

Supplementary Table 3  
Participant Characteristics

	N after attrition	Age (years)	Education (years)	Sex	Dementia Severity Measure	Dementia Severity	Diagnosis (Criteria)	Cognitive Assessments
Anderson et al., 2001	5	M = 86	M = 12	3M, 2F	MMSE 10-23	mild-moderate	probable dementia (criteria NR)	MMSE, ABCDA
Balota et al., 2006 Experiment 1	103	18-98					DAT (NINCDS-ADRDA)	CDR, WMS, Word Fluency Test, WAIS, Benton Copy Test - Form D, Trail Making Test, BNT, AMNART, Animal Fluency
	43 DAT	M = 75.9	M = 14.9	NR	CDR 0.5-1	very mild-mild		
	31 age control	M = 75.8	M = 14.6	NR				
	29 young	M = 19.3	undergrad	NR				
Balota et al., 2006 Experiment 2	109	18-98					DAT (NINCDS-ADRDA)	CDR, WMS, Word Fluency Test, WAIS, Benton Copy Test - Form D, Trail Making Test, BNT, AMNART, Animal Fluency
	34 DAT	M = 78.4	M = 14.3	NR	CDR 0.5-1	very mild-mild		
	38 age control	M = 79.2	M = 13.4	NR				
	37 young	M = 20.7	undergrad	NR				
Bier et al., 2008	30						DAT (NINCDS-ADRDA and DSM-IV)	MMSE, Mattis Dementia Rating Scale, DSF/DSB, Block tapping, Letter-number sequencing, SCRT, verbal fluency, Association Match Task, Face Discrimination, Stroop, Trail Making, PDP
	15 early AD	M = 73.3	M = 10.5	5M, 9F	MMSE 23.7±3.2	minimal-mild		
	15 age control	M = 72.5	M = 11.7	5M, 9F	MMSE 29.2±0.7			
Cherry & Simmons-D'Gerolamo, 1999	6	M = 79	NR	NR	MMSE 17-22 GIDetS 4-5	mild-to-moderate	DAT (DSM-IV)	MMSE, GIDetS, GerDepS, WAIS vocabulary, FDS, BDS, Subject-performed task
Cherry & Simmons-D'Gerolamo, 2005	10	M = 81	NR	NR	MMSE 15-22 GIDetS 4-5	mild-to-moderate	probable AD (DSM-IV)	MMSE, GIDetS, GerDepS, WAIS vocabulary, FDS, BDS, Subject-performed task
Cherry et al., 2009	6	M = 82.5	high school - graduate degree	NR	MMSE 14-24	mild-to-moderate	DAT (DSM-IV)	MMSE, GerDepS, WAIS vocabulary, FDS, BDS

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Participant Characteristics (Continued)

	N after attrition	Age (years)	Education (years)	Sex	Dementia Severity Measure	Dementia Severity	Diagnosis (Criteria)	Cognitive Assessments
Haslam et al., 2011 Experiment 3	15	M=77±8.15	NR	5M, 10F	MMSE 21.27±1.52	mild-to-moderate	N=7 probable AD, N=5 VD, N=3 MD (DSM-IV and ICD)	MMSE, WASI, WMS, COWAT, digit span total
Hawley & Cherry, 2004	6	M = 84.2	NR	NR	MMSE 5-20 GIDeS 4-5	moderate-severe	probable AD (DSM-IV)	MMSE, GIDeS, GerDepS, WAIS vocabulary, FDS, BDS, Subject-performed tasks
Hawley et al., 2008	12	76-91	NR	4M, 8F	MMSE 14-24	mild-to-moderate	AD (criteria NR)	MMSE, GerDepS, WAIS vocabulary, FDS, BDS, Subject-performed tasks
Hopper et al., 2010	27 (32 original - 5 drop outs)	M = 80.09 ± 7.49	NR	7M, 25F	MMSE 17.88±5.86 GIDeS 3-6	mild-severe	N=30 AD, N=2 VD (criteria NR)	MMSE, GIDeS, ADAS-Cog, FLCI
Lee et al., 2009	19	M = 72.1 ± 8.5	M = 9.1±4.9	1M, 18F	MMSE 18.9 CDR 0.5-1	very mild-mild	AD (NINCDS-ADRDA) and Dementia (DSM-IV)	MMSE-KC, CDR, CERAD-K, LMT, BVRT-A, GerDepS-K, DGF, DGB, BNT
Small, 2012	5	M = 75.4	M = 15.2	5M, 0F	MMSE 9-25	mild-severe	AD (DSM-IV-TR, Minati, NINCDS-ADRDA)	MMSE, 3MS, BNT

NR = not reported

#### Dementia Severity Measure

CDR = Clinical Dementia Rating Scale (Berg, 1988; Hughes et al., 1982; Morris, 1993).  
GIDeS = Global Deterioration Scale (Reisberg et al., 1982)  
MMSE = Mini-Mental State Examination (Folstein et al., 1975)  
MMSE-KC = Mini-Mental State Examination - Korean version (Lee et al., 2002)  
3MS = Modified Mini-Mental State (Teng & Chang Chui, 1987)

#### Diagnosis

AD = Alzheimer's disease; DAT = dementia of the Alzheimer's Type; VD = Vascular Dementia; MD = Mixed Dementia

#### Diagnostic Criteria

DSM-IV = Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition (APA, 1994)  
DSM-IV-TR = Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition, Text Revision (APA, 2000)  
ICD = International Classification of Disease (WHO, 1992)  
Minati (Minati et al., 2009)  
NINCDS-ADRDA = National Institute of Neurological and Communicative Disorders and Stroke and the Alzheimer's Disease and Related Disorders Association (McKhann et al., 1984)

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**Cognitive Assessments**


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ABCD = Arizona Battery of Communication Disorders of Dementia (Bayles & Tomoeda, 1991)  
 ADAS-Cog = Alzheimer's Disease Assessment Scale - Cognitive Subscale (Rosen et al., 1984)  
 AMNART = American Version of the Nelson Adult Reading Test (Grober & Sliwinski, 1991)  
 Animal Fluency Test (Goodglass & Kaplan, 1983a)  
 Association match task from the Birmingham Object Recognition Battery (BORB) (Riddoch & Humphreys, 1993)  
 Benton Copy Test - Form D (Benton, 1963).  
 Benton's Face Discrimination Test (Benton et al., 1983)  
 BNT = Boston Naming Test (Goodglass & Kaplan, 1983b)  
 BVRT-A = Benton Visual Retention Test (Sivan, 1992)  
 CERAD-K = Consortium to Establish a Registry for Alzheimer's Disease - Korean version (Lee et al., 2002)  
 COWAT = Controlled oral word association test  
 DGS/DGB = digit span forward/digit span backward, WAIS III (Wechsler, 1997a), (Wechsler, 1987)  
 FDS/BDS = forward digit span/backward digit span (WAIS, Wechsler, 1955)  
 GerDepS = Geriatric Depression Scale (Sheik & Yesavage, 1986)  
 GerDepS-K = Geriatric Depression Scale, Korean (Bae & Cho, 2004)  
 Letter number sequencing test, WAIS III (Wechsler, 1997b)  
 LMT = Logical memory tests (Wechsler, 1987)  
 Mattis Dementia Rating Scale (Mattis, 1976)  
 PDP = The Process Dissociation Procedure (Adam et al., 2005)  
 Recognition Memory Test (Warrington, 1984)  
 SCRT = Selective and Cued Reminding Test (Calisis et al., 1994)  
 Subject-performed tasks - Free and cued recall (Cherry, 1999)  
 The Stroop Test (Golden, 1978)  
 The Trail Making Test A and B (Partington & Leiter, 1949; as cited in Spreen & Strauss, 1998)  
 Trail Making Test (Armitage, 1946)  
 Verbal fluency – French version (Joanette et al., 1995)  
 Vocabulary Score, Short-Form of the WAIS Vocabulary test (Jastak & Jastak, 1965)  
 WAIS = Wechsler Adult Intelligence Scale (Wechsler, 1955)  
 WAIS vocabulary = Wechsler Adult Intelligence Scale (Wechsler, 1955)  
 WASI = Wechsler Abbreviated Scale of Intelligence (Wechsler, 1999)  
 WMS = Wechsler Memory Scale (Wechsler & Stone, 1973), Third Edition Abbreviated (Wechsler, 1997b)  
 WMS III = Wechsler Memory Scale - Third Edition Abbreviated  
 Word Fluency Test (Thurstone & Thurstone, 1949)