
	9	6	1 (16%)		1 (17%)		1 (17%)		1 (17%)		5
	12	15	4 (27%)		5 (33%)		3 (20%)		5 (33%)		8
PS2APP	6 - 8	55	15 (27%)	30%	12 (22%)	19%	10 (18%)	21%	9 (16%)	16%	13
	9 - 10	42	16 (38%)		9 (21%)		14 (33%)		9 (21%)		10
	11 - 14	36	12 (33%)		5 (14%)		7 (19%)		4 (11%)		0
	15 - 17	14	1 (7%)		2 (20%)		0 (0%)		2 (14%)		0
APP-SL70	4 - 6	130	21 (16%)	18%	20 (15%)	16%	12 (9%)	12%	16 (12%)	13%	0
	7 - 9	37	6 (16%)		6 (16%)		5 (14%)		5 (14%)		8
	10 - 12	31	8 (26%)		7 (23%)		6 (19%)		5 (16%)		10
	13 - 15	10	3 (30%)		1 (10%)		2 (20%)		1 (10%)		8
App ^{NL-G-F}	2.5	20	4 (20%)	29%	5 (25%)	20%	3 (15%)	10%	4 (20%)	18%	17
	5	17	4 (24%)		3 (18%)		1 (6%)		3 (18%)		15
	7.5	9	4 (44%)		2 (22%)		2 (22%)		2 (22%)		11
	10	9	4 (44%)		1 (11%)		2 (22%)		1 (11%)		12
APP ^{swe}	9 - 12	26	3 (12%)	6%	2 (8%)	26%	1 (4%)	2%	2 (8%)	22%	0
	13 - 16	30	1 (3%)		11 (37%)		0 (3%)		10 (33%)		0
	17 - 20	16	0 (0%)		6 (38%)		0 (0%)		4 (25%)		0
C57BL/6 (wild-type)	2.5 - 16	27									

Supplemental Table 1 – Overview of the animal cohorts studied by Aβ-PET and TSPO-PET and their frequency of asymmetry in Aβ-PET