

<b>Module:</b>	Standard	Baseline_window	Baseline_one_rule
<b>Modi:</b>	Preset SE	Lexicon	
	Normalisierung	Keine Normalisierung	
	POS lookup sentiment	Kein POS lookup sentiment	
	POS lookup shifter	Kein POS lookup shifter	
	POS lookup beides	Kein POS lookup	
<b>Optional:</b>	Breitensuche	Tiefensuche	Keine Scope Expansion

#### Preset SE based evaluation

All: Preset SE, Normalisierung, POS lookup

All	1.0 Standard	1.1 Baseline_window4	1.2 Baseline_one_rule	1.3 Baselines combined
F_SE	100	100	100	65.24 **
Precision Shifter (SE/overall)	66.16	44	31.05	42 / 27.58
Recall Shifter (SE/overall)	<b>48.88</b>	29.9	40.67	55.47 / 54.85
F-Score Shifter (SE/overall)	<b>56.22</b>	35.56	35.22	47.80 / 36.70

# POS-lookup spielt keine Rolle bei preset-se

\*\*\* duplicate SE\_ids

Preset\_no\_normalize: Preset SE, No Normalization, POS lookup

Preset_no_normalize	2.0 Standard	2.1 Baseline_window	2.2 Baseline_one_rule
F_SE	100	100	100
Precision Shifter	<b>73.21</b>	45.71	31.43
Recall Shifter	30.6	29.85	36.94
F-Score Shifter	43.16	36.12	33.96

# Normalization helps (doesn't help baselines though)

#### Lexicon based evaluation

Lexicon\_standard: Lexicon, Normalisierung, POS lookup

Lexicon_standard	3.0 Standard	3.1 Baseline_window	3.2 Baseline_one_rule	3.3 Baselines combined
F_SE	55.46	55.46	55.46	36.57 **
Precision (SE/overall)	60.74 / 38.86	36.59 / 19.48	31.39 / 17.63	
Recall (SE/overall)	54.67 / 30.60	30 / 16.79	46.67 / 26.12	
F-Score (SE/overall)	57.54 / 34.24	32.97 / 18.04	37.53 / 21.05	56.51 / 19.87

Lexicon\_no\_POS: Lexicon, Normalization, No POS lookup

Preset_no_POS	4.0 Standard	4.1 Baseline_window	4.2 Baseline_one_rule
F_SE	55.54	55.54	55.54
Precision Shifter	60.74 / 38.68	36.51 / 19.33	30.4 / 17.12
Recall Shifter	54.67 / 30.60	30.67 / 17.16	46 / 25.75
F-Score Shifter	57.54 / 34.17	33.33 / 18.18	36.60 / 20.57

# POS-lookup yields slight improvement

Lexicon\_extended: germanlex\_extended, Normalization, POS lookup

Lexicon_extended	5.0 Standard	5.1 Baseline_window	5.2 Baseline_one_rule	5.3 Baselines combined
F_SE	74.75	74.75	74.75	46.3 **
Precision Shifter	66.67 / 46.33	39.63 / 23.9	30.1 / 19.06	57.27 / 16.58
Recall Shifter	50.85 / 44.78	27.54 / 24.25	39.41 / 34.70	53.85 / 47.01
F-Score Shifter	57.69 / 45.54	32.5 / 24.07	34.13 / 24.60	55.51 / 24.51

# Extending germanlex yields huge SE-improvements

Lexicon_extended	<b>75.52</b>
No POS-lookup	67.03 / <b>46.56</b>
5.0-extra	50.83 / <b>45.52</b>
	57.82 / <b>46.04</b>

## Baseline window evaluation – find the best n

Preset-SE, Normalization

N=1	F-Score Shifter:	14.1
N=2	F-Score Shifter:	30.53
N=3	F-Score Shifter:	35.29
<b>N=4</b>	<b>F-Score Shifter:</b>	<b>35.56</b>
N=5	F-Score Shifter:	34.56
N=6	F-Score Shifter:	33.89