

Feature name	Feature specification	Categories	No heart disease	Heart disease	Total
Age	Age	24–39	15	42	57
		40–54	143	276	419
		55–69	327	188	515
		70–85	14	20	34
		Total	499	526	1025
0Sex	Sex	Male	86	226	312
		Female	413	300	713
		Total	499	526	1025
cp	Chest pain	1 = Typical angina	375	122	497
		2 = Atypical angina	33	134	167
		3 = Non-anginal pain	65	219	284
		4 = Asymptomatic	26	51	77
		Total	499	526	1025
Trestbps	Resting blood pressure	90–119	84	117	201
		120–149	314	340	654
		150–179	87	66	153
		180–210	14	3	17
		Total	499	526	1025
chol	Cholesterol	120–130	182	244	426
		231–341	306	263	569
		342–453	11	16	27
		454–564	0	3	3
		Total	499	526	1025
fbs	Fasting blood sugar	<120mg/dl	417	455	872
		> 120 mg/dl	82	71	153
		Total	499	526	1025
Restecg	Electrocardiographic results when testing	0=Normal	283	214	Normal
		1 = ST-T wave abnormality	204	309	ST-T wave abnormality
		2 = LV hypertrophy	12	3	LV hypertrophy
		Total	499	526	1025
Thalach	Maximum heart rate	70–104	33	3	36
		105–139	189	74	263
		140–174	263	353	616
		175–2094	14	96	110
		Total	499	526	1025
Exang	Angina that is caused by anxiety	No	225	455	680
		274	71	71	345
		Total	499	526	1025
Oldpeak	ST depression due to exercise compared to rest	0–1.54	265	461	726
		1.55–3.00	167	59	226
		3.01–4.64	60	6	66
		4.65–6.2	7	0	7
		Total	499	526	1025
Slope	slope of the peak exercise ST segment	1 = Up sloping	46	28	74
		2 = Flat	324	158	482
		3 = Down sloping	129	340	469
		Total	499	526	1025
ca	Number of major blood vessels	1	160	66	226
		2	113	21	134
		3	60	9	69
		4	3	15	18
		Total	499	526	1025
Thal	Thalassemia	0	4	3	7
		Normal	43	21	64
		Fixed defect	132	412	544
		Reversible	320	90	410
		Total	499	526	1025

Table 1. Description of the dataset.