

Table S1: Correlation matrix showing the association between participants' characteristics and cardiac dimensions.

		Age	Height	Weight	BMI	BSA	Systolic BP	Diastolic BP	HR
IVSd	Spearman's rho	0.041	0.130	0.197	0.123	0.163	0.175	-0.091	-0.054
	p-value	0.590	0.086	0.009	0.106	0.032	0.021	0.232	0.517
LVIDd	Spearman's rho	-0.075	0.336	0.245	0.008	0.319	0.242	-0.007	-0.270
	p-value	0.327	< 0.001	0.001	0.913	< 0.001	0.001	0.925	< 0.001
LVPWd	Spearman's rho	-0.081	0.139	0.184	0.101	0.156	0.285	-0.043	-0.105
	p-value	0.287	0.068	0.015	0.184	0.040	< 0.001	0.576	0.204
RWT	Spearman's rho	0.042	-0.087	0.049	0.131	-0.028	0.091	-0.069	0.062
	p-value	0.581	0.256	0.523	0.084	0.711	0.234	0.363	0.453
LVM	Spearman's rho	-0.024	0.184	0.247	0.133	0.215	0.288	-0.058	-0.103
	p-value	0.748	0.015	0.001	0.080	0.004	< 0.001	0.448	0.213
IVSs	Spearman's rho	-0.011	0.233	0.124	-0.043	0.162	0.136	0.102	-0.161
	p-value	0.886	0.002	0.102	0.570	0.033	0.074	0.180	0.051
LVIDs	Spearman's rho	0.031	0.326	0.277	0.054	0.341	0.228	-0.065	-0.271
	p-value	0.689	< 0.001	< 0.001	0.482	< 0.001	0.002	0.395	< 0.001
LVPWs	Spearman's rho	-0.009	0.296	0.259	0.071	0.279	0.336	0.116	-0.128
	p-value	0.903	< 0.001	< 0.001	0.354	< 0.001	< 0.001	0.129	0.121
ESV	Spearman's rho	0.047	0.326	0.287	0.064	0.350	0.200	-0.068	-0.269
	p-value	0.535	< 0.001	< 0.001	0.404	< 0.001	0.008	0.376	< 0.001
EDV	Pearson's r	-0.145	0.030	0.254	0.017	0.075	0.199	-0.023	-0.264
	p-value	0.057	0.692	< 0.001	0.822	0.326	0.008	0.759	0.001
SV	Spearman's rho	-0.141	0.292	0.251	0.058	0.302	0.246	-0.008	-0.219
	p-value	0.064	< 0.001	< 0.001	0.450	< 0.001	0.001	0.918	0.007
FS	Spearman's rho	-0.157	-0.069	-0.115	-0.066	-0.123	-0.005	0.073	0.044

	p-value	0.038	0.367	0.131	0.385	0.106	0.949	0.336	0.599
CO	Spearman's rho	-0.167	0.308	0.220	0.027	0.278	0.293	0.191	0.303
	p-value	0.042	< 0.001	0.007	0.744	< 0.001	< 0.001	0.020	< 0.001
CI	Spearman's rho	-0.165	0.131	-0.059	-0.132	-0.039	0.143	0.084	0.356
	p-value	0.046	0.112	0.477	0.110	0.640	0.082	0.310	< 0.001
EF	Pearson's r	-0.122	-0.114	-0.064	0.005	-0.123	-0.077	0.089	-0.094
	p-value	0.122	0.148	0.421	0.950	0.120	0.333	0.257	0.273
E	Spearman's rho	-0.184	-0.057	-0.014	0.043	-0.012	0.143	0.016	-0.011
	p-value	0.017	0.464	0.859	0.582	0.874	0.064	0.832	0.893
A	Spearman's rho	0.119	-0.004	0.078	0.089	0.074	0.095	0.220	0.189
	p-value	0.126	0.958	0.317	0.249	0.340	0.222	0.004	0.023
E/A	Spearman's rho	-0.215	-0.034	-0.095	-0.057	-0.083	0.066	-0.207	-0.181
	p-value	0.005	0.659	0.220	0.462	0.286	0.393	0.007	0.030
Dec T	Spearman's rho	0.028	-0.022	-0.093	-0.083	-0.112	0.009	-0.007	0.093
	p-value	0.723	0.784	0.242	0.295	0.156	0.908	0.926	0.281
E'	Spearman's rho	-0.263	-0.089	-0.038	0.013	-0.085	-0.015	-0.238	-0.039
	p-value	<0.001	0.250	0.626	0.869	0.274	0.849	0.002	0.643
A'	Spearman's rho	0.028	-0.071	0.064	0.120	0.048	0.086	0.193	0.081
	p-value	0.719	0.363	0.406	0.120	0.539	0.265	0.012	0.336
E/E'	Spearman's rho	0.025	-0.009	0.005	0.033	0.04	0.192	0.233	0.000
	p-value	0.757	0.909	0.949	0.678	0.616	0.014	0.003	0.999
E'/A'	Spearman's rho	-0.183	-0.007	-0.112	-0.117	-0.12	-0.083	-0.279	-0.107
	p-value	0.018	0.926	0.147	0.130	0.121	0.288	< 0.001	0.206
MAPSE	Pearson's r	-0.029	0.02	-0.093	-0.115	-0.105	-0.161	0.262	-0.156
	p-value	0.865	0.905	0.578	0.490	0.176	0.333	0.112	0.387
RVIDd	Pearson's r	0.016	0.088	0.151	0.014	0.112	0.193	0.03	-0.128
	p-value	0.838	0.249	0.048	0.851	0.143	0.011	0.694	0.123

RVOTd	Pearson's r	-0.006	-0.040	0.213	0.139	0.016	0.170	0.003	-0.198
	p-value	0.933	0.854	0.005	0.067	0.839	0.025	0.967	0.016
TAPSE	Pearson's r	0.080	0.040	0.148	-0.022	0.064	0.227	0.049	-0.134
	p-value	0.318	0.619	0.062	0.785	0.419	0.004	0.541	0.121
TVE	Pearson's r	0.041	0.022	-0.046	-0.113	0.019	0.024	-0.143	0.021
	p-value	0.602	0.782	0.553	0.150	0.811	0.764	0.067	0.803
TVA	Spearman's rho	-0.055	0.073	0.030	0.013	0.019	0.056	-0.060	0.129
	p-value	0.485	0.352	0.704	0.871	0.813	0.478	0.445	0.129
TV E/A	Spearman's rho	-0.015	-0.048	-0.042	-0.034	-0.004	-0.066	-0.091	-0.116
	p-value	0.844	0.542	0.588	0.665	0.960	0.401	0.243	0.171
LAsd	Pearson's r	0.061	0.099	0.194	0.042	0.129	0.223	0.080	-0.062
	p-value	0.423	0.193	0.010	0.581	0.089	0.003	0.294	0.452
LAA	Pearson's r	-0.030	0.120	0.306	0.185	0.310	0.254	0.055	0.021
	p-value	0.744	0.196	< 0.001	0.045	< 0.001	0.005	0.554	0.843

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LAA	0.136	0.0673	0.0029	0.269	2.02	0.045	0.0038	0.0739	-0.1431	0.1506	0.051	0.959
BSA												
IVSd (mm)	2.180	0.782	0.634	3.720	2.780	0.006	2.2346	1.0361	0.1863	4.2830	2.157	0.033
LVIDd (mm)	8.410	2.920	2.650	14.200	2.880	0.004	8.9609	3.3083	2.4206	15.5012	2.709	0.008
LVPWd (mm)	1.040	0.833	-0.609	2.680	1.240	0.216	-0.6303	1.0931	-2.7912	1.5306	-0.577	0.565
LVM	8.830	3.550	1.820	15.800	2.490	0.014	4.8648	4.5927	-4.2146	13.944	1.059	0.291
IVSs (mm)	1.030	1.700	-2.320	4.380	0.608	0.544	1.3394	2.3816	-3.3690	6.0477	0.562	0.575
LVIDs (mm)	9.080	2.380	4.390	13.800	3.820	< 0.001	10.7416	2.7313	5.3421	16.1411	3.933	< 0.001
LVPWs (mm)	4.690	1.130	2.450	6.930	4.140	< 0.001	3.8789	1.4685	0.9758	6.7819	2.641	0.009
ESV (ml)	22.900	5.580	11.900	33.880	4.100	< 0.001	26.2240	6.0621	14.2400	38.2089	4.326	< 0.001
SV (ml)	29.070	7.000	15.300	42.900	4.155	< 0.001	35.5821	8.692	18.3994	52.7648	4.094	< 0.001
CO	2.288	0.484	1.330	3.250	4.723	< 0.001	2.4907	0.5897	1.3249	3.6566	4.224	< 0.001
LAA(s)	6.720	1.920	2.930	10.520	3.507	< 0.001	5.0621	2.3934	0.3042	9.8201	2.115	0.037
Systolic BP												
IVSd (mm)	0.024	0.010	0.004	0.043	2.42	0.017	0.0241	0.0126	-8.07e-4	0.0491	1.913	0.058
LVIDd (mm)	0.078	0.037	0.005	0.152	2.12	0.036	0.0727	0.0403	-0.0069	0.1523	1.805	0.073
LVPWd (mm)	0.032	0.010	0.012	0.052	3.11	0.002	0.0416	0.0133	0.0153	0.0679	3.126	0.002
LVM	0.147	0.044	0.060	0.234	3.33	0.001	0.1711	0.0559	0.0605	0.2820	3.059	0.003
IVSs (mm)	0.022	0.021	-0.020	0.064	1.04	0.300	1.82e-4	0.0290	-0.0571	0.0575	0.006	0.995
LVIDs (mm)	0.089	0.030	0.029	0.149	2.91	0.004	0.0880	0.0333	0.0223	0.1538	2.647	0.009
LVPWs (mm)	0.061	0.014	0.033	0.089	4.30	< 0.001	0.0361	0.0179	7.08e-4	0.0714	2.017	0.046
ESV (ml)	0.160	0.073	0.017	0.303	2.20	0.029	0.1836	0.0738	0.0377	0.3295	2.488	0.014
EDV (ml)	0.365	0.137	0.095	0.634	2.67	0.008	0.2614	0.1520	-0.0397	0.5620	1.716	0.088
SV (ml)	0.229	0.091	0.050	0.408	2.53	0.012	0.1529	0.1060	-0.0563	0.3621	1.445	0.151
CO	0.020	0.007	0.007	0.034	3.00	0.003	0.0087	0.0072	-0.0055	0.0229	1.206	0.230
E	0.002	9.4e-4	-3.6e-4	0.003	1.59	0.113	0.0021	0.0013	-4.16e-4	0.0046	1.650	0.101
E/E'	0.013	0.006	0.001	0.024	2.20	0.029	0.0061	0.0075	-0.0089	0.0210	0.804	0.423

RVIDd	0.060	0.023	0.014	0.106	2.57	0.011	0.0566	0.0295	-0.0016	0.1149	1.922	0.057
RVOTd	0.059	0.026	0.007	0.110	2.25	0.025	0.0439	0.0313	-0.0180	0.1058	1.403	0.163
TAPSE	0.072	0.025	0.023	0.120	2.93	0.004	0.0525	0.0324	-0.0116	0.1167	1.620	0.108
LAsd (mm)	0.067	0.023	0.023	0.112	3.00	0.003	0.0562	0.0283	3.33e-4	0.1121	1.989	0.049
LAA(s)	0.073	0.026	0.022	0.123	2.83	0.005	0.0461	0.0335	-0.0206	0.1127	1.374	0.173
Diastolic BP												
CO	0.021	0.010	0.001	0.041	2.08	0.039	0.0026	0.0101	-0.0175	0.0226	0.252	0.801
A	0.004	0.001	0.001	0.006	3.09	0.002	0.0026	0.0016	-6.4e-4	0.0058	1.582	0.116
E/A	-0.009	0.004	-0.016	-0.002	-2.49	0.014	-0.0068	0.0043	-0.0153	0.0153	0.002	0.120
E'	-7.13e-4	2.23e-4	-0.001	-2.72e-4	-3.19	0.002	-8.23e-4	2.69e-4	-0.0014	-2.91e-4	-3.058	0.003
A'	0.001	0.001	-0.002	0.004	0.842	0.401	0.0019	0.0020	-0.0021	0.0058	0.939	0.349
E/E'	0.025	0.008	0.009	0.040	3.13	0.002	0.0191	0.0105	-0.0017	0.0399	1.818	0.071
E'/A'	-0.016	0.005	-0.026	-0.006	-3.32	0.001	-0.0175	0.0064	-0.0302	-0.0049	-2.735	0.007
HR												
LVIDd (mm)	-0.163	0.043	-0.247	-0.079	-3.82	< 0.001	-0.1592	0.0416	-0.2414	-0.0769	-3.826	< 0.001
IVSs (mm)	-0.045	0.029	-0.102	0.012	-1.56	0.121	-0.0514	0.0300	-0.1106	0.0078	-1.7160	0.088
LVIDs (mm)	-0.086	0.037	-0.159	-0.013	-2.33	0.021	-0.0706	0.0343	-0.1385	-0.0027	-2.054	0.042
ESV (ml)	-0.305	0.083	-0.469	-0.142	-3.70	< 0.001	-0.2691	0.0762	-0.4198	-0.1183	-3.529	< 0.001
EDV (ml)	-0.693	0.170	-1.030	-0.357	-4.08	< 0.001	-0.4340	0.165	-0.7600	-0.108	-2.63	0.010
SV (ml)	-0.372	0.116	-0.602	-0.143	-3.21	0.002	-0.3538	0.1090	-0.5699	-0.1377	-3.237	0.002
CO	0.028	0.008	0.012	0.043	3.52	< 0.001	0.0288	0.0074	0.0141	0.0434	3.881	< 0.001
CI	0.015	0.004	0.007	0.024	3.72	< 0.001	0.0163	0.0042	0.0080	0.0246	3.890	< 0.001
A	0.002	0.001	-8.3e-4	0.004	1.28	0.203	0.0013	0.0012	-0.0011	0.0037	1.079	0.283
E/A	-0.010	0.003	-0.017	-0.004	-3.16	0.002	-0.0093	0.0033	-0.0157	-0.0028	-2.826	0.005
RVOTd	-0.115	0.033	-0.179	-0.050	-3.52	< 0.001	-0.1258	0.0325	-0.1901	-0.0616	-3.871	< 0.001