

Contraceptive Method Choice

Fonte: UCI Machine Learning Repository

This dataset is a subset of the 1987 National Indonesia Contraceptive Prevalence Survey. The samples are married women who were either not pregnant or do not know if they were at the time of interview. The problem is to predict the current contraceptive method choice (no use, use) of a woman based on her demographic and socio-economic characteristics.

Number of Instances: 1473

Missing Attribute Values: None

Number of Attributes: 10

1. Wife's age (numerical)
2. Wife's education (categorical) 1=low, 2, 3, 4=high
3. Husband's education (categorical) 1=low, 2, 3, 4=high
4. Number of children ever born (numerical)
5. Wife's religion (binary) 0=Non-Islam, 1=Islam
6. Wife's now working? (binary) 0=Yes, 1=No
7. Husband's occupation (categorical) 1, 2, 3, 4
8. Standard-of-living index (categorical) 1=low, 2, 3, 4=high
9. Media exposure (binary) 0=Good, 1=Not good
10. Contraceptive method used (class attribute) 1=No-use 0=use

Distribuzione di frequenza del target

La procedura FREQ

Y	Frequenza	Percentuale	Frequenza cumulativa	Percentuale cumulativa
0	759	57.33	759	57.33
1	565	42.67	1324	100.00

Tavole di contingenza

La procedura FREQ

Frequenza Pct riga	Tabella di Y per Wedu				
	Wedu				Totale
	Y	1	2	3	4
0	45	148	213	353	759
	5.93	19.50	28.06	46.51	
1	93	158	157	157	565
	16.46	27.96	27.79	27.79	
Totale	138	306	370	510	1324

La procedura FREQ

Frequenza Pct riga	Tabella di Y per Hedu				
	Y	Hedu			
		1	2	3	4
	0	12 1.58	72 9.49	174 22.92	501 66.01
1	29 5.13	85 15.04	144 25.49	307 54.34	565
Totale	41	157	318	808	1324

La procedura FREQ

Frequenza Pct riga	Tabella di Y per Living					
	Y	Living				Totale
		1	2	3	4	
0	44 5.80	104 13.70	224 29.51	387 50.99	759	
1	74 13.10	106 18.76	163 28.85	222 39.29	565	
Totale	118	210	387	609	1324	

La procedura FREQ

Frequenza Pct riga	Tabella di Y per Exposure			
	Y	Exposure		
		0	1	Totale
0	727 95.78	32 4.22	759	
1	502 88.85	63 11.15	565	
Totale	1229	95	1324	

La procedura FREQ

Frequenza Pct riga	Tabella di Y per Wrel			
	Y	Wrel		
		0	1	Totale
0	133 17.52	626 82.48	759	
1	68 12.04	497 87.96	565	
Totale	201	1123	1324	

La procedura FREQ

Frequenza Pct riga	Tabella di Y per Wwork			
	Y	Wwork		
		0	1	Totale
0		179 23.58	580 76.42	759
1		150 26.55	415 73.45	565
Totale		329	995	1324

La procedura FREQ

Frequenza Pct riga	Tabella di Y per Hoccupation					
	Y	Hoccupation				
		1	2	3	4	Totale
0		237 31.23	202 26.61	308 40.58	12 1.58	759
1		143 25.31	176 31.15	234 41.42	12 2.12	565
Totale		380	378	542	24	1324

DATASET INIZIALE CON DIFCHISQ

Numero osservazioni: 1324

DATASET SCORE NUOVI CASI 10%

Numero osservazioni: 149