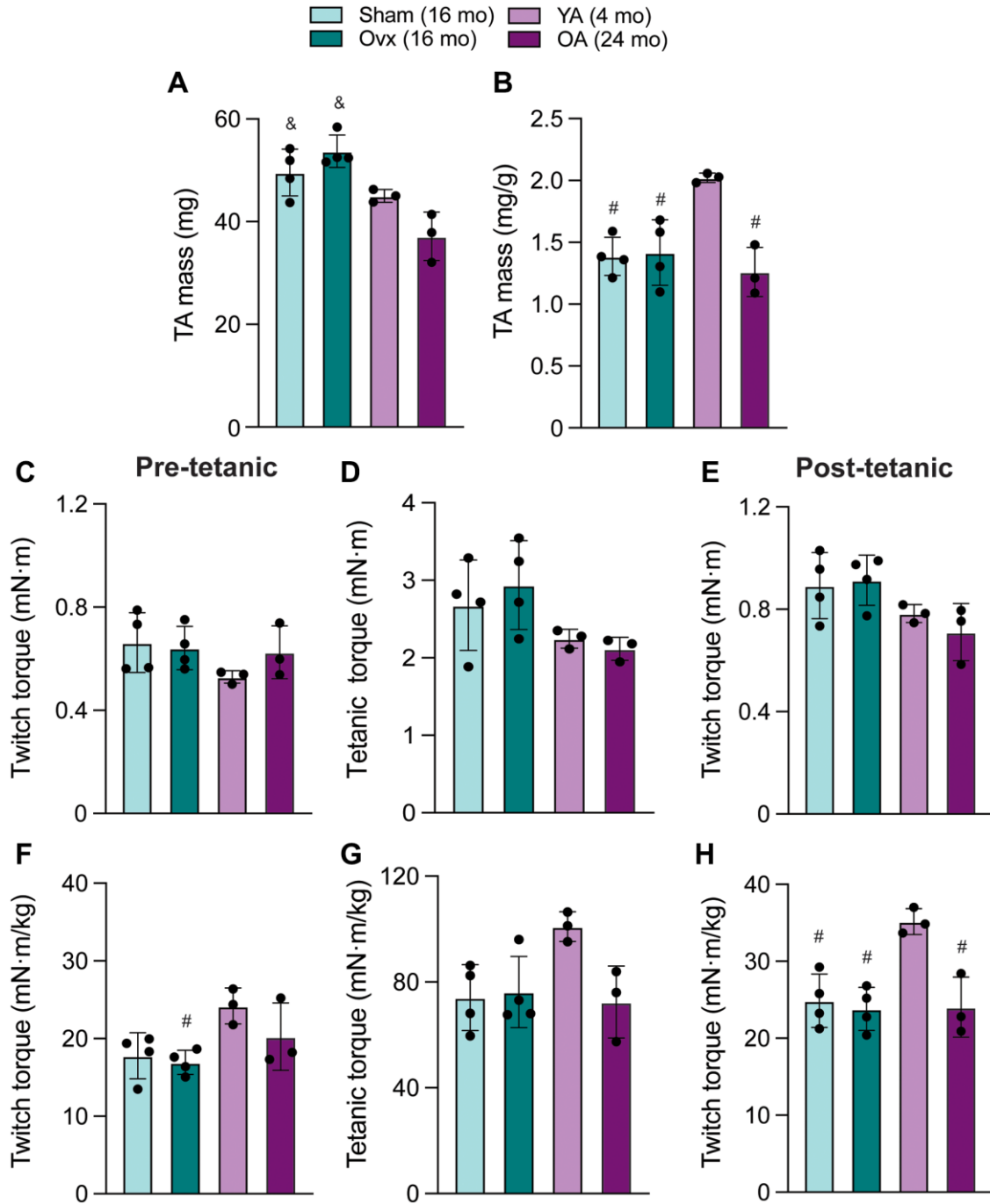


SUPPLEMENTARY FIGURE



Supplementary Figure 1. TA muscle mass and torque of adult Sham and OvX mice and Young adult (YA) and Older adult (OA) mice. (A) Left TA muscles were immediately dissected after the terminal contraction experiment and weighed. (B) TA mass was normalized to mouse body mass. Absolute torque measurements were measured in each mouse (C–E) and torque measurements were normalized to body mass (F–H). (C, F) pre-tetanic twitch torque, (D, G) maximal isometric tetanic torque, and (E, H) post-tetanic twitch torque measurements. All data A-H were analyzed by a one-way ANOVA with Tukey’s multiple comparison test: significant differences were found in TA mass ($p = 0.001$), normalized TA mass to body mass ($p = 0.003$), and normalized torque ($p \leq 0.044$), but no significant differences were found across groups for absolute torque measurements ($p \geq 0.158$); $n = 3-4$ /group). Values represents mean \pm SD. & significantly different from OA, # significantly different from YA.