

Boston house-price data

http://lib.stat.cmu.edu/datasets/boston_corrected.txt

Data Set Characteristics: :

Number of Instances: 506 :

Number of Attributes: 13 numeric/categorical

Median Value (attribute 14) is usually the target

Attribute Information (in order):

- CRIM per capita crime rate by town
- ZN proportion of residential land zoned for lots over 25,000 sq.ft.
- INDUS proportion of non-retail business acres per town
- CHAS Charles River dummy variable (= 1 if tract bounds river; 0 otherwise)
- NOX nitric oxides concentration (parts per 10 million)
- RM average number of rooms per dwelling
- AGE proportion of owner-occupied units built prior to 1940
- DIS weighted distances to five Boston employment centres
- RAD index of accessibility to radial highways
- TAX full-value property-tax rate per \$10,000 1
- PTRATIO pupil-teacher ratio by town
- B 1000(Bk - 0.63)² where Bk is the proportion of blacks by town
- LSTAT % lower status of the population
- MEDV Median value of owner-occupied homes in \$1000's

	RM	AGE	DIS	RAD	TAX	PTRATIO	B	LSTAT
399	5.453	100.0	1.4896	24	666	20.2	396.90	30.59
406	5.683	100.0	1.4254	24	666	20.2	384.97	22.98
401	5.987	100.0	1.5888	24	666	20.2	396.90	26.77
400	5.852	77.8	1.5004	24	666	20.2	338.16	29.97
490	5.414	98.3	1.7554	4	711	20.1	344.05	23.97
415	4.519	100.0	1.6582	24	666	20.2	88.27	36.98
402	6.343	100.0	1.5741	24	666	20.2	396.90	20.32
386	5.277	98.1	1.4261	24	666	20.2	396.90	30.81
416	6.434	100.0	1.8347	24	666	20.2	27.25	29.05
388	5.000	89.5	1.5184	24	666	20.2	396.90	31.99
417	6.782	90.8	1.8195	24	666	20.2	21.57	25.79
491	5.093	98.0	1.8226	4	711	20.1	318.43	29.68
426	5.896	95.4	1.9096	24	666	20.2	7.68	24.39
404	5.349	96.0	1.7028	24	666	20.2	396.90	19.77
420	6.824	76.5	1.7940	24	666	20.2	48.45	22.74
439	5.935	87.9	1.8206	24	666	20.2	68.95	34.02
398	5.747	98.9	1.6334	24	666	20.2	393.10	19.92
405	5.531	85.4	1.6074	24	666	20.2	329.46	27.38

References:

Harrison D. and Rubinfeld, D.L. 'Hedonic prices and the demand for clean air', J. Environ. Economics & Management, vol.5, 81-102, 1978.

Belsley, Kuh & Welsch, 'Regression diagnostic ...', Wiley, 1980.

Gilley, O.W., and R. Kelley Pace. 1996. 'On the Harrison and Rubinfeld Data, Journal of Environmental Economics and Management', Vol. 31 pp. 403-405.