



Supplemental Figure 1 - Axial slices of the 4 ROIs used for SUVR analyses.

Cross-Sectional Comparison		Tau-IQ		SUVR			
Group 1	Group 2	Global Tau Load	Local Tau Load	Jack Meta ROI	Braak 12	Braak 34	Braak 56
AD+	AD-	1.10 [0.90, 1.38]	0.82 [0.66, 1.04]	1.19 [0.93, 1.57]	1.35 [0.99, 1.86]	1.07 [0.88, 1.34]	0.86 [0.67, 1.10]
AD+	MCI+	0.90 [0.57, 1.27]	0.77 [0.43, 1.12]	0.77 [0.42, 1.14]	0.55 [0.19, 0.93]	0.81 [0.47, 1.18]	0.77 [0.45, 1.10]
AD+	MCI-	1.81 [1.52, 2.21]	1.27 [0.96, 1.65]	1.94 [1.60, 2.45]	1.86 [1.45, 2.43]	1.71 [1.41, 2.09]	1.33 [1.06, 1.68]
AD+	CN+	1.28 [1.00, 1.63]	1.06 [0.80, 1.37]	1.37 [1.05, 1.79]	1.43 [1.09, 1.88]	1.25 [0.96, 1.61]	1.00 [0.72, 1.31]
AD+	CN-	2.70 [2.27, 3.27]	1.95 [1.50, 2.52]	2.64 [2.16, 3.27]	2.46 [2.00, 3.03]	2.37 [1.92, 2.91]	1.90 [1.49, 2.38]
AD-	MCI+	-0.75 [-1.04, -0.50]	-0.53 [-0.66, -0.41]	-0.88 [-1.23, -0.57]	-1.04 [-1.51, -0.64]	-0.85 [-1.15, -0.61]	-0.71 [-1.05, -0.41]
AD-	MCI-	0.09 [-0.51, 0.70]	-0.13 [-0.27, 0.12]	0.18 [0.43, 0.87]	0.00 [-0.54, 0.61]	-0.04 [-0.54, 0.45]	-0.13 [-0.67, 0.42]
AD-	CN+	-0.54 [-0.95, 0.15]	-0.42 [-0.57, -0.27]	-0.41 [-0.90, 0.07]	-0.43 [-1.00, 0.14]	-0.51 [-0.91, -0.17]	-0.53 [-0.99, -0.10]
AD-	CN-	0.29 [-0.26, 0.85]	-0.08 [-0.16, 0.14]	0.19 [-0.38, 0.77]	0.06 [-0.54, 0.68]	-0.05 [-0.48, 0.34]	-0.17 [-0.68, 0.34]
MCI+	MCI-	1.09 [0.86, 1.37]	0.60 [0.30, 0.91]	1.29 [1.00, 1.63]	1.27 [0.91, 1.71]	1.14 [0.88, 1.44]	0.84 [0.55, 1.12]
MCI+	CN+	0.49 [0.18, 0.78]	0.44 [0.15, 0.68]	0.71 [0.39, 1.05]	0.88 [0.55, 1.25]	0.62 [0.31, 0.94]	0.40 [0.08, 0.71]
MCI+	CN-	1.53 [1.21, 1.88]	0.90 [0.53, 1.31]	1.58 [1.21, 2.01]	1.62 [1.25, 2.05]	1.34 [0.98, 1.72]	0.97 [0.62, 1.31]
MCI-	CN+	-0.74 [-1.04, -0.46]	-0.23 [-0.71, 0.05]	-0.64 [-0.95, -0.34]	-0.43 [-0.79, -0.12]	-0.58 [-0.87, -0.30]	-0.49 [-0.78, -0.19]
MCI-	CN-	0.20 [-0.01, 0.44]	0.09 [-0.12, 0.34]	0.02 [-0.18, 0.24]	0.06 [-0.18, 0.29]	-0.02 [-0.22, 0.20]	-0.04 [-0.25, 0.19]
CN+	CN-	1.00 [0.68, 1.35]	0.39 [0.10, 0.97]	0.69 [0.39, 1.03]	0.55 [0.26, 0.85]	0.57 [0.28, 0.89]	0.49 [0.19, 0.81]

Supplemental Table 1: Effect sizes and 95% confidence intervals for [¹⁸F]Flortaucipir Tau_L, Local Tau Load and SUVR outcome measures derived from all group comparisons.