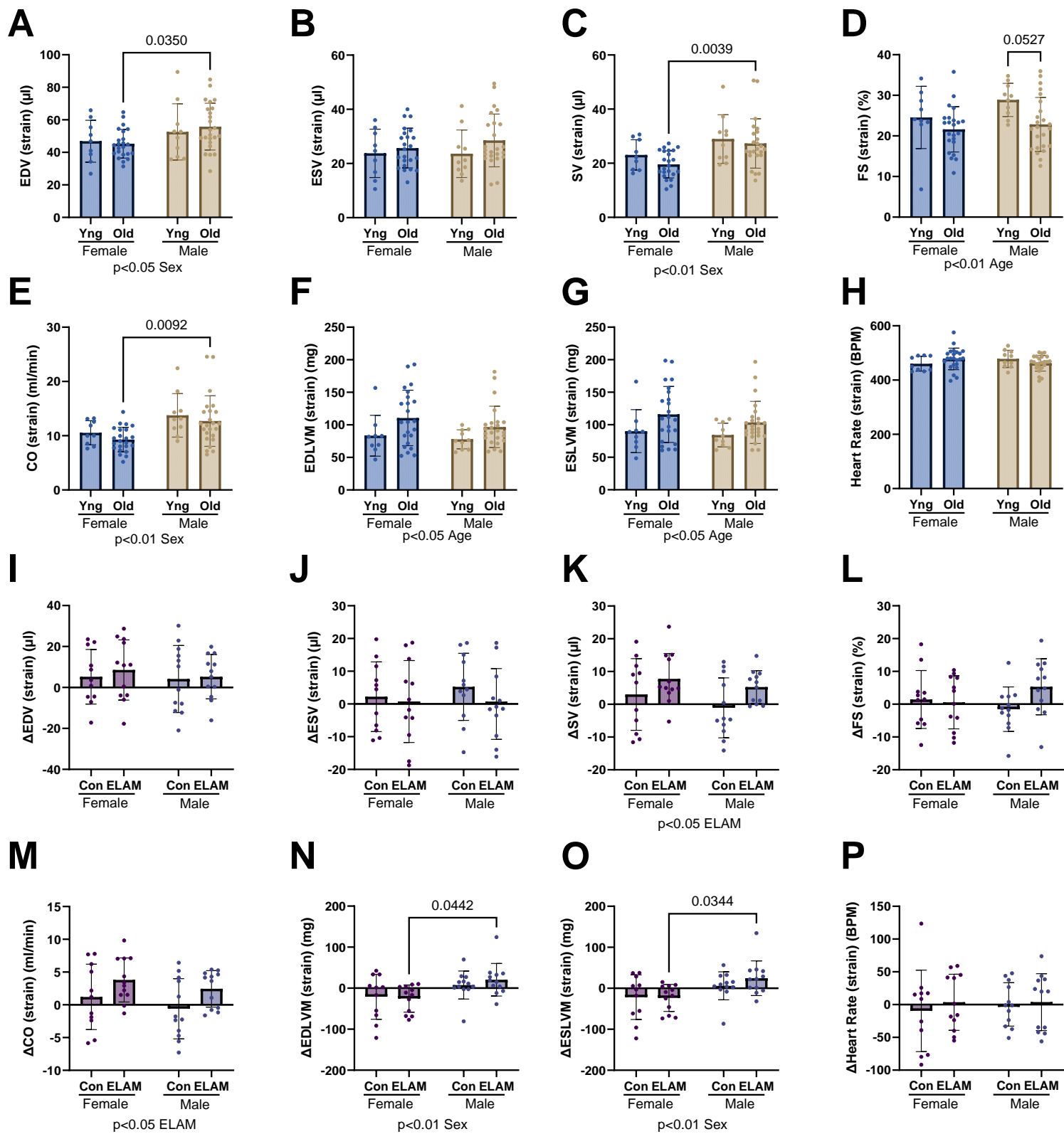
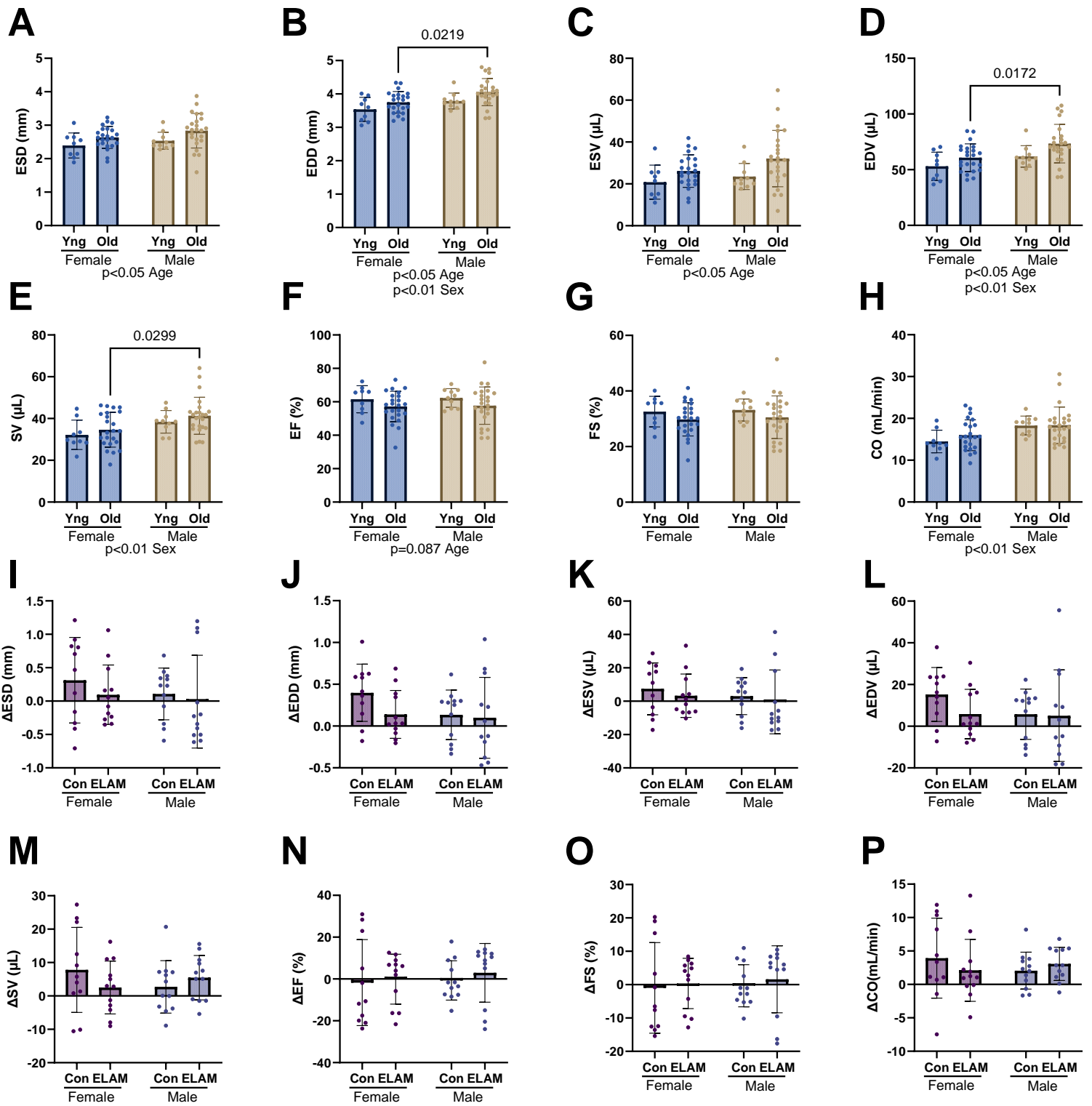


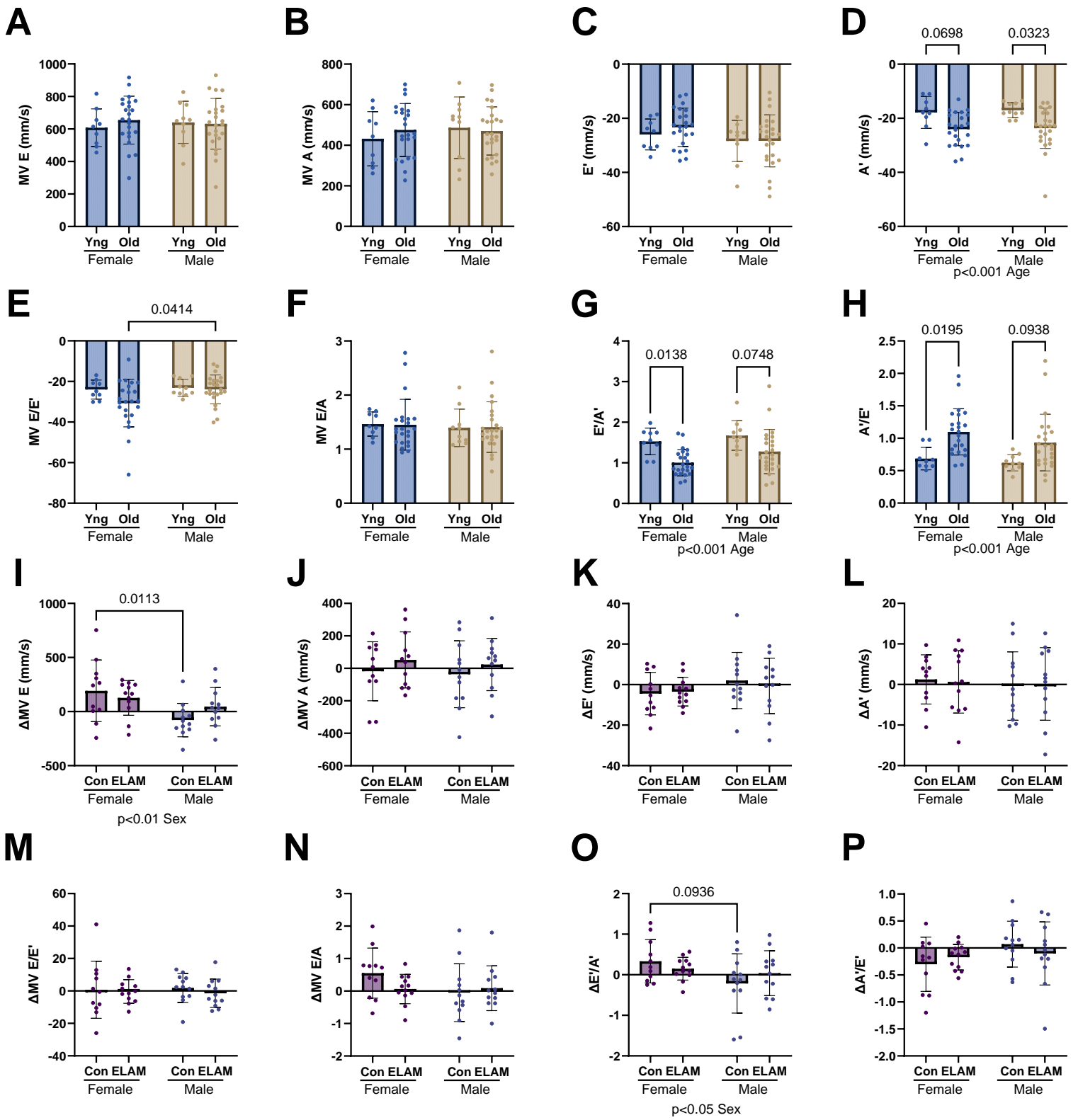
Extended Data Figure 1



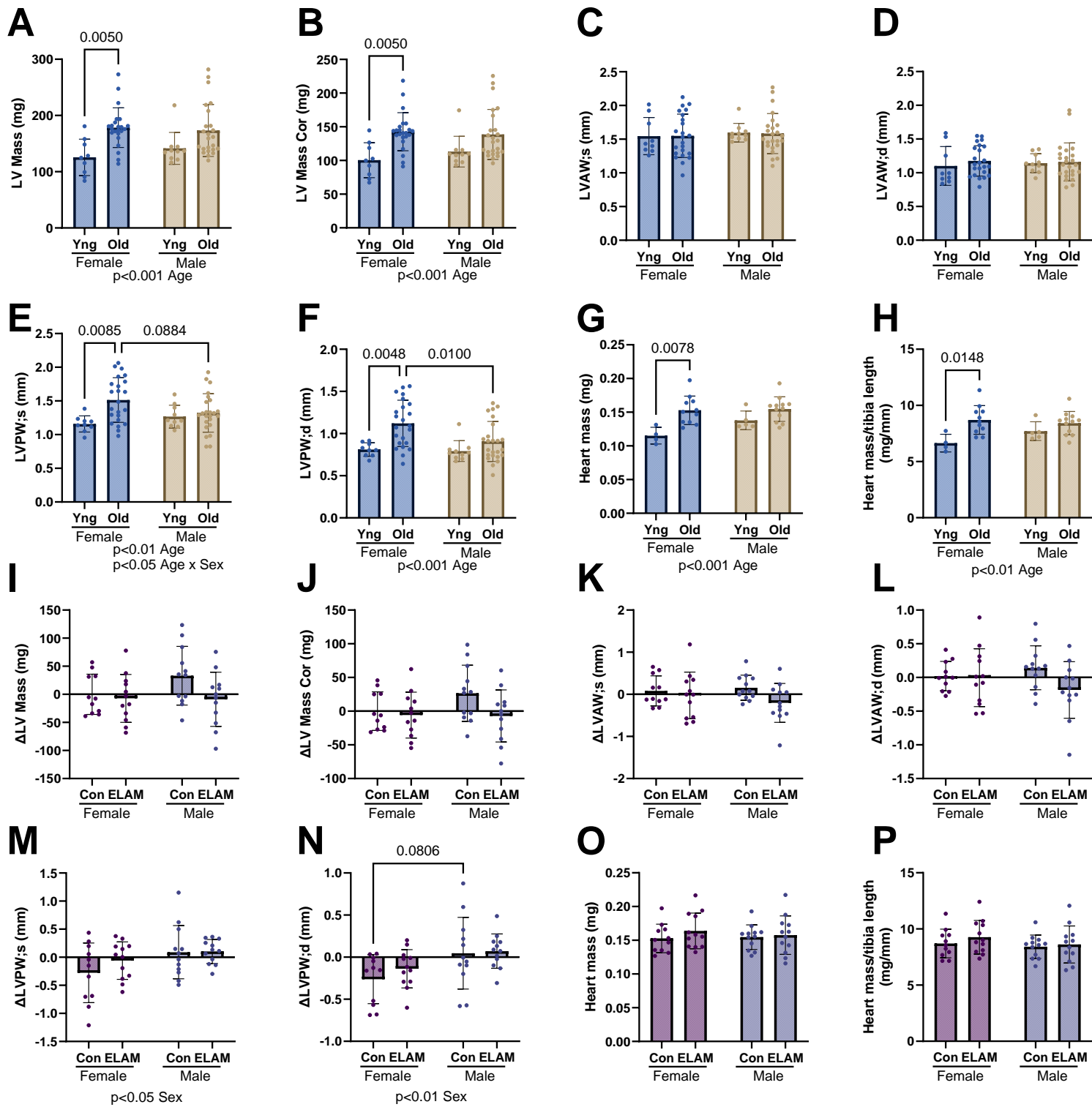
Extended Data Figure 2



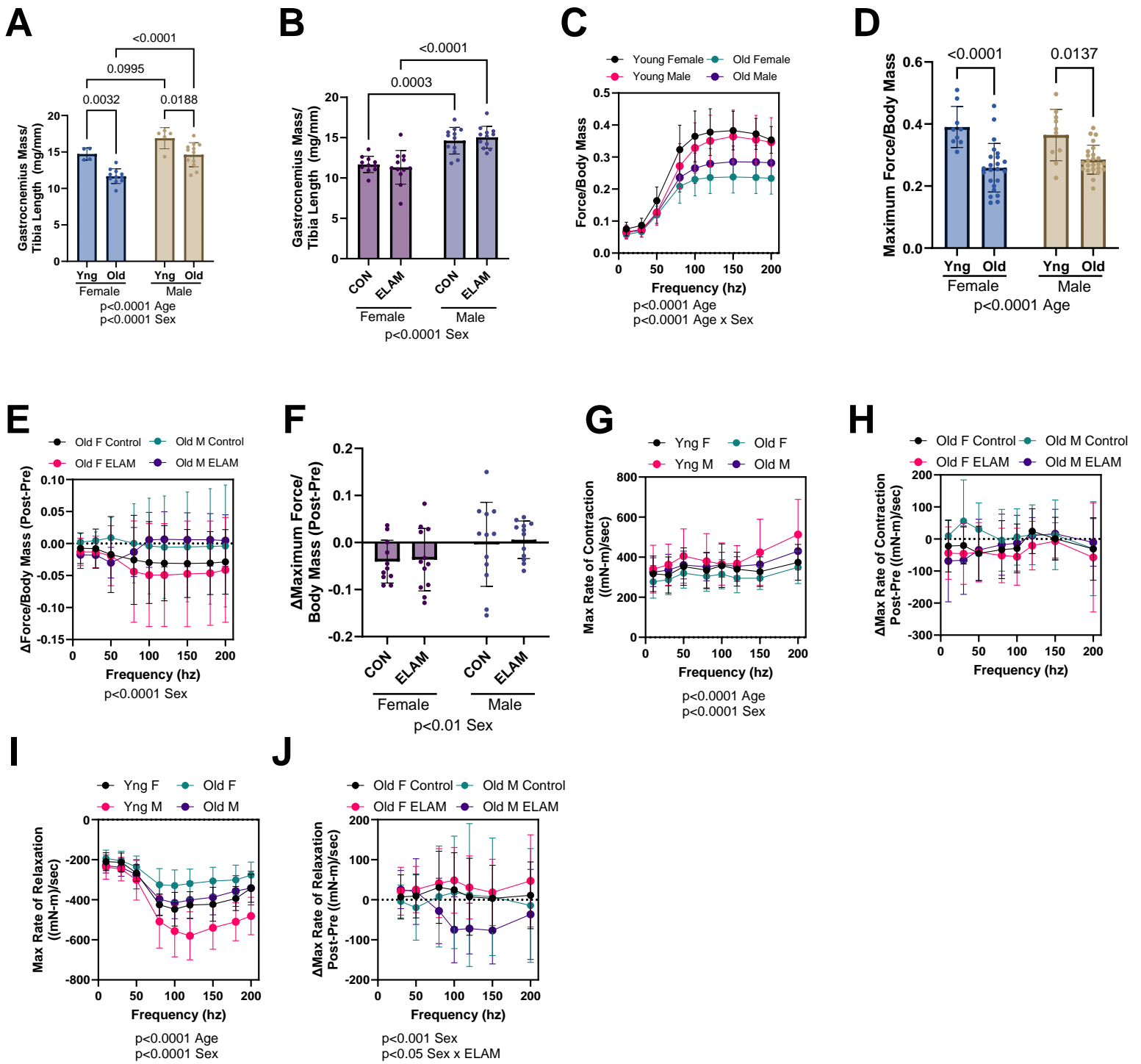
Extended Data Figure 3

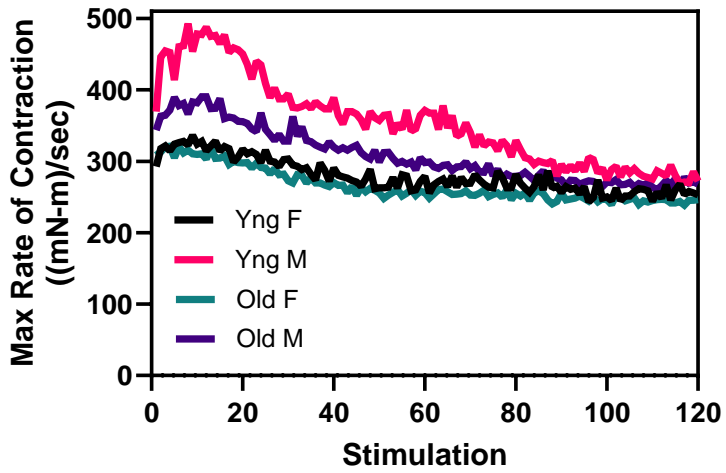


Extended Data Figure 4

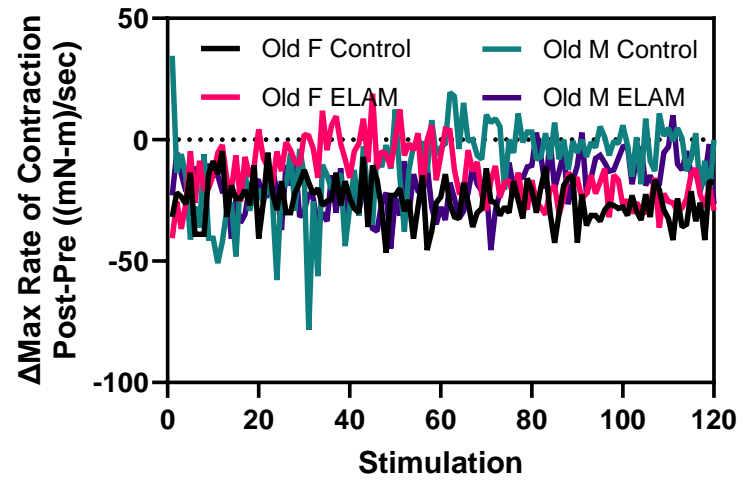


Extended Data Figure 5

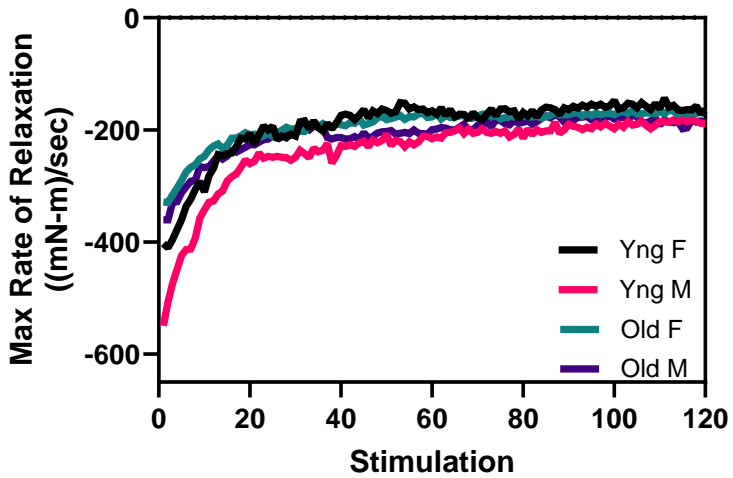


A

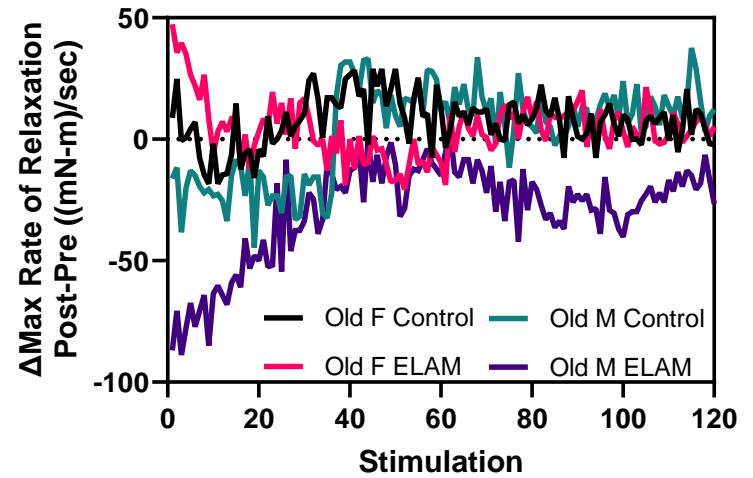
$p < 0.0001$ Age
 $p < 0.0001$ Sex
 $p < 0.0001$ Age x Sex

B

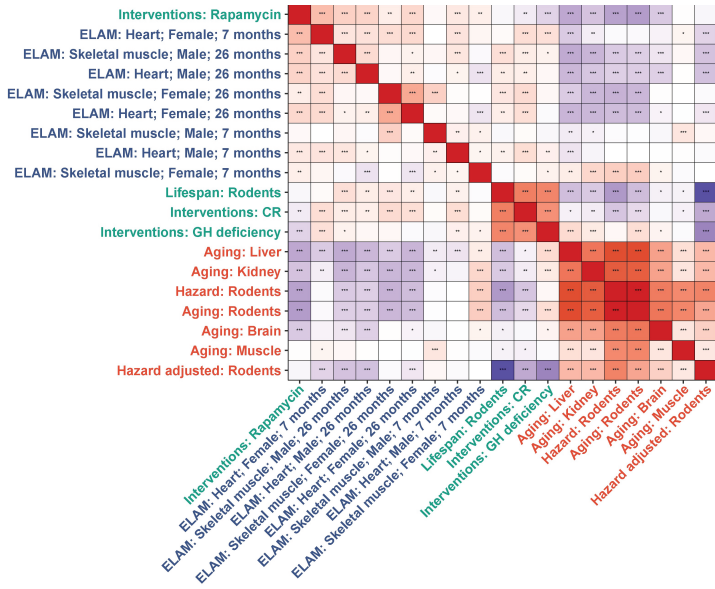
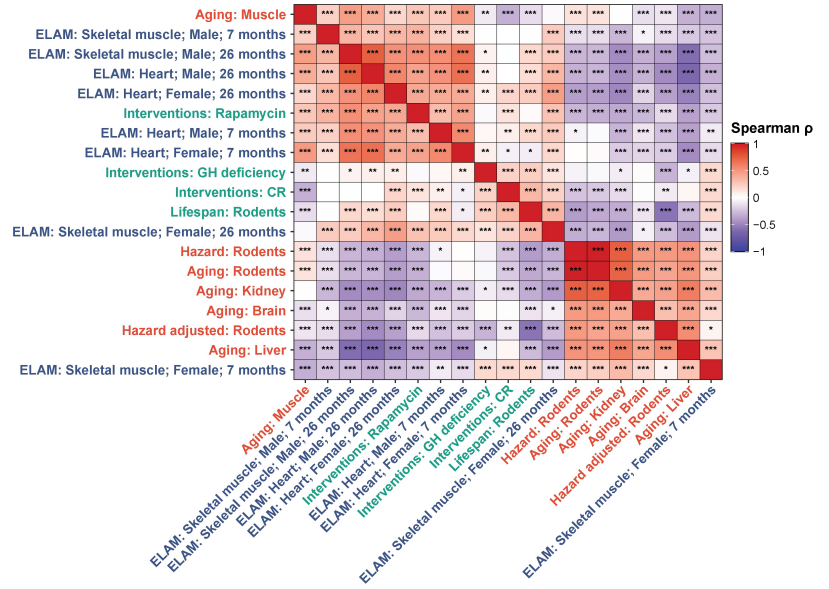
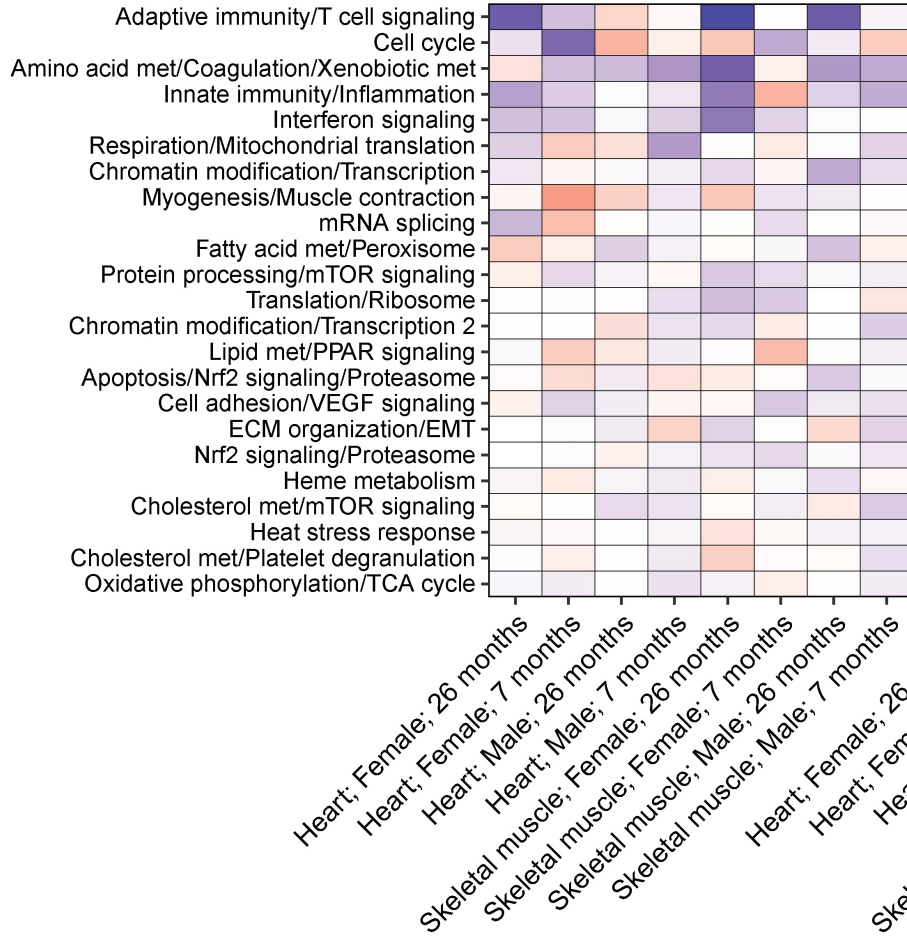
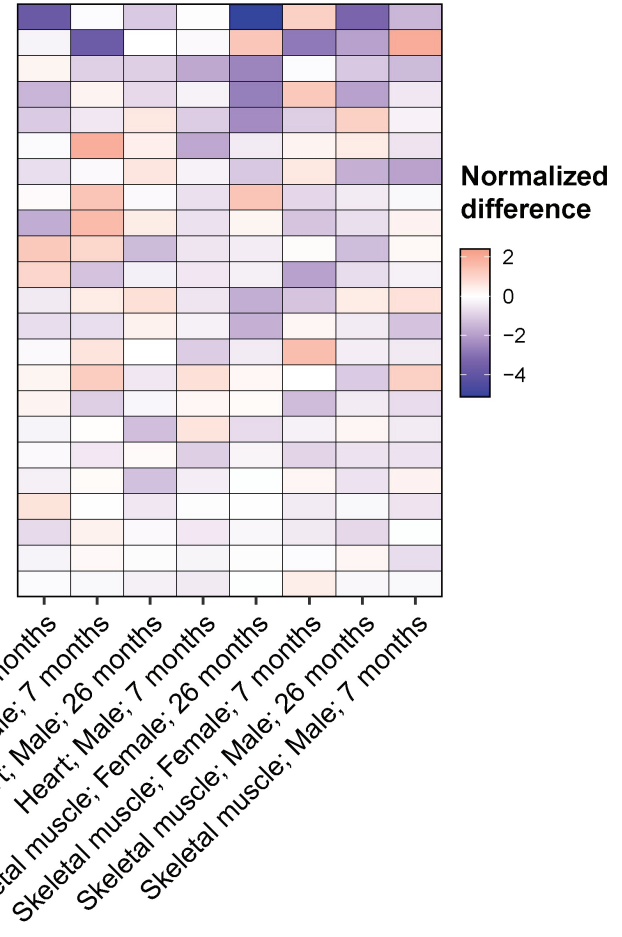
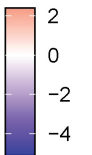
$p < 0.05$ Sex
 $p < 0.001$ Sex x ELAM

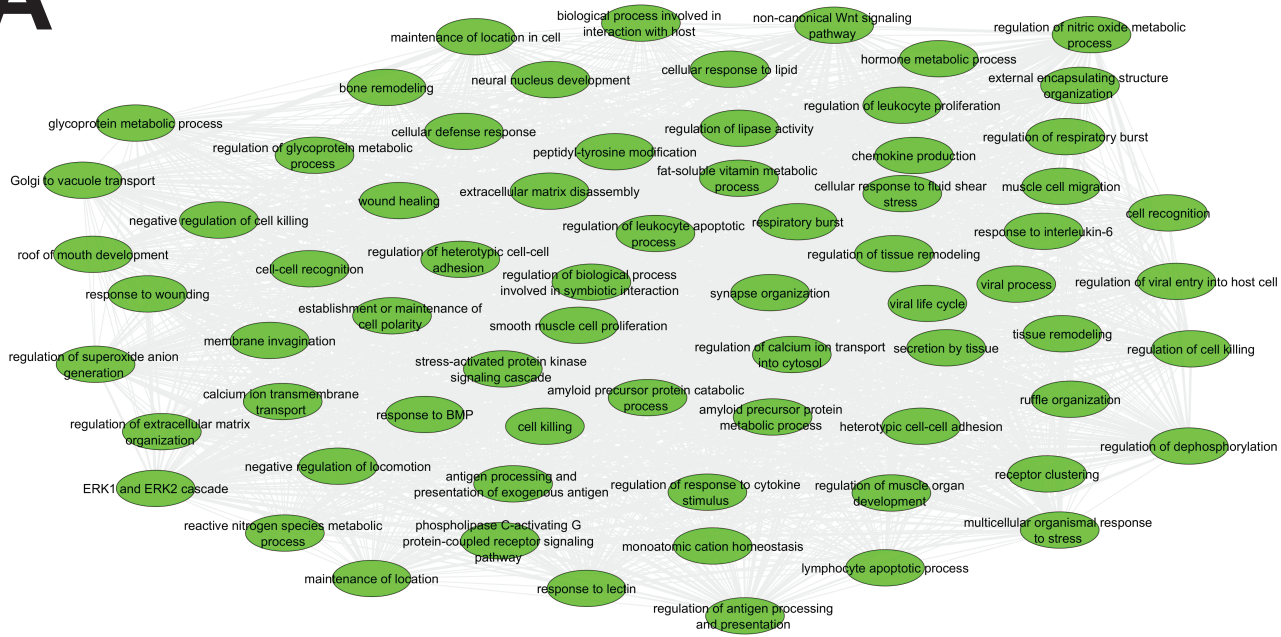
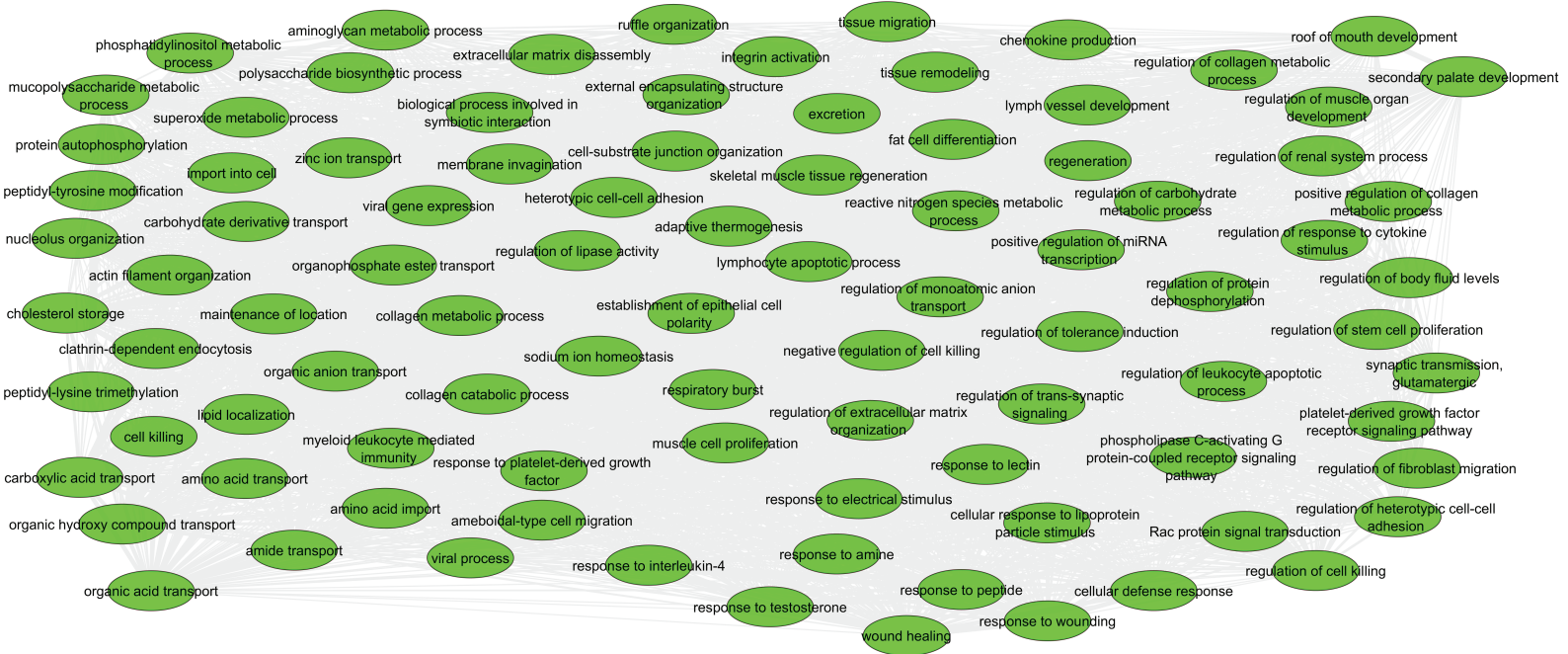
C

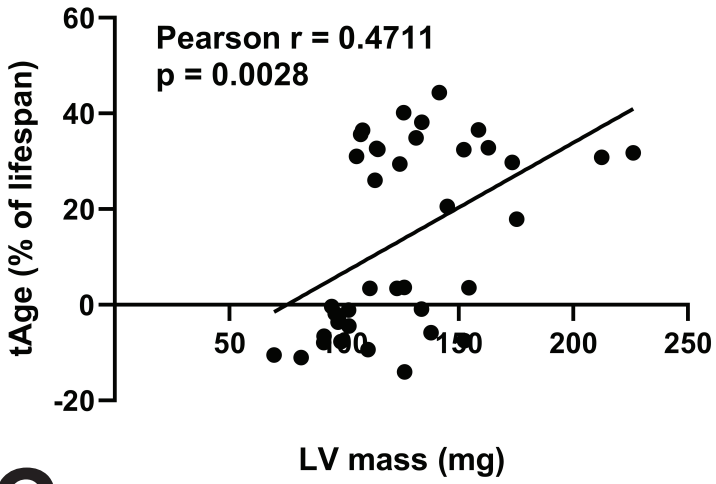
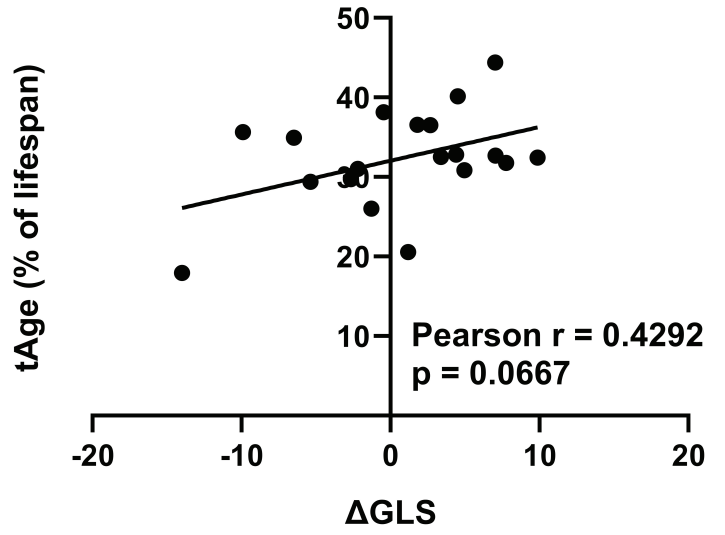
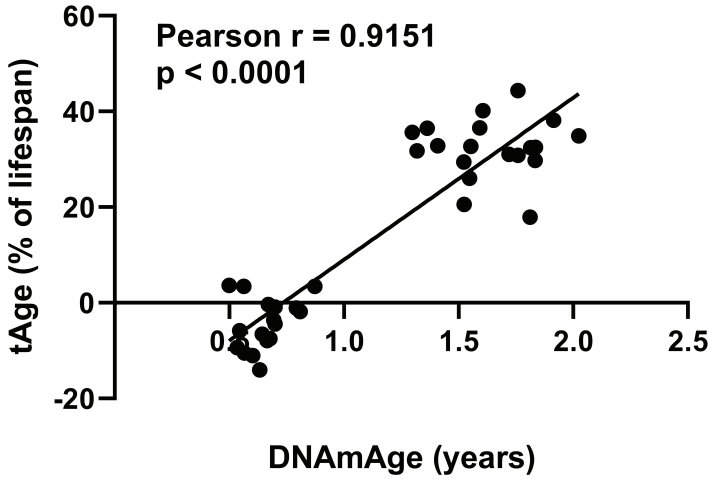
$p < 0.0001$ Age
 $p < 0.0001$ Sex
 $p < 0.0001$ Age x Sex

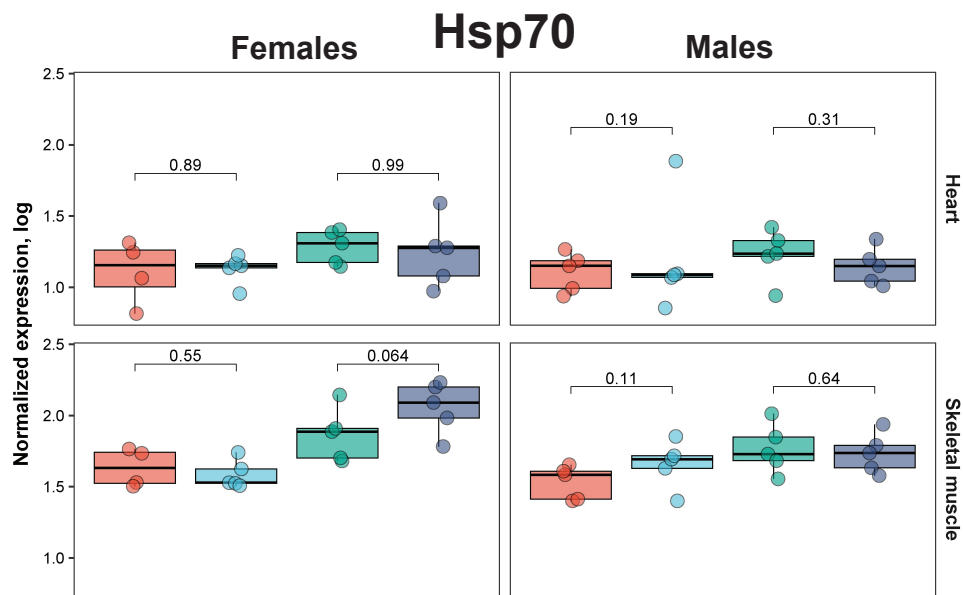
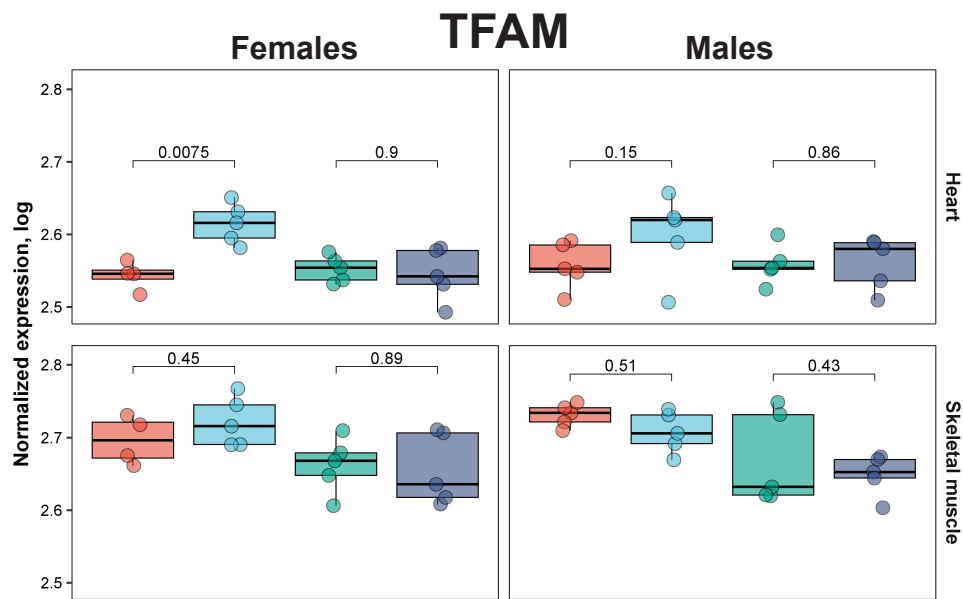
D

$p < 0.0001$ Sex
 $p < 0.0001$ ELAM
 $p < 0.0001$ Sex x ELAM

A**Correlation - Genes****Correlation - Pathways****B****Chronological Clock****Mortality Clock****Normalized difference**

A**B**

A**B****C**

A**B****C**