

		WT				ApoE				mdx				mdx-ApoE			
		WT	ApoE	mdx	mdx-ApoE	WT	ApoE	mdx	mdx-ApoE	WT	ApoE	mdx	mdx-ApoE	WT	ApoE	mdx	mdx-ApoE
Data by Gender: 7 Month Western Diet																	
Gastrocnemius																	
Total Area	Male	0.244(0.016)	0.286(0.009)	0.208(0.012)	0.183(0.010)	194.35(10.119)	185.85(16.045)	162.5(18.2)	163.23(15.295)	150.7(11.116)	146.92(4.337)	134.3(12.52)	171.15(2.750)	0.8634	0.0805	0.8604	0.8922
	Female	0.225(0.018)	0.232(0.008)	0.229(0.022)	0.166(0.021)	17.497(0.839)	17.752(3.055)	14.021(1.185)	17.028(1.001)	16.777(1.115)	15.607(0.736)	14.076(0.629)	17.022(1.340)	0.9999	0.9999	0.9999	0.9917
	P					0.0444	0.0634	0.539	0.9917								
% Fat	Male	1.257(0.727)	0.060(0.041)	1.363(0.319)	14.411(3.288)	17.497(0.839)	17.752(3.055)	14.021(1.185)	17.028(1.001)	16.777(1.115)	15.607(0.736)	14.076(0.629)	17.022(1.340)	0.9999	0.9999	0.9999	0.9917
	Female	0.690(0.231)	0.239(0.073)	1.684(0.727)	19.678(2.363)	17.497(0.839)	17.752(3.055)	14.021(1.185)	17.028(1.001)	16.777(1.115)	15.607(0.736)	14.076(0.629)	17.022(1.340)	0.9999	0.9999	0.9999	0.9917
	P					0.9999	0.9999	0.3349	0.9917								
% Fibrosis	Male	3.475(0.217)	3.341(0.267)	7.835(0.676)	25.466(2.647)	56.921(1.817)	54.561(0.919)	54.759(2.791)	53.712(1.227)	54.321(2.277)	55.947(0.805)	54.435(0.138)	52.58.2(2.367)	0.8032	0.9686	0.9999	0.9768
	Female	3.360(0.177)	4.166(0.699)	8.301(0.488)	30.250(4.766)	54.321(2.277)	55.947(0.805)	54.435(0.138)	52.58.2(2.367)	54.321(2.277)	55.947(0.805)	54.435(0.138)	52.58.2(2.367)	0.8032	0.9686	0.9999	0.9768
	P					0.9999	0.9977	0.9998	0.3601								
% Myofiber	Male	98.741(0.729)	99.928(0.038)	97.801(0.983)	79.262(3.380)	29.511(1.113)	28.062(0.631)	28.017(1.805)	27.516(0.765)	27.893(1.474)	28.757(0.461)	27.720(0.042)	26.751(1.469)	0.8098	0.9864	0.9996	0.9699
	Female	99.310(0.231)	99.758(0.070)	96.503(0.674)	70.486(8.497)	27.893(1.474)	28.757(0.461)	27.720(0.042)	26.751(1.469)	27.893(1.474)	28.757(0.461)	27.720(0.042)	26.751(1.469)	0.8098	0.9864	0.9996	0.9699
	P					0.9999	0.9999	0.9976	0.1655								
Triceps brachii																	
Total Area	Male	0.166(0.009)	0.168(0.011)	0.179(0.009)	0.169(0.014)	41.557(0.608)	43.123(6.361)	36.078(2.961)	43.632(2.463)	40.196(1.605)	36.250(1.154)	34.736(2.284)	39.667(2.517)	0.9975	0.4389	0.9976	0.7899
	Female	0.133(0.003)	0.136(0.007)	0.192(0.008)	0.136(0.002)	40.196(1.605)	43.123(6.361)	36.078(2.961)	43.632(2.463)	40.196(1.605)	36.250(1.154)	34.736(2.284)	39.667(2.517)	0.9975	0.4389	0.9976	0.7899
	P					0.2662	0.239	0.9463	0.9694								
% Fat	Male	2.591(0.298)	1.449(0.078)	1.993(0.334)	9.001(1.919)	4.210(0.052)	4.190(0.245)	3.890(0.065)	4.253(0.116)	3.964(0.073)	3.876(0.075)	3.843(0.108)	4.128(0.157)	0.6944	0.4176	0.9991	0.9283
	Female	2.863(0.323)	0.847(0.154)	1.936(0.392)	17.640(6.149)	4.210(0.052)	4.190(0.245)	3.890(0.065)	4.253(0.116)	3.964(0.073)	3.876(0.075)	3.843(0.108)	4.128(0.157)	0.6944	0.4176	0.9991	0.9283
	P					0.9999	0.9991	0.9999	0.1055								
% Fibrosis	Male	4.414(0.455)	5.135(0.506)	6.440(0.904)	19.334(1.792)	3.0827(0.064)	3.013(0.160)	2.798(0.054)	3.085(0.101)	2.752(0.053)	2.765(0.071)	2.778(0.079)	3.028(0.165)	0.2748	0.48	0.9999	0.992
	Female	3.597(0.106)	3.592(0.068)	9.221(1.018)	22.547(2.931)	2.752(0.053)	2.765(0.071)	2.778(0.079)	3.028(0.165)	2.752(0.053)	2.765(0.071)	2.778(0.079)	3.028(0.165)	0.2748	0.48	0.9999	0.992
	P					0.9896	0.8829	0.5926	0.2393								
% Myofiber	Male	9.7414(0.292)	98.542(0.075)	96.418(0.895)	81.282(2.759)	79.135(2.300)	78.969(11.048)	65.696(2.616)	81.634(5.143)	68.697(3.035)	65.187(3.053)	63.858(4.314)	76.013(6.933)	0.7218	0.4201	0.9994	0.9232
	Female	97.137(0.323)	99.153(0.154)	95.668(0.723)	76.417(6.831)	79.135(2.300)	78.969(11.048)	65.696(2.616)	81.634(5.143)	68.697(3.035)	65.187(3.053)	63.858(4.314)	76.013(6.933)	0.7218	0.4201	0.9994	0.9232
	P					0.9999	0.9993	0.9991	0.1798								

Expressed as mean(SEM). Abbreviations - M: male, F: female, WT: wild-type, CO: cardiac output, EF: ejection fraction, FS: fractional shortening, SV: stroke volume, LV: left ventricle, LVDD: LV diastolic diameter, LVSD: LV systolic diameter, LVDV: LV diastolic volume, LVSV: LV systolic volume