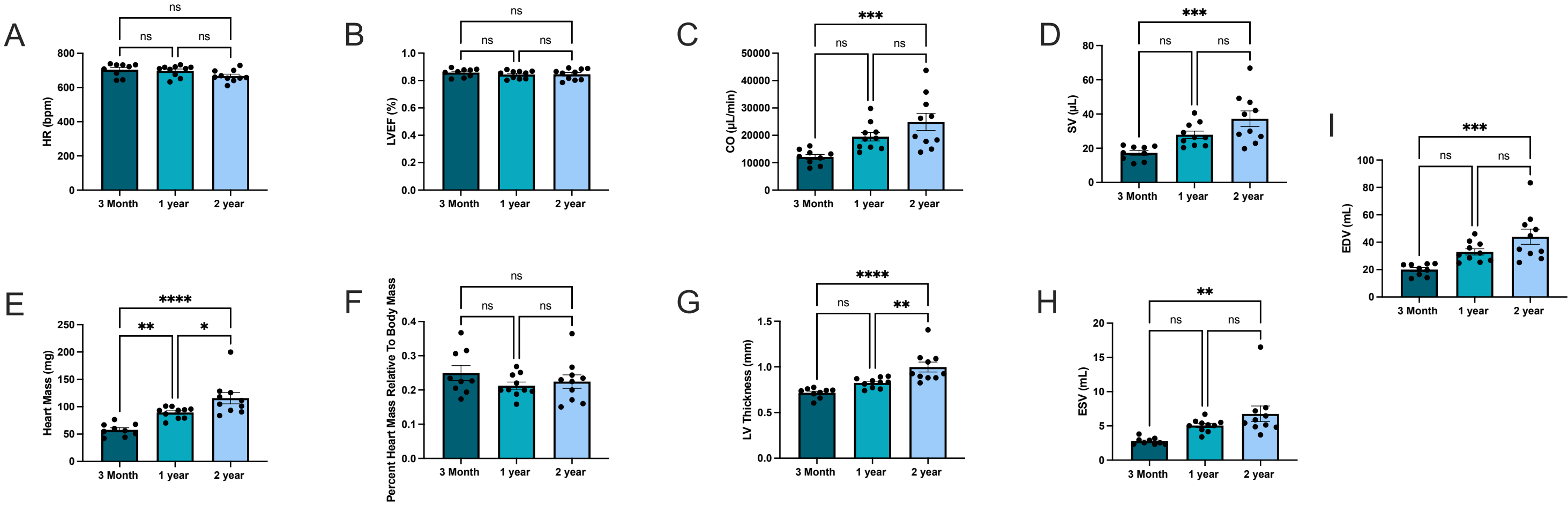
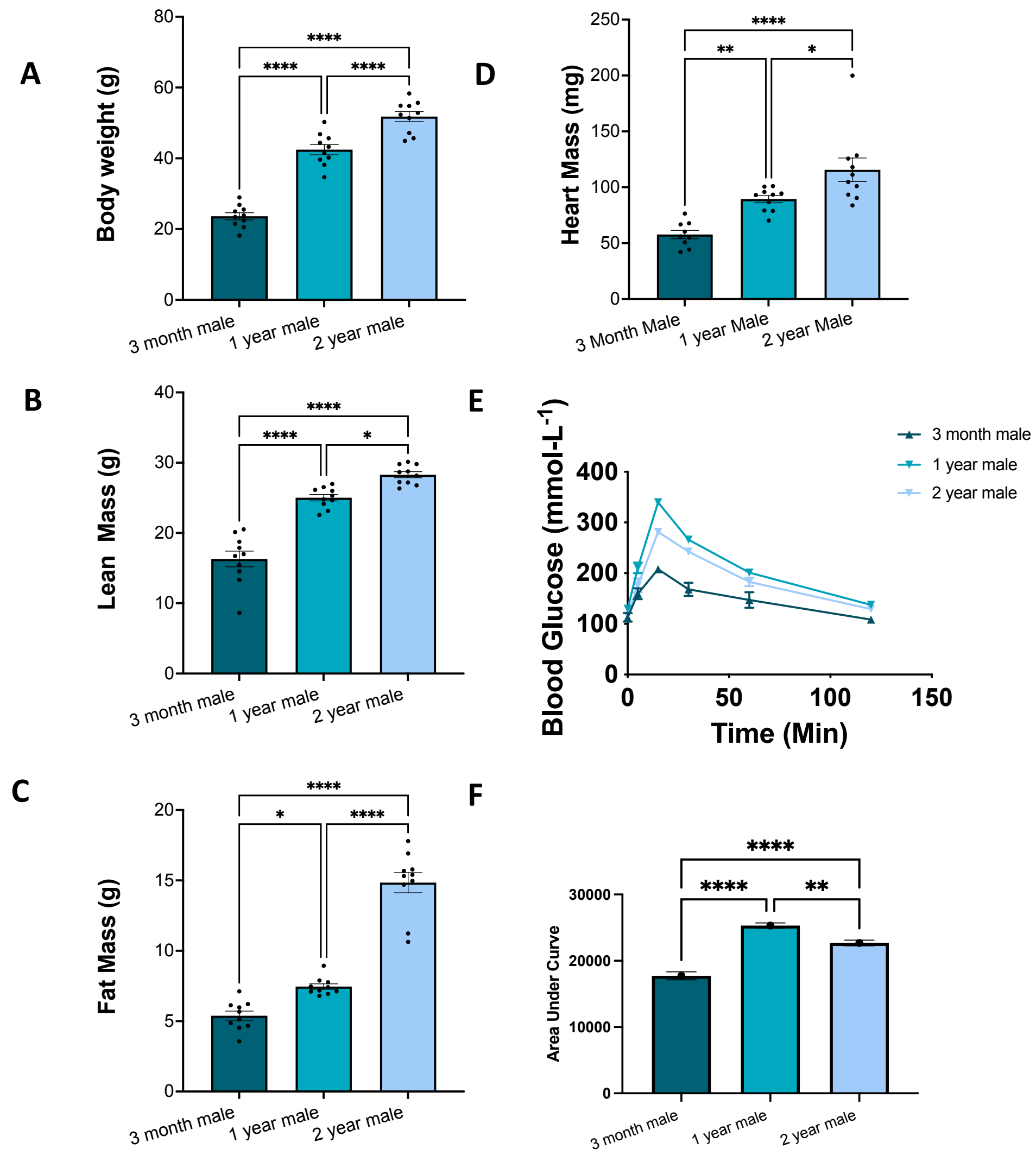


Supplementary Figure 1



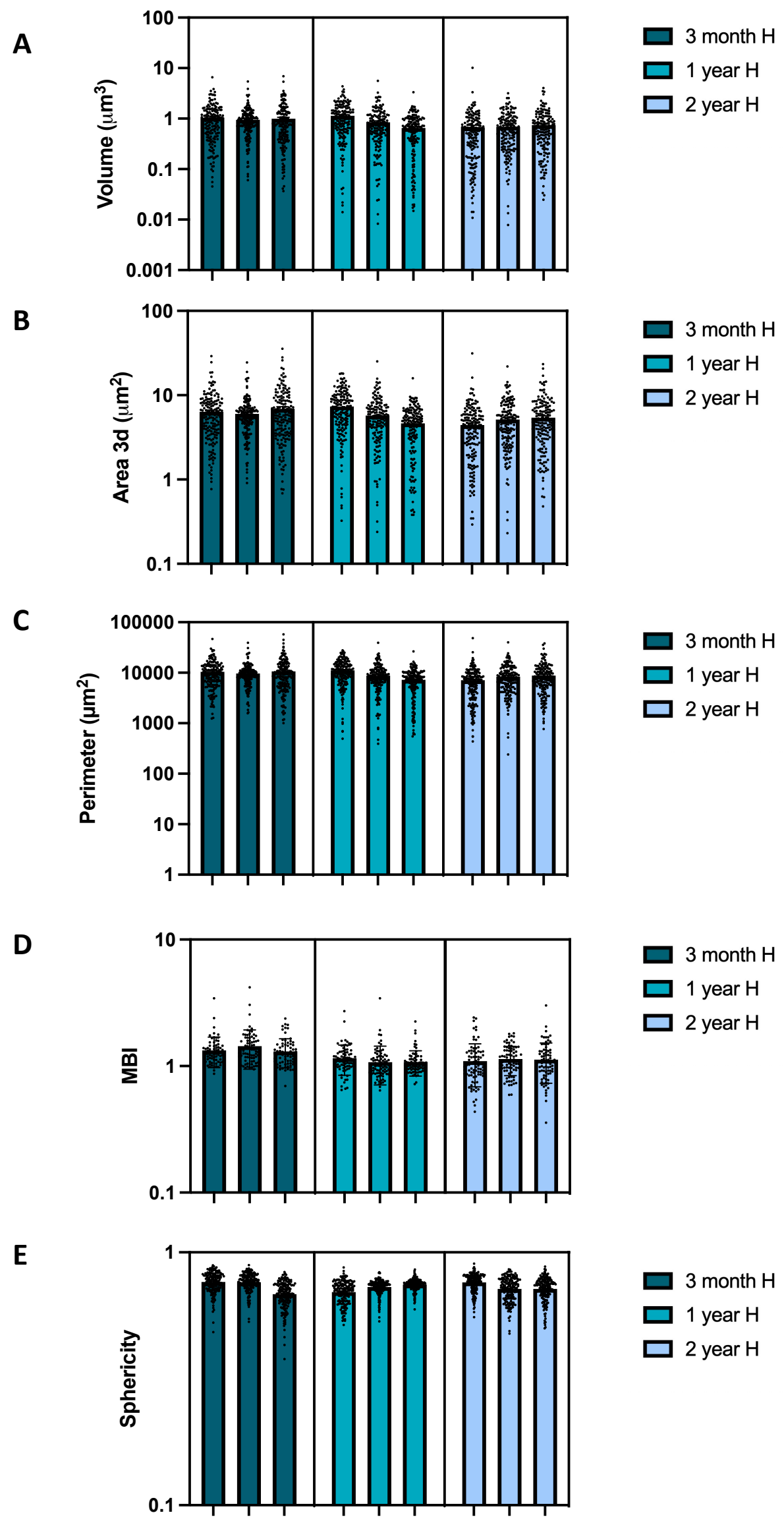
Supplementary

Figure 2



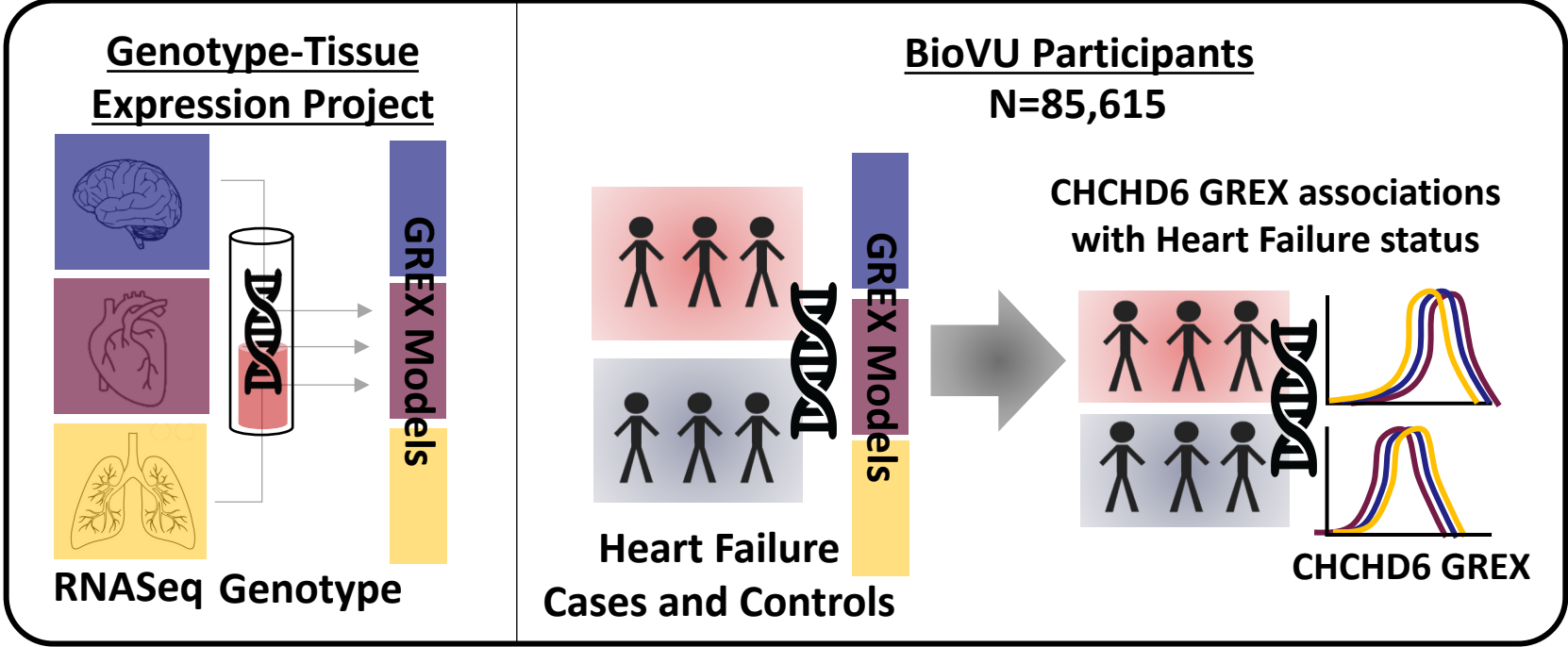
Supplementary

Figure 3



Supplementary Figure 4

A



B

	European Ancestry			African Ancestry		
Demographics	Case	Control	<i>p</i>	Case	Control	<i>p</i>
N	3005	57247		574	13006	
Mean Age (SD)	67.992 (20.784)	54.480 (22.064)	< 2.2 e -16	59.979 (19.305)	44.355 (20.779)	< 2.2 e -16
Mean Median age of Record (SD)	60.284 (20.696)	45.794 (21.871)	< 2.2 e -16	52.495 (19.354)	36.157 (20.776)	< 2.2 e -16
Sex (%)			0.003			0 .033
Male	63.062	41.929		52.613	37.506	
Female	36.938	58.071		47.387	62.494	

C

GREX	Tissue	beta	SE	OR	p	BioVU Cohort
CHCHD6	HeartAtrialAppendage	0.3526	0.1506	1.4228	0.0192	EA
CHCHD6	ArteryAorta	0.4423	0.2132	1.5563	0.0380	EA
CHCHD6	HeartLeftVentricle	-0.0496	0.0941	0.9516	0.5982	EA
CHCHD6	HeartAtrialAppendage	-0.5661	0.3606	0.5677	0.1164	AA
CHCHD6	ArteryAorta	0.0185	0.5569	1.0186	0.9735	AA
CHCHD6	HeartLeftVentricle	-0.5944	0.2759	0.5519	0.0312	AA