

























(Category Pages
W Category:Arsenal F.C. seaso	
	Category:Arsenal F.C. seasons Prom Wikipedia, the free encyclopedia Pages in category "Arsenal F.C. seasons" The following 45 pages are in this category, out of 45 total. This list may not reflect recent changes (learn more). • List of Arsenal F.C. seasons 0-9 • 1889-87 Royal Arsenal F.C. season • 1921-22 Arsenal F.C. season
▼ Congrego Jorgen (Jorgen (Jorgen)) ★ ◆ ○ ▲ Integration and	C C C













































Method	R	Р	F ₁	A _p	A _{cn}	Apn	
Baseline	54.5	88.0	67.3		20.4	53.1	
+SRL	56.3	88.4	68.8	35.6	28.5	49.6	
+WordNet	56.7	87.1	68.6	34.8	26.0	50.5	
+Wikipedia	55.8	87.5	68.1	38.9	21.6	51.7	
(All)	61.0	84.2	70.7	38.9	29.9	51.2	







wsD 89.47% 84.87%
84 87%
04.0770
97.20%
83.12%
87.15%
85.98%
86.37%
84.65%
,

omparison o	t Sense #s	eval word #ex	senses vs. W MFS	LeskC	d senses WSD
Senseval	4.6	226	51.53%	58.33%	68.13%
Wikipedia	3.31	316	72.58%	78.02%	84.65%
dNet synset:	S				









Accuracy: frac	tion of ment	ions for whic	h ranker identif	ies correct di	sambiguatior
Dataset	Baseline	Baseline+ Lexical	Baseline+ Global Unambiguous	Baseline+ Global NER	Baseline+ Global, All Mentions
ACE	94.05		94.56	96.21	96.75
MSNBC News	81.91		84.46	84.04	88.51
AQUAINT	93.19		95.40	94.04	95.91
Wikipedia Test	85.88		89.67	89.59	89.79
			\mathbf{i}	/	



	ombined precision	and recall (F1 sco	vre)
Dataset	Baseline	Baseline+ Lexical	Baseline+ Lexical+ Global
ACE	94.05	96.21	97.83
MSNBC News	81.91	85.10	87.02
AQUAINT	93.19	95.57	94.38
Wikipedia Test	85.88	93.59	94.18


















































Creation and Augmentation of Infoboxes

- Motivation
 - Wikipedia articles may lack or have incomplete infoboxes
 - content from an infobox may contradict content from article
 - similar articles may incorrectly use different infobox templates
- Data source
 - collection of articles from Wikipedia
- Output
 - Wikipedia infoboxes extended with inferred attributes and values























































































Patterns of Web Usage						
Compo	re query patterns ces that are relat	obtained	l by ge	eneraliz	ing from queries	linked t
nstan relativ	ces that are relat vely older movies	ively rece	ent mo	vies; vs	s. Instances that	are
Level	Pattern	Support		Level	Pattern	Support
L1	movie	0.396		L1	movie	0.391
	2011	0.15	VS.		cast	0.096
	trailer	0.103			movies	0.091
	movies	0.095			quotes	0.038
	moviedict: 2011	0.063			$\hat{t}railer$	0.034
	cast	0.053			new	0.027
	new	0.049			2011	0.027
	dvd	0.035			free	0.023
	release	0.032			soundtrack	0.021
	reviews	0.028			watch	0.021
L2	$movie \longrightarrow movie$	0.165		L2	$movie \longrightarrow movie$	0.169
	$2011 \longrightarrow 2011$	0.042			$movies \longrightarrow movies$	0.038
	$movie \longrightarrow 2011$	0.04			$cast \longrightarrow cast$	0.028
	$2011 \longrightarrow movie$	0.038			$movies \longrightarrow movie$	0.025
	$movies \longrightarrow movies$	0.038			$movie \longrightarrow movies$	0.023
	$trailer \longrightarrow trailer$	0.027			$quotes \longrightarrow quotes$	0.019
	$movie \longrightarrow movie \ 2011$	0.026			$movie \longrightarrow cast$	0.018
	$movies \longrightarrow movie$	0.025			$movie \longrightarrow trailer$	0.012
	$movie \longrightarrow trailer$	0.024			$movie \longrightarrow movie cast$	0.011
	movie 2011 \longrightarrow movie	0.023				0.01

















Estimated Utility of Features					
Justin Bieber	expected weights				
 has:awards_won qword=what has:place_of_birth qword=what has:sibling qfocus=name type:person qfocus=name 	• medium • low • low • medium				
Jazmyn Bieber	expected weights				
 has:sibling brother nn qtopic=person gender:female brother nn qtopic=person type:person brother nn qtopic=person 	• high • low • high •				
Jaxon Bieber (is answer)	expected weights				
 has:sibling brother nn qtopic=person gender:male brother nn qtopic=person type:person qword=what nsubj qfocus=name 	• high • high • high •				

