

SUPPLEMENTARY TABLE 1: ROI-based DTI statistics summary of all subjects (includes non-amnestic)

	<i>FA</i>	<i>p</i>	<i>MD [e⁻⁴]</i>	<i>p</i>	<i>ODI</i>	<i>p</i>	<i>FISO</i>	<i>p</i>
DG	AD/MCI: 0.169±0.0183 Control: 0.176±0.0211	0.236	AD/MCI: 8.23±0.473 Control: 8.07±0.481	0.432	AD/MCI: 0.517±0.0317 Control: 0.513±0.0316	0.671	AD/MCI: 0.183±0.0270 Control: 0.168±0.0175	0.139
CA1	AD/MCI: 0.156±0.0123 Control: 0.156±0.0147	0.970	AD/MCI: 7.89±0.435 Control: 7.55±0.256	0.044	AD/MCI: 0.556±0.0195 Control: 0.576±0.0236	0.051	AD/MCI: 0.168±0.0275 Control: 0.156±0.0183	0.260
SUB	AD/MCI: 0.212±0.0233 Control: 0.219±0.0338	0.612	AD/MCI: 10.33±0.947 Control: 9.62±1.310	0.134	AD/MCI: 0.395±0.0410 Control: 0.399±0.0475	0.860	AD/MCI: 0.250±0.0504 Control: 0.227±0.0435	0.278
ERC/PRC	AD/MCI: 0.227±0.0498 Control: 0.224±0.0271	0.865	AD/MCI: 7.44±0.833 Control: 7.19±0.465	0.372	AD/MCI: 0.459±0.0844 Control: 0.491±0.0411	0.277	AD/MCI: 0.152±0.0380 Control: 0.136±0.0191	0.153
Whole HC	AD/MCI: 0.195±0.0227 Control: 0.195±0.0151	0.947	AD/MCI: 7.97±0.405 Control: 7.66±0.435	0.079	AD/MCI: 0.492±0.0376 Control: 0.513±0.0220	0.111	AD/MCI: 0.170±0.0218 Control: 0.155±0.0162	0.057
PHG	AD/MCI: 0.423±0.0286 Control: 0.465±0.0276	0.003	AD/MCI: 7.02±0.060 Control: 6.98±0.300	0.813	AD/MCI: 0.282±0.0244 Control: 0.260±0.0236	0.044	AD/MCI: 0.080±0.0226 Control: 0.074±0.0127	0.459
Fornix	AD/MCI: 0.355±0.1004 Control: 0.309±0.0545	0.224	AD/MCI: 15.65±2.900 Control: 14.46±5.600	0.589	AD/MCI: 0.109±0.0303 Control: 0.136±0.0625	0.327	AD/MCI: 0.492±0.1334 Control: 0.464±0.2327	0.758
Li + Ji Threshold		0.009		0.010		0.009		0.010

SUPPLEMENTARY TABLE 2: Tract-based DTI statistics summary of all subjects (includes non-amnestic).

	<i>FA</i>	<i>p</i>	<i>MD [e⁻⁴]</i>	<i>p</i>	<i>ODI</i>	<i>p</i>	<i>FISO</i>	<i>p</i>
anterior-posterior PHG	AD/MCI: 0.393±0.0288 Control: 0.444±0.0262	0.001	AD/MCI: 7.14±0.497 Control: 6.95±0.292	0.383	AD/MCI: 0.301±0.0129 Control: 0.273±0.0202	0.003	AD/MCI: 0.083±0.0184 Control: 0.072±0.0098	0.123
CA1 to/from SUB	AD/MCI: 0.223±0.0217 Control: 0.233±0.0291	0.460	AD/MCI: 8.36±0.402 Control: 7.98±0.407	0.068	AD/MCI: 0.438±0.0398 Control: 0.444±0.0309	0.641	AD/MCI: 0.177±0.0171 Control: 0.162±0.0177	0.071
DG/CA3,4 to/from CA1	AD/MCI: 0.180±0.0073 Control: 0.197±0.0184	0.027	AD/MCI: 8.99±0.303 Control: 8.52±0.528	0.050	AD/MCI: 0.469±0.0158 Control: 0.464±0.0210	0.715	AD/MCI: 0.209±0.0125 Control: 0.181±0.0216	0.007
ERC/PRC to/from DG/CA3,4/CA1	AD/MCI: 0.297±0.0183 Control: 0.324±0.0371	0.095	AD/MCI: 7.49±0.390 Control: 7.38±0.618	0.703	AD/MCI: 0.378±0.0336 Control: 0.357±0.0283	0.196	AD/MCI: 0.127±0.0219 Control: 0.118±0.0300	0.490
SUB to/from ERC/PRC	AD/MCI: 0.325±0.0400 Control: 0.351±0.0583	0.354	AD/MCI: 7.77±0.491 Control: 7.49±0.711	0.411	AD/MCI: 0.356±0.0373 Control: 0.344±0.0417	0.608	AD/MCI: 0.132±0.0155 Control: 0.118±0.0270	0.241
Li & Ji threshold		0.017		0.017		0.013		0.017