	$ F_1 $	$\mathbf{E}\mathbf{X}$	UAS	NP	PP	VP
German supervised	78.63	44.97	87.51	77.4	85.9	59.3
clusters (full)	79.96	47.35	88.16	79.1	86.7	61.2
clusters (6bit)	79.34	45.91	87.69	78.1	86.4	60.8
clusters (4bit)	78.59	44.53	87.45	77.2	85.6	59.6
clusters (full+6bit)	79.77	46.79	87.96	79.1	86.4	60.9
clust(full+6bit)+Bigram(Raw)	79.95	47.09	88.14	79.1	86.7	61.5
clust(full+6bit)+Bigram(L1)	80.07	47.25	88.12	79.2	86.7	61.8
clust(full+6bit)+Bigram(LL)	79.96	47.19	88.20	79.3	87.0	60.8
Swedish supervised	70.72	16.06	73.32	74.9	66.1	61.5
clusters (full)	74.26	18.90	75.78	77.0	69.7	65.1
clusters (6bit)	74.05	19.72	75.57	77.0	69.6	65.2
clusters (4bit)	72.06	17.89	74.50	76.1	66.9	62.9
clusters (full+6bit)	74.39	20.33	76.06	76.5	69.0	66.4
clust(full+6bit)+Bigram(Raw)	74.46	19.92	76.24	77.4	70.2	66.2
clust(full+6bit)+Bigram(L1)	74.19	20.12	75.82	77.1	70.4	65.7
clust(full+6bit)+Bigram(LL)	74.39	20.33	76.06	76.5	69.0	66.4