

Table S1. Measures of behavioral performance for each animal.

		Control subjects				Hippocampal lesion subjects						<i>p</i> -value of between-groups comparison (Wilcoxon rank sum test)
		C1	C2	C3	C4	L1	L2	L3	L4	L5	L6	
Inbound	Total number of inbound trials performed, days 1-10	576	493	489	650	481	810	996	736	1064	1036	0.11
	Number of inbound trials to reach learning criterion on inbound task component	266	150	43	77	297	778	124	>736*	819	668	0.038
	Days to reach learning criterion on inbound task component	6	4	2	2	8	10	2	>10*	8	7	0.057
	Mean estimated probability of correct inbound performance on day 10	0.96	0.98	0.94	0.97	0.95	0.77	0.92	0.70	0.89	1.00	0.26
Outbound	Total number of outbound trials performed, days 1-10	519	259	535	587	269	602	856	594	762	847	0.11
	Number of outbound trials to reach learning criterion on inbound task component	55	214	37	58	>269*	>602*	381	483	410	>847*	0.0095
	Days to reach learning criterion on outbound task component	3	5	2	2	>10*	>10*	6	9	7	>10*	0.0095
	Mean estimated probability of correct outbound performance on day 10	0.85	0.93	0.84	0.87	0.14	0.44	0.96	0.85	0.79	0.84	0.17

*Asterisks indicate that the subject did not reach the learning criterion within the 10 days of testing.