

Main demographic, cognitive, neurological, and functional characteristics of the comparison groups.

N	Variables	p Value		
		CNEP vs MNCD-AD	CNEP vs ScVMNCD	MNCD-AD vs ScVMNCD
1	Age (years)	0.95 ^a	0.97 ^a	0.99 ^a
2	Gender, male/female	0.89 ^b	0.21 ^b	0.23 ^b
3	Education (years)	0.58 ^a	0.78 ^a	0.94 ^a
4	MMSE, score	<0.00001	<0.00001	0.09
5	Delayed recall, TIME test	<0.00001	<0.00001	0.05
6	Delayed cued recall+recognition, TIME test	<0.00001	<0.00001	<0.00001
7	Clock drawing test, part I	0.09	<0.00001	<0.00001
8	Verbal fluency	0.06	<0.00001	<0.00001
9	Kinetic apraxia, Luria's tests	1.0	<0.00001	<0.00001
10	Visuospatial apraxia, Luria's	<0.00001	0.75	0.0003
11	The severity of pseudobulbar syndrome	1.0	<0.00001	<0.00001
12	POMA	0.06	<0.00001	<0.00001
13	BADL	<0.00001	<0.00001	0.00002
CNEP vs MNCD-AD				
	↓ labels ↓	↓ P-values ↓	P-value's rank (i)	Benjamini-Hochberg P-value (i/m)*Q (Q=0.25, m=13)
1	MMSE, score	<0.00001	1	0.019
2	Delayed recall, TIME test	<0.00001	1	0.019
3	Delayed cued recall+recognition, TIME test	<0.00001	1	0.019
4	Visuospatial apraxia, Luria's	<0.00001	1	0.019
5	BADL	<0.00001	1	0.019
6	POMA	0.06	2	0.038
7	Verbal fluency,	0.06	2	0.038
8	Clock drawing test, part I	0.09	3	0.058
9	Education (years)	0.58 ^a	4	0.077
10	Gender, male/female	0.89 ^b	5	0.096
11	Age (years)	0.95 ^a	6	0.115
12	Kinetic apraxia, Luria's tests	1.0	7	0.135
13	The severity of pseudobulbar syndrome	1.0	7	0.135
CNEP vs ScVMNCD				
1	MMSE, score	<0.00001	1	0.019

2	Delayed recall, TIME test	<0.00001	1	0.019
3	Delayed cued recall+recognition, TIME test	<0.00001	1	0.019
4	Clock drawing test, part I	<0.00001	1	0.019
5	Verbal fluency	<0.00001	1	0.019
6	Kinetic apraxia, Luria's tests	<0.00001	1	0.019
7	The severity of pseudobulbar syndrome	<0.00001	1	0.019
8	POMA	<0.00001	1	0.019
9	BADL	<0.00001	1	0.019
10	Gender, male/female	0.21 ^b	2	0.038
11	Visuospatial apraxia, Luria's	0.75	3	0.058
12	Education (years)	0.78 ^a	4	0.077
13	Age (years)	0.97 ^a	5	0.096
MNCD-AD vs ScVMNCD				
1	Delayed cued recall+recognition, TIME test	<0.00001	1	0.019
2	Clock drawing test, part I	<0.00001	1	0.019
3	Verbal fluency	<0.00001	1	0.019
4	Kinetic apraxia, Luria's tests	<0.00001	1	0.019
5	The severity of pseudobulbar syndrome	<0.00001	1	0.019
6	POMA	<0.00001	1	0.019
7	BADL	0.00002	2	0.038
8	Visuospatial apraxia, Luria's	0.0003	3	0.058
9	Delayed recall, TIME test	0.05	4	0.077
10	MMSE, score	0.09	5	0.096
11	Gender, male/female	0.23 ^b	6	0.115
12	Education (years)	0.94 ^a	7	0.135
13	Age (years)	0.99 ^a	8	0.153

MNCD-AD, patients with mild neurocognitive disorder due to Alzheimer's disease; *ScVMNCD*, patients with mild subcortical vascular neurocognitive disorder; ^a ANOVA, Post-hoc Scheffe test; ^b chi-square test; nonparametric ANOVA test for multiple comparisons if not otherwise specified

Frequency of NPS in CNEP and patients with the main types of MNCD.

N	NPI items	p Value		
		CNEP vs MNCD-AD	CNEP vs ScVMNCD	MNCD-AD vs ScVMNCD
1	NPI, total score	<0.00001 ^a	<0.00001 ^a	0.97 ^a
2	Total prevalence of NPS	<0.00001	<0.00001	0.15
3	Agitation	-	-	-
4	Delusion	-	-	-
5	Hallucinations	-	-	-
6	Depression	0.062	<0.00001	<0.00001
7	Anxiety	<0.00001	0.03	<0.00001
8	Euphoria	-	0.37	0.32
9	Apathy	-	<0.00001	<0.00001
10	Disinhibition	-	0.006	0.002
11	Irritability	<0.00001	0.03	<0.00001
12	Aberrant motor behavior	-	0.07	0.04
13	Sleep	<0.00001	0.30	<0.00001
14	Eating/appetite	0.12	0.04	0.47
CNEP vs MNCD-AD				
	↓ labels↓	↓ P-values ↓	P-value's rank (i)	Benjamini-Hochberg P-value ($(i/m)*Q$) (Q=0.25, m=14)
1	NPI, total score	<0.00001 ^a	1	0.017
2	Total prevalence of NPS	<0.00001	1	0.017
3	Anxiety	<0.00001	2	0.036
4	Irritability	<0.00001	2	0.036
5	Sleep	<0.00001	2	0.036
6	Depression	0.062	3	0.054
7	Eating/appetite	0.12	4	0.071
8	Euphoria	-		
9	Apathy	-		
10	Disinhibition	-		
11	Aberrant motor behavior	-		
12	Agitation	-		
13	Delusion	-		
14	Hallucinations	-		

CNEP vs ScVMNCD				
1	NPI, total score	<0.00001 ^a	1	0.017
2	Total prevalence of NPS	<0.00001	1	0.017
3	Depression	<0.00001	1	0.017
4	Apathy	<0.00001	1	0.017
5	Disinhibition	0.006	2	0.036
6	Anxiety	0.03	3	0.054
7	Irritability	0.03	3	0.054
8	Eating/appetite	0.04	4	0.071
9	Aberrant motor behavior	0.07	5	0.090
10	Sleep	0.30	6	0.107
11	Euphoria	0.37	7	0.125
12	Agitation	-		
13	Delusion	-		
14	Hallucinations	-		
MNCD-AD vs ScVMNCD				
1	Apathy	<0.00001	1	0.017
2	Anxiety	<0.0001	2	0.017
3	Depression	<0.0001	2	0.036
4	Irritability	<0.0001	2	0.036
5	Sleep	<0.0001	2	0.036
6	Disinhibition	0.002	3	0.054
7	Aberrant motor behavior	0.04	4	0.071
8	Total prevalence of NPS	0.15	5	0.090
9	Euphoria	0.32	6	0.107
10	Eating/appetite	0.47	7	0.125
11	NPI, total score	0.97 ^a	8	0.143
12	Agitation	-		
13	Delusion	-		
14	Hallucinations	-		

CNEP, cognitively normal elderly persons; *MNCD-AD*, patients with mild neurocognitive disorder due to Alzheimer's disease; *ScVMNCD*, patients with mild subcortical vascular neurocognitive disorder; ^a nonparametric ANOVA test for multiple comparisons; chi-square test if not otherwise specified