

Polarity evaluation on layer 1 of mlsa data

Total number of sentences: 270

Counts total	+	-	0
Gold (mlsa):	69	110	91
Standard:	144	104	22
Standard 0.3 = 0	122	88	60
No Shifter:	137	109	24
No Shifter 0.3=0:	119	94	57
Negation only:	140	107	23
Negation only 0.3	118	92	60

Goldstandard

Standard bachelor system config

Standard config, but sentence-polarity values of 0.3 and below are counted as 0 instead of + or -.

Standard with empty shifter lexicon

Standard but negations only in shifter lexicon

System	Acc	"+"			"-"			"0"			Average		
		P	R	F	P	R	F	P	R	F	P	R	F
Standard	49.63%	39.58%	82.61%	53.52%	63.46%	60.00%	61.68%	50.00%	12.09%	19.47%	51.01%	51.57%	51.29%
Standard 0.3 = 0	50.37%	41.80%	73.91%	53.40%	67.05%	53.64%	59.60%	43.33%	28.57%	34.44%	50.73%	52.04%	51.38%
No Shifter	48.89%	39.41%	78.26%	52.43%	59.60%	59.09%	59.36%	54.17%	14.29%	22.61%	51.06%	50.55%	50.80%
No Shifter 0.3=0:	49.63%	42.02%	72.46%	53.19%	62.77%	53.64%	57.84%	43.86%	27.47%	33.78%	49.55%	51.19%	50.36%
Negation only	49.26%	39.29%	79.71%	52.63%	61.68%	60.00%	60.83%	52.17%	13.19%	21.05%	51.05%	50.97%	51.01%
Negation only 0.3=0	50.37%	41.53%	71.01%	52.41%	65.22%	54.55%	59.41%	45.00%	29.67%	35.76%	50.58%	51.74%	51.16%
All Negative Baseline:	40.74%	0.00%	0.00%	0.00%	40.74%	100.00%	57.89%	0.00%	0.00%	0.00%	13.58%	33.33%	19.30%

Evaluation with mlsa SE-lexicon:

Counts total	+	-	0
Gold (mlsa):	69	110	91
Standard:	123	130	17
Standard 0.3 = 0	108	112	50
Standard 0.6 = 0	89	80	101
No Shifter:	121	129	20
No Shifter 0.3=0:	105	115	50
Negation only:	123	131	16
Negation only 0.3	109	117	44
All polarity values 1.0	114	110	46

Goldstandard

Standard bachelor system config

Standard config, but sentence-polarity values of 0.3 and below are counted as 0 instead of + or -.

Standard with empty shifter lexicon

Standard but negations only in shifter lexicon

System	Acc	"+"			"-"			"0"			Average		
		P	R	F	P	R	F	P	R	F	P	R	F
Standard	52.96%	45.53%	81.16%	58.33%	62.31%	73.64%	67.50%	35.29%	6.59%	11.11%	47.71%	53.80%	50.57%
Standard 0.3 = 0	52.96%	47.22%	73.91%	57.63%	66.07%	67.27%	66.67%	36.00%	19.78%	25.53%	49.76%	53.66%	51.64%
Standard 0.6 = 0	55.93%	49.48%	69.57%	57.83%	73.91%	61.82%	67.33%	43.21%	38.46%	40.70%	55.54%	56.61%	56.07%
Standard 0.7 = 0	54.81%	49.44%	63.77%	55.70%	76.25%	55.45%	64.21%	42.57%	47.25%	44.79%	56.09%	55.49%	55.79%
No Shifter	52.22%	42.98%	75.36%	54.74%	62.79%	73.64%	67.78%	40.00%	8.79%	14.41%	48.59%	52.60%	50.51%
No Shifter 0.3=0:	53.33%	44.76%	68.12%	54.02%	66.96%	70.00%	68.44%	40.00%	21.98%	28.37%	50.57%	53.36%	51.93%
Negation only	53.70%	45.53%	81.16%	58.33%	62.60%	74.55%	68.05%	43.75%	7.69%	13.08%	50.62%	54.47%	52.47%
Negation only 0.3=0	53.70%	46.79%	73.91%	57.30%	65.81%	70.00%	67.84%	38.64%	18.68%	25.19%	50.41%	54.20%	52.24%
All Negative Baseline:	40.74%	0.00%	0.00%	0.00%	40.74%	100.00%	57.89%	0.00%	0.00%	0.00%	13.58%	33.33%	19.30%
All polarity values 1.0	52.96%	45.61%	75.36%	56.83%	67.27%	67.27%	67.27%	36.96%	18.68%	24.82%	49.95%	53.77%	51.79%