Name	Modalities	Meaning	Type	Measuring unit	Missing code	Measuring procedure	Range	Role
id		Patient identification number	numerical					?
age		Age of the patient	numerical	year			[28, 77]	Explanatory
sex		Gender of the patient	binary					Explanatory
cp		Chest pain type reported	qualitative					?
	1	Typical angina						
	2	Atypical angina						
	3	Non-anginal pain						
	4	Asymptomatic						
trestbps		Resting blood pressure	numerical	mm Hg	-9	Measured on admission to the hospital	(0)?[80, 200]	?
chol		Serum cholestorol level	numerical	mg/dl	-9		[0, 600]	?
smoke		The pacient is a smoker	boolean		-9			?
cigs		Number of cigarettes per day as a smoker	numerical	cigarette	-9		[0, 99]	?
years		number of years as a smoker	numerical	year	-9		[0, 60]	?
fbs		Fasting blood sugar >120 mg/dl	boolean		-9			
restecg		Resting electrocardiographic results	qualitative		-9	Electrocardiogram		?
	0	Normal results						
	1	Having ST-T wave abnormality (T wave inversions and/or ST elevation or depression of >0.05 mV)						
	2	Probable left ventricular hypertrophy (Estes' criteria)						
proto		Exercise protocol	qualitative		-9			?
	1	Bruce						
	2	Kottus						
	3	McHenry						
	4	Fast Balke						
	5	Balke						
	6	Noughton						
	7	Bike (150 kpa min/min)?						
	8	Bike (125 kpa min/min)?						
	9	Bike (100 kpa min/min)?						
	10	Bike (75 kpa min/min)?						
	11	Bike (50 kpa min/min)?						
	12	Arm ergometter						
thaldur		Duration of exercise test	numerical	minute	-9		[1, 24]	?
thalach		Maximum heart rate achieved	numerical		-9		[60, 202]	?
thalrest		Resting heart rate	numerical		-9		[37, 139]	?
exang		Exercise induced angina	boolean		-9			?
oldpeak		ST depression induced by exercise relative to rest	numerical		-9		[-2, 5]	?
slope		The slope of the peak exercise ST segment	qualitative		-9			?
	1	Upsloping						
	2	Flat						
	3	Downsloping						
ca		Number of mayor vessels colored by flourosopy	numerical	?	-9		[0, 9]	?
thal		Thalium stress test result	qualitative		-9			?
	3	Normal						
	6	Fixed defect						
	7	Reversable defect						
num		Diagnosis of heart deasease (angiographic disease status)	qualitative?					