

Table 1: Percentage of stationary epochs comparison (whole night)

	CTRL		PMCI		Mixed ANOVA					
	NREM		NREM		Group Df = 1, 16		Stage Df = 1, 16		Group×Stage Df = 1, 16	
	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	F	p	F	p	F	p
Fp2	23.2 (4.45)	14.6 (8.01)	19.3 (12.49)	29.1 (23.16)	0.7	0.405	0.0	0.921	2.2	0.161
Fp1	19.2 (7.73)	13.0 (11.89)	19.1 (15.33)	19.2 (18.49)	0.2	0.636	0.2	0.634	0.3	0.616
F8	32.2 (14.31)	31.2 (16.80)	20.7 (16.15)	23.5 (18.70)	1.7	0.214	0.0	0.902	0.1	0.803
F7	29.0 (8.59)	25.4 (12.53)	19.2 (11.91)	20.0 (17.77)	1.7	0.216	0.1	0.816	0.1	0.711
F4	25.1 (7.65)	19.3 (11.72)	22.3 (14.38)	24.2 (18.05)	0.0	0.870	0.1	0.747	0.4	0.530
F3	24.9 (3.99)	15.1 (9.08)	19.4 (14.01)	17.0 (15.30)	0.1	0.729	1.4	0.251	0.5	0.479
T4	21.5 (4.41)	15.3 (9.27)	20.4 (17.16)	19.8 (15.84)	0.1	0.768	0.4	0.557	0.2	0.634
T3	27.9 (6.89)	24.2 (11.97)	23.4 (13.18)	25.8 (19.93)	0.1	0.815	0.0	0.918	0.2	0.628
C4	22.7 (7.23)	18.4 (8.53)	20.0 (13.06)	25.3 (18.84)	0.1	0.717	0.0	0.930	0.7	0.412
C3	31.6 (17.16)	27.9 (18.37)	26.3 (19.11)	28.7 (14.69)	0.1	0.775	0.0	0.932	0.2	0.703
T6	30.8 (8.21)	29.2 (16.64)	20.4 (13.68)	21.0 (16.64)	2.1	0.162	0.0	0.937	0.0	0.865
T5	20.4 (5.78)	12.6 (6.36)	19.3 (14.77)	21.1 (18.48)	0.4	0.521	0.3	0.602	0.7	0.405
P4	37.1 (8.12)	14.4 (12.69)	37.8 (9.61)	11.4 (9.01)	0.1	0.802	30.2	0.000	0.2	0.676
P3	38.0 (9.93)	15.9 (9.06)	39.3 (13.93)	16.8 (11.79)	0.0	0.832	19.3	0.000	0.0	0.966
O2	31.8 (33.56)	36.2 (34.46)	14.6 (16.69)	17.0 (14.75)	2.4	0.145	0.1	0.780	0.0	0.935
O1	18.2 (7.18)	12.1 (8.28)	17.0 (12.45)	14.8 (12.23)	0.0	0.867	0.8	0.379	0.2	0.682
FZ	18.6 (7.45)	9.5 (11.73)	17.6 (14.82)	17.0 (23.03)	0.2	0.638	0.5	0.490	0.4	0.544
CZ	17.2 (10.46)	11.2 (12.61)	16.9 (14.28)	14.3 (14.88)	0.1	0.818	0.5	0.476	0.1	0.781
PZ	21.2 (5.76)	8.6 (6.53)	15.6 (11.62)	5.5 (10.58)	1.2	0.288	8.0	0.012	0.1	0.764
LOG	17.1 (10.47)	7.3 (6.02)	15.7 (12.25)	8.1 (14.23)	0.0	0.951	3.0	0.101	0.0	0.833
ROG	14.0 (7.89)	2.7 (3.46)	14.2 (12.30)	4.1 (7.93)	0.0	0.833	7.9	0.012	0.0	0.880
EMG	14.2 (7.59)	3.4 (3.72)	10.5 (8.39)	3.9 (6.93)	0.3	0.616	7.9	0.012	0.5	0.506

CTRL, Control group; PMCI, Probable Mild Cognitive Impairment

Table 2: Percentage of stationary epochs comparison

	CTRL		PMCI		Mixed ANOVA					
	NREM		NREM		Group		Stage		Group×Stage	
	Df = 1, 16		Df = 1, 16		Df = 1, 16		Df = 1, 16		Df = 1, 16	
	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	F	p	F	p	F	p
Fp2	14.7 (10.95)	13.3 (11.06)	6.0 (8.94)	10.0 (17.32)	1.2	0.298	0.1	0.814	0.2	0.639
Fp1	13.3 (16.50)	16.0 (19.49)	8.0 (13.04)	14.0 (19.49)	0.2	0.643	0.3	0.584	0.0	0.833
F8	17.3 (26.50)	12.0 (21.68)	14.0 (16.73)	18.0 (30.33)	0.0	0.904	0.0	0.952	0.2	0.674
F7	19.3 (15.35)	24.7 (21.42)	28.0 (30.33)	24.0 (30.50)	0.1	0.727	0.0	0.954	0.2	0.685
F4	11.3 (16.60)	14.0 (8.94)	16.0 (15.17)	24.0 (30.50)	0.7	0.412	0.4	0.549	0.1	0.763
F3	25.3 (21.81)	23.3 (24.27)	18.0 (19.24)	22.0 (26.83)	0.2	0.682	0.0	0.924	0.1	0.776
T4	19.3 (15.35)	22.0 (16.43)	22.0 (17.89)	26.0 (23.02)	0.2	0.691	0.2	0.691	0.0	0.936
T3	25.3 (26.94)	22.0 (33.47)	16.0 (19.49)	26.0 (27.02)	0.0	0.829	0.1	0.787	0.3	0.591
C4	17.3 (12.34)	17.3 (13.00)	8.0 (17.89)	20.0 (28.28)	0.2	0.700	0.5	0.490	0.5	0.490
C3	16.0 (15.17)	36.7 (25.17)	24.0 (25.10)	20.0 (14.14)	0.2	0.644	0.8	0.379	1.8	0.199
T6	24.7 (18.35)	18.7 (30.97)	14.0 (11.40)	4.0 (5.48)	2.2	0.157	0.9	0.362	0.1	0.818
T5	4.0 (5.48)	2.0 (4.47)	4.0 (5.48)	2.0 (4.47)	0.0	1.000	0.8	0.384	0.0	1.000
P4	4.0 (5.48)	3.3 (4.71)	16.0 (30.50)	0.0 (0.00)	0.4	0.545	1.4	0.252	1.2	0.290
P3	12.0 (17.89)	4.7 (8.69)	10.0 (14.14)	12.0 (16.43)	0.2	0.691	0.2	0.691	0.5	0.488
O2	18.7 (21.42)	17.3 (12.34)	18.0 (26.83)	18.0 (29.50)	0.0	1.000	0.0	0.950	0.0	0.950
O1	5.3 (5.06)	9.3 (7.23)	12.0 (16.43)	14.0 (19.49)	0.9	0.361	0.2	0.626	0.0	0.870
FZ	18.0 (16.60)	12.7 (19.21)	6.0 (5.48)	12.0 (16.43)	0.8	0.370	0.0	0.962	0.7	0.422
CZ	13.3 (14.34)	12.0 (12.61)	6.0 (8.94)	12.0 (26.83)	0.2	0.637	0.1	0.764	0.2	0.637
PZ	19.3 (14.02)	14.0 (21.91)	8.0 (13.04)	14.0 (16.73)	0.6	0.461	0.0	0.965	0.6	0.461
LOG	10.7 (9.25)	8.0 (8.37)	14.0 (16.73)	12.0 (13.04)	0.4	0.515	0.2	0.677	0.0	0.952
ROG	0.7 (1.49)	0.0 (0.00)	18.0 (24.90)	4.0 (5.48)	3.5	0.080	1.6	0.217	1.4	0.260
EMG	6.0 (8.94)	18.0 (24.90)	8.0 (8.37)	10.0 (10.00)	0.2	0.655	1.1	0.304	0.6	0.459

CTRL, Control group; PMCI, Probable Mild Cognitive Impairment