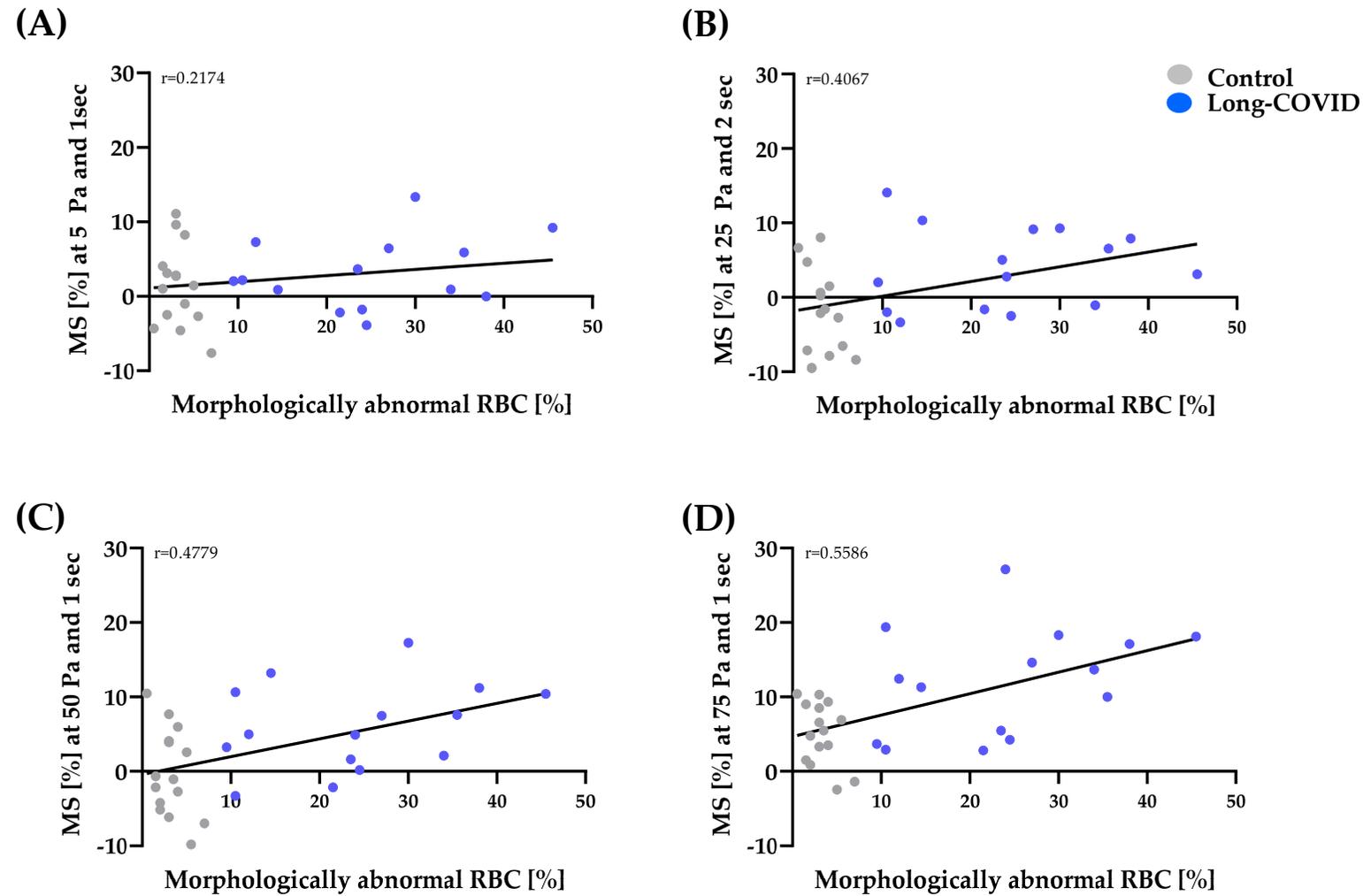
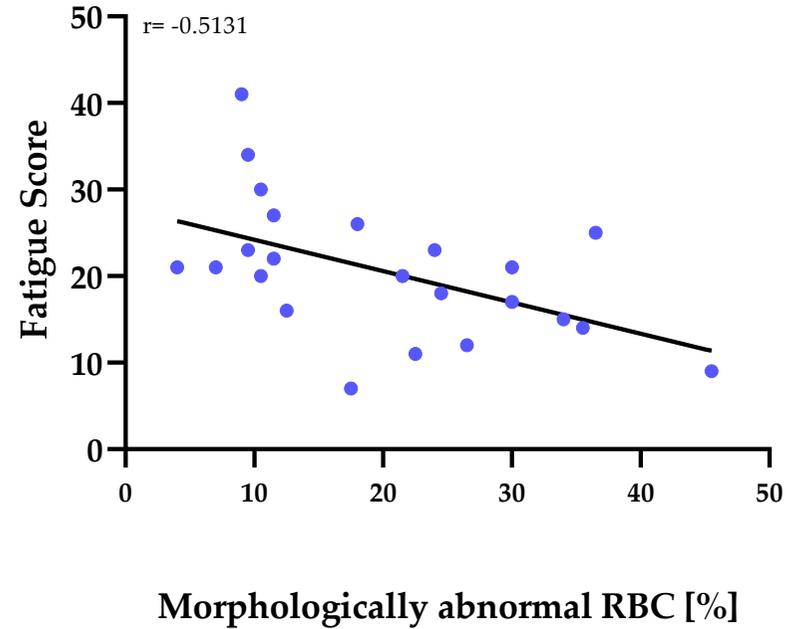


Figure S1



**Figure S1: Pearson correlation coefficient of Mechanical sensitivity index (MS) and percentage of morphologically abnormal RBC (%).** Pearson's  $r$  was calculated at (A) 5 Pa and 1 sec, (B) 25 Pa and 2 sec, (C) 50 Pa and 1 sec and (D) 75 Pa and 1 sec. Resulting correlation coefficient were 0.2174 ( $p=0.1286$ ); 0.4067 ( $p=0.0129$ ); 0.4779 ( $p=0.0038$ ) and 0.5586 ( $p=0.0007$ ), respectively, reflecting a moderate correlation for B-D. Data are  $n=15$  per group. Blue circle: LC; grey circle: non-LC controls.

**Figure S2**



**Figure S2: Pearson correlation coefficient of FACIT-Fatigue score and percentage of morphologically abnormal RBC (%) in patients with Long-COVID.** Pearson correlation analysis revealed a moderate negative correlation between FACIT Fatigue score and RBC morphology with Pearson  $r = -0.5131$  and  $p=0.0061$ . Data are  $n=30$ .