Natalizumab	CA	BALA		CA	BALA	
	mean (SD)	mean (SD)	P value	adjusted mean (SD)	adjusted mean (SD)	P value
Total ASC%	0.72 (0.52)	1.17 (0.99)	0.05	0.66 (0.18)	1.05 (0.23)	0.11
#Total ASC	54.42 (45.42)	92.92 (71.71)	0.02	51.91 (13.79)	92.13 (17.57)	0.03
CS ASC%	1.69 (1.27)	3.07 (3.02)	0.03	1.50 (0.53)	2.67 (0.68)	0.10
#CS ASC	33.23 (30.64)	59.73 (49.21)	0.02	32.09 (9.46)	57.97 (12.23)	0.04
CS 138%	0.96 (0.67)	1.74 (1.48)	0.02	0.89 (0.26)	1.63 (0.34)	0.04
#CS 138	19.08 (16.35)	35.37 (30.25)	0.02	19.15 (5.59)	36.49 (7.22)	0.02
IgM ASC%	0.75 (0.80)	1.23 (1.14)	0.08	0.64 (0.22)	1.13 (0.29)	0.10
IgM 138%	0.71 (0.60)	1.30 (0.94)	0.009	0.69 (0.18)	1.34 (0.23)	0.01
#IgM ASC	11.47 (10.82)	11.92 (8.82)	0.87	10.95 (2.23)	11.83 (2.88)	0.77
#IgM 138	11.34 (10.42)	12.03 (7.18)	0.78	11.79 (2.03)	13.59 (2.63)	0.51

MS No DMT	CA	BALA		CA	BALA	
	mean (SD)	mean (SD)	P value	adjusted mean (SD)	adjusted mean (SD)	P value
Total ASC%	2.10 (0.96)	6.57 (6.69)	0.08	2.39 (2.09)	6.20 (1.80)	0.21
#Total ASC	68.38 (48.17)	254.00 (262.18)	0.07	88.46 (80.21)	223.22 (69.37)	0.24
CS ASC%	11.53 (6.69)	21.17 (11.02)	0.04	12.22 (3.68)	19.95 (3.19)	0.15
#CS ASC	54.22 (33.97)	227.65 (229.40)	0.05	68.53 (70.40)	204.05 (60.88)	0.19
CS 138%	4.06 (2.02)	7.10 (6.08)	0.19	4.85 (1.63)	6.74 (1.41)	0.42
#CS 138	28.59 (22.10)	94.10 (111.93)	0.12	42.50 (33.00)	80.28 (28.54)	0.42
IgM ASC%	2.08 (0.93)	5.01 (3.47)	0.03	2.40 (1.05)	4.74 (0.90)	0.13
IgM 138%	1.27 (0.68)	2.26 (1.94)	0.18	1.57 (0.55)	2.02 (0.47)	0.56
#IgM ASC	11.53 (10.95)	18.04 (16.71)	0.35	13.19 (5.69)	15.69 (4.92)	0.75
#IgM 138	6.44 (5.71)	8.15 (8.83)	0.64	7.70 (2.87)	6.96 (2.48)	0.85

Healthy Donor	CA	BALA		CA	BALA	
	mean (SD)	mean (SD)	P value	adjusted mean (SD)	adjusted mean (SD)	P value
Total ASC%	2.71 (2.20)	2.12 (1.32)	0.44	2.47 (0.62)	2.17 (0.58)	0.72
#Total ASC	109.04 (85.14)	175.16 (156.66)	0.20	114.78 (40.99)	161.67 (38.44)	0.39
CS ASC%	9.70 (6.89)	9.09 (5.91)	0.82	9.34 (2.29)	9.24 (2.15)	0.98
#CS ASC	66.21 (67.56)	129.50 (155.59)	0.20	69.18 (41.32)	125.18 (38.76)	0.32
CS 138%	3.55 (2.34)	3.52 (2.16)	0.97	3.20 (0.74)	3.68 (0.70)	0.63
#CS 138	24.69 (21.43)	50.50 (64.96)	0.19	28.33 (16.66)	51.45 (15.63)	0.30
IgM ASC%	2.02 (1.85)	3.52 (4.11)	0.25	2.25 (1.08)	3.79 (1.01)	0.29
IgM 138%	1.40 (0.93)	1.43 (1.08)	0.93	1.41 (0.34)	1.53 (0.32)	0.80
#IgM ASC	12.02 (9.51)	21.25 (24.31)	0.22	14.72 (6.20)	22.94 (5.81)	0.33
#IgM 138	9.37 (7.95)	8.36 (5.31)	0.73	9.89 (2.36)	8.98 (2.22)	0.77

Table e-1. Unadjusted and adjusted means of outcome measures by ethno-ancestry group. Unadjusted means were compared using simple linear regression modeling. As described the in statistical analysis section, adjusted means for each ethno-ancestry group were computed using multivariable linear regression modeling.