	MI as diagnosis	TakoTsubo as diagnosis	Sex	Diabetes	Hypertension
MI as diagnosis Correlation coefficient P		N/A	**0.168** **0.0110**	0.015 0.8399	**0.150** **0.00359**
TakoTsubo as diagnosis Correlation coefficient P	N/A		**0.420** **<0.0001**	**0.197** **0.0055**	**0.164** **0.0214**
Sex Correlation coefficient P	**0.168** **0.0110**	**0.420** **<0.0001**		0.127 0.0769	**0.152** **0.0336**
Diabetes Correlation coefficient P	0.015 0.8399	**0.197** **0.0055**	0.127 0.0769		0.069 0.3398
Hypertension Correlation coefficient P	**0.150** **0.00359**	**0.164** **0.0214**	**0.152** **0.0336**	0.069 0.3398	

Supplement table 2/a.

Correlation between categorical candidate dependent variables

	Age	LVEF	LVESVi	LVSVi	GLS	GCS	GRS	MDC
Age								
Correlation coefficient		**-0.254**	0.068	**-0.414**	**0.346**	**0.223**	**-0.234**	**0.478**
P		**0.0001**	0.313	**<0.0001**	**<0.0001**	**0.0008**	**0.0004**	**<0.0001**
LVEF								
Correlation coefficient	**-0.254**		**-0.835**	**0.556**	**-0.747**	**-0.826**	**0.820**	**-0.529**
P	**0.0001**		**<0.0001**	**<0.0001**	**<0.0001**	**<0.0001**	**<0.0001**	**<0.0001**
LVESVi								
Correlation coefficient	0.068	**-0.829**		-0.077	**0.569**	**0.711**	**-0.677**	**0.387**
P	0.313	**<0.0001**		0.2572	**<0.0001**	**<0.0001**	**<0.0001**	**<0.0001**
LVSVi								
Correlation coefficient	**-0.414**	**0.556**	-0.077		**-0.489**	**-0.441**	**0.462**	**-0.426**
P	**<0.0001**	**<0.0001**	0.2572		**<0.0001**	**<0.0001**	**<0.0001**	**<0.0001**
GLS								
Correlation coefficient	**0.346**	**-0.747**	**0.569**	**-0.489**		**0.711**	**-0.929**	**0.542**
P	**<0.0001**	**<0.0001**	**<0.0001**	**<0.0001**		**<0.0001**	**<0.0001**	**<0.0001**
GCS								
Correlation coefficient	**0.223**	**-0.826**	**0.711**	**-0.441**	**0.711**		**-0.829**	**0.598**
P	**0.0008**	**<0.0001**	**<0.0001**	**<0.0001**	**<0.0001**		**<0.0001**	**<0.0001**
GRS								
Correlation coefficient	**-0.234**	**0.820**	**-0.677**	**0.462**	**-0.929**	**-0.829**		**-0.533**
P	**0.0004**	**<0.0001**	**<0.0001**	**<0.0001**	**<0.0001**	**<0.0001**		**<0.0001**
MDC								
Correlation coefficient	**0.478**	**-0.529**	**0.387**	**-0.426**	**0.542**	**0.598**	**-0.533**	
P	**<0.0001**	**<0.0001**	**<0.0001**	**<0.0001**	**<0.0001**	**<0.0001**	**<0.0001**	

Supplement table 2/b.

Correlation between continuous candidate dependent variables

	MI as diagnosis	TakoTsubo as diagnosis	Sex	Diabetes mellitus	Hypertension
Age					
Correlation coefficient	**0.198**	**0.528**	**-0.490**	**0.146**	**0.447**
P	**0.0030**	**<0.0001**	**<0.0001**	**0.0439**	**<0.0001**
LVEF					
Correlation coefficient	0.068	**-0.463**	**0.251**	**-0.203**	-0.021
P	0.3164	**<0.0001**	**0.0002**	**0.0049**	0.7701
LVESVi					
Correlation coefficient	-0.066	**0.313**	-0.104	0.068	-0.078
P	0.3274	**<0.0001**	0.1215	0.3477	0.2836
LVSVi					
Correlation coefficient	-0.046	**-0.356**	**0.354**	**-0.240**	-0.131
P	0.5007	**<0.0001**	**<0.0001**	**0.0009**	0.0713
GLS					
Correlation coefficient	-0.028	**0.583**	**-0.280**	**0.253**	0.094
P	0.6807	**<0.0001**	**<0.0001**	**0.0004**	0.1964
GCS					
Correlation coefficient	0.068	**0.427**	**-0.296**	**0.179**	0.014
P	0.3128	**<0.0001**	**<0.0001**	**0.0135**	0.8479
GRS					
Correlation coefficient	0.025	**-0.508**	**0.198**	**-0.220**	-0.019
P	0.7089	**<0.0001**	**0.0026**	**0.0022**	0.7928
MDC					
Correlation coefficient	**0.267**	**0.549**	**-0.455**	**0.145**	**0.228**
P	**0.0001**	**<0.0001**	**<0.0001**	**0.0459**	**0.0015**

Supplement table 2/c.

Correlation between categorical and continuous candidate dependent variables

LVEF = left ventricular ejection fraction

LVESVi = felt ventricular end systolic volume index

LVSVi= left ventricular stroke volume index

GLS = global longitudinal strain

GCS = global circumferential strain

GRS = global radial strain

MDL = mechanical dispersion from longitudinal strain

MDC = mechanical dispersion from circumferential strain

MI = Myocardial infarction