

Table S1: Longitudinal comparisons of different timepoints within the same experimental group for end diastolic volume and end systolic volume

	Sham		MR		MI		MR+MI	
	Comparison	Adj p-value	Comparison	Adj p-value	Comparison	Adj p-value	Comparison	Adj p-value
END DIASTOLIC VOLUME (ml)	0 vs. 2	0.5569	0 vs. 2	0.0005	0 vs. 2	0.081	0 vs. 2	0.0012
	0 vs. 4	0.0624	0 vs. 4	<0.0001	0 vs. 4	0.004	0 vs. 4	<0.0001
	0 vs. 6	0.0089	0 vs. 6	<0.0001	0 vs. 6	<0.0001	0 vs. 6	<0.0001
	0 vs. 8	0.0002	0 vs. 8	<0.0001	0 vs. 8	<0.0001	0 vs. 8	<0.0001
	0 vs. 10	<0.0001	0 vs. 10	<0.0001	0 vs. 10	<0.0001	0 vs. 10	<0.0001
	0 vs. 12	<0.0001	0 vs. 12	<0.0001	0 vs. 12	<0.0001	0 vs. 12	<0.0001
	0 vs. 16	<0.0001	0 vs. 16	<0.0001	0 vs. 16	<0.0001	0 vs. 16	<0.0001
	0 vs. 20	<0.0001	0 vs. 20	<0.0001	0 vs. 20	<0.0001	0 vs. 20	<0.0001
	2 vs. 4	0.9789	2 vs. 4	0.7036	2 vs. 4	0.991	2 vs. 4	0.1059
	2 vs. 6	0.7609	2 vs. 6	0.0865	2 vs. 6	0.3122	2 vs. 6	<0.0001
	2 vs. 8	0.1989	2 vs. 8	0.0077	2 vs. 8	0.0547	2 vs. 8	<0.0001
	2 vs. 10	0.0618	2 vs. 10	0.0002	2 vs. 10	0.0021	2 vs. 10	<0.0001
	2 vs. 12	0.027	2 vs. 12	<0.0001	2 vs. 12	<0.0001	2 vs. 12	<0.0001
	2 vs. 16	0.0276	2 vs. 16	<0.0001	2 vs. 16	<0.0001	2 vs. 16	<0.0001
	2 vs. 20	0.0073	2 vs. 20	<0.0001	2 vs. 20	<0.0001	2 vs. 20	<0.0001
	4 vs. 6	0.9995	4 vs. 6	0.9644	4 vs. 6	0.888	4 vs. 6	0.4411
	4 vs. 8	0.8468	4 vs. 8	0.5914	4 vs. 8	0.4347	4 vs. 8	0.0039
	4 vs. 10	0.5545	4 vs. 10	0.1135	4 vs. 10	0.0508	4 vs. 10	0.0003
	4 vs. 12	0.3674	4 vs. 12	<0.0001	4 vs. 12	0.0004	4 vs. 12	<0.0001
	4 vs. 16	0.3718	4 vs. 16	<0.0001	4 vs. 16	<0.0001	4 vs. 16	<0.0001
	4 vs. 20	0.1701	4 vs. 20	<0.0001	4 vs. 20	<0.0001	4 vs. 20	<0.0001
	6 vs. 8	0.9926	6 vs. 8	0.9975	6 vs. 8	0.9982	6 vs. 8	0.724
	6 vs. 10	0.9072	6 vs. 10	0.7692	6 vs. 10	0.75	6 vs. 10	0.2905
	6 vs. 12	0.7754	6 vs. 12	0.0049	6 vs. 12	0.0616	6 vs. 12	0.0003
	6 vs. 16	0.7795	6 vs. 16	<0.0001	6 vs. 16	0.0076	6 vs. 16	<0.0001
	6 vs. 20	0.5176	6 vs. 20	<0.0001	6 vs. 20	<0.0001	6 vs. 20	<0.0001
	8 vs. 10	>0.9999	8 vs. 10	0.9935	8 vs. 10	0.9892	8 vs. 10	0.9992
	8 vs. 12	0.998	8 vs. 12	0.0618	8 vs. 12	0.3367	8 vs. 12	0.1167
	8 vs. 16	0.9982	8 vs. 16	0.0014	8 vs. 16	0.0775	8 vs. 16	0.0001
	8 vs. 20	0.9687	8 vs. 20	<0.0001	8 vs. 20	0.0009	8 vs. 20	<0.0001
	10 vs. 12	>0.9999	10 vs. 12	0.4334	10 vs. 12	0.913	10 vs. 12	0.4411

10 vs. 16	>0.9999	10 vs. 16	0.0325	10 vs. 16	0.5384	10 vs. 16	0.0022
10 vs. 20	0.9991	10 vs. 20	<0.0001	10 vs. 20	0.0281	10 vs. 20	<0.0001
12 vs. 16	>0.9999	12 vs. 16	0.9731	12 vs. 16	0.9993	12 vs. 16	0.6279
12 vs. 20	>0.9999	12 vs. 20	0.1076	12 vs. 20	0.5743	12 vs. 20	0.0024
16 vs. 20	>0.9999	16 vs. 20	0.7239	16 vs. 20	0.9294	16 vs. 20	0.4563

END SYSTOLIC VOLUME (ml)

Sham	Adj p-value	MR	Adj p-value	MI	Adj p-value	MR+MI	Adj p-value
0 vs. 2	0.8246	0 vs. 2	0.3676	0 vs. 2	0.0029	0 vs. 2	0.0185
0 vs. 4	0.2113	0 vs. 4	0.0254	0 vs. 4	<0.0001	0 vs. 4	<0.0001
0 vs. 6	0.1804	0 vs. 6	0.0001	0 vs. 6	<0.0001	0 vs. 6	<0.0001
0 vs. 8	0.1507	0 vs. 8	<0.0001	0 vs. 8	<0.0001	0 vs. 8	<0.0001
0 vs. 10	0.0206	0 vs. 10	<0.0001	0 vs. 10	<0.0001	0 vs. 10	<0.0001
0 vs. 12	0.0744	0 vs. 12	<0.0001	0 vs. 12	<0.0001	0 vs. 12	<0.0001
0 vs. 16	0.0521	0 vs. 16	<0.0001	0 vs. 16	<0.0001	0 vs. 16	<0.0001
0 vs. 20	0.104	0 vs. 20	<0.0001	0 vs. 20	<0.0001	0 vs. 20	<0.0001
2 vs. 4	0.9867	2 vs. 4	0.9769	2 vs. 4	0.8587	2 vs. 4	0.1706
2 vs. 6	0.9792	2 vs. 6	0.2748	2 vs. 6	0.0094	2 vs. 6	0.0045
2 vs. 8	0.9677	2 vs. 8	0.033	2 vs. 8	0.0003	2 vs. 8	<0.0001
2 vs. 10	0.6516	2 vs. 10	0.0009	2 vs. 10	<0.0001	2 vs. 10	<0.0001
2 vs. 12	0.8907	2 vs. 12	<0.0001	2 vs. 12	<0.0001	2 vs. 12	<0.0001
2 vs. 16	0.8339	2 vs. 16	<0.0001	2 vs. 16	<0.0001	2 vs. 16	<0.0001
2 vs. 20	0.9337	2 vs. 20	<0.0001	2 vs. 20	<0.0001	2 vs. 20	<0.0001
4 vs. 6	>0.9999	4 vs. 6	0.9175	4 vs. 6	0.4438	4 vs. 6	0.9573
4 vs. 8	>0.9999	4 vs. 8	0.4208	4 vs. 8	0.066	4 vs. 8	0.2436
4 vs. 10	0.9949	4 vs. 10	0.043	4 vs. 10	0.0002	4 vs. 10	0.0004
4 vs. 12	>0.9999	4 vs. 12	<0.0001	4 vs. 12	<0.0001	4 vs. 12	<0.0001
4 vs. 16	0.9998	4 vs. 16	<0.0001	4 vs. 16	<0.0001	4 vs. 16	<0.0001
4 vs. 20	>0.9999	4 vs. 20	<0.0001	4 vs. 20	<0.0001	4 vs. 20	<0.0001
6 vs. 8	>0.9999	6 vs. 8	0.9957	6 vs. 8	0.994	6 vs. 8	0.9343
6 vs. 10	0.9972	6 vs. 10	0.6635	6 vs. 10	0.2502	6 vs. 10	0.033
6 vs. 12	>0.9999	6 vs. 12	0.0018	6 vs. 12	0.0011	6 vs. 12	<0.0001
6 vs. 16	>0.9999	6 vs. 16	<0.0001	6 vs. 16	0.0006	6 vs. 16	<0.0001
6 vs. 20	>0.9999	6 vs. 20	<0.0001	6 vs. 20	<0.0001	6 vs. 20	<0.0001
8 vs. 10	0.9987	8 vs. 10	0.9866	8 vs. 10	0.8085	8 vs. 10	0.5646
8 vs. 12	>0.9999	8 vs. 12	0.0341	8 vs. 12	0.0266	8 vs. 12	0.0025

8 vs. 16	>0.9999	8 vs. 16	<0.0001	8 vs. 16	0.0159	8 vs. 16	<0.0001
8 vs. 20	>0.9999	8 vs. 20	<0.0001	8 vs. 20	<0.0001	8 vs. 20	<0.0001
10 vs. 12	>0.9999	10 vs. 12	0.3711	10 vs. 12	0.7241	10 vs. 12	0.5261
10 vs. 16	>0.9999	10 vs. 16	0.0023	10 vs. 16	0.6191	10 vs. 16	0.0039
10 vs. 20	0.9998	10 vs. 20	<0.0001	10 vs. 20	0.0045	10 vs. 20	<0.0001
12 vs. 16	>0.9999	12 vs. 16	0.7073	12 vs. 16	>0.9999	12 vs. 16	0.6448
12 vs. 20	>0.9999	12 vs. 20	0.0877	12 vs. 20	0.4697	12 vs. 20	<0.0001
16 vs. 20	>0.9999	16 vs. 20	0.9648	16 vs. 20	0.5792	16 vs. 20	0.0482