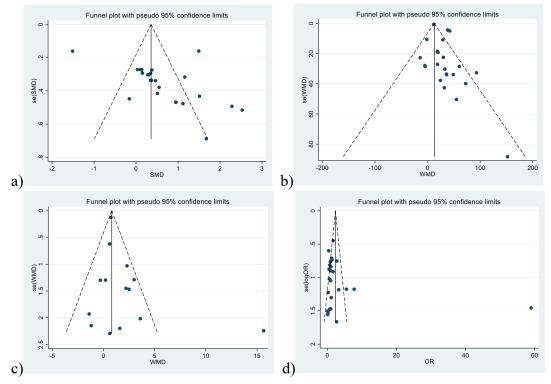
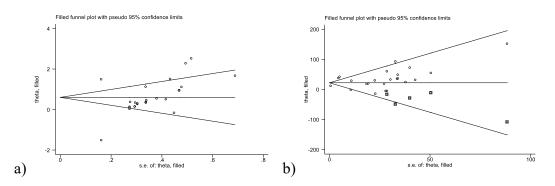


Figure S1 Pooled effect of exercise compared with control on attrition number.

CI, confidence interval; OR, odds ratio; SD, standard deviation.



**Figure S2** Funnel plot showing SE and effect size in trials of exercise for a) skeletal muscle strength, b) 6MWD, c) VO<sub>2</sub> peak, d) attrition number in COPD patients. 6MWD, 6-min walking distance; COPD, chronic obstructive pulmonary disease; OR, odds ratio; SMD, standardized mean difference; VO<sub>2</sub> peak, peak oxygen consumption; WMD, weighted mean difference.



**Figure S3** Trim and fill methods showing the filled studies need to diminish the publication bias (the circles enclosed in boxes are filled studies). a) skeletal muscle strength, b) 6MWD.

6MWT, 6-min walking distance.