

**Table 1. Demographic and Clinical Characteristics (n = 174)**

<b>Characteristic</b>	<b>N</b>	<b>Non-adherent N = 46<sup>1</sup></b>	<b>Adherent N = 128<sup>1</sup></b>	<b>p-value<sup>2</sup></b>
ethnicity	174			>0.9
Hispanic or Latino		3 (6.5%)	10 (7.8%)	
Not Hispanic or Latino		43 (93%)	118 (92%)	
education	174			0.4
<= high school		12 (26%)	24 (19%)	
> high school		34 (74%)	104 (81%)	
race	173			<0.001
White		23 (51%)	101 (79%)	
Black		19 (42%)	18 (14%)	
Other		3 (6.7%)	9 (7.0%)	
Unknown		1	0	
age	174	66.98 ± 7.57	66.81 ± 7.53	0.9
sex	174			>0.9
Female		22 (48%)	58 (45%)	
Male		24 (52%)	70 (55%)	
BMI	174	42.15 ± 7.37	42.20 ± 7.18	>0.9
AHI	174	35.59 ± 19.91	34.49 ± 21.20	0.8
ESS	174	9.02 ± 4.79	8.84 ± 5.04	0.8
MMSE	174			0.6
21		1 (2.2%)	0 (0%)	
23		0 (0%)	3 (2.3%)	

<sup>1</sup> n (%); Mean ± SD<sup>2</sup> Pearson's Chi-squared test; Welch Two Sample t-test

Characteristic	N	Non-adherent N = 46 <sup>1</sup>	Adherent N = 128 <sup>1</sup>	p-value <sup>2</sup>
24		2 (4.3%)	4 (3.1%)	
25		3 (6.5%)	10 (7.8%)	
26		6 (13%)	15 (12%)	
27		9 (20%)	20 (16%)	
28		11 (24%)	24 (19%)	
29		11 (24%)	35 (27%)	
30		3 (6.5%)	17 (13%)	
Average daily CPAP (hr/night)	174	1.61 ± 1.35	6.42 ± 1.32	<0.001
ODSI_baseline	174	8.30 ± 5.77	7.87 ± 6.21	0.7
ADCS_MCI_12m	129			0.5
1		2 (7.7%)	17 (17%)	
2		3 (12%)	25 (24%)	
3		6 (23%)	19 (18%)	
4		8 (31%)	25 (24%)	
5		4 (15%)	10 (9.7%)	
6		3 (12%)	7 (6.8%)	
Unknown		20	25	
<sup>1</sup> n (%); Mean ± SD				
<sup>2</sup> Pearson's Chi-squared test; Welch Two Sample t-test				