

Table s-2: Characteristics of patients included in meta-analysis

First author	Year	Country	Resource	MCI definition	Sample size, baseline (% FU)	Female (%)	Mean age (years)	Mean education (years)	MMS E score	Exposure	e-Ref
Petersen RC	1995	USA	Mayo Clinic Alzheimer's Disease Center/Alzheimer's Disease Patient Registry	MCI	66(100)	48(73)	79.8	13.9	26.24	Older age	16
Amieva H	2004	France	–	MCI	90(-)	40(44)	70.2	–	27.7	Older age	30
Aggarwal NT	2005	USA	The Religious Orders Study	MCI	184(98)	123(67.9)	78.7	17.8	27.4	Older age	33
Li L	2012	China	Inpatients in the Department of Neurology of Daping Hospital in the city of Chongqing during March–September 2008	MCI	257(96)	111 (43.19)	70.05	–	25.17	Older age	34
Alegret M	2014	Spain	–	aMCI	42(93)	26(66.67)	76.52	–	25.77	Older age	35
Rozzini L	2007	Italy	Center of Neurodegenerative and Aging related Disease of the Neurological Clinic, University of Study, Brescia, Italy	aMCI	119(100)	74(62.2)	70.6	7.8	26.9	Older age	36

Wang P-N	2014	Taiwan	The memory clinic of Taipei Veterans General Hospital	aMCI	304 (75)	124(40.79)	75.3	11.1	26.8	Older age	37
Chan WC	2011	Hong Kong	two community samples, a 'random recruit' sample and a 'volunteer' sample, of ethnic Chinese who were 60 or above	MCI	321(100)	225(70)	77.3	2.9	24.3	Older age	38
Solfrizzi V	2004	Italy	the Italian Longitudinal Study on Aging(ILSA)	MCI	121(100)	61 (50.4)	80.7	2.2	21.5	Older age	39
DeCarli C	2004	USA	A prospective longitudinal research project examining the role of CVD and AD on cognition	MCI	52(75)	15(29)	72.8	14.8	–	Older age	40
Geroldi C	2006	Italy	Istituto di Ricovero e Cura a Carattere Scientifico (IRCCS), Scientific Institute for Research and Care Brescia, Italy	MCI	52 (100)	29 (56)	70	7.2	27.2	Older age	41
Velayudhan L	2010	UK	local primary care practices in south London	MCI	103(59)	66 (64)	79.4	10.6	26.3	Older age	42
Li L	2012	Italy	dementia outpatient service	MCI	117(100)	57(48.7)	75.7	7.4	27.02	Older age	50

Inzelberg R	2015	Israel	An Arab community of 81400 inhabitants located in northern Israel	MCI	297(78)	153(78)	73	–	–	Older age	91
Alegret M	2013	Netherlands	at a total of 177 centers in 16 countries	MCI	426(100)	233(55)	71	–	–	Sex (female)	2
Rozzini L	2007	Italy	Center of Neurodegenerative and Aging related Disease of the Neurological Clinic, University of Study, Brescia, Italy	aMCI	119(100)	74(62.2)	70.6	7.8	26.9	Sex (female)	36
Wang P-N	2014	Taiwan	The memory clinic of Taipei Veterans General Hospital	aMCI	304 (75)	124(40.79)	75.3	11.1	26.8	Sex (female)	37
Chan WC	2011	Hong Kong	two community samples, a 'random recruit' sample and a 'volunteer' sample, of ethnic Chinese who were 60 or above	MCI	321(100)	225(70)	77.3	2.9	24.3	Sex (female)	38
Solfrizzi V	2004	Italy	the Italian Longitudinal Study on Aging(ILSA)	MCI	121(100)	61 (50.4)	80.7	2.2	21.5	Sex (female)	39
DeCarli C	2004	USA	A prospective longitudinal research project examining the role of CVD and AD on cognition	MCI	52(75)	15(29)	72.8	14.8	–	Sex (female)	40

Geroldi C	2006	Italy	Istituto di Ricovero e Cura a Carattere Scientifico (IRCCS), Scientific Institute for Research and Care Brescia, Italy	MCI	52 (100)	29 (56)	70	7.2	27.2	Sex (female)	41
Velayudhan L	2010	UK	local primary care practices in south London	MCI	103(59)	66 (64)	79.4	10.6	26.3	Sex (female)	42
Vemuri P	2011	USA	Mayo Clinic AD Research Center	aMCI	296(42)	51 (41.5)	77	15	27	Sex (female)	45
Viticchi G	2012	Italy	dementia outpatient service	MCI	117(100)	57(48.7)	75.7	7.4	27.02	Sex (female)	50
Barnes DE	2014	USA	Alzheimer's Disease Neuroimaging Initiative 1	aMCI	382	137 (36)	75	–	–	Sex (female)	51
Ye BS	2012	Republic of Korea	a part of the Clinical Research Center for Dementia of South Korea (CREDOS) study, which is a multicenter hospital-based registry study.	aMCI	249	134 (53.8)	71.3	9.9	26.4	Higher education level	26
Rozzini L	2006	Italy	Center of Neurodegenerative and Aging related Disease of the Neurological Clinic, University of Brescia, Italy	aMCI	74	54(73)	71.6	7.6	26.4	Higher education level	32

Aggarwal NT	2005	USA	The Religious Orders Study	MCI	184(98)	123(67.9)	78.7	17.8	27.4	Higher level	education	33
Chan WC	2011	Hong Kong	two community samples, a 'random recruit' sample and a 'volunteer' sample, of ethnic Chinese who were 60 or above	MCI	321(100)	225(70)	77.3	2.9	24.3	Higher level	education	38
DeCarli C	2004	USA	A prospective longitudinal research project examining the role of CVD and AD on cognition	MCI	52(75)	15(29)	72.8	14.8	–	Higher level	education	40
Geroldi C	2006	Italy	Istituto di Ricovero e Cura a Carattere Scientifico (IRCCS), Scientific Institute for Research and Care Brescia, Italy	MCI	52 (100)	29 (56)	70	7.2	27.2	Higher level	education	41
Velayudhan L	2010	UK	local primary care practices in south London	MCI	103(59)	66 (64)	79.4	10.6	26.3	Higher level	education	42
Viticchi G	2012	Italy	dementia outpatient service	MCI	117(100)	57(48.7)	75.7	7.4	27.02	Higher level	education	50

Xu WL	2012	Sweden	Kungsholmen project	MCI	233(91)	71.67	–	–	–	At least 1 APOE ε 4 3 allele
Blacker D	2007	USA	Community volunteer-based sample examined at a medical institution	MCI	235(98)	56.6	72.9	15.41	29.45	At least 1 APOE ε 4 4 allele
Elcoroaristi zabal Martin X	2012	Spain	Neurology Departments of several hospitals	aMCI	79(100)	51.9	72.15	–	26.48	At least 1 APOE ε 4 5 allele
Viticchi G	2014	Italy	consecutive subjects referred to dementia outpatient services by general practitioners	aMCI	75(74)	65.33	74.43	8.16	25.85	At least 1 APOE ε 4 6 allele
Squitti R	2014	Italy	Department of Neuroscience of the Fate benefratelli Hospital, Isola Tiberina, Rome, and at the Memory Clinic of the IRCCS Istituto Centro San Giovanni di Dio, Fatebenefratelli, Brescia, Italy	MCI	141(91)	47	70.8	–	27.2	At least 1 APOE ε 4 7 allele

Landau SM	2010	USA	Alzheimer's Disease Neuroimaging Initiative	MCI	400(21)	29(34.12)	78.1	16.3	27	At least 1 APOE ε 4 allele	8
Devanand DP	2005	USA	Memory disorders outpatient clinic	MCI	136(84)	55.9	67.1	15.1	27.6	At least 1 APOE ε 4 allele	9
Chu LW	2012	Hong Kong	Ambulatory setting	aMCI	243(100)	–	–	–	–	At least 1 APOE ε 4 allele	11
Forlenza OV	2010	Brazil	Institute of Psychiatry, Faculty of Medicine, University of Sao Paulo, Brazil	MCI	71(94)	71.8	70.5	10	27	At least 1 APOE ε 4 allele	13
Ravaglia G	2006	Italy	Center for Physiopathology of Aging, University of Bologna	MCI	165(59)	81(51)	76	–	26.3	At least 1 APOE ε 4 allele	14
Diniz BS	2010	Brazil	A memory clinic at the Institute of Psychiatry, Faculty of Medicine, University of Sao Paulo, Brazil	MCI	72(93)	72.2	70.5	10.1	27	At least 1 APOE ε 4 allele	15

Petersen RC	1995	USA	Mayo Clinic Alzheimer's Disease Center/Alzheimer's Disease Patient Registry	MCI	66(100)	48(73)	79.8	13.9	26.24	At least 1 APOE ε 4 allele	16
Aggarwal NT	2005	USA	The Religious Orders Study	MCI	184(98)	123(67.9)	78.7	17.8	27.4	At least 1 APOE ε 4 allele	33
Alegret M	2014	Spain	–	aMCI	42(93)	26(66.67)	76.52	–	25.77	At least 1 APOE ε 4 allele	35
Wang P-N	2014	Taiwan	The memory clinic of Taipei Veterans General Hospital	aMCI	304 (75)	124(40.79)	75.3	11.1	26.8	At least 1 APOE ε 4 allele	37
Vemuri P	2011	USA	the Mayo Clinic AD Research Center(ADRC)/AD Patient Registry (ADPR)	MCI	296(42)	51 (41.5)	77	15	27	At least 1 APOE ε 4 allele	45
Barnes DE	2014	USA	Alzheimer's Disease Neuroimaging Initiative 1	aMCI	382(100)	137 (36)	75	–	–	At least 1 APOE ε 4 allele	51
Steenland K	2012	USA	30 Alzheimer's Disease Centers in the Unites States	MCI	3010 (83)	1552 (51.6)	74	–	27.2	At least 1 APOE ε 4 allele	55
Xu WL	2012	Sweden	Kungsholmen project	MCI	233(91)	71.67	–	–	–	APOE ε 4 ε 4	3
Blacker D	2007	USA	Community volunteer-based sample examined at a medical institution	MCI	235(98)	56.6	72.9	15.41	29.45	APOE ε 4 ε 4	4

Elcoroaristi zabal Martin X	2012	Spain	Neurology Departments of several hospitals	aMCI	79(100)	51.9	72.15	–	26.48	APOE ε 4 ε 4	5
Ravaglia G	2006	Italy	Center for Physiopathology of Aging, University of Bologna	MCI	165(59)	81(51)	76	–	26.3	Smoking	14
Sepe-Monti M	2007	Italy	memory clinic of the Department of Neurological Sciences of the University of Rome 'La Sapienza'	aMCI	21(100)	13(62)	72.6	10.1	26.9	Smoking	18
Fellows L	2008	Canada	The Jewish General Hospital/McGill University Memory Clinic over a five year period	aMCI	90(100)	45(50)	73.7	10.7	27.5	Smoking	31
Solfrizzi V	2004	Italy	the Italian Longitudinal Study on Aging(ILSA)	MCI	121(100)	61 (50.4)	80.7	2.2	21.5	Smoking	39
Velayudhan L	2010	UK	local primary care practices in south London	MCI	103(59)	66 (64)	79.4	10.6	26.3	Smoking	42

Clerici F	2012	Sweden	A memory clinic (the Center for Research and Treatment of Cognitive Dysfunctions of the University of Milan)	MCI	257(95)	143 (58)	74.1	–	25.7	Smoking	49
Viticchi G	2012	Italy	dementia outpatient service	MCI	117(100)	57(48.7)	75.7	7.4	27.02	Smoking	50
Somme J	2013	Spain	–	MCI	143(100)	–	–	–	–	Anxiety	22
Palmer K	2007	Sweden	population-based Kungsholmen Project, Stockholm, Sweden	MCI	47(91)	18(39.2)	84	–	–	Anxiety	25
Ramakers IHGB	2010	Netherlands	Maastricht Memory Clinic	MCI	263(87)	116(44)	66.9	–	27.6	Anxiety	56
Somme J	2013	Spain	–	MCI	143(100)	–	–	–	–	Apathy	22
Chan WC	2011	Hong Kong	two community samples, a ‘random recruit’ sample and a ‘volunteer’ sample, of ethnic Chinese who were 60 or above	MCI	321(100)	225(70)	77.3	2.9	24.3	Apathy	38
Richard E	2012	Netherlands	Alzheimer’s Disease Neuroimaging Initiative (ADNI) database	MCI	397(100)	256(64)	74.8	15.69	27.01	Apathy	46

Ramakers IHGB	2010	Netherlands	Maastricht Memory Clinic	MCI	263(87)	116(44)	66.9	–	27.6	Apathy	56
Golimstok A	2013	Argentina	–	MCI	492(100)	315(64)	71	–	–	Apathy	57
Chan WC	2011	Hong Kong	two community samples, a ‘random recruit’ sample and a ‘volunteer’ sample, of ethnic Chinese who were 60 or above	MCI	321(100)	225(70)	77.3	2.9	24.3	Depression	38
Geroldi C	2006	Italy	Istituto di Ricovero e Cura a Carattere Scientifico (IRCCS), Scientific Institute for Research and Care Brescia, Italy	MCI	52 (100)	29 (56)	70	7.2	27.2	Depression	41
Velayudhan L	2010	UK	local primary care practices in south London	MCI	103(59)	66 (64)	79.4	10.6	26.3	Depression	42
Richard E	2012	Netherlands	Alzheimer’s Disease Neuroimaging Initiative (ADNI) database	MCI	397(100)	256(64)	74.8	15.69	27.01	Depression	46
Panza F	2008	Italy	The electoral rolls of eight Italian municipalities	MCI	139(87)	61(50)	80.6	2.2	21.4	Depression	52

Modrego PJ	2004	Spain	From the community by family physicians and the Psychiatry Unit and other specialized units	MCI	114(93)	72(63)	72.8	–	27.8	Depression	53
Richard EM	2008	Italy	Random sampling of healthy Medicare eligible persons older than 65 years in several low-income neighborhoods with a high proportion of Hispanics in Northern Manhattan	MCI	320(100)	240(75)	77.2	9.8	–	Depression	54
Steenland K	2012	USA	30 Alzheimer's Disease Centers in the United States	MCI	3010 (83)	1552 (51.6)	74	–	27.2	Depression	55
Ramakers IHGB	2010	Netherlands	Maastricht Memory Clinic	MCI	263(87)	116(44)	66.9	–	27.6	Depression	56
Ravaglia G	2006	Italy	Center for Physiopathology of Aging, University of Bologna	MCI	165(59)	81(51)	76	–	26.3	Hypertension	14
Sepe-Monti M	2007	Italy	memory clinic of the Department of Neurological Sciences of the University of Rome 'La Sapienza'	aMCI	21(100)	13(62)	72.6	10.1	26.9	Hypertension	18

Li L	2012	China	Inpatients in the Department of Neurology of Daping Hospital in the city of Chongqing during March–September 2008	MCI	257(96)	111 (43.19)	70.05	–	25.17	Hypertension	34
Solfrizzi V	2004	Italy	the Italian Longitudinal Study on Aging(ILSA)	MCI	121(100)	61 (50.4)	80.7	2.2	21.5	Hypertension	39
Clerici F	2012	Sweden	A memory clinic (the Center for Research and Treatment of Cognitive Dysfunctions of the University of Milan)	MCI	257(95)	143 (58)	74.1	–	25.7	Hypertension	49
Viticchi G	2012	Italy	dementia outpatient service	MCI	117(100)	57(48.7)	75.7	7.4	27.02	Hypertension	50
Inzelberg R	2015	Israel	An Arab community of 81400 inhabitants located in northern Israel	MCI	297(78)	153(78)	73	–	–	Hypertension	91
Ravaglia G	2006	Italy	Center for Physiopathology of Aging, University of Bologna	MCI	165(59)	81(51)	76	–	26.3	Diabetes	14
Li L	2012	China	Inpatients in the Department of Neurology of Daping Hospital in the city of Chongqing during March–September 2008	MCI	257(96)	111 (43.19)	70.05	–	25.17	Diabetes	34

Solfrizzi V	2004	Italy	the Italian Longitudinal Study on Aging(ILSA)	MCI	121(100)	61 (50.4)	80.7	2.2	21.5	Diabetes	39
Velayudhan L	2010	UK	local primary care practices in south London	MCI	103(59)	66 (64)	79.4	10.6	26.3	Diabetes	42
Xu W	2010	Sweden	A population-based prospective cohort study on aging and dementia, including all registered inhabitants who were age \geq 75 years and living in the Kungsholmen district of central Stockholm, Sweden	MCI	302(100)	203 (75.7)	82.1	–	24.7	Diabetes	48
Clerici F	2012	Sweden	A memory clinic (the Center for Research and Treatment of Cognitive Dysfunctions of the University of Milan)	MCI	257(95)	143 (58)	74.1	–	25.7	Diabetes	49
Viticchi G	2012	Italy	dementia outpatient service	MCI	117(100)	57(48.7)	75.7	7.4	27.02	Diabetes	50
Ma F	2014	China	6 communities with high proportions of elderly residents were selected	MCI	690(91)	311(49)	75.27	9.63	–	Diabetes	90

Staekenborg SS	2009	Netherlands	outpatient memory clinic of the Alzheimer Centre of the VU University Medical Centre	MCI	152 (100)	71 (46.7)	69.9	–	26.5	Cerebrovascular disease	44
Clerici F	2012	Sweden	A memory clinic (the Center for Research and Treatment of Cognitive Dysfunctions of the University of Milan)	MCI	257(95)	143 (58)	74.1	–	25.7	Cerebrovascular disease	49
Ravaglia G	2006	Italy	Center for Physiopathology of Aging, University of Bologna	MCI	165(59)	81(51)	76	–	26.3	Atrial fibrillation	14
Forti P	2007	Italy	Center for Physiopathology of Aging, University of Bologna	MCI	180(100)	92(51)	75.7	–	26.2	Atrial fibrillation	17
Clerici F	2012	Sweden	A memory clinic (the Center for Research and Treatment of Cognitive Dysfunctions of the University of Milan)	MCI	257(95)	143 (58)	74.1	–	25.7	Atrial fibrillation	49
Ravaglia G	2006	Italy	Center for Physiopathology of Aging, University of Bologna	MCI	165(59)	81(51)	76	–	26.3	Hypercholesterolemia	14
Sepe-Monti M	2007	Italy	memory clinic of the Department of Neurological Sciences of the University of Rome 'La Sapienza'	aMCI	21(100)	13(62)	72.6	10.1	26.9	Hypercholesterolemia	18

Clerici F	2012	Sweden	A memory clinic (the Center for Research and Treatment of Cognitive Dysfunctions of the University of Milan)	MCI	257(95)	143 (58)	74.1	–	25.7	Hypercholesterolemi a	49
Viticchi G	2012	Italy	dementia outpatient service	MCI	117(100)	57(48.7)	75.7	7.4	27.02	Hypercholesterolemi a	50
Ravaglia G	2006	Italy	Center for Physiopathology of Aging, University of Bologna	MCI	165(59)	81(51)	76	–	26.3	High body mass index	14
Chu L	2012	Hong Kong	ambulatory setting	aMCI	138(100)	–	–	–	–	High body mass index	24
Clerici F	2012	Sweden	A memory clinic (the Center for Research and Treatment of Cognitive Dysfunctions of the University of Milan)	MCI	257(95)	143 (58)	74.1	–	25.7	High body mass index	49
Barnes DE	2014	USA	Alzheimer's Disease Neuroimaging Initiative 1	aMCI	382(100)	137 (36)	75	–	–	High body mass index	51
van Rossum IA	2012	Netherlands	The VU University Medical Center Alzheimer Center and the Development of Screening Guidelines and Criteria for Predementia Alzheimer's Disease study	MCI	110(99)	51 (46)	70.8	10.8	26.3	Hippocampal atrophy	1

Landau SM	2010	USA	Alzheimer's Disease Neuroimaging Initiative	MCI	400(21)	29(34.12)	78.1	16.3	27	Hippocampal atrophy	8
Devanand DP	2007	USA	Memory Disorders Center at New York State Psychiatric Institute and Columbia-Presbyterian Medical Center	MCI	139(100)	78(56)	67.1	15.3	27.6	Hippocampal atrophy	19
Jack CR	2010	USA	Alzheimer's Disease Neuroimaging Initiative	MCI	218(100)	72 (33)	75	16	27	Hippocampal atrophy	20
Prins ND	2013	Netherlands	at a total of 177 centers in 16 countries	MCI	426(100)	233(55)	71	–	–	Medial temporal lobe atrophy	2
Geroldi C	2006	Italy	Istituto di Ricovero e Cura a Carattere Scientifico (IRCCS), Scientific Institute for Research and Care Brescia, Italy	MCI	52 (100)	29 (56)	70	7.2	27.2	Medial temporal lobe atrophy	41
van Rossum IA	2012	Netherlands	Memory clinic of the Alzheimer Center of the VU University Medical Center	MCI	248 (82)	90 (44)	71	11	27	Medial temporal lobe atrophy	43
Staekenborg SS	2009	Netherlands	outpatient memory clinic of the Alzheimer Centre of the VU University Medical Centre	MCI	152 (100)	71 (46.7)	69.9	–	26.5	Medial temporal lobe atrophy	44

Devanand DP	2007	USA	Memory Disorders Center at New York State Psychiatric Institute and Columbia-Presbyterian Medical Center	MCI	139(100)	78(56)	67.1	15.3	27.6	Entorhinal atrophy	19
Desikan RS	2008	USA	the printmedia	MCI	129(100)	81(62.8)	72.43	15.5	29.1	Entorhinal atrophy	29
Barnes DE	2014	USA	Alzheimer's Disease Neuroimaging Initiative 1	aMCI	382(100)	137 (36)	75	–	–	Entorhinal atrophy	51
Farias STP	2009	USA	Among the participants, 46% were recruited from a clinical setting and 54% were recruited directly through community outreach	MCI	111(100)	57(51)	75.3	12.2	25.9	White matter hyperintensity volume	27
DeCarli C	2004	USA	A prospective longitudinal research project examining the role of CVD and AD on cognition	MCI	52(75)	15(29)	72.8	14.8	–	White matter hyperintensity volume	40
Staekenborg SS	2009	Netherlands	outpatient memory clinic of the Alzheimer Centre of the VU University Medical Centre	MCI	152 (100)	71 (46.7)	69.9	–	26.5	White matter hyperintensity volume	44

Vemuri P	2011	USA	Mayo Clinic AD Research Center	aMCI	296(42)	51 (41.5)	77	15	27	White matter hyperintensity volume	45
Straaten EC	2008	Netherlands	69 Alzheimer's Disease Cooperative Study (ADCS) centers in the United States and Canada	MCI	152(100)	70(45.8)	72.5	15	27.9	White matter hyperintensity volume	47
Kantarci K	2009	USA	Mayo Clinic Alzheimer's Disease Research Center and Patient Registry	MCI	151(100)	62 (41)	77	14	27	Subcortical infarctions	21
Geroldi C	2006	Italy	Istituto di Ricovero e Cura a Carattere Scientifico (IRCCS), Scientific Institute for Research and Care Brescia, Italy	MCI	52 (100)	29 (56)	70	7.2	27.2	Subcortical infarctions	41
Vemuri P	2011	USA	Mayo Clinic AD Research Center	aMCI	296(42)	51 (41.5)	77	15	27	Subcortical infarctions	45
Heister D	2011	USA	Alzheimer's Disease Neuroimaging Initiative (ADNI) database	MCI	192(100)	65(34)	74.6	15.8	26.9	Abnormal CSF A β	12
McEvoy L	2011	USA	Alzheimer's Disease Neuroimaging Initiative	MCI	178(100)	-	-	-	-	Abnormal CSF A β	23
van Rossum IA	2012	Netherlands	Memory clinic of the Alzheimer Center of the VU	MCI	248 (82)	90 (44)	71	11	27	Abnormal CSF A β	43

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van Rossum IA	2012	Netherlands	The VU University Medical Center Alzheimer Center and the Development of Screening Guidelines and Criteria for Predementia Alzheimer's Disease study	MCI	110(99)	51 (46)	70.8	10.8	26.3	Abnormal CSF p-tau	1
Landau SM	2010	USA	Alzheimer's Disease Neuroimaging Initiative	MCI	400(21)	29(34.12)	78.1	16.3	27	Abnormal CSF p-tau	8
Heister D	2011	USA	Alzheimer's Disease Neuroimaging Initiative (ADNI) database	MCI	192(100)	65(34)	74.6	15.8	26.9	Abnormal CSF p-tau	12
van Rossum IA	2012	Netherlands	Memory clinic of the Alzheimer Center of the VU University Medical Center	MCI	248 (82)	90 (44)	71	11	27	Abnormal CSF p-tau	43
van Rossum IA	2012	Netherlands	The VU University Medical Center Alzheimer Center and the Development of Screening Guidelines and Criteria for Predementia Alzheimer's Disease study	MCI	110(99)	51 (46)	70.8	10.8	26.3	Abnormal CSF t-tau	1
Heister D	2011	USA	Alzheimer's Disease Neuroimaging Initiative (ADNI) database	MCI	192(100)	65(34)	74.6	15.8	26.9	Abnormal CSF t-tau	12
van	2012	Netherlands	Memory clinic of the	MCI	248 (82)	90 (44)	71	11	27	Abnormal CSF t-tau	43

Rossum IA		nds	Alzheimer Center of the VU University Medical Center										
Landau SM	2010	USA	Alzheimer's Disease Neuroimaging Initiative	MCI	400(21)	29(34.12)	78.1	16.3	27	Abnormal tau/A-beta 1-42	CSF	8	
Heister D	2011	USA	Alzheimer's Disease Neuroimaging Initiative (ADNI) database	MCI	192(100)	65(34)	74.6	15.8	26.9	Abnormal tau/A-beta 1-42	CSF	12	
McEvoy L	2011	USA	Alzheimer's Disease Neuroimaging Initiative	MCI	178(100)	-	-	-	-	Abnormal tau/A-beta 1-42	CSF	23	
Gomar JJ	2014	USA	Alzheimer's Disease Neuroimaging Initiative database	MCI	371(100)	174(47)	74.97	15.7	27.07	Abnormal tau/A-beta 1-42	CSF	58	
Ravaglia G	2006	Italy	Center for Physiopathology of Aging, University of Bologna	MCI	165(59)	81(51)	76	-	26.3	Lower MMSE score		14	
van Rossum IA	2012	Netherlands	Memory clinic of the Alzheimer Center of the VU University Medical Center	MCI	248(82)	90(44)	71	11	27	Lower MMSE score		43	

Vemuri P	2011	USA	Mayo Clinic AD Research Center	aMCI	296(42)	51 (41.5)	77	15	27	Lower MMSE score	45
Prins ND	2013	Netherlands	at a total of 177 centers in 16 countries	MCI	426(100)	233(55)	71	–	–	Higher score	ADAS-Cog 2
Zhou B	2012	Japan	Alzheimer's Disease Neuroimaging Initiative database	MCI	397(100)	141(35.5)	74.8	15.7	–	Higher score	ADAS-Cog 28
Rozzini L	2006	Italy	Center of Neurodegenerative and Aging related Disease of the Neurological Clinic, University of Brescia, Italy	aMCI	74	54(73)	71.6	7.6	26.4	Higher score	ADAS-Cog 32
Rozzini L	2007	Italy	Center of Neurodegenerative and Aging related Disease of the Neurological Clinic, University of Study, Brescia, Italy	aMCI	119(100)	74(62.2)	70.6	7.8	26.9	Higher score	ADAS-Cog 36
Barnes DE	2014	USA	Alzheimer's Disease Neuroimaging Initiative database	aMCI	382	137 (36)	75	–	–	Higher score	ADAS-Cog 51

Gomar JJ	2014	USA	Alzheimer's Neuroimaging database	Disease Initiative	MCI	371(100)	174(47)	74.97	15.7	27.07	Higher score	ADAS-Cog	58
Landau SM	2010	USA	Alzheimer's Neuroimaging database	Disease Initiative	MCI	400(21)	29(34.12)	78.1	16.3	27	Higher score	AVLT total	8
Zhou B	2012	Japan	Alzheimer's Neuroimaging database	Disease Initiative	MCI	397(100)	141(35.5)	74.8	15.7	–	Higher score	AVLT total	28
Vemuri P	2011	USA	Mayo Clinic Center	AD Research	aMCI	296(42)	51 (41.5)	77	15	27	Higher score	AVLT total	45
Gomar JJ	2014	USA	Alzheimer's Neuroimaging database	Disease Initiative	MCI	371(100)	174(47)	74.97	15.7	27.07	Higher score	AVLT total	58
Gomar JJ	2011	USA	Alzheimer's Neuroimaging database	Disease Initiative	MCI	320(100)	117(36.6)	74.9	15.6	27.06	Higher score	AVLT delay	10

Zhou B	2012	Japan	Alzheimer's Neuroimaging database	Disease Initiative	MCI	397(100)	141(35.5)	74.8	15.7	-	Higher score	AVLT delay	28
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AD, Alzheimer's disease; aMCI, amnesic mild cognitive impairment; MCI, mild cognitive impairment; FU, follow-up length; MMSE, mini-mental state examination