Figure 2. Aerobic capacity (expressed as Z-score of VO\textsubscript{2peak} and VO\textsubscript{2peak/kg}) in relation to disease activity in adolescents and young adults with JIA in remission and with active disease.

Z scores are compared to age and sex matched healthy controls

(* p-values <0.05; **p-values <0.01).

Abbreviations: Z-score, standard deviation of the individual patient compared with values from age- and sex- related historical Dutch controls(37); VO\textsubscript{2peak abs**: highest oxygen uptake in liters of oxygen per minute (l/min) during maximum exercise test in l/min; VO\textsubscript{2peak/kg**: highest oxygen uptake in milliliters of oxygen per kilogram of bodyweight per minute (ml/min/kg) during maximum exercise;

AJC: Active Joint Count; DAS28: Disease Activity Score of 28 joints.