The data set (and description) can be downloaded here:
http://archive.ics.uci.edu/ml/machine-learning-databases/00225/

Description:

ILPD (Indian Liver Patient Dataset) Data Set
Download: Data Folder, Data Set Description
Abstract: This data set contains 10 variables that are age, gender, total Bilirubin, direct Bilirubin, total proteins, albumin, A/G ratio, SGPT, SGOT and Alkphos.

Data Set Characteristics:	Multivariate
Number of Instances:	583
Area:	Life
Attribute Characteristics:	Integer, Real
Number of Attributes:	10
Date Donated:	2012-05-21
Associated Tasks:	Classification
Missing Values?	N/A
Number of Web Hits:	9021

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Data Set Information:

This data set contains 416 liver patient records and 167 non liver patient records.The data set was collected from north east of Andhra Pradesh, India.
 Selector is a class label used to divide into groups(liver patient or not).
 This data set contains 441 male patient records and 142 female patient records.

Attribute Information:
1. Age Age of the patient
2. Gender Gender of the patient
3. TB Total Bilirubin
4. DB Direct Bilirubin
5. Alkphos Alkaline Phosphotase
6. Sgpt Alamine Aminotransferase
7. Sgot Aspartate Aminotransferase
8. TP Total Protiens
9. ALB Albumin
10. A/G Ratio Albumin and Globulin Ratio
11. Selector field used to split the data into two sets (labeled by the experts)

Relevant Papers:
1. Bendi Venkata Ramana, Prof. M. S. Prasad Babu and Prof. N. B. Venkateswarlu, "A Critical Comparative Study of Liver Patients from USA and INDIA: An Exploratory Analysis", International Journal of Computer Science Issues, ISSN :1694-0784, May 2012.
2. Bendi Venkata Ramana, Prof. M. S. Prasad Babu and Prof. N. B. Venkateswarlu, "A Critical Study of Selected Classification Algorithms for Liver Disease Diagnosis", International Journal of Database Management Systems (IJDMS), Vol.3, No.2, ISSN : 0975-5705, PP 101-114, May 2011.

Citation Request:

Please refer to the repository http://archive.ics.uci.edu/ml (see citation policy).
See also Frank, A. & Asuncion, A. (2010). UCI Machine Learning Repository [http://archive.ics.uci.edu/ml].
Irvine, CA: University of California, School of Information and Computer Science.

Descriptive statistics:

```
Dataset= indian-liver-patient_1vs2 : n= 579 , d= 10

Class1: n= 414

Covariance matrix:
           [,1]    [,2]     [,3]     [,4]       [,5]       [,6]        [,7]     [,8]     [,9]    [,10]
 [1,]  246.1872  0.6203  -2.6722  -1.7320   376.8664  -436.8823   -243.4587  -3.1780  -3.4974  -1.3309
 [2,]    0.6203  0.1719   0.2344   0.1186    -8.4775     7.0353     10.6412  -0.0520  -0.0365  -0.0007
 [3,]   -2.6722  0.2344  51.2424  19.9290   318.8957   279.9389    509.4240   0.0609  -1.2365  -0.4557
 [4,]   -1.7320  0.1186  19.9290  10.3204   164.7544   137.6200    247.9962   0.0671  -0.5629  -0.1916
 [5,]  376.8664 -8.4775 318.8957 164.7544 72277.3631  5390.7891  13157.7419  -5.9795 -29.9191 -18.3495
 [6,] -436.8823  7.0353 279.9389 137.6200  5390.7891 45461.4642  56759.0071 -10.6641  -0.8769   1.9593
 [7,] -243.4587 10.6412 509.4240 247.9962 13157.7419 56759.0071 114336.1150  -7.4679 -18.6288  -5.9487
 [8,]   -3.1780 -0.0520   0.0609   0.0671    -5.9795   -10.6641     -7.4679   1.2040   0.6577   0.0721
 [9,]   -3.4974 -0.0365  -1.2365  -0.5629   -29.9191    -0.8769    -18.6288   0.6577   0.6200   0.1703
[10,]   -1.3309 -0.0007  -0.4557  -0.1916   -18.3495     1.9593     -5.9487   0.0721   0.1703   0.1064

Correlation matrix:
          [,1]    [,2]    [,3]    [,4]    [,5]    [,6]    [,7]    [,8]    [,9]   [,10]
 [1,]  1.0000  0.0954 -0.0238 -0.0344  0.0893 -0.1306 -0.0459 -0.1846 -0.2831 -0.2601
 [2,]  0.0954  1.0000  0.0790  0.0890 -0.0761  0.0796  0.0759 -0.1142 -0.1118 -0.0055
 [3,] -0.0238  0.0790  1.0000  0.8666  0.1657  0.1834  0.2105  0.0078 -0.2194 -0.1952
 [4,] -0.0344  0.0890  0.8666  1.0000  0.1908  0.2009  0.2283  0.0190 -0.2225 -0.1829
 [5,]  0.0893 -0.0761  0.1657  0.1908  1.0000  0.0940  0.1447 -0.0203 -0.1413 -0.2093
 [6,] -0.1306  0.0796  0.1834  0.2009  0.0940  1.0000  0.7873 -0.0456 -0.0052  0.0282
 [7,] -0.0459  0.0759  0.2105  0.2283  0.1447  0.7873  1.0000 -0.0201 -0.0700 -0.0539
 [8,] -0.1846 -0.1142  0.0078  0.0190 -0.0203 -0.0456 -0.0201  1.0000  0.7612  0.2013
 [9,] -0.2831 -0.1118 -0.2194 -0.2225 -0.1413 -0.0052 -0.0700  0.7612  1.0000  0.6631
[10,] -0.2601 -0.0055 -0.1952 -0.1829 -0.2093  0.0282 -0.0539  0.2013  0.6631  1.0000

Median:          46.6575 1.8028 2.7957 1.2738 233.0326 46.1209  59.6008 6.5122 3.136  0.9329

Mean:            46.1449 1.7802 4.1804 1.9316 319.5362 99.9734 138.1739 6.4587 3.0585 0.9142
MCD-estimated:
MDC-0.975-Mean:  47.3773 2      1.5278 0.6189 247.1415 44.198   54.8586 6.4363 3.1174 0.9419
MDC-0.750-Mean:  47.4365 2      1.5502 0.631  247.4554 44.5445  55.1363 6.4371 3.1202 0.9434
MDC-0.500-Mean:  47.4365 2      1.5479 0.6286 248.7934 44.1924  54.911  6.4315 3.1113 0.9398
```

Class2: n= 165

Covariance matrix:

	[,1]	[,2]	[,3]	[,4]	[,5]	[,6]	[,7]	[,8]	[,9]	[,10]
[1,]	291.0133	-0.4584	0.2049	0.1733	-190.6957	-46.7999	-61.6452	-3.2687	-2.2266	-0.2056
[2,]	-0.4584	0.2101	0.0695	0.0379	5.0583	1.1157	2.5635	-0.0205	-0.0071	0.0066
[3,]	0.2049	0.0695	1.0193	0.5198	80.9240	8.5153	14.2241	-0.1654	-0.1453	-0.0473
[4,]	0.1733	0.0379	0.5198	0.2724	41.6836	4.3909	7.3869	-0.0794	-0.0733	-0.0248
[5,]	-190.6957	5.0583	80.9240	41.6836	20030.1196	1341.8262	1384.5409	-4.3997	-16.1198	-9.8257
[6,]	-46.7999	1.1157	8.5153	4.3909	1341.8262	632.3328	610.3452	0.9815	0.8766	0.0663
[7,]	-61.6452	2.5635	14.2241	7.3869	1384.5409	610.3452	1336.8645	-4.0711	-2.3126	0.2008
[8,]	-3.2687	-0.0205	-0.1654	-0.0794	-4.3997	0.9815	-4.0711	1.1095	0.7056	0.0988
[9,]	-2.2266	-0.0071	-0.1453	-0.0733	-16.1198	0.8766	-2.3126	0.7056	0.6062	0.1650
[10,]	-0.2056	0.0066	-0.0473	-0.0248	-9.8257	0.0663	0.2008	0.0988	0.1650	0.0825

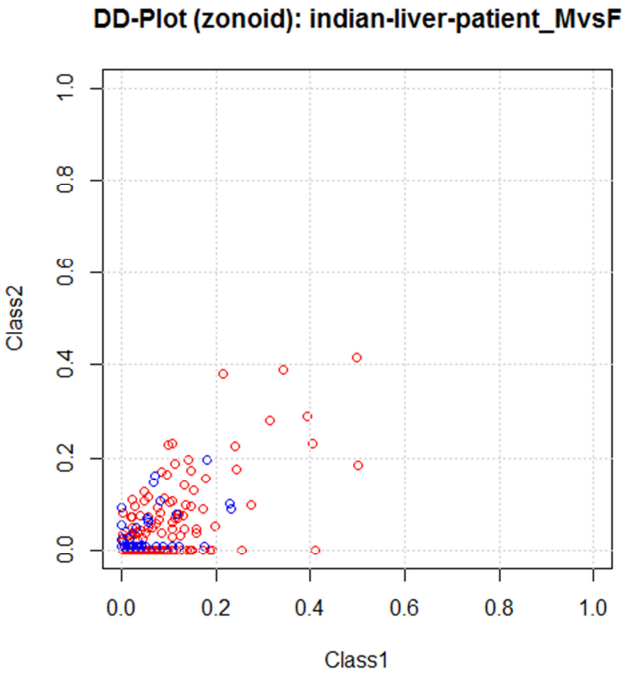
Correlation matrix:

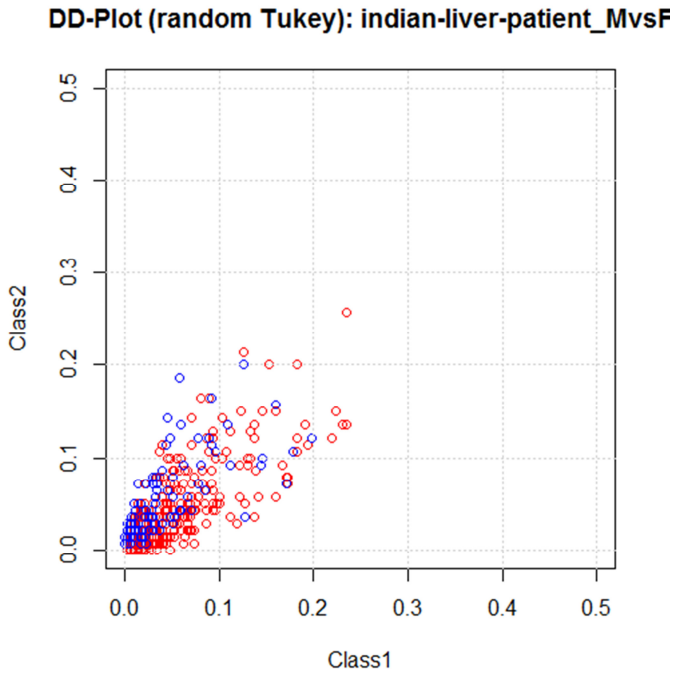
	[,1]	[,2]	[,3]	[,4]	[,5]	[,6]	[,7]	[,8]	[,9]	[,10]
[1,]	1.0000	-0.0586	0.0119	0.0195	-0.0790	-0.1091	-0.0988	-0.1819	-0.1676	-0.0420
[2,]	-0.0586	1.0000	0.1502	0.1586	0.0780	0.0968	0.1530	-0.0426	-0.0200	0.0504
[3,]	0.0119	0.1502	1.0000	0.9864	0.5663	0.3354	0.3853	-0.1556	-0.1848	-0.1631
[4,]	0.0195	0.1586	0.9864	1.0000	0.5643	0.3345	0.3871	-0.1445	-0.1803	-0.1656
[5,]	-0.0790	0.0780	0.5663	0.5643	1.0000	0.3770	0.2676	-0.0295	-0.1463	-0.2417
[6,]	-0.1091	0.0968	0.3354	0.3345	0.3770	1.0000	0.6638	0.0371	0.0448	0.0092
[7,]	-0.0988	0.1530	0.3853	0.3871	0.2676	0.6638	1.0000	-0.1057	-0.0812	0.0191
[8,]	-0.1819	-0.0426	-0.1556	-0.1445	-0.0295	0.0371	-0.1057	1.0000	0.8604	0.3265
[9,]	-0.1676	-0.0200	-0.1848	-0.1803	-0.1463	0.0448	-0.0812	0.8604	1.0000	0.7376
[10,]	-0.0420	0.0504	-0.1631	-0.1656	-0.2417	0.0092	0.0191	0.3265	0.7376	1.0000

Median:	42.9088	1.6847	0.9593	0.2991	187.7775	28.9654	31.8993	6.6418	3.4259	1.0516
Mean:	41.3636	1.703	1.1448	0.3964	220.6848	33.8364	40.7636	6.5394	3.3394	1.0296
MCD-estimated:										
MDC-0.975-Mean:	41.3259	2.0001	0.9225	0.2888	197.4046	30.0561	33.0337	6.5978	3.4101	1.0492
MDC-0.750-Mean:	41.3	2.0001	0.93	0.2945	197.7667	30.6999	33.4889	6.6133	3.4167	1.0487
MDC-0.500-Mean:	41.3259	2.0001	0.9225	0.2888	197.4046	30.0561	33.0337	6.5978	3.4101	1.0492

Measures:

Mah.Dist:	0.8122
Mah.Dist-MCD-0.975:	0.8385
Mah.Dist-MCD-0.750:	0.8264
Mah.Dist-MCD-0.500:	0.8264


DD-Plot (zonoid): indian-liver-patient_MvsF
Class2
Class1
0.0
0.2
0.4
0.6
0.8
1.0


DD-Plot (random Tukey): indian-liver-patient_MvsF
Class2
Class1
0.0
0.1
0.2
0.3
0.4
0.5