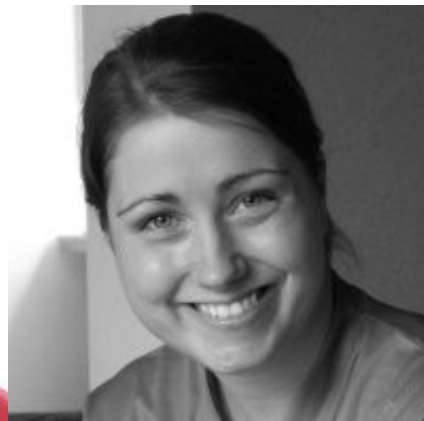




TALN – Universitat Pompeu Fabra
27/11/2013



... Valencia) . A <Barcellona> è intestata a San ...
... un Omaggio a <Barcellona> che fu pubblicato da Serra ...
... la Sinfonica di <Barcellona> il 24 con la ...
... è stato per il <Barcellona> quello che è stato ...
... Valencia - <Barcellona> di campionato ...
... vengono . A <Barcellona> non ha funzionato ...
... 81-65 ; <Barcellona> - Progresso ...
... Comunale di <Barcellona> P.G. - ME ...
... Madrid e <Barcellona> . Nel mirino ...
... Esempi ? « A <Barcellona> ho appena ...
... tutto : il <Barcellona> , negli ultimi ...
... Strino . A <Barcellona> ci arriva ...
... andare a <Barcellona> , una fortuna ...
... " di <Barcellona> . Inizialmente ...
... Italiana . A <Barcellona> (1.700.000 ...
... del <Barcellona> , e poi ...
... con il <Barcellona> il Milan aveva ...
... quale il <Barcellona> veniva informato ...
... con il <Barcellona> . Nunez ha ...
... system a <Barcellona> . Fra gli altri ...
... maglia del <Barcellona> , anzi di ...
... oggi vive a <Barcellona> , a rendere ...
... qualificata : <Barcellona> . Il GRUPPO ...
... c'è il <Barcellona> pass , un ...
... Salone di <Barcellona> è la K coupe ...
... 1.100 . A <Barcellona> il pubblico ...
... 152 . A <Barcellona> : Avda Diagonal ...
... nella <Barcellona> dell ' epoca ...
... Misteri di <Barcellona> . » Lo guardo ...
... regolarmente a <Barcellona> a testare ...



Ceci n'est pas une pipe

1♀

pipe

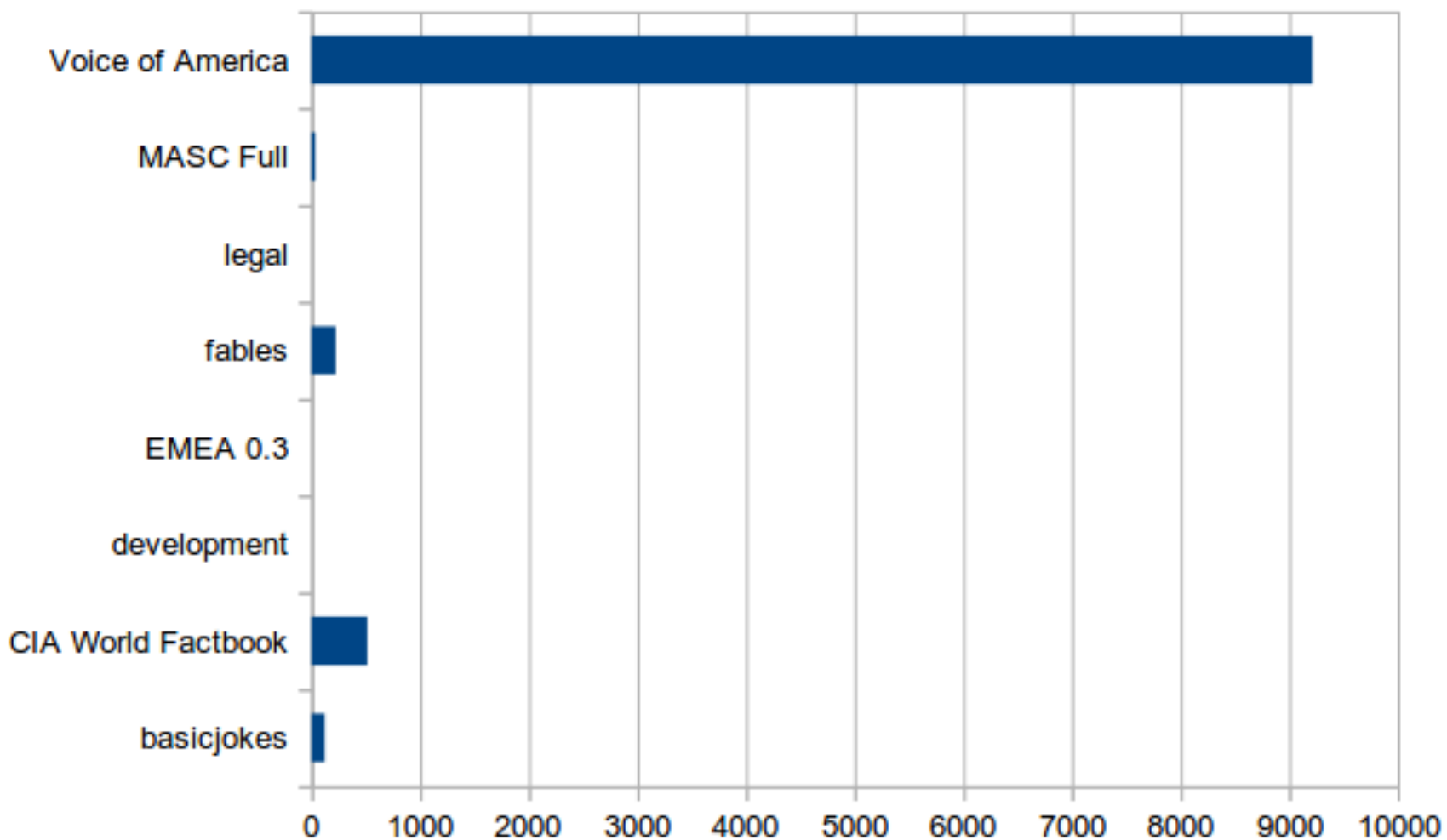
→





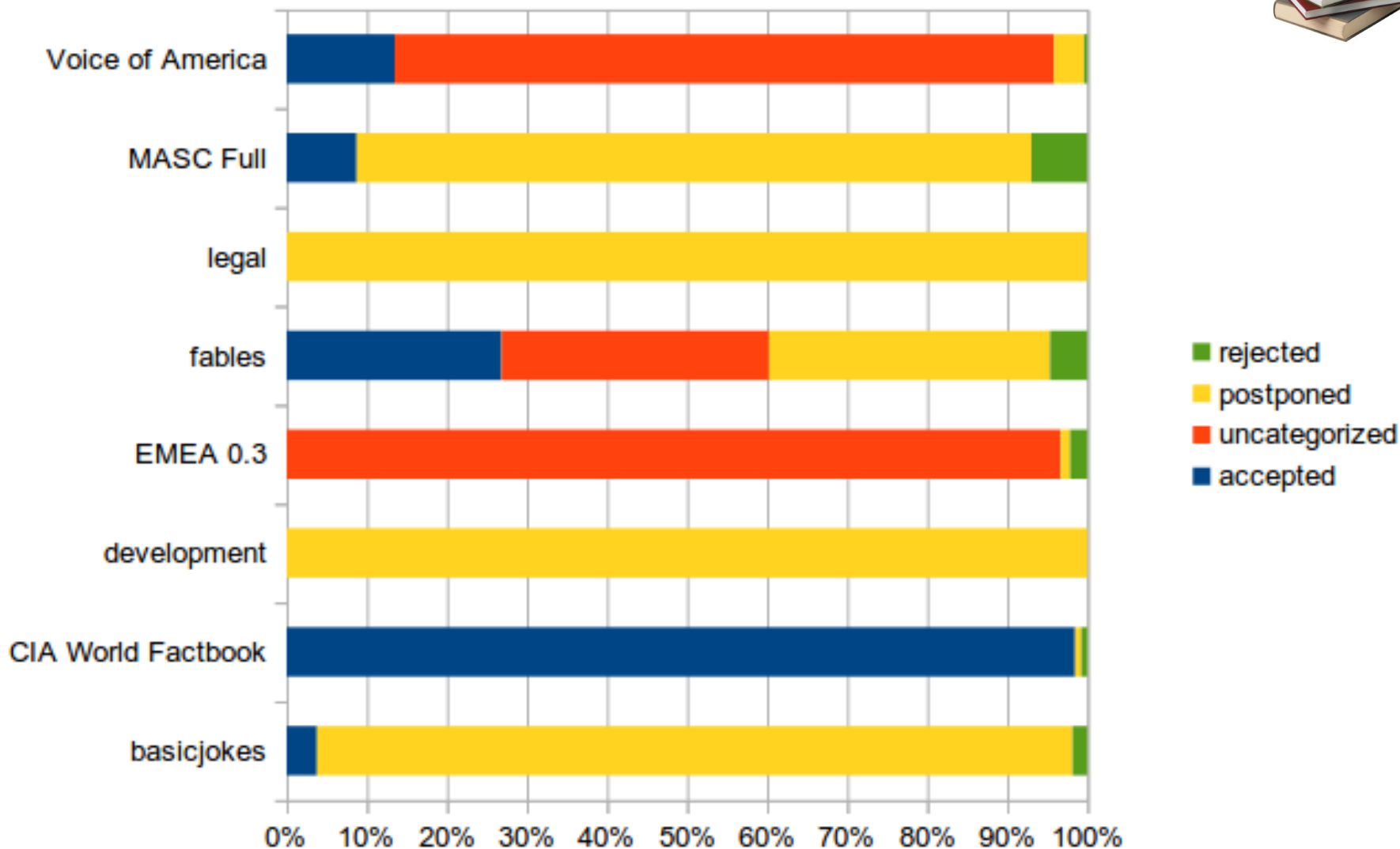


10,110 documents
1,389,408 words



updated 26/11/2013

83% to go

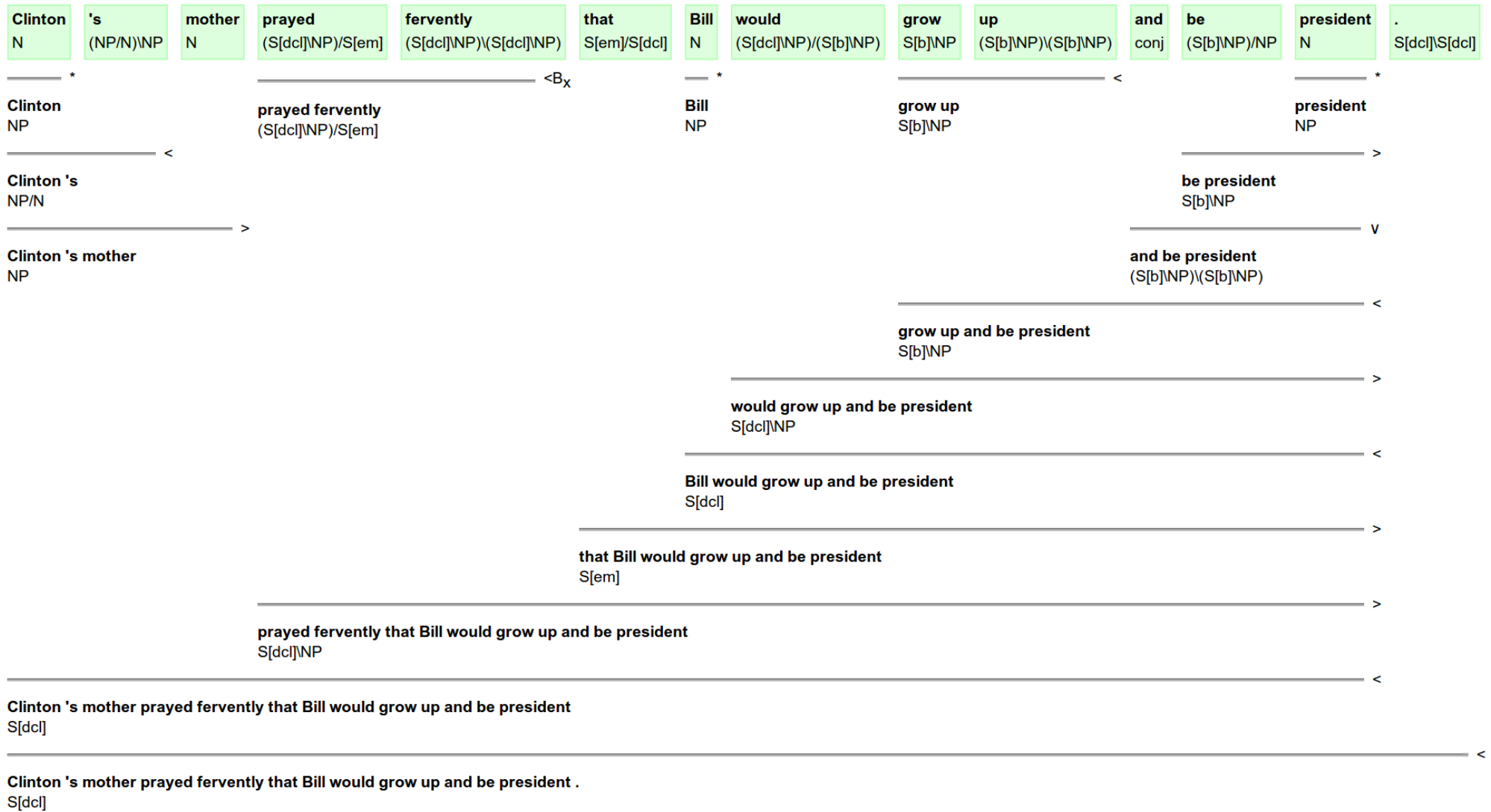




Clinton	's	mother	prayed	fervently	that	Bill	would	grow	up	and	be	president	.
NNP	POS	NN	VBD	RB	IN	NNP	MD	VB	RB	CC	VB	NN	.
clinton	's	mother	pray	fervently	that	bill	would	grow	up	and	be	president	.
Person	O	O	O	O	O	O	O	O	O	O	O	O	O
Human	O	Human	O	O	O	Human	O	O	O	O	O	Non-concrete	O
	of		[Topic,Agent]					[Theme]			[Theme,Agent]		

So	far	,	half	of	her	prayer	has	been	answered	.
RB	RB	,	NN	IN	PRP\$	NN	VBZ	VBN	VCN	.
so	far	,	half	of	her	prayer	have	be	answer	.
O	O	O	O	O	O	O	O	O	O	O
O	O	O	Time	O	Non-concrete	Non-concrete	O	O	O	O
					1003 mother				[Theme,Agent]	

Combinatory Categorical Grammar



Discourse Representation Theory

k0 :

x2 x4 p6 e7 t9 t10

named(x2, clinton, per)

of(x4, x2)

mother(x4)

p6:

k12 :

x14 e16 t9 t17

named(x14, bill, nam)

grow(e16)

Theme(e16, x14)

up(e16)

now(t9)

$e16 \subseteq t17$

$t9 < t17$

k18 :

x14 x20 e21 t22 t23

named(x14, bill, nam)

president(x20)

be(e21)

Agent(e21, x14)

Theme(e21, x20)

now(t22)

$e21 \subseteq t23$

$t22 < t23$

□
continuation(k12,k18)

parallel(k12,k18)

pray(e7)

Agent(e7, x4)

Topic(e7, p6)

now(t9)

$e7 \subseteq t10$

$t10 < t9$

fervently(e7)

k24 :

x26 x4 x28 e29 x30 t31 t9 x32 e33

half(x26)

female(x4)

of(x28, x4)

prayer(x28)

of(x26, x28)

answer(e29)

Theme(e29, x26)

$t31 \supseteq x30$

$e29 \circ t31$

now(t9)

$x32 = t9$

$e33 \supseteq x32$

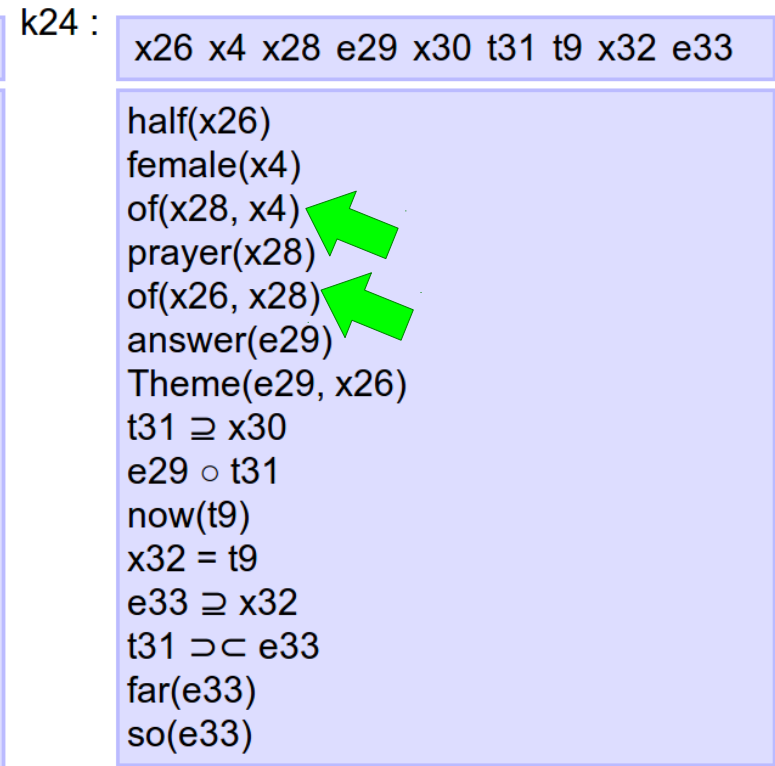
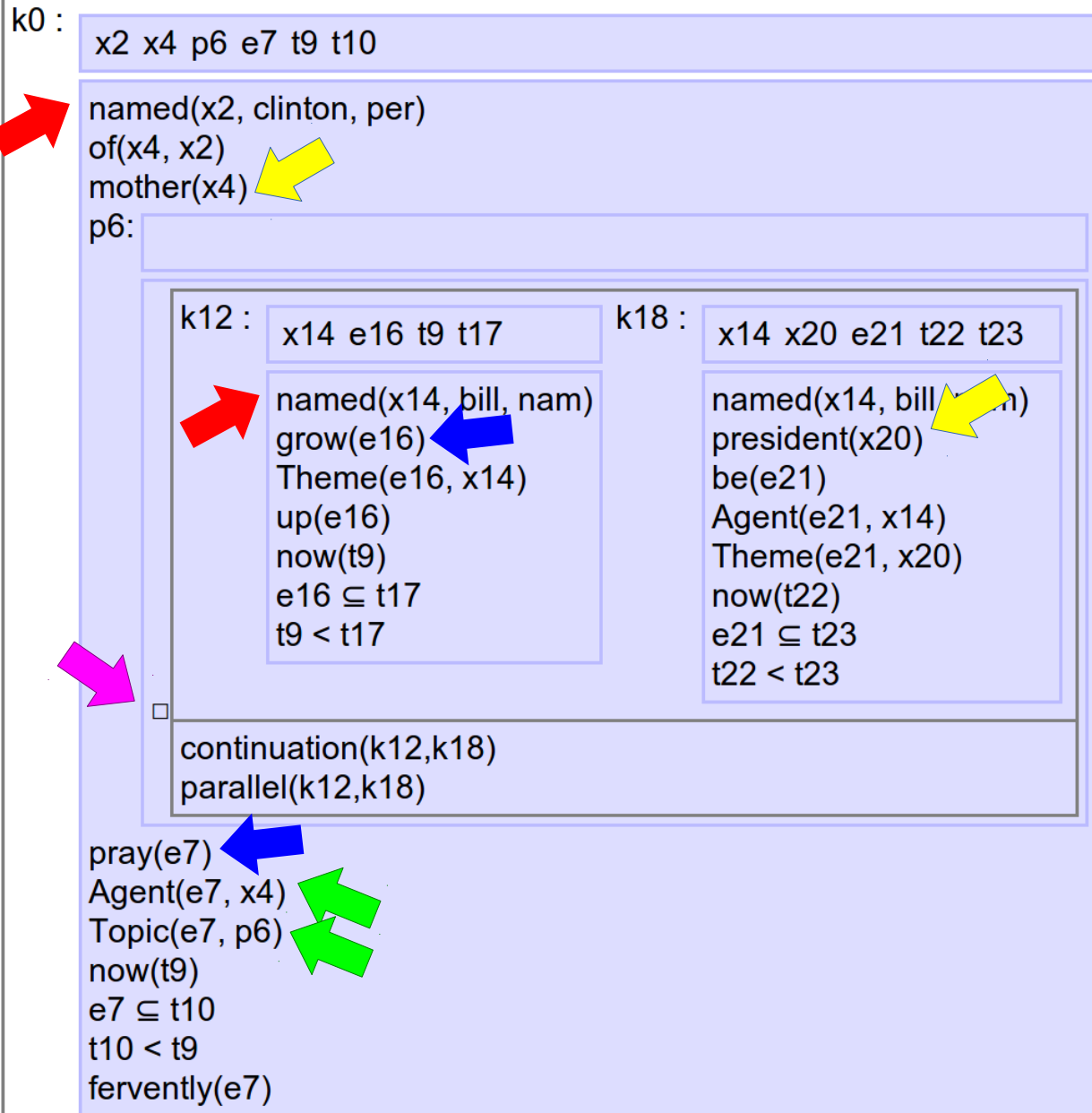
$t31 \supset \subset e33$

far(e33)

so(e33)

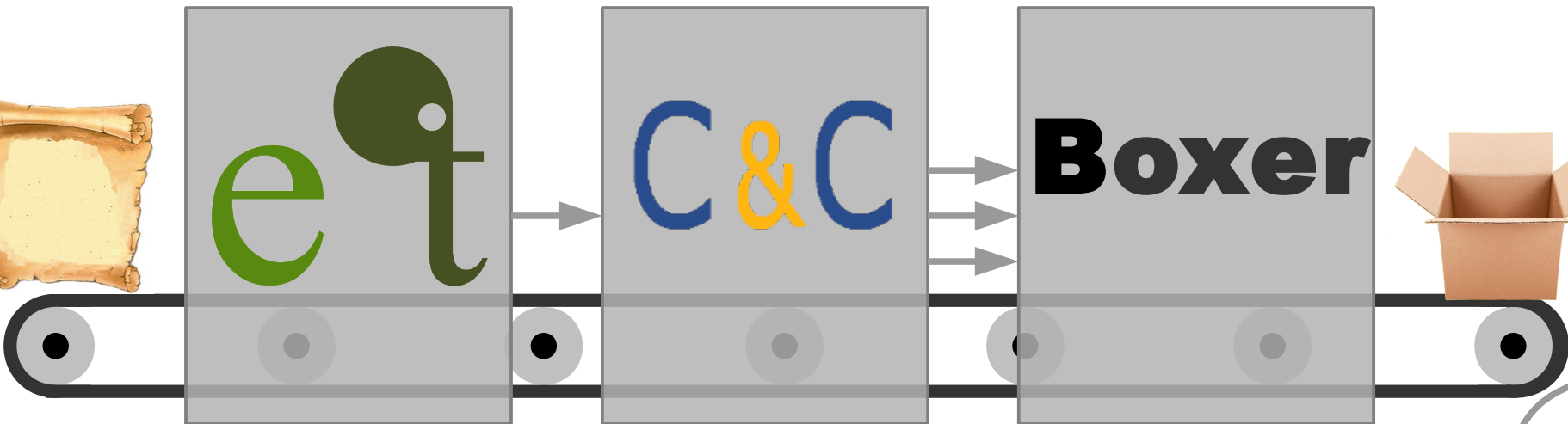
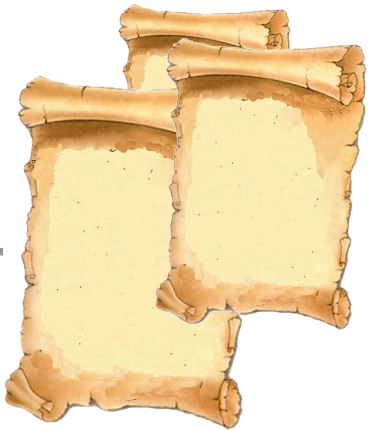
continuation(k0,k24)

Discourse Representation Theory



continuation(k0,k24)





elephant



Kids | in | the | back | seat | cause | accidents | .

S | | | | O | T | | O | T | | | O | T | | | | O | T | | | | | | | | T

Accidents | in | the | back | seat | cause | kids | .

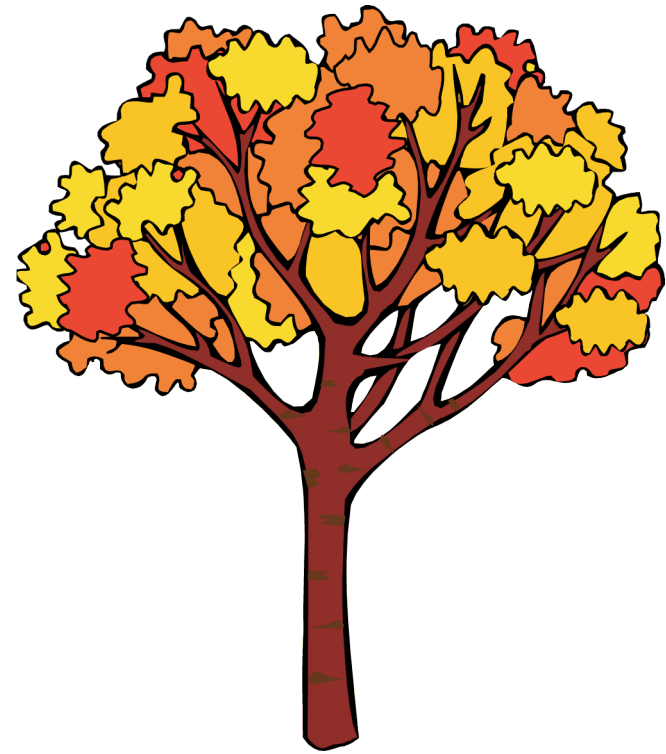
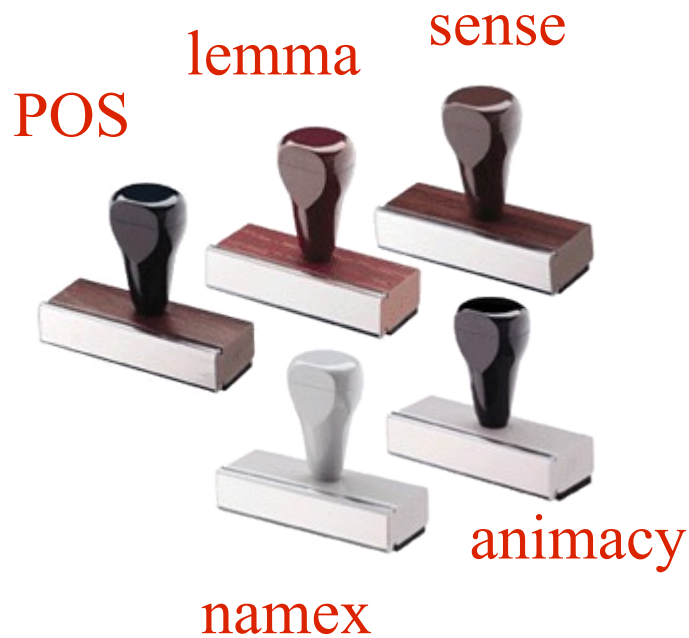
S | | | | | | | | | | O | T | | O | T | | | O | T | | | | O | T | | | | | O | T | | | | T



Kilian Evang, Valerio Basile, Grzegorz Chrupała and Johan Bos (2013)
Elephant: Sequence Labeling for Word and Sentence Segmentation
EMNLP 2013

C & C tools

(Stephen Clark and James R. Curran)



CCG

Boxer

(Johan Bos)



A *customer* *did* *not* *pay* *.*
NP/N N (S\NP)/(S\NP) (S\NP)\(S\NP) S\NP S\S

$k_1:$

$k_2: \neg$

x_1 e_1

customer(x_1)

pay(e_1)

agent(e_1, x_1)





Document 1327 of 2800, ID: 71 / 0201

size: 6 sentences, 111 tokens
last processed: 01 December 2011, 16:49:48

Filter by status:
Filter by subcorpus:
Warnings (slow):

Status: [history](#)

Change to: Comment:

[metadata](#) [raw](#) [tokens](#) [derivation](#) [semantics](#) [0 warnings](#) [2 BOWs](#)

Palestinian officials say security forces are searching for two Fox News journalists abducted in Gaza Monday .
They say authorities are trying to determine who took the two men - an American and a New Zealand national .
New Zealand Prime Minister Helen Clark has sent diplomats to the region to work with Palestinian authorities to secure the journalists ' release .
Press rights group Reporters Without Borders has called for the men 's release .
It says they were doing their jobs and can in no way be held responsible for U.S. policy in the region .
Several foreign nationals have been kidnapped and released in Gaza this year .

Ukraine

- O
- Person
- Organization
- Location
- GPE
- Artifact
- Event
- Natural_Object
- Time

x2

named(x2, ukraine, loc)

says

lv0. lv1. lv2. (v1 @ lv3. (e5 p6 t8 t9 ; (v2 @ e5)))

now(t8)
e5 ⊆ t9
t9 = t8

Himalaya, Amazon Rainforest, Atlantic Ocean, Rhine,
Venus, Milky Way, 742 Evergreen Terrace Springfield, http://
gmb.let.rug.nl, chunkylover53@aol.com, 0629555697...

? wordrobe

play what you mean




Senses Questions left until drawer is completed: 5



The Who is currently touring in support of Endless Wire, its first **album** since 1982.

- one or more recordings issued together – originally released on 12-inch phonograph records (usually with attractive record covers) and later on cassette audiotape and compact disc
- a book of blank pages with pockets or envelopes – for organizing photographs or stamp collections etc

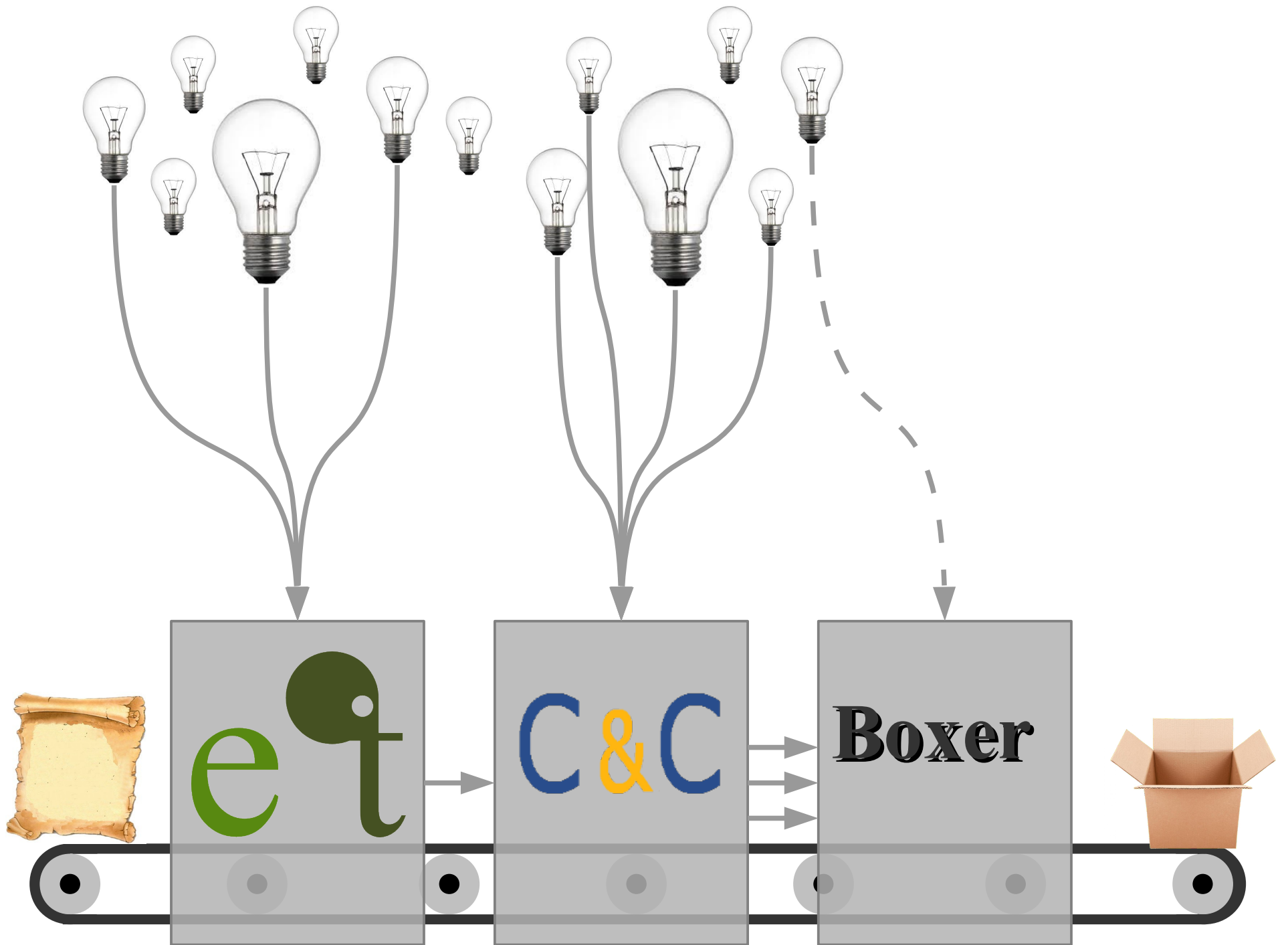
Place your bet: low  high

answer

skip

“Bits of Wisdom”





it's DEMOtime!



<http://gmb.let.rug.nl>



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[Wordrobe](#)

Releases

Here you can download stable releases of the Groningen Meaning Bank.

version	# documents	# tokens	release date	download
2.1.0	8,000	1,020,367	2013-04-10	594 MB ZIP file
2.0.0	4,000	444,153	2012-12-14	275 MB ZIP file
1.1.0	2,000	191,413	2012-04-04	83 MB ZIP file
1.0.0	1,000	82,752	2012-01-19	35 MB ZIP file

Wordrobe

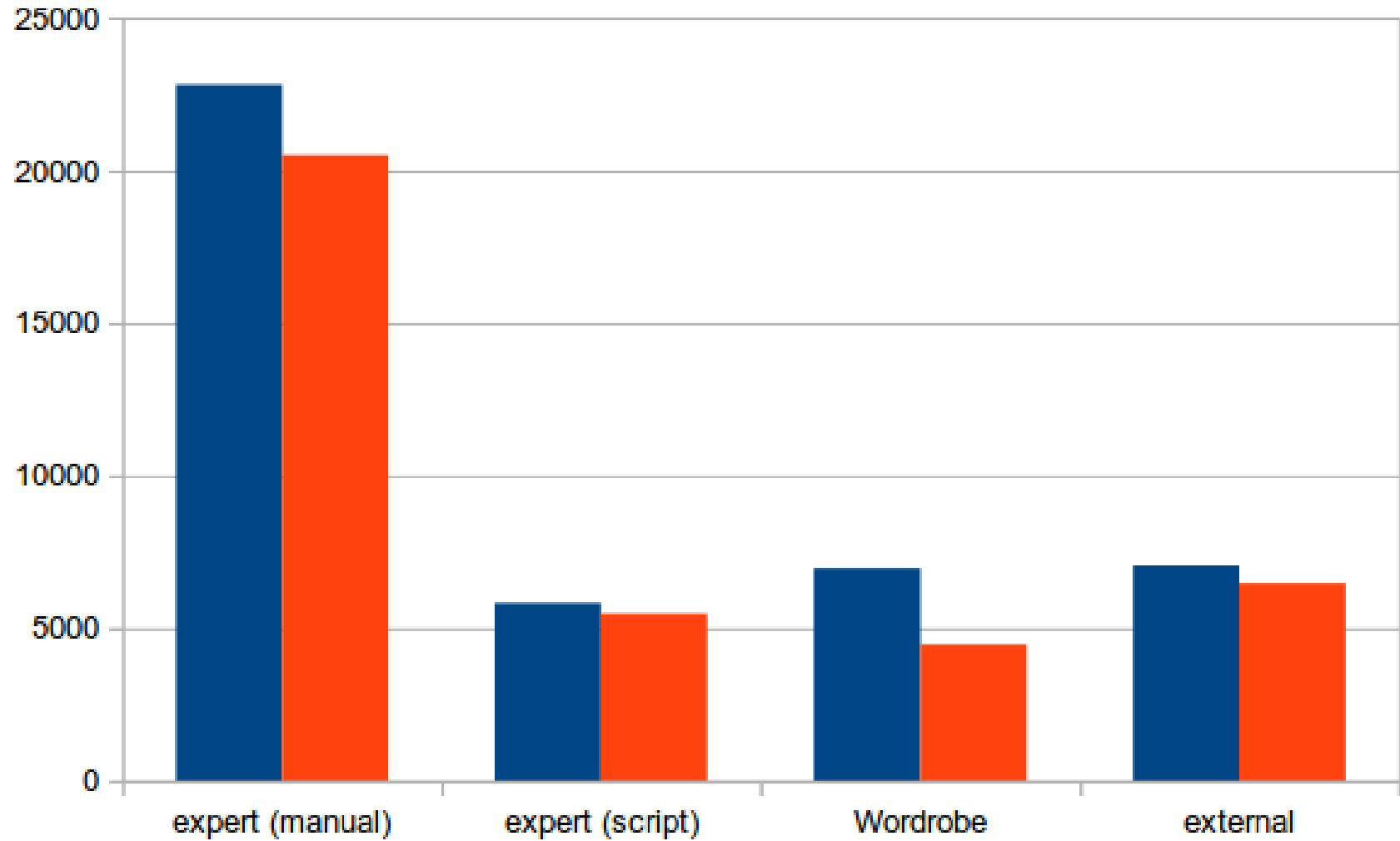
Here you can download the answers files from [Wordrobe](#) games. The format of the data set is explained [here](#)

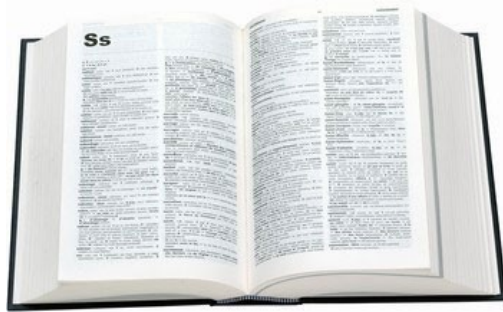
#answers	release date	download
47,401	2013-03-26	1.2 MB gzipped CSV file



Number of BOWs

■ For accepted documents ■ Effective





Semantic Lexicon

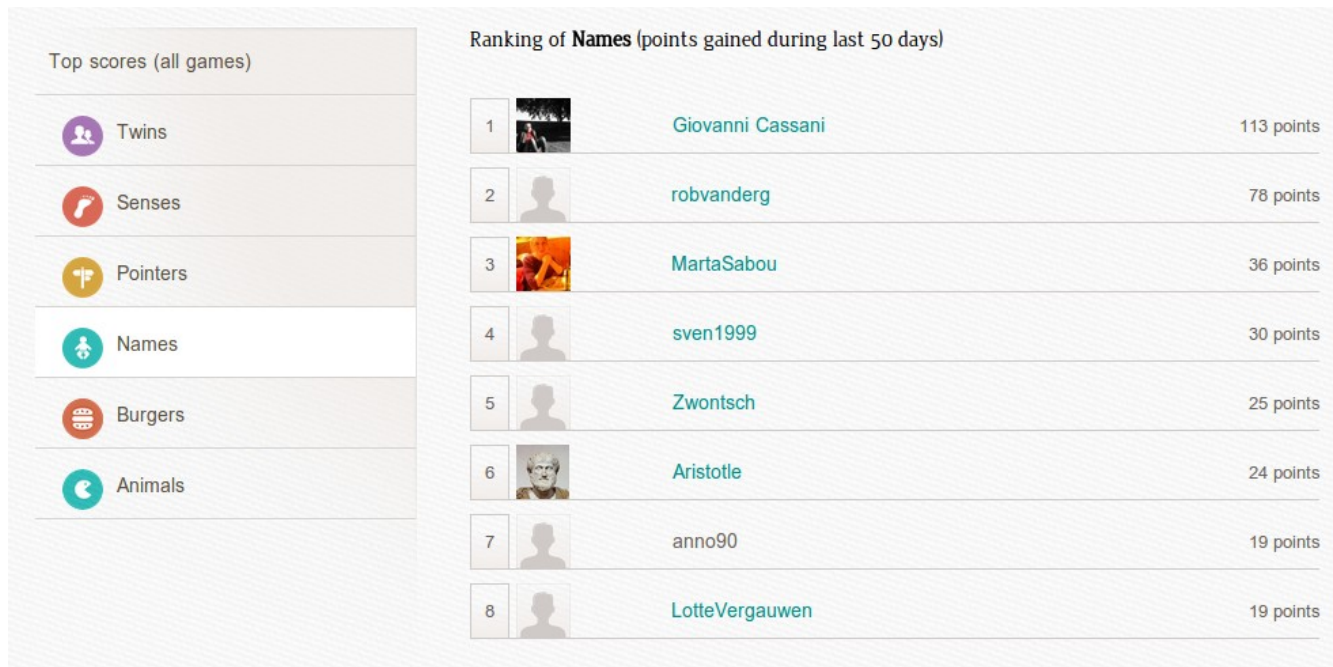
848 entries

Semantic Lexicon Entry Page

sem	$\lambda v0. \lambda v1. ($ <input type="text"/> $); (v0 @ v1))$ <input type="text" value="\$LEMMA(v1)"/>
frequency	76231
cat	N/N (76086) , N\N (145)
pos	JJ (72994) , JJR (1393) , RB (696) , IN (394) , CD (134) , DT (128) , VBD (116) , RBS (70) , RBR (67) , VB (53) , PRP (41) , TO (36) , FW (27) , POS (17) , AS (16) , PRP\$ (13) , CC (12) , # (11) , SO (4) , WDT (3) , RP (3) , VBZ (2) , VBP (1)
ne	O (70795) , Time (3829) , Location (872) , Organization (478) , Person (218) , Event (25) , Artifact (14)
lemma	new (1933) , military (1666) , nuclear (1389) , former (1350) , first (1120) , several (1101) , foreign (1057) , southern (1036) , political (979) , economic (976) , international (896) , recent (744) , last (739) , northern (681) , top (642) , western (636) , human (598) , more (577) , local (548) , presidential (523) , [more]

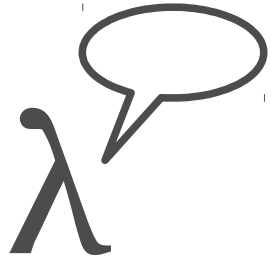
?
wordrobe
play what you mean

7 games
1,290 players
61,217 answers



Noortje Venhuizen, Valerio Basile, Kilian Evang, Johan Bos
Gamification for Word Sense Labeling
IWCS 2013

updated 26/11/2013



unboxer (statistical NLG)

x_1 : A customer

e_1 : x_1 did not pay .

k_2 : e_1

e_1 : A customer did not pay .

k_2 : A customer did not pay .

