Additional file 5: The scatter plot of source data for correlational analysis presented in Table 3.

Changes between first two visits (Δ = 1st visit - 2nd visit) of (A) BAFF plotted against Δanti-Jo-1, changes of both BAFF and anti-Jo-1 plotted in columns against parameters of activity in rows. These are: (B) changes of markers of muscle impairment [ΔCK, Δmyoglobin, ΔALT and ΔAST] and (C) changes of clinical disease activity assessments [Δmuscle, Δglobal, Δskeletal – within the entire patient’s group, Δcutaneous - within patient with dermatomyositis (DM) and Δpulmonary - within patients with lung involvement (ILD)]. Statistics are: $r =$ Spearman’s correlation coefficient; $p =$ p-value

A single outlying value of Δanti-Jo-1 is highlighted by red circle. The graphs with exclusion of the outlier are plotted in the right column. The significance of some correlations became even stronger after exclusion of the outlier.