

Table S1. 99% confidence intervals (CIs) for differences

Data	from	different	groups
99% CIs			
A β [0.0033 to 0.1954]	(1-42)	in	WT mice
A β [1.1059 to 1.8566]	(1-42)	in	APP mice
Latency [39.0809 to 53.5191]	time-Day 1	in	WT-con mice
Latency [29.3752 to 42.6249]	time-Day 2	in	WT-con mice
Latency [17.3846 to 27.0154]	time-Day 3	in	WT-con mice
Latency [9.7437 to 15.8563]	time-Day 4	in	WT-con mice
Latency [50.2474 to 57.7526]	time-Day 1	in	APP-con mice
Latency [42.4719 to 53.9281]	time-Day 2	in	APP-con mice
Latency [30.5260 to 42.6741]	time-Day 3	in	APP-con mice
Latency [20.5252 to 27.6748]	time-Day 4	in	APP-con mice
Latency [47.3791 to 58.8209]	time-Day 1	in	WT-iso mice
Latency [38.4083 to 53.1917]	time-Day 2	in	WT-iso mice
Latency [21.8427 to 37.5573]	time-Day 3	in	WT-iso mice
Latency [12.1353 to 18.0647]	time-Day 4	in	WT-iso mice
Latency [56.1681 to 61.0320]	time-Day 1	in	APP-iso mice
Latency [49.5029 to 59.0971]	time-Day 2	in	APP-iso mice
Latency [40.8097 to 51.5903]	time-Day 3	in	APP-iso mice
Latency [33.0387 to 47.1613]	time-Day 4	in	APP-iso mice
Latency	time (%)-Day	1	in WT-iso mice

[0.3794 to 24.6206]						
Latency	time	(%)-Day	2	in	WT-iso	mice
[6.6896 to 47.7548]						
Latency time (%)-Day 3 in WT-iso mice						[-
1.6095 to 69.1770]						
Latency time (%)-Day 4 in WT-iso mice						[-
5.1930 to 41.1305]						
Latency	time	(%)-Day	1	in	APP-iso	mice
[4.0149 to 13.0221]						
Latency	time	(%)-Day	2	in	APP-iso	mice
[2.7031 to 22.6081]						
Latency	time	(%)-Day	3	in	APP-iso	mice
[11.5018 to 40.9572]						
Latency	time	(%)-Day	4	in	APP-iso	mice
[37.0901 to 95.6900]						
Platform quadrant time in WT-con mice						
[38.8761 to 47.9239]						
Platform quadrant time in WT-iso mice						
[24.1361 to 35.0638]						
Platform	quadrant	time		in	APP-con	mice
[30.6865 to 39.7135]						
Platform	quadrant	time		in	APP-iso	mice
[17.9418 to 24.6582]						
Tau[pS262]		in		WT-con		mice
[0.0317 to 0.0705]						
Tau[pS262]		in		WT-1d		mice
[0.2131 to 0.2954]						
Tau[pS262]		in		WT-3d		mice
[0.0627 to 0.1432]						
Tau[pS262]		in		WT-7d		mice
[0.0334 to 0.0722]						
Tau[pS262]		in		APP-con		mice
[0.1367 to 0.1739]						
Tau[pS262]		in		APP-1d		mice
[2.4225 to 3.5644]						
Tau[pS262]		in		APP-3d		mice
[0.8556 to 1.1742]						
Tau[pS262]		in		APP-7d		mice
[0.3385 to 0.6578]						
Total Tau in WT-1d mice (compared to WT-con group)					[-0.1775 to	
0.1842]						

Total Tau in WT-3d mice (compared to WT-con group)	[-0.1512 to 0.1346]
Total Tau in WT-7d mice (compared to WT-con group)	[-0.1204 to 0.1671]
Total Tau in APP-con mice (compared to WT-con group)	[-0.1281 to 0.0847]
Total Tau in APP-1d mice (compared to WT-con group)	[-0.1617 to 0.1017]
Total Tau in APP-3d mice (compared to WT-con group)	[-0.1448 to 0.1581]
Total Tau in APP-7d mice (compared to WT-con group)	[-0.1068 to 0.1367]

Note that the last 7 rows correspond to Figure 3c and the statement in the text of no significant effect.