

Supplementary Table 8

A) CLSM results demonstrating connectome connections whose lower link weight was associated with worse word comprehension not controlling for object recognition (including all 67 subjects):  $p < 0.050$  permutation correction:  $z < -4.08$   $z > 2.32$ .

Abbreviated Name	-	Abbreviated Name	Z
MTG_L	-	ITG_L	3.5474962
MTG_L	-	PSMG_L	3.4956774
SMG_L	-	AG_L	3.3487687
STG_L	-	MTG_L	3.1317986
STG_L	-	PSMG_L	3.0652266
STG_L	-	PSTG_L	3.0040824
STG_L	-	MTG_L_pole	3.0014389
AG_L	-	PSTG_L	2.9534619
IFG_opercularis_L	-	IFG_triangularis_L	2.9362191
MTG_L	-	MTG_L_pole	2.9324968
PCC_L	-	PSMG_L	2.8613513
ITG_L	-	PCC_L	2.7843061
SPG_L	-	AG_L	2.718577
AG_L	-	Ins_L	2.6911378
Ins_L	-	PSMG_L	2.6672659
SMG_L	-	STG_L_pole	2.6382805
PSTG_L	-	PSMG_L	2.5997474
Ins_L	-	PSTG_L	2.5797576
SPG_L	-	PSMG_L	2.5621636
IFG_orbitalis_L	-	STG_L	2.5404302
SMG_L	-	PSTG_L	2.5202556
IFG_orbitalis_L	-	PSMG_L	2.48724
SPG_L	-	STG_L_pole	2.4803513
IFG_orbitalis_L	-	SMG_L	2.4642917
SPG_L	-	MTG_L_pole	2.4566739
AG_L	-	PSMG_L	2.4551175
STG_L	-	PCC_L	2.4434934
PrCG_L	-	SMG_L	2.4400777
MFG_L	-	STG_L	2.4294722
IFG_orbitalis_L	-	Ins_L	2.4242883
ITG_L	-	PSMG_L	2.3878034
MFG_DPFC_L	-	ITG_L	2.3743903
AG_L	-	STG_L	2.374226
MTG_L	-	PCC_L	2.3651018
MTG_L_pole	-	Ins_L	2.3617879
STG_L	-	Ins_L	2.3491184
MTG_L	-	PSTG_L	2.3318668

B) CLSM results demonstrating connectome connections whose lower link weight was associated with worse word comprehension not controlling for object recognition (including only the 43 subjects with PPTT scores) :  $p < 0.050$  permutation correction:  $z < -3.97$   $z > 2.28$ ).

<b>Abbreviated Name</b>	<b>- Abbreviated Name</b>	<b>Z</b>
IFG_opercularis_L	- IFG_triangularis_L	2.3792803
SPG_L	- AG_L	2.6043783
SMG_L	- AG_L	2.7482874
IFG_orbitalis_L	- STG_L	2.2985462
AG_L	- STG_L	2.5071268
SPG_L	- STG_L_pole	2.4097594
SMG_L	- STG_L_pole	3.0014389
STG_L	- MTG_L	2.3557768
STG_L	- MTG_L_pole	2.4002958
ITG_L	PCC_L	2.3140268
MTG_L_pole	Ins_L	2.3156931
AG_L	PSTG_L	2.3958431
STG_L	PSTG_L	2.7652971
SPG_L	PSMG_L	2.6302359
STG_L	PSMG_L	2.4506500
MTG_L	PSMG_L	2.6110752
PCC_L	PSMG_L	3.1478960
Ins_L	PSMG_L	2.3456577
PSTG_L	PSMG_L	2.3352281