

Table 1. Demographics, Clinical Characteristics, olfactory screen, psychometric and memory tests

Variable	GBS-Zika+ (a)	GBS-non-Zika Control group (b)	P Value
<i>n</i>	19	9	n.a.
Guadeloupe, No. / Martinique, No.	9 / 10	8 / 1	n.a.
Woman, No. (%)	12 (63.2)	5 (55.6)	>0.999
Age at inclusion (years), Median (IQR)	50.0 (43.0-60.0)	56.0 (45-64)	0.637
Brighton level: 1, No. / 2, No./ 3, No. / 4, No.	12 / 2 / 1 / 4	3 / 6 / 0 / 0	n.a.
Time between Zika (a) or neurological sign onset (b) and olfactory screening months, median (IQR)	17.0 (14.0-20.0)	18.0 (15.0-22.5)	0.289
Patients with residual neurological symptoms, No. (%)	12 (63.2)	8 (88.9)	0.214
MRC scale [†] , median (IQR)	60.0 (60.0-60.0)	60.0 (52.0-60.0)	0.092
Residual motor deficits: MRC<60, No. (%)	3 (15.79)	4 (44.44)	0.165
Olfactory performance self-rated, rated as normal, No. (%)	8 (42.1)	9 (100.0)	0.004
Olfactory perception deficit (n/16): T<6, No. (%)	14 (73.7)	1 (11.1)	0.004
Olfactory discrimination deficit (n/16): D<10, No. (%)	7 (36.8)	1 (11.1)	0.214
Olfactory identification deficit (n/16): I<11, No. (%)	9 (47.4)	0 (0.0)	0.026
Hyposmia: TDI <31, No. (%)	13 (68.4)	2 (22.2)	0.042
Major hyposmia: TDI<24, No. (%)	9 (47.4)	0 (0.0)	0.026
Odorants (n/16) rated as pleasant, No. (IQR)	8.0 (7.0-11.0)	10 (6.5-11.5)	0.619
Odorants (n/16) rated as unpleasant, No. (IQR)	2.0 (1.0-4.0)	2.0 (2.0-3.0)	0.795
Odorants (n/16) rated as neutral, No. (IQR)	5.0 (4.0-7.0)	4.0 (3.0-6.0)	0.520
Immediate memory score (n/50), median (IQR)	19.5 (14.5-24.5)	19.0 (14.0-25.5)	>0.999
Hamilton Depression Rating Scale 17 (HDRS) (n/52), median (IQR)	4.0 (2.0-10.0)	3.0 (0.0-8.5)	0.520
Major depression: HDRS>19, No. (%)	2 (10.5)	0 (0.0)	>0.999

n.a., not applicable; P values<0.05 are in bold.

[†]The MRC scale is defined as the sum of MRC subscores of 6 different muscles measured bilaterally (0: complete paralysis; 1: minimal contraction; 2: active movement with gravity eliminated; 3: weak contraction against gravity; 4: active movement against gravity and resistance; 5 normal strength), which results in a score ranging from 0 (tetraplegic) to 60 (normal).