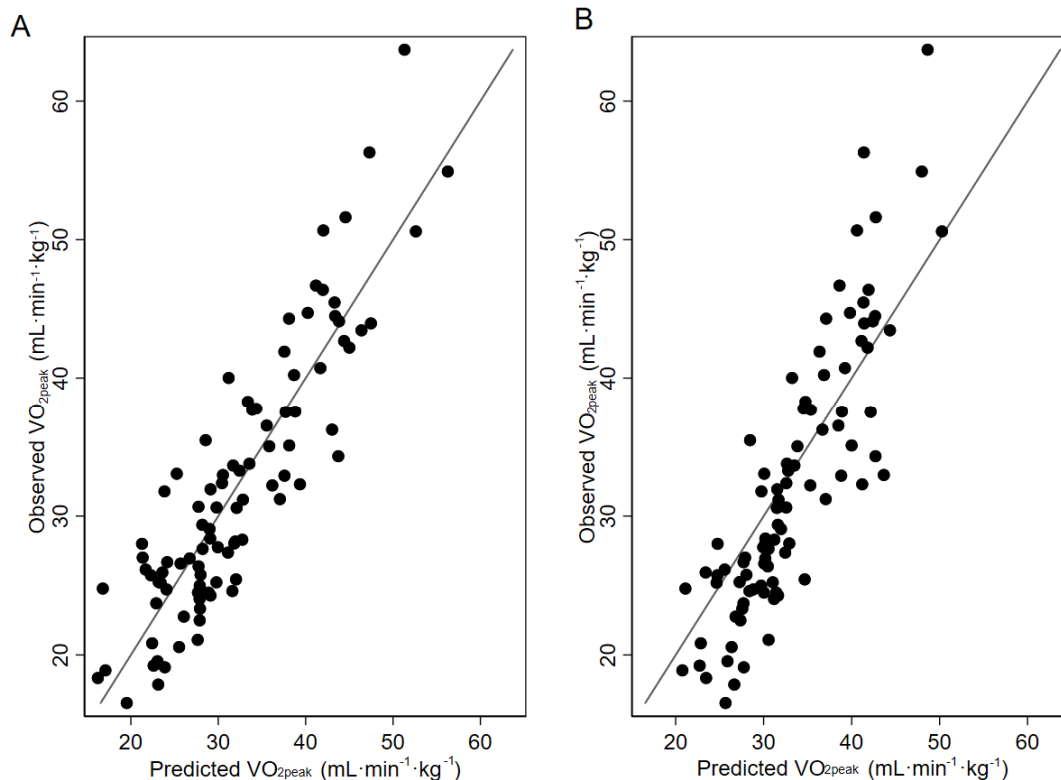


## Supplemental Digital Content 2

**Figure:** Observed vs. predicted  $\text{VO}_{2\text{peak}}$  in persons with RA



Observed vs. predicted  $\text{VO}_{2\text{peak}}$  (mL·min<sup>-1</sup>·kg<sup>-1</sup>) using

Panel A: The new alternative RA equation without the patient global RA assessment.

Panel B: The HUNT equation (1).

The diagonal lines indicate identity between observed and predicted  $\text{VO}_{2\text{peak}}$ . With the HUNT equation, there was a systematic tendency to overestimation of low observed  $\text{VO}_{2\text{peak}}$  and underestimation of high observed  $\text{VO}_{2\text{peak}}$ .

Abbreviations: HUNT, The Norwegian population-based Nord-Trøndelag Health Study; RA, rheumatoid arthritis;  $\text{VO}_{2\text{peak}}$ , peak oxygen uptake.

### Reference:

1. Nes BM, Janszky I, Vatten LJ, Nilsen TI, Aspenes ST, Wisloff U. Estimating V.O<sub>2</sub> peak from a nonexercise prediction model: the HUNT Study, Norway. *Med Sci Sports Exerc.* 2011;43(11):2024-30.