

Για WEKA

Αρχείο excel (προτιμάμε Αγγλικούς όρους με ΕΥΡΕΣΗ->ΑΝΤΙΚΑΤΑΣΤΑΣΗ η κωδικοποίηση με αριθμούς)

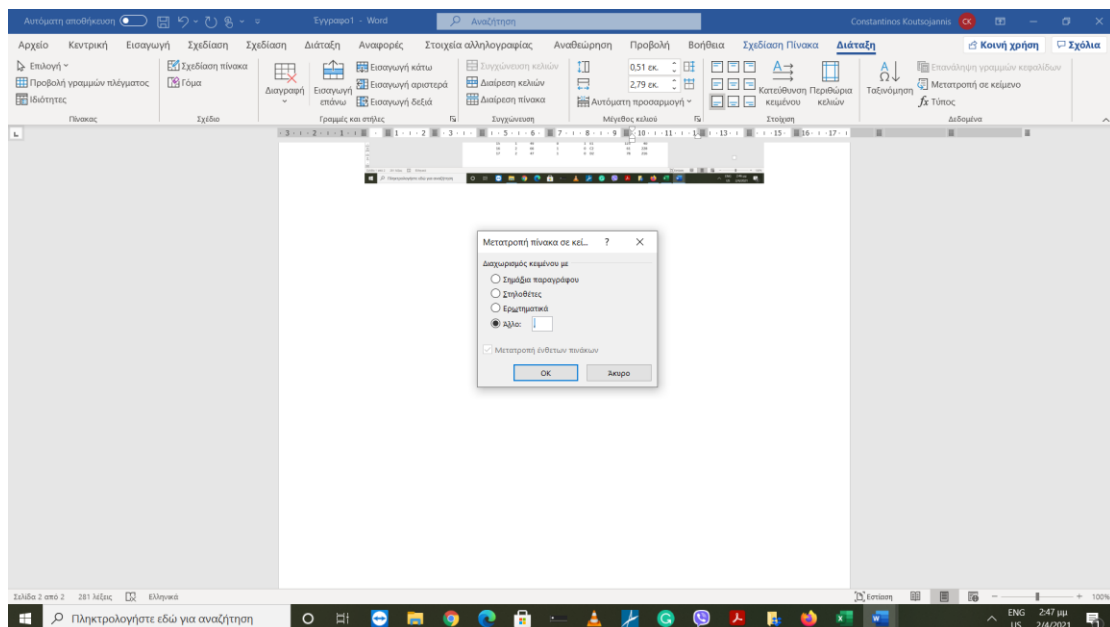
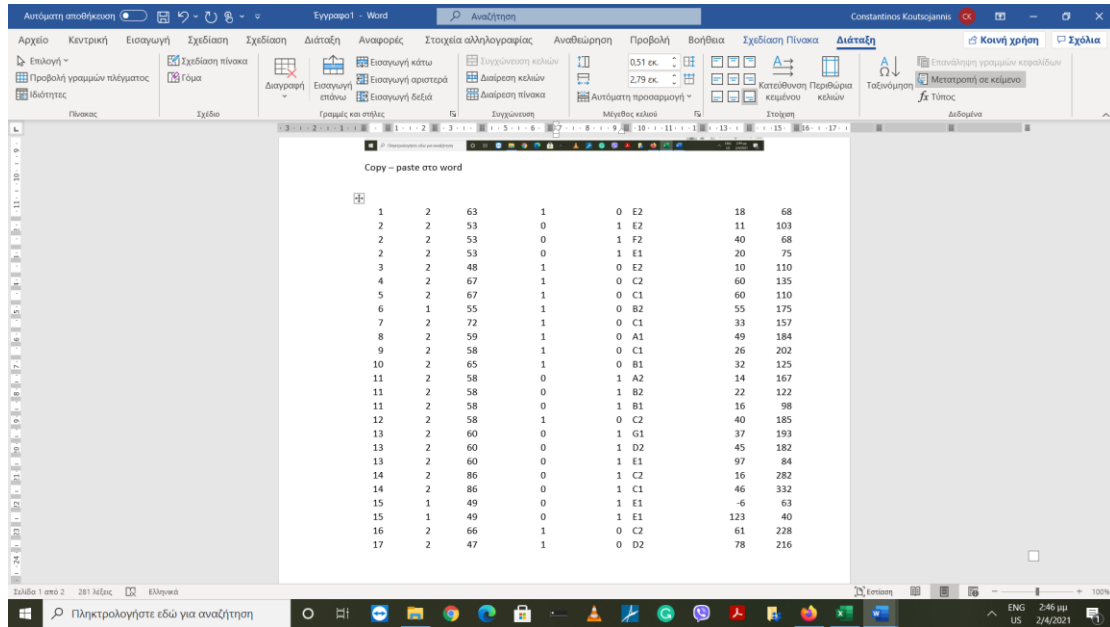
	φύλο	ηλικία	ΑΤ: adenoma	ΑΤ: yperplasia	εντόπιση/τύπος	ΗΥ πριν	ΔΗΥ	description	χειρουργικά αποτελ	ανατομοπαθολογικά αποτελ
1	1	2	63	1	0 E2	18	68	2	2	adenoma
2	1	2	53	0	1 E2	11	103	3	1	adenoma
3	2	2	53	0	1 F2	40	68	1	0	no
4	2	2	53	0	1 E1	20	75	2	0	no
5	2	2	48	1	0 E2	10	110	2	1	adenoma
6	3	2	48	1	0 E2	10	110	2	1	adenoma
7	4	2	67	1	0 C2	60	135	3	1	thyr
8	5	2	67	1	0 C1	60	110	1	2	adenoma
9	6	1	55	1	0 B2	55	175	2	1	adenoma
10	7	2	72	1	0 C1	33	157	2	1	adenoma
11	8	2	59	1	0 A1	49	184	2	1	adenoma
12	9	2	58	1	0 C1	26	202	1	1	adenoma
13	10	2	65	1	0 B1	32	125	1	1	yperplasia
14	11	2	58	0	1 A2	14	167	1	1	yperplasia
15	11	2	58	0	1 B2	22	122	2	1	yperplasia
16	11	2	58	0	1 B1	16	98	1	1	yperplasia
17	12	2	58	1	0 C2	40	185	3	1	adenoma
18	13	2	60	0	1 G1	37	193	1	1	yperplasia
19	13	2	60	0	1 D2	45	182	2	1	yperplasia
20	13	2	60	0	1 E1	97	84	2	0	no
21	14	2	86	0	1 C2	16	282	2	1	yperplasia
22	14	2	86	0	1 C1	46	332	2	1	yperplasia
23	15	1	49	0	1 E1	-6	63	3	1	yperplasia
24	15	1	49	0	1 E1	123	40	3	2	yperplasia
25	16	2	66	1	0 C2	61	228	1	1	yperplasia
26	17	2	47	1	0 D2	78	216	2	1	adenoma

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1	2	63	1	0	E2	18	68
2	2	53	0	1	E2	11	103
2	2	53	0	1	F2	40	68
2	2	53	0	1	E1	20	75
3	2	48	1	0	E2	10	110
4	2	67	1	0	C2	60	135
5	2	67	1	0	C1	60	110
6	1	55	1	0	B2	55	175
7	2	72	1	0	C1	33	157
8	2	59	1	0	A1	49	184
9	2	58	1	0	C1	26	202
10	2	65	1	0	B1	32	125
11	2	58	0	1	A2	14	167
11	2	58	0	1	B2	22	122
11	2	58	0	1	B1	16	98
12	2	58	1	0	C2	40	185
13	2	60	0	1	G1	37	193
13	2	60	0	1	D2	45	182

13	2	60	0	1	E1	97	84
14	2	86	0	1	C2	16	282
14	2	86	0	1	C1	46	332
15	1	49	0	1	E1	-6	63
15	1	49	0	1	E1	123	40

...



1,2,63,1,0,E2,18,68,2,2,adenoma
2,2,53,0,1,E2,11,103,3,1,adenoma

2,2,53,0,1,F2,40,68,1,0,no
 2,2,53,0,1,E1,20,75,2,0,no
 3,2,48,1,0,E2,10,110,2,1,adenoma
 4,2,67,1,0,C2,60,135,3,1,thyr
 5,2,67,1,0,C1,60,110,1,2,adenoma
 6,1,55,1,0,B2,55,175,2,1,adenoma
 7,2,72,1,0,C1,33,157,2,1,adenoma
 8,2,59,1,0,A1,49,184,2,1,adenoma
 9,2,58,1,0,C1,26,202,1,1,adenoma
 10,2,65,1,0,B1,32,125,1,1,yperplasia
 11,2,58,0,1,A2,14,167,1,1,yperplasia
 11,2,58,0,1,B2,22,122,2,1,yperplasia
 11,2,58,0,1,B1,16,98,1,1,yperplasia
 12,2,58,1,0,C2,40,185,3,1,adenoma
 13,2,60,0,1,G1,37,193,1,1,yperplasia
 13,2,60,0,1,D2,45,182,2,1,yperplasia
 13,2,60,0,1,E1,97,84,2,0,no
 14,2,86,0,1,C2,16,282,2,1,yperplasia
 14,2,86,0,1,C1,46,332,2,1,yperplasia
 15,1,49,0,1,E1,-6,63,3,1,yperplasia
 15,1,49,0,1,E1,123,40,3,2,yperplasia
 16,2,66,1,0,C2,61,228,1,1,yperplasia
 17,2,47,1,0,D2,78,216,2,1,adenoma
 ...

Και προσθέτω πάνω τις παραμέτρους (@ όνομα, τιμές σε { } η χαρακτηρισμός τους), όπως φαίνεται εδώ:

```

@relation PARATHYR
@attribute SEX {man,woman}
@attribute AGE numeric
@attribute ADENOMA {yes,no}
@attribute YPERPLASIA {yes,no}
@attribute TYPE {no,A1,B1,C1,D1,E1,F1,G1,A2,B2,C2,D2,E2,F2,G2}
@attribute HU numeric
@attribute DHU numeric
@attribute DESCRIPTION {no,small,medium,large}
@attribute SURGERY {0,1,2,3,4}
@attribute RESULTS {adenoma,no,thyr,yperplasia,ca,lemfadenas}

@data
woman,53,yes,no,E2,18,68,medium,2,adenoma
woman,53,no,yes,E2,11,103,large,1,adenoma
woman,53,no,yes,F2,40,68,small,0,no
woman,53,no,yes,E1,20,75,medium,0,no
woman,48,yes,no,E2,10,110,medium,1,adenoma
woman,67,yes,no,C2,60,135,large,1,thyr
woman,67,yes,no,C1,60,110,small,2,adenoma
man,55,yes,no,B2,55,175,medium,1,adenoma
woman,72,yes,no,C1,33,157,medium,1,adenoma
woman,59,yes,no,A1,49,184,medium,1,adenoma
woman,58,yes,no,C1,26,202,small,1,adenoma
woman,65,yes,no,B1,32,125,small,1,yperplasia
woman,58,no,yes,A2,14,167,small,1,adenoma
woman,58,no,yes,B2,22,122,medium,1,adenoma
woman,58,no,yes,B1,16,98,small,1,yperplasia
woman,58,yes,no,C2,40,185,large,1,adenoma
woman,60,no,yes,G1,37,193,small,1,yperplasia
woman,60,no,yes,D2,45,182,medium,1,yperplasia
woman,60,no,yes,E1,97,84,medium,0,adenoma
woman,86,no,yes,C2,16,282,medium,1,yperplasia
woman,86,no,yes,C1,46,332,medium,1,adenoma
man,49,no,yes,E1,-6,63,large,1,yperplasia
man,49,no,yes,E1,123,40,large,2,yperplasia
woman,66,yes,no,C2,61,228,small,1,yperplasia
woman,47,yes,no,D2,78,216,medium,1,adenoma
man,44,no,yes,E1,65,39,large,1,yperplasia
man,44,no,yes,C2,34,14,large,1,yperplasia
woman,63,yes,no,G2,66,387,large,2,yperplasia
woman,46,yes,no,F2,108,122,small,1,adenoma
  
```

Copy – paste και αποθήκευση στο ΣΗΜΕΙΩΜΑΤΑΡΙΟ με κατάληξη *.arff

ΤΕΛΟΣ

Για ACRES

Βάζω ξεχωριστά τις παραμέτρους από τα δεδομένα δηλ:

Ενώ έχω:

```
BOOKarff - Σημειωματάνιο
Αρχείο Επεξεργασία Μορφή Προβολή Βοήθεια
@relation PARATHYR
@attribute SEX {man,woman}
@attribute AGE numeric
@attribute ADENOMA {yes,no}
@attribute YPERPLASIA {yes,no}
@attribute TYPE {no,A1,B1,C1,D1,E1,F1,G1,A2,B2,C2,D2,E2,F2,G2}
@attribute HU numeric
@attribute DHU numeric
@attribute DESCRIPTION {no,small,medium,large}
@attribute SURGERY {0,1,2,3,4}
@attribute RESULTS {adenoma,no,thyr,yperplasia,ca,lemfadenas}

@data
woman,63,yes,no,E2,18,68,medium,2,adenoma
woman,53,no,yes,E2,11,105,large,1,adenoma
woman,53,no,yes,F2,40,68,small,0,no
woman,53,no,yes,E1,20,75,medium,0,no
woman,48,yes,no,E2,10,110,medium,1,adenoma
woman,67,yes,no,C2,60,135,large,1,thyr
woman,67,yes,no,C1,60,110,small,2,adenoma
man,55,yes,no,B2,55,175,medium,1,adenoma
woman,72,yes,no,C1,33,157,medium,1,adenoma
woman,59,yes,no,A1,49,184,medium,1,adenoma
woman,58,yes,no,C1,26,202,small,1,adenoma
woman,65,yes,no,B1,32,125,small,1,yperplasia
woman,58,no,yes,A2,14,167,small,1,adenoma
woman,58,no,yes,B2,22,122,medium,1,adenoma
woman,58,no,yes,B1,16,98,small,1,yperplasia
woman,58,yes,no,C2,40,185,large,1,adenoma
woman,60,no,yes,G1,37,195,small,1,yperplasia
woman,60,no,yes,D2,45,182,medium,1,yperplasia
woman,60,no,yes,E1,97,84,medium,0,adenoma
woman,86,no,yes,C2,16,282,medium,1,yperplasia
woman,86,no,yes,C1,46,332,medium,1,adenoma
man,49,no,yes,E1,-6,63,large,1,yperplasia
man,49,no,yes,E1,123,40,large,2,yperplasia
woman,66,yes,no,C2,61,228,small,1,yperplasia
woman,47,yes,no,D2,78,216,medium,1,adenoma
man,44,no,yes,B1,65,39,large,1,yperplasia
man,44,no,yes,C2,34,14,large,1,yperplasia
woman,63,yes,no,G2,66,387,large,2,yperplasia
```

Φτιάχνω ένα αρχείο με τις παραμέτρους

```
BOOKvariable.txt - Σημειωματάνιο
Αρχείο Επεξεργασία Μορφή Προβολή Βοήθεια
1 SEX
2 AGE
3 ADENOMA
4 YPERPLASIA
5 TYPE
6 HU
7 DHU
8 DESCRIPTION
9 SURGERY
10 RESULTS

In 1 Col 1 100% Windows (UTF-8) UTF-8
```

... κι ένα με τα δεδομένα:

```
BOOKdata.txt - Γνωσιακό πρόγραμμα
Αρχείο Ενδείξεως Μορφή Προβολής Βοήθεια
woman,63,yes,no,E2,18,68,medium,2,adenoma
woman,53,no,yes,E2,11,103,large,1,adenoma
woman,53,no,yes,F2,40,68,small,0,no
woman,53,no,yes,E1,20,75,medium,0,no
woman,48,yes,no,E2,10,110,medium,1,adenoma
woman,67,yes,no,C2,60,135,large,1,thyro
woman,67,yes,no,C1,60,110,small,2,adenoma
man,55,yes,no,B2,55,175,medium,1,adenoma
woman,72,yes,no,C1,33,157,medium,1,adenoma
woman,59,yes,no,A1,49,184,medium,1,adenoma
woman,58,yes,no,C1,26,200,small,1,adenoma
woman,65,yes,no,B1,32,125,small,1,hyperplasia
woman,58,no,yes,A2,14,167,small,1,adenoma
woman,58,no,yes,B2,22,122,medium,1,adenoma
woman,58,no,yes,B1,16,98,small,1,hyperplasia
woman,58,yes,no,C2,40,185,large,1,adenoma
woman,60,no,yes,G1,37,193,small,1,hyperplasia
woman,60,no,yes,D2,45,182,medium,1,hyperplasia
woman,60,no,yes,E1,97,84,medium,0,adenoma
woman,86,no,yes,C2,16,282,medium,1,hyperplasia
woman,86,no,yes,C1,46,332,medium,1,adenoma
man,49,no,yes,E1,-6,63,large,1,hyperplasia
man,49,no,yes,E1,123,40,large,2,hyperplasia
woman,66,yes,no,C2,61,228,small,1,hyperplasia
woman,47,yes,no,D2,78,216,medium,1,adenoma
man,44,no,yes,B1,65,39,large,1,hyperplasia
man,44,no,yes,C2,34,14,large,1,hyperplasia
woman,63,yes,no,G2,66,387,large,2,hyperplasia
woman,46,yes,no,F2,100,122,small,1,adenoma
woman,67,no,yes,A2,39,54,small,1,hyperplasia
```

Copy – paste και αποθήκευση πάλι στο σημειωματάριο με την κατάληξη *.txt

ΤΕΛΟΣ