

Reports

Reports on 100% of the corpus

Weka results:

We used LMT:

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	0.000	0.417	0.000	0.000	0.000	-0.417	0.417	0.288	mero
	0.667	0.625	0.545	0.667	0.600	0.044	0.618	0.715	coord
	0.000	0.071	0.000	0.000	0.000	-0.116	0.321	0.166	random
Weighted Avg.	0.353	0.466	0.289	0.353	0.318	-0.120	0.506	0.493	

Examples of correctly and incorrectly classified instances:

- **Correct:**
 - 1) Cat Dog (*Classified as coord, Weka classified as coord*)
 - 2) Lion Cow (*Classified as coord, Weka classified as coord*)
 - 3) Fork Spoon (*Classified as coord, Weka classified as coord*)
 - 4) Table Couch (*Classified as coord, Weka classified as coord*)
 - 5) Cherry Apple (*Classified as coord, Weka classified as coord*)
- **Incorrect:**
 - 1) Celery Carrot (*Classified as coord, Weka classified as mero*)
 - 2) Bag Love (*Classified as random, Weka classified as mero*)
 - 3) Dress Scarf (*Classified as coord, Weka classified as mero*)
 - 4) Box Give (*Classified as random, Weka classified as mero*)
 - 5) Villa Guest (*Classified as mero, Weka classified as coord*)

Reports on 20% of the corpus

Weka results:

We used NaiveBays:

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	0.667	0.286	0.500	0.667	0.571	0.356	0.667	0.767	mero
	0.667	0.250	0.800	0.667	0.727	0.408	0.813	0.790	coord
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	random
Weighted Avg.	0.700	0.236	0.730	0.700	0.708	0.452	0.788	0.804	

Examples of correctly and incorrectly classified instances:

- **Correct:**
 - 1) Bag Box (*Classified as coord, Weka classified as coord*)
 - 2) Cat Dog (*Classified as coord, Weka classified as coord*)
 - 3) Horse Zebra (*Classified as coord, Weka classified as coord*)
 - 4) Fork Spoon (*Classified as coord, Weka classified as coord*)
 - 5) Lion Cow (*Classified as coord, Weka classified as coord*)
- **Incorrect:**
 - 1) Villa Guest (*Classified as mero, Weka classified as coord*)
 - 2) Bag Key (*Classified as mero, Weka classified as coord*)
 - 3) Desk Wood (*Classified as mero, Weka classified as coord*)
 - 4) Box Give (*Classified as random, Weka classified as coord*)

Statistics

Step 0

```
Map input records=472764897
Map output records=803030694
Map output bytes=6227315559
Combine input records=803030694
Combine output records=6155749
Reduce input records=6155749
Reduce output records=6155474
```

Step CreateHFW

```
Map input records=6155474
Map output records=8299
Map output bytes=153958
Combine input records=8299
Combine output records=8299
Reduce input records=8299
Reduce output records=8299
```

Step CreateHooksTarget

```
Map input records=6155474
Map output records=38592
Map output bytes=691232
Combine input records=0
Combine output records=0
Reduce input records=38592
Reduce output records=38592
```

Step 1

```
Map input records=259274181
Map output records=259274181
Map output bytes=9683012537
Combine input records=0
Combine output records=0
Reduce input records=259274181
Reduce output records=362697
```

Step 2

```
Map input records=362697
Map output records=362697
Map output bytes=54861576
Combine input records=0
Combine output records=0
Reduce input records=362697
Reduce output records=6938
```

Step 21

```
Map input records=6938
Map output records=2750050
Map output bytes=85957415
Combine input records=0
Combine output records=0
Reduce input records=2750050
Reduce output records=289287
```