

S2 Table.

Mean of ME/CFS with and without mental conditions excluded. Complete cases.

	Mean	Std. Err.	[95% Conf. Interval]	n
Sample I – ME/CFS with mental conditions	0.469	0.031	[0.407 - 0.530]	103
Sample II – ME/CFS without mental conditions	0.509	0.033	[0.444 - 0.575]	79

Two-sample t test with equal variances*

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]
1	103	0.4687379	0.0313283	0.3179472	[0.4065984 ; 0.5308773]
2	79	0.5095696	0.0326525	0.2902219	[0.4445635 ; 0.5745758]
combined	182	0.4864615	0.0226872	0.3060676	[0.4416961 ; 0.531227]
diff		-0.0408318	0.0458002		[-0.1312061 ; 0.0495426]

diff = mean(1) - mean(2) t = -0.8915

Ho: diff = 0 degrees of freedom = 180

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0

Pr(T < t) = 0.1869 Pr(|T| > |t|) = 0.3738 Pr(T > t) = 0.8131

* NOTE: since the two samples are overlapping and not independent, the ttest is not an optimal test of mean difference, since the assumption of independence is violated. However, to the authors' knowledge, there is no consensus of which test is the best to apply in this case.