Figure 2. Aerobic capacity (expressed as Z-score of VO2peak and VO2peak/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); VO2peak abs: highest oxygen uptake in liters of oxygen per minute (l/min) during maximum exercise test in l/min; VO2peak/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.

Disease activity by Active Joint Count and DAS 28