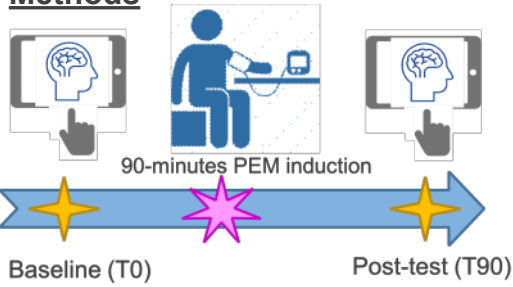


Goals

We aimed to compare a small cohort of individuals having long COVID (LC) to individuals with myalgic encephalomyelitis (ME), and establish if the cognitive impairment in both condition was similar.

Methods



Cohort description



HC
 n = 23
 17 F; 6 M
 Age 40 ± 10
 Recovery 2wk



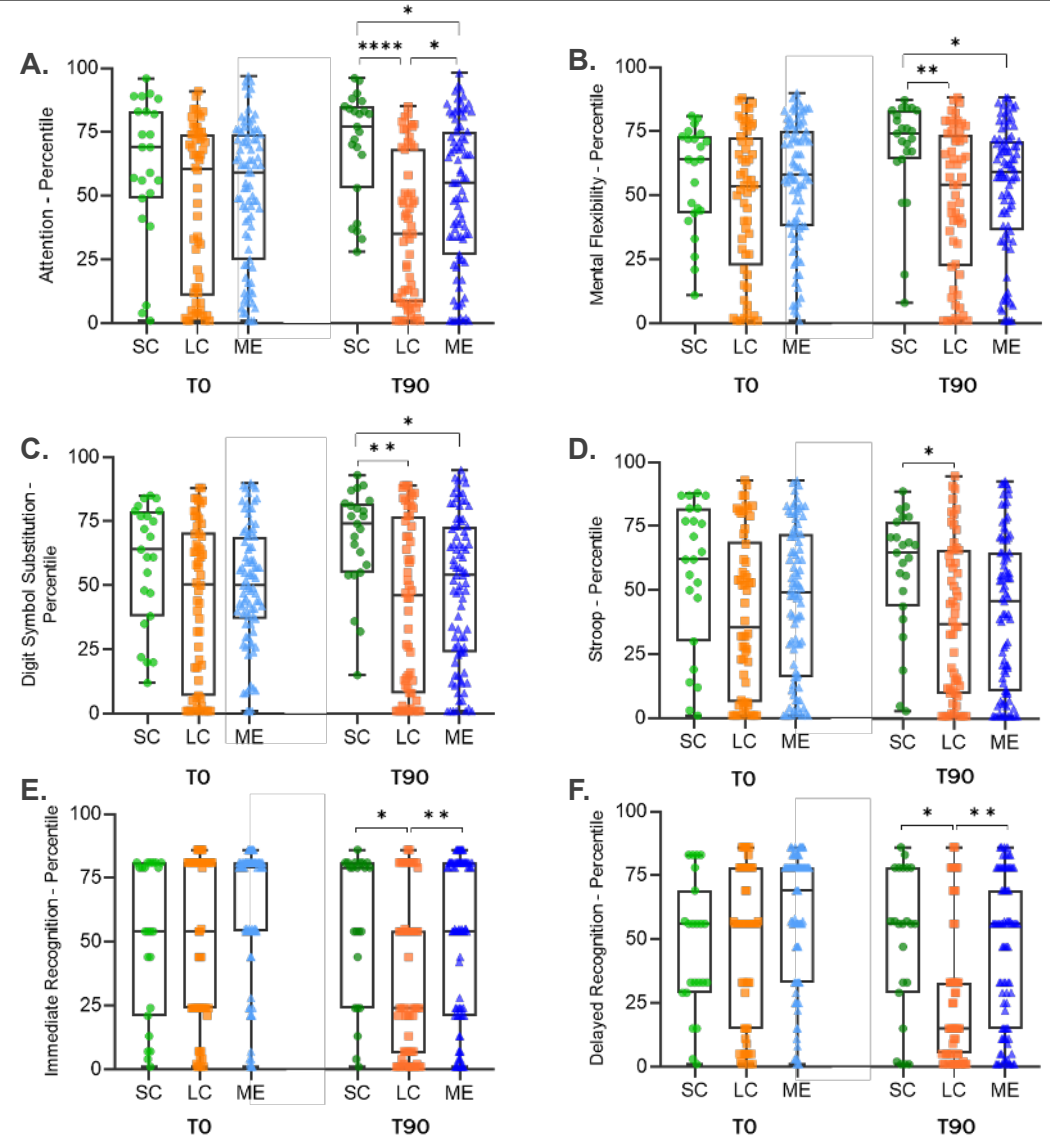
LC
 n = 58
 55 F; 3 M
 Age 44 ± 7
 Symptoms 6+ months



ME
 n = 87
 75 F; 12 M
 Age 44 ± 10
 Illness duration 12y ± 13

- For LC and HC First COVID infection between 2020 and 2022, confirmed by Public Health, no ICU
- ME diagnosed with CCC/ICC and/or physician diagnosis
- Important difference (****) on health and symptoms questionnaires between HC vs LC/ME

Results



- There is no difference at baseline between the two conditions and healthy controls
- After PEM induction both LC and ME have cognitive impairment
- LC seem to experience stronger cognitive impairment than ME