Analysis	Script (in CAD_PPI/scripts)	Input (in CAD_PPI/data, unless indicated otherwise)	Output (in CAD_PPI/output, unless indicated otherwise)	Manuscript figures/tables
Defining PPI networks using IP-MS data	CAD_createInteractorLists.py	CAD_gene_hg19_positions.tsv	CAD_EC_SMC_Union_InteractorTable.txt	Supp Data 7
		CAD_IpSummary.txt		
		GenoppiOutput/*.tsv (20 files)		
	CAD_createCellSpecificInteractorLists.r	CAD_EC_SMC_Union_InteractorTable.txt	CAD_EConly_SMConly_Intersect_InteractorTable.txt	Supp Data 7
Generating network plots and pie charts	CAD_generateNetworkPlots.r	CAD_MasterInteractorTable.txt	CAD_*_NetworkPlot.pdf (* = EC, SMC, ALL)	Fig 2
			CAD_*_PieCharts.pdf (* = EC, SMC, ALL)	Fig 2
			CAD_*_InteractorFrequency.txt (* = EC, SMC, ALL)	Supp Data 7
Assessing overlap with PPI databases	CAD_annotateDatabaseInts.r	PPI_Databases/HuRI_Luck2020_SuppTable2.txt	CAD_DatabaseIntsOverlapStats.txt	
		PPI_Databases/HuRI_Luck2020_SuppTable11.txt	CAD_DatabaseIntsPieCharts.pdf	Supp Fig 8
		PPI_Databases/STRING_9606.protein.info.v11.5.short.txt.gz	CAD_DatabaseIntsPieChartStats.txt	Supp Fig 8
		PPI_Databases/STRING_9606.protein.physical.links.v11.5.txt.gz	CAD_DatabaseIntsAnnotations.txt	Supp Data 7
		PPI_Databases/PCNet_Huang2018.cx		
		CAD_MasterInteractorTable.txt		
Comparing IP-MS datasets	CAD_compareIpPairs.r	CAD_IpSummary.txt	CAD_IpPairwiseStats.txt	Supp Data 8
		GenoppiOutput/*.tsv (20 files)	CAD_SameBaitIps_VennDiagrams.pdf	Supp Fig 11
Tissue enrichment analysis	CAD_TissueEnrichmentAnalysis.r	CAD_Network-Cell-Bait_Mapping.txt	CAD_TissueEnrichmentResults.txt	Supp Data 9
		CAD_MasterInteractorTable.txt	CAD_TissueEnrichment_Category_BarPlots.pdf	Supp Fig 12, 13
		GTEx_TissueCategoryMapping.txt	CAD_TissueEnrichment_Cadiovascular_BarPlots.pdf	Fig 3, Supp Fig 14
Whole proteome analysis	CAD_HeartProteomeAnalysis.r	Doll2017_HeartProteome_SuppData7.xlsx	CAD_HeartProteome_ViolinPlots.pdf	Supp Fig 15
		CAD_Network-Cell-Bait_Mapping.txt		
		CAD_MasterInteractorTable.txt		
Genetic risk enrichment analyss	MAGMA/CAD_MAGMA_Conditional.sh	CAD_PPI/scripts/MAGMA/CAD_MAGMA_Global_2_GeneAndSetAnalysis.param	(merged/reformatted: CAD_PPI/data/CAD_MagmaResults.txt)	Supp Data 12
	MAGMA/CAD_MAGMA_Global_1_GeneAnnot.sh	CAD_Network-Cell-Bait_Mapping.txt		
	MAGMA/CAD_MAGMA_Global_2_GeneAndSetAnalysis.sh	CAD_MasterInteractorTable.txt		
		Ensembl_BioMart_GRCh37.gene.loc		
		(MAGMA_EUR reference data)		
		(CAD GWAS summary statistics)		
		(Aorta size GWAS summary statistics)		
		(Stroke GWAS summary statistics)		
		(height GWAS summary statistics)		
	CAD_plotMagmaResults.r	CAD_MagmaResults.txt	CAD_MagmaResults_GlobalSingleHeatMaps.pdf	Fig 4
			CAD_MagmaResults_HeatMapFacet.pdf	
			CAD_MagmaResults_HeatMapFacet_NoHeight.pdf	Supp Fig 17
Generating social Manhattan plots	CAD_generateSocialManhattanPlots.r	CAD_SocialManhattanData.xlsx	CAD_SocialManhattanPlots.pdf	Fig 4, Supp Fig 18