# 附录:

# 附录1: EM聚类结果

```
Scheme:
              weka.clusterers.EM -I 100 -N -1 -X 10 -max -1 -ll-cv 1.0E-
6 -ll-iter 1.0E-6 -M 1.0E-6 -K 10 -num-slots 1 -S 100
Relation:
              802_ENGLISH_XLS1re
Instances:
              802
Attributes:
              34
              YEAR_IN
              RECRUITING_WAY
              STYPE
              MAJOR
              NATION
              SEX
              SAGE_IN
              CPP_MEMBER
              INTERVIEW_SCORE_01
              INTERVIEW_SCORE_CLASS
              985_211
              SAGE_OUT
              CONTINUOUS_EDUCATION
              CHANGE_MAJOR
              TAGE_SIN
              TCPP_MEMBER
              TTITLE
              TDUTY
              EXPERT
              CREDIT
              GPA
              GPA_CLASS
              GPA_01
              GPA_MAIN
              GPA_CLASS_MAIN
              GPA_MAIN_01
              PROPOSAL_GRADE
              MID_GRADE
              JUDGING_GRADE
              ANSWERING_GRADE
              TIME_TO_PROPOSAL
              EMPLOYMENT_UNIT_CLASS
              DALEY_YEAR
              DELAY
Test mode:
              evaluate on training data
=== Clustering model (full training set) ===
EM
```

==

Number of clusters selected by cross validation: 3 Number of iterations performed: 2

Attribute	Cluster 0 (0.2)	1 (0.24)	2 (0.56)
YEAR_IN			
mean	2011.2296	2010.9417	2011.5848
std. dev.	1.1706	0.9295	1.1193
RECRUITING_WAY			
MASTER_DOCTOR	7.7421	127.7561	7.5018
COMMON_EXAM	1	59	1
UNIFIED_EXAM	97.4092		
EXAM_FREE	61.7033		
BACHELOR_DOCTOR	1	2	1
[total]	168.8546	195.9613	452.1841
STYPE			
DOCTOR	7.7421		7.5018
MASTER	70.0039		
MASTER_SPECIALIZED	89.1086		60.2388
[total]	166.8546	193.9613	450.1841
MAJOR			
CA	36.4836		
CAT		51.7833	
CST	15.038		73.6918
IS	2.0882		
СТ	70.5063		
SE	19.6023		
[total]	169.8546	196.9613	453.1841
NATION			
HAN	158.2915		
OTHER	7.5631	9.0022	19.4347
[total] SEX	165.8546	192.9613	449.1841
MALE	148.7906	159.6152	343.5941
FEMALE	17.064	33.346	105.59
[total] SAGE_IN	165.8546	192.9613	449.1841
mean	22.515	24.6541	22.1784
std. dev.		2.0992	
CPP_MEMBER			
NOCPP	104.1616	76.0067	193.8316
CPP		116.9545	
[total]		192.9613	
INTERVIEW_SCORE_01			
mean	-0.1102	0.0091	0.0484
std. dev.		0.9307	

INTERVIEW_SCORE_CLASS				
В	21.1854		84.5743	
D	50.9437	50.0359	107.0205	
C		34.7968		
Α	37.5496	37.8884	118.562	
[total]	167.8546	194.9613	451.1841	
985_211				
9_8_5	96.6514	99.4826	309.866	
OTHER	35.3951	51.525	37.0798	
2_1_1	34.808	42.9537	103.2383	
[total]	166.8546	193.9613	450.1841	
SAGE_OUT				
mean	25.435	28.626	24.9984	
std. dev.	1.2062	2.3349	0.9093	
CONTINUOUS_EDUCATION				
CONTINUOUS	133.8854	158.3732	428.7413	
DISCONTINUOUS		34.588		
[total]	165.8546	192.9613		
CHANGE_MAJOR				
UNCHANGED	105.4979	109.5441	303.958	
CHANGED		83.4172		
[total]		192.9613		
TAGE_SIN	_05.05.0			
mean	43.1777	44.4967	40.0483	
std. dev.		8.3122		
		0.00		
TCPP_MEMBER				
TCPP	91.6771	150.222	269.1009	
NOTCPP	74.1775	42.7393	180.0832	
[total]		192.9613		
TTITLE				
SENIOR	102.5425	185.8005	272.6569	
SUBSENIOR			167.825	
OTHER		1.0004		
[total]	166.8546	193.9613		
TDUTY	_30.35.0			
DUTYIN	48.7893	79.125	149.0857	
DUTYFREE	117.0653	113.8363		
[total]	165.8546	192.9613		
EXPERT	_33.33.3			
EXPERT	52.0532	116.7195	117.2273	
NOEXPERT		76.2418		
[total]	165.8546	192.9613		
CREDIT	203.03-0	152.5015		
mean	34 3489	26.545	33 0282	
std. dev.	2.2453		1.7986	
JCA. GCV.	2.2733	13.2031	1.1300	
GPA				
mean	77.3482	79.2409	82.8485	
std. dev.	3.3973	5.4611		
233.	3.33.3	31.011		
GPA_CLASS				
В	20.62	50.6042	135.7758	

A		52.734		
D		48.6983		
C	35.0651	42.9248	115.0101	
[total]	167.8546	194.9613	451.1841	
GPA_01				
mean	-0.7582	0.0611	0.3559	
std. dev.	0.8414	0.9836	0.6591	
GPA_MAIN				
mean	76.8985	78.6537	82.4033	
std. dev.	3.6179	5.2573	2.8111	
GPA_CLASS_MAIN				
В	18.0386	46.0255	135.9359	
Α		53.2626		
D	97.0824	48.2793	47.6384	
C	43.5554	47.3939	114.0507	
[total]	167.8546	194.9613	451.1841	
GPA_MAIN_01				
mean	-0.7402	0.0765	0.3599	
std. dev.	0.8656	0.9613	0.7066	
PROPOSAL_GRADE				
В	92.0319	64.1692	122.7989	
Α	70.6796	119.8097	322.5107	
C	4.1431	9.9824	4.8745	
[total]	166.8546	193.9613	450.1841	
MID_GRADE				
В	81.0829	40.124	112.793	
Α	80.0725	149.8372	336.0902	
C	5.6991	4	1.3009	
[total]	166.8546	193.9613	450.1841	
JUDGING_GRADE				
В	100.5045	122.2799	151.2155	
Α		70.6814		
[total]	165.8546	192.9613	449.1841	
ANSWERING_GRADE				
Α		106.2012		
В		86.7601		
[total]	165.8546	192.9613	449.1841	
TIME_TO_PROPOSAL				
mean	23.833	26.5267	24.2882	
std. dev.	5.4611	9.4187	3.789	
EMPLOYMENT_UNIT_CLASS				
NO_EDUCATION_RESEARCH	136.592	95.345	372.063	
EDUCATION_RESEARCH	29.2626	97.6163	77.1211	
[total]	165.8546	192.9613	449.1841	
DALEY_YEAR				
mean		1.1059	0	
std. dev.	0.2211	0.8564	0	
DELAY				
DELAY	15.8249	157.1751	1	

## 附录2: 贝叶斯分类结果

```
=== Run information ===
              weka.classifiers.bayes.BayesNet -D -Q
weka.classifiers.bayes.net.search.local.K2 -- -P 1 -S BAYES -E
weka.classifiers.bayes.net.estimate.SimpleEstimator -- -A 0.5
Relation:
              802_ENGLISH_XLS1re
Instances:
              802
Attributes:
             34
. . . . . .
Test mode:
             10-fold cross-validation
=== Classifier model (full training set) ===
Bayes Network Classifier
not using ADTree
#attributes=34 #classindex=31
Network structure (nodes followed by parents)
YEAR_IN(1): EMPLOYMENT_UNIT_CLASS
RECRUITING_WAY(5): EMPLOYMENT_UNIT_CLASS
STYPE(3): EMPLOYMENT_UNIT_CLASS
MAJOR(6): EMPLOYMENT_UNIT_CLASS
NATION(2): EMPLOYMENT_UNIT_CLASS
SEX(2): EMPLOYMENT_UNIT_CLASS
SAGE_IN(2): EMPLOYMENT_UNIT_CLASS
CPP_MEMBER(2): EMPLOYMENT_UNIT_CLASS
INTERVIEW_SCORE_01(1): EMPLOYMENT_UNIT_CLASS
INTERVIEW_SCORE_CLASS(4): EMPLOYMENT_UNIT_CLASS
985_211(3): EMPLOYMENT_UNIT_CLASS
SAGE_OUT(2): EMPLOYMENT_UNIT_CLASS
CONTINUOUS_EDUCATION(2): EMPLOYMENT_UNIT_CLASS
```

CHANGE\_MAJOR(2): EMPLOYMENT\_UNIT\_CLASS TAGE\_SIN(1): EMPLOYMENT\_UNIT\_CLASS TCPP\_MEMBER(2): EMPLOYMENT\_UNIT\_CLASS TTITLE(3): EMPLOYMENT\_UNIT\_CLASS TDUTY(2): EMPLOYMENT\_UNIT\_CLASS EXPERT(2): EMPLOYMENT\_UNIT\_CLASS CREDIT(3): EMPLOYMENT\_UNIT\_CLASS GPA(2): EMPLOYMENT\_UNIT\_CLASS GPA\_CLASS(4): EMPLOYMENT\_UNIT\_CLASS GPA\_01(1): EMPLOYMENT\_UNIT\_CLASS GPA\_MAIN(1): EMPLOYMENT\_UNIT\_CLASS GPA\_CLASS\_MAIN(4): EMPLOYMENT\_UNIT\_CLASS GPA\_MAIN\_01(1): EMPLOYMENT\_UNIT\_CLASS PROPOSAL\_GRADE(3): EMPLOYMENT\_UNIT\_CLASS MID\_GRADE(3): EMPLOYMENT\_UNIT\_CLASS JUDGING\_GRADE(2): EMPLOYMENT\_UNIT\_CLASS ANSWERING\_GRADE(2): EMPLOYMENT\_UNIT\_CLASS TIME\_TO\_PROPOSAL(1): EMPLOYMENT\_UNIT\_CLASS EMPLOYMENT\_UNIT\_CLASS(2): DALEY\_YEAR(2): EMPLOYMENT\_UNIT\_CLASS DELAY(2): EMPLOYMENT\_UNIT\_CLASS LogScore Bayes: -16390.47907741949 LogScore BDeu: -16519.331041720074 LogScore MDL: -16528.285518975586 LogScore ENTROPY: -16224.02207731766 LogScore AIC: -16315.02207731766 Time taken to build model: 0 seconds === Stratified cross-validation === === Summary === Correctly Classified Instances 603 75.187 % Incorrectly Classified Instances 199 24.813 % Kappa statistic 0.3339 Mean absolute error 0.2683 Root mean squared error 0.4803 Relative absolute error 71.3496 % Root relative squared error 110.8278 % Total Number of Instances 802 === Detailed Accuracy By Class === TP Rate FP Rate Precision Recall F-Measure MCC ROC Area PRC Area Class 0.839 0.507 0.832 0.839 0.835 0.334 0.672 0.822 NO\_EDUCATION\_RESEARCH 0.499 0.493 0.161 0.505 0.493 0.334 0.672 0.439 EDUCATION\_RESEARCH Weighted Avg. 0.752 0.421 0.752 0.751 0.334 0.750 0.672 0.726 === Confusion Matrix ===

```
a b <-- classified as
504 97 | a = NO_EDUCATION_RESEARCH
102 99 | b = EDUCATION_RESEARCH</pre>
```

#### 但是.....贝叶斯的结果真的要多简洁有多简洁/滑稽

# 附录3: J48分类结果

```
=== Run information ===
              weka.classifiers.trees.J48 -C 0.25 -M 2
Scheme:
Relation:
              802_ENGLISH_XLS1re
Instances:
              802
Attributes:
              34
              YEAR_IN
              RECRUITING_WAY
              STYPE
              MAJOR
              NATION
              SEX
              SAGE_IN
              CPP_MEMBER
              INTERVIEW_SCORE_01
              INTERVIEW_SCORE_CLASS
              985_211
              SAGE_OUT
              CONTINUOUS_EDUCATION
              CHANGE_MAJOR
              TAGE_SIN
              TCPP_MEMBER
              TTITLE
              TDUTY
              EXPERT
              CREDIT
              GPA
              GPA_CLASS
              GPA_01
              GPA_MAIN
              GPA_CLASS_MAIN
              GPA_MAIN_01
              PROPOSAL_GRADE
              MID_GRADE
              JUDGING_GRADE
              ANSWERING_GRADE
              TIME_TO_PROPOSAL
              EMPLOYMENT_UNIT_CLASS
              DALEY_YEAR
```

DELAY

```
Test mode: 10-fold cross-validation
=== Classifier model (full training set) ===
J48 pruned tree
CREDIT <= 9
   JUDGING\_GRADE = B
       CHANGE_MAJOR = UNCHANGED: NO_EDUCATION_RESEARCH (5.0/1.0)
       CHANGE\_MAJOR = CHANGED
           PROPOSAL\_GRADE = B
               ANSWERING\_GRADE = A
                   TCPP_MEMBER = TCPP: NO_EDUCATION_RESEARCH (4.0/1.0)
                   TCPP_MEMBER = NOTCPP: EDUCATION_RESEARCH (5.0/1.0)
               ANSWERING_GRADE = B: EDUCATION_RESEARCH (4.0)
           PROPOSAL\_GRADE = A
               CPP_MEMBER = NOCPP: NO_EDUCATION_RESEARCH (5.0/2.0)
               CPP MEMBER = CPP
           TDUTY = DUTYIN
                       SAGE_OUT <= 32: EDUCATION_RESEARCH (4.0/1.0)
                   SAGE_OUT > 32: NO_EDUCATION_RESEARCH (2.0)
                   TDUTY = DUTYFREE: EDUCATION_RESEARCH (7.0)
           PROPOSAL_GRADE = C: NO_EDUCATION_RESEARCH (5.0/1.0)
   JUDGING_GRADE = A: EDUCATION_RESEARCH (17.0/1.0)
CREDIT > 9
   DELAY = DELAY
       985_211 = 9_8_5
           TIME_TO_PROPOSAL <= 31
               MAJOR = CA
                   GPA_CLASS = B: EDUCATION_RESEARCH (9.0/1.0)
            GPA\_CLASS = A
               JUDGING\_GRADE = B
                           INTERVIEW_SCORE_01 <= -0.089143:</pre>
              EDUCATION_RESEARCH (2.0)
       INTERVIEW_SCORE_01 > -0.089143:
NO_EDUCATION_RESEARCH (4.0)
           JUDGING_GRADE = A: EDUCATION_RESEARCH (4.0)
                   GPA\_CLASS = D
              SAGE_IN <= 24: EDUCATION_RESEARCH (3.0/1.0)
                       SAGE_IN > 24: NO_EDUCATION_RESEARCH (3.0)
               GPA\_CLASS = C
                       YEAR_IN <= 2010: NO_EDUCATION_RESEARCH (2.0)
                   YEAR_IN > 2010: EDUCATION_RESEARCH (4.0/1.0)
               MAJOR = CAT
                   CPP_MEMBER = NOCPP: NO_EDUCATION_RESEARCH (5.0)
                   CPP_MEMBER = CPP: EDUCATION_RESEARCH (13.0/3.0)
               MAJOR = CST: EDUCATION_RESEARCH (5.0/2.0)
               MAJOR = IS: NO_EDUCATION_RESEARCH (3.0/1.0)
               MAJOR = CT: NO_EDUCATION_RESEARCH (1.0)
               MAJOR = SE: EDUCATION_RESEARCH (0.0)
           TIME_TO_PROPOSAL > 31: NO_EDUCATION_RESEARCH (16.0/2.0)
       985_211 = 0THER
           CHANGE_MAJOR = UNCHANGED: NO_EDUCATION_RESEARCH (12.0)
```

```
CHANGE\_MAJOR = CHANGED
               TAGE_SIN <= 39: EDUCATION_RESEARCH (2.0)
               TAGE_SIN > 39: NO_EDUCATION_RESEARCH (3.0)
       985_211 = 2_1_1
           INTERVIEW_SCORE_CLASS = B: EDUCATION_RESEARCH (11.0/4.0)
           INTERVIEW_SCORE_CLASS = D: NO_EDUCATION_RESEARCH (12.0/1.0)
           INTERVIEW_SCORE_CLASS = C: NO_EDUCATION_RESEARCH (3.0)
           INTERVIEW_SCORE_CLASS = A: EDUCATION_RESEARCH (2.0)
   DELAY = UNDELAY
       STYPE = DOCTOR
           MID_GRADE = B: NO_EDUCATION_RESEARCH (4.0)
           MID\_GRADE = A
               TTITLE = SENIOR
                   GPA\_CLASS = B
                      SAGE_OUT <= 27
                          SEX = MALE: EDUCATION_RESEARCH (5.0)
                      SEX = FEMALE: NO_EDUCATION_RESEARCH
(3.0/1.0)
                      SAGE_OUT > 27: NO_EDUCATION_RESEARCH (3.0)
                   GPA\_CLASS = A
                      TDUTY = DUTYIN
                          INTERVIEW_SCORE_01 <= -0.572356:</pre>
                       EDUCATION_RESEARCH (3.0)
           INTERVIEW_SCORE_01 > -0.572356:
       NO_EDUCATION_RESEARCH (2.0)
                      TDUTY = DUTYFREE: EDUCATION_RESEARCH (5.0)
                   GPA\_CLASS = D
                      CREDIT <= 35.5: EDUCATION_RESEARCH (2.0)
                      CREDIT > 35.5: NO_EDUCATION_RESEARCH (4.0)
                   GPA_CLASS = C: NO_EDUCATION_RESEARCH (8.0/1.0)
               TTITLE = SUBSENIOR: EDUCATION_RESEARCH (3.0)
               TTITLE = OTHER: EDUCATION_RESEARCH (0.0)
           MID_GRADE = C: NO_EDUCATION_RESEARCH (0.0)
       STYPE = MASTER: NO_EDUCATION_RESEARCH (443.0/66.0)
       STYPE = MASTER_SPECIALIZED
           JUDGING\_GRADE = B
               TIME_TO_PROPOSAL <= 24
                   RECRUITING_WAY = MASTER_DOCTOR:
           NO_EDUCATION_RESEARCH (0.0)
  RECRUITING_WAY = COMMON_EXAM: NO_EDUCATION_RESEARCH
             (0.0)
                   RECRUITING_WAY = UNIFIED_EXAM
                      NATION = HAN
                          TTITLE = SENIOR
                      | GPA <= 75.46: EDUCATION_RESEARCH (4.0)
                     | GPA > 75.46: NO_EDUCATION_RESEARCH
(11.0/1.0)
                          TTITLE = SUBSENIOR
                     CHANGE_MAJOR = UNCHANGED:
           EDUCATION_RESEARCH (4.0)
  CHANGE_MAJOR = CHANGED:
NO_EDUCATION_RESEARCH (2.0)
TTITLE = OTHER: NO_EDUCATION_RESEARCH
(8.0/1.0)
```

I I I I NATTON O	THER. NO EDUCATION RECEARCH (2.0)
	THER: NO_EDUCATION_RESEARCH (2.0) = EXAM_FREE: NO_EDUCATION_RESEARCH
(8.0)	= LAAM_I KEL. NO_LDOCATION_KESLAKCII
	= BACHELOR_DOCTOR:
NO_EDUCATION_RESEARCH (0.0)	
TIME_TO_PROPOSAL >	24: NO_EDUCATION_RESEARCH (38.0/1.0)
JUDGING_GRADE = A	
ANSWERING_GRADE = A	A: NO_EDUCATION_RESEARCH (37.0/6.0)
ANSWERING_GRADE =	
	= B: NO_EDUCATION_RESEARCH (7.0/1.0)
PROPOSAL_GRADE	
	= CA: EDUCATION_RESEARCH (0.0) = CAT: EDUCATION_RESEARCH (0.0)
	= CAT: EDUCATION_RESEARCH (0.0)
	= IS: EDUCATION_RESEARCH (0.0)
	= CT: EDUCATION_RESEARCH (11.0/2.0)
	ITLE = SENIOR: NO_EDUCATION_RESEARCH
(3.0)	
	ITLE = SUBSENIOR: EDUCATION_RESEARCH
(2.0)	TTLE OTHER NO ERHEATTON RECEARCH
	ITLE = OTHER: NO_EDUCATION_RESEARCH
(0.0)             SAGE_OUT >	26: NO_EDUCATION_RESEARCH (2.0)
	= C: NO_EDUCATION_RESEARCH (1.0)
Number of Leaves : 69	
Size of the tree : 112	
Time taken to build model: 0.03 see	conds
Time taken to batta model. 9.85 Sec	Conds
=== Stratified cross-validation ===	=
=== Summary ===	
•	
Correctly Classified Instances	596 74.3142 %
Incorrectly Classified Instances	206 25.6858 %
Kappa statistic	0.2236
K&B Relative Info Score	9426.9747 %
K&B Information Score	76.6847 bits 0.0956
bits/instance	651.4445 bits 0.8123
Class complexity   order 0 bits/instance	651.4445 bits 0.8123
Class complexity   scheme	59601.1647 bits 74.3157
bits/instance	55001.1011 0103 17.5151
Complexity improvement (Sf)	-58949.7202 bits -73.5034
bits/instance	
Mean absolute error	0.3209
Root mean squared error	0.4644
Relative absolute error	85.3476 %
Root relative squared error	107.1615 %
Total Number of Instances	802

=== Detailed Accuracy By Class === TP Rate FP Rate Precision Recall F-Measure MCC ROC Area PRC Area Class 0.889 0.838 0.232 0.889 0.692 0.793 0.563 0.758 NO\_EDUCATION\_RESEARCH 0.111 0.308 0.376 0.232 0.308 0.481 0.563 0.349 EDUCATION\_RESEARCH 0.743 0.722 0.232 Weighted Avg. 0.743 0.546 0.715 0.563 0.656 === Confusion Matrix === b <-- classified as 534 67 |  $a = NO\_EDUCATION\_RESEARCH$ 139 62 | b = EDUCATION\_RESEARCH

## 附录4: 决策树桩分类结果

=== Run information ===

Scheme: weka.classifiers.trees.DecisionStump

Relation: 802\_ENGLISH\_XLS1re

Instances: 802
Attributes: 34

Test mode: 10-fold cross-validation

=== Classifier model (full training set) ===

Decision Stump

Classifications

STYPE = DOCTOR : EDUCATION\_RESEARCH
STYPE != DOCTOR : NO\_EDUCATION\_RESEARCH
STYPE is missing : NO\_EDUCATION\_RESEARCH

Class distributions

STYPE = DOCTOR

STYPE != DOCTOR

STYPE is missing

0.7493765586034913 0.2506234413965087 Time taken to build model: 0 seconds === Stratified cross-validation === === Summary === 74.1895 % Correctly Classified Instances 595 Incorrectly Classified Instances 207 25.8105 % Kappa statistic 0.2522 Mean absolute error 0.3325 Root mean squared error 0.4081 Relative absolute error 88.4299 % Root relative squared error 94.1648 % Total Number of Instances 802 === Detailed Accuracy By Class === TP Rate FP Rate Precision Recall F-Measure MCC ROC Area PRC Area Class 0.869 0.637 0.869 0.835 0.256 0.803 0.639 0.809 NO\_EDUCATION\_RESEARCH 0.414 0.363 0.131 0.480 0.363 0.256 0.639 0.375 EDUCATION\_RESEARCH 0.510 Weighted Avg. 0.742 0.722 0.742 0.729 0.256 0.639 0.700 === Confusion Matrix === <-- classified as 522 79 |  $a = NO\_EDUCATION\_RESEARCH$ 128 73 | b = EDUCATION\_RESEARCH

## 附录5: meta算法分类结果

weka.classifiers.meta.Vote -S 1 -B "weka.classifiers.bayes.BayesNet -D Q weka.classifiers.bayes.net.search.local.K2 -- -P 1 -S BAYES -E
weka.classifiers.bayes.net.estimate.SimpleEstimator -- -A 0.5" -B
"weka.classifiers.bayes.NaiveBayes " -B
"weka.classifiers.trees.DecisionStump " -B "weka.classifiers.trees.J48 C 0.25 -M 2" -R AVG

Time taken to build model: 0.02 seconds

=== Stratified cross-validation ===

	ary ===						
Correctl	v Classi	fied Inst	ances	608		75.8105	%
Incorrectly Classified Instances		194		24.1895 %			
Kappa st	_			0.32	94	_,,,_,,	
Mean absolute error		0.2948					
Root mea	n square	d error		0.42	.58		
Relative absolute error Root relative squared error		78.4196 % 98.2609 %					
							Total Nu
=== Deta	iled Acc	uracy By	Class ===	•			
		TP Rate	FP Rate	Precision	Recall	F-Measure	MCC
ROC Area	PRC Ar	ea Class	5				
		0.859	0.542	0.826	0.859	0.842	0.331
0.668	0.820	NO_E	DUCATION_R	RESEARCH			
		0.458	0.141	0.520	0.458	0.487	0.331
		0.730					
0.668	0.457		ATION_RESE	ARCH			
0.668 Weighted		EDUCA			0.758	0.753	0.331
	Avg.	EDUCA			0.758	0.753	0.331
Weighted 0.668	Avg. 0.729	EDUC <i>A</i> 0.758			0.758	0.753	0.331
Weighted 0.668	Avg. 0.729	EDUCA			0.758	0.753	0.331
Weighted 0.668 === Conf	Avg. 0.729 usion Ma	EDUCA 0.758 utrix ===	0.442		0.758	0.753	0.331
Weighted 0.668 === Conf	Avg. 0.729 usion Ma	EDUCA 0.758 utrix ===	0.442 d as	0.749	0.758	0.753	0.331
Weighted 0.668 === Conf a b 516 85	Avg. 0.729 Jusion Ma c a =	EDUCA 0.758 utrix === classified NO_EDUCA	0.442 d as ATION_RESE	0.749 EARCH	0.758	0.753	0.331
Weighted 0.668 === Conf a b 516 85	Avg. 0.729 Jusion Ma c a =	EDUCA 0.758 utrix === classified NO_EDUCA	0.442 d as	0.749 EARCH	0.758	0.753	0.331