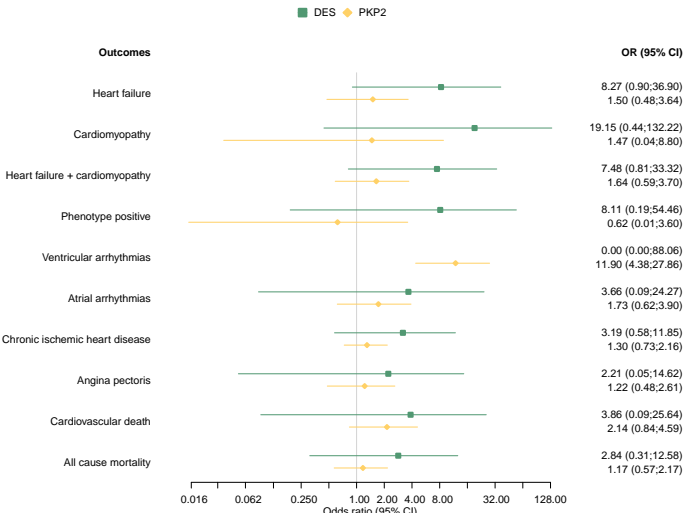
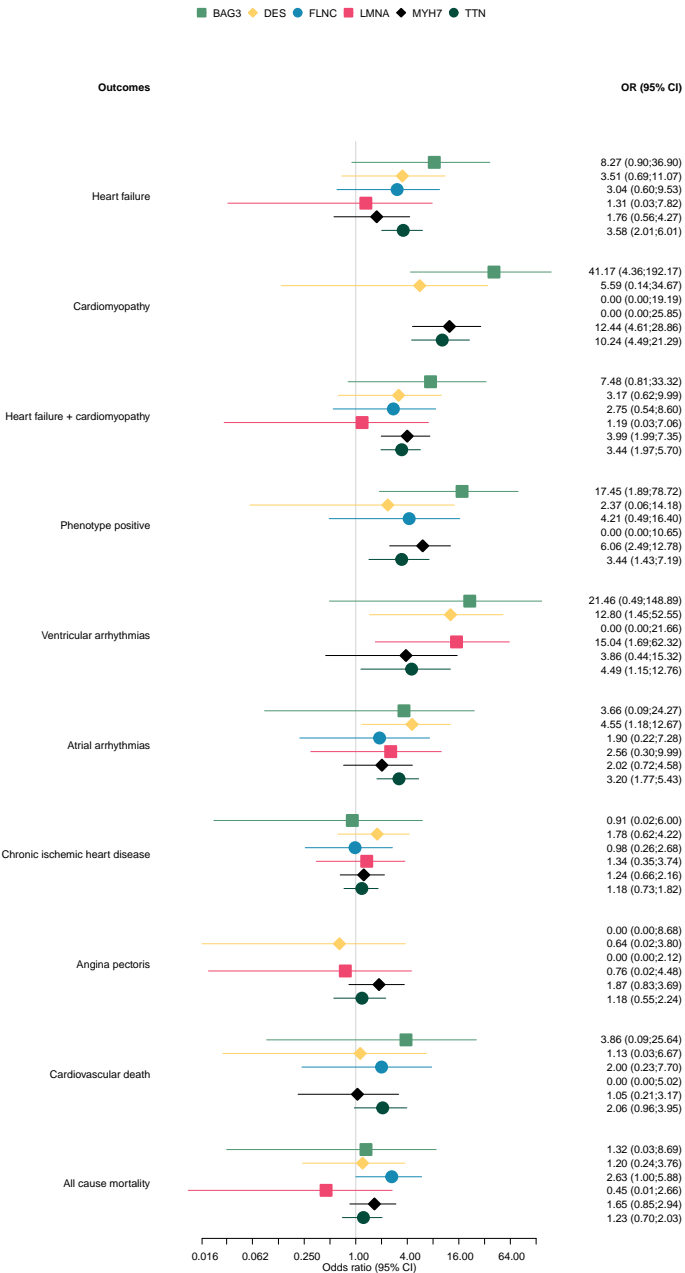


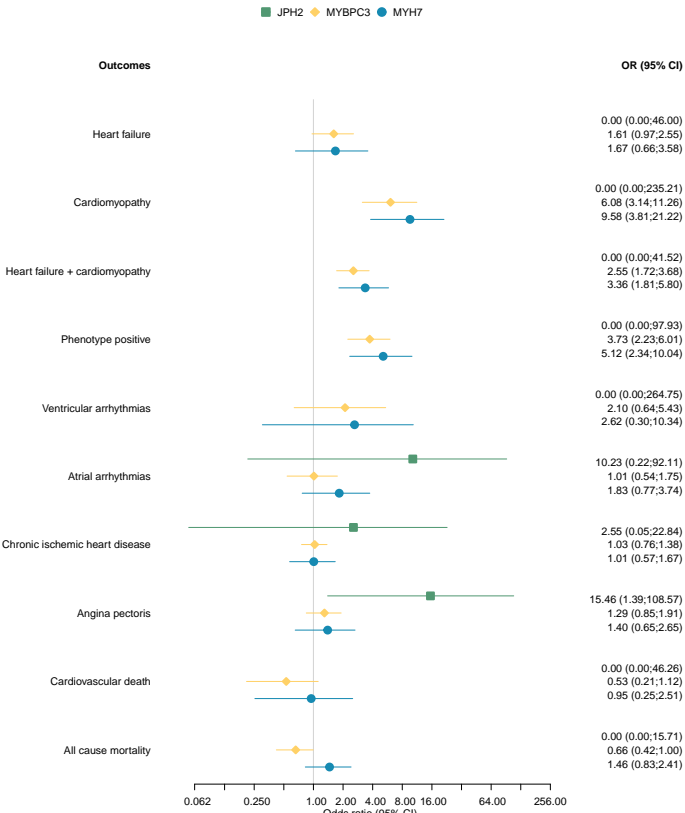
A) ARVC



B) DCM



C) HCM



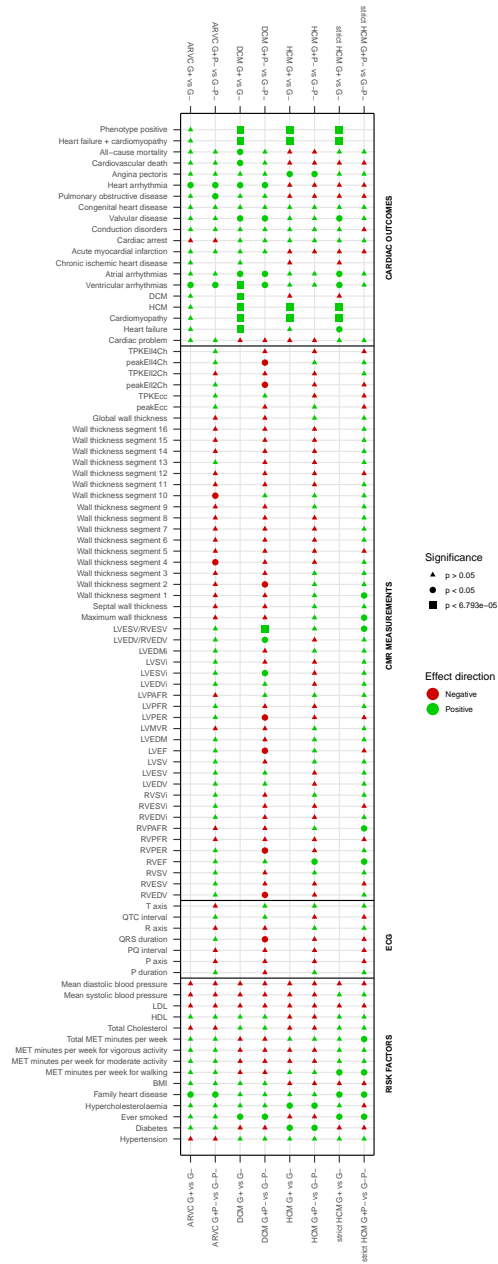


Figure I: Overlap cardiac diagnoses per inherited cardiomyopathy

The Venn diagram of the overlap between cardiomyopathy, heart failure, ventricular arrhythmia and chronic ischemic heart diagnoses in G+ individuals. The numbers in the diagram are the percentages of individuals diagnosed in the G+ of the specified cardiomyopathy.

Abbreviations: ARVC= arrhythmogenic right ventricular cardiomyopathy; CM= cardiomyopathy; DCM= dilated cardiomyopathy; G+= pathogenic variant carrier; HCM= hypertrophic cardiomyopathy; HF= heart failure; VA= ventricular arrhythmias.

Figure II: Forest plot cardiac outcomes stratified per inherited cardiomyopathy

Odds ratios and 95% confidence intervals are given for the associations between cardiac outcomes and ARVC, DCM, or HCM pathogenic variant carriers.

Abbreviations: ARVC= arrhythmogenic right ventricular cardiomyopathy; DCM= dilated cardiomyopathy; G+= pathogenic variant carrier; HCM= hypertrophic cardiomyopathy.

* strict HCM group: HCM group after excluding carriers of the 3628-41_3628-17del MYBPC3 and the Arg278Cys 862C>T TNNT2 variant.

Figure III: Forest plot cardiac outcomes stratified per inherited cardiomyopathy and gene

Odds ratios and 95% confidence intervals are given for the associations between cardiac outcomes and A) ARVC, B) DCM, or C) HCM pathogenic variant carriers stratified by gene. Results are only visualized for genes with at least one significant result.

Abbreviations: ARVC= arrhythmogenic right ventricular cardiomyopathy; DCM= dilated cardiomyopathy; HCM= hypertrophic cardiomyopathy.

Figure IV: Matrix of all differences tested

Summary of p-values and effect direction for all performed tests in this study. The p-value is indicated by the shape of the symbol, whereas the effect direction is represented by the color. Red color indicates an odds ratio smaller than one for categorical variables and a lower mean value for the G+ compared to the G- group for continuous variables. No symbol indicates the test was not performed.

Abbreviations: ARVC= arrhythmogenic right ventricular cardiomyopathy; CMR= cardiac magnetic resonance imaging; DCM= dilated cardiomyopathy; ECG= Electrocardiography; G+= pathogenic variant carrier; HCM= hypertrophic cardiomyopathy; P-= phenotype negative individual; P+= phenotype positive individual.