

Supplementary S3: Multiple regression models predicting the binding cost in the two or three items conditions

	Binding Cost two items		Binding Cost three items	
	β (SE)	p-val (η^2p)	β (SE)	p-val (η^2p)
Entire sample				
Model 1 (n=91) (R^2)		<.001 (.230)		.719 (.050)
Intercept	-22.15 (13.45)	.138 (.026)	-9.02 (18.54)	.638 (.003)
Entorhinal Tau (SUVR)	6.85 (2.05)	.001 (.116)	3.79 (2.83)	.184 (.021)
Age (y)	.248 (.150)	.101 (.031)	.12 (.21)	.561 (.004)
Education (y)	.05 (.36)	.882 (.000)	.53 (.49)	.287 (.013)
Sex	-8.97 (5.77)	.776 (.001)	1.63 (7.42)	.952 (.000)
Cognitive Status	6.189 (4.58)	.639 (.003)	1.76 (6.31)	.938 (.000)
Delay VSTMBT-PET	.001 (.311)	.723 (.001)	.001 (.001)	.397 (.008)
Model 2 (n=81) (R^2)		<.001 (.341)		.688 (.085)
Intercept	-31.38 (14.8)	<.114 (.035)	-8.31 (21.66)	.593 (.004)
Entorhinal Tau (SUVR)	8.62 (2.63)	.002 (.133)	4.97 (3.85)	.202 (.023)
Age (y)	.04 (.38)	.807 (.001)	.14 (.25)	.583 (.004)
Education (y)	.52 (.320)	.179 (.026)	.36 (.56)	.525 (.006)
Sex	11.62 (8.66)	.345 (.013)	-10.29 (12.68)	.325 (.014)
Cognitive Status	15.36 (5.34)	.165 (.027)	2.23 (7.82)	.498 (.007)
A β -PET (Centiloid)	.01 (.06)	.109 (.036)	-.01 (.090)	.884 (.000)
WM Hypointensities	.001 (.001)	.214 (.022)	.001 (.00)	.491 (.007)
Delay VSTMBT-PET	0.001 (.001)	.419 (.009)	0.001 (.001)	.360 (.012)
CN only				
Model 3 (n=73) (R^2)		<.001 (.245)		.027 (.162)
Intercept	121.97 (14.58)	<.001 (.517)	110.02 (16.75)	<.001 (.392)
Entorhinal Tau (SUVR)	-10.87 (3.02)	<.001 (.156)	-10.35 (3.47)	.004 (.006)
Age (y)	-.27 (.16)	.097 (.039)	-.13 (.19)	.503 (.031)
Education (y)	-.26 (.44)	.563 (.005)	-.97 (.51)	.061 (.049)
Sex	3.04 (2.53)	.234 (.020)	-.07 (2.91)	.980 (.000)
Delay VSTMBT-PET	-.001 (.001)	.660 (.003)	-.001 (.001)	.969 (.000)
Model 4 (n=71) (R^2)		<.001 (.325)		<.001 (.313)
Intercept	111.20 (13.87)	<.001 (.515)	107.52 (15.74)	<.001 (.432)
Entorhinal Tau (SUVR)	-9.03 (3.12)	<.005 (.116)	-9.80 (3.54)	<.007 (.107)
Age (y)	-.045 (.18)	.799 (.001)	-.03 (.20)	.876 (.000)
Education (y)	-.36 (.42)	.393 (.011)	-.937 (.472)	.051 (.058)
Sex	2.32 (2.46)	.349 (.014)	.72 (2.78)	.796 (.001)
A β -PET (Centiloid)	-.13 (.064)	.039 (.065)	-.10 (.07)	.152 (.032)
WM Hypointensities	-.001 (.000)	.149 (.032)	-.001 (.000)	.026 (.075)
Delay VSTMBT-PET	-.001 (.001)	.451 (.009)	-.001 (.001)	.544 (.006)