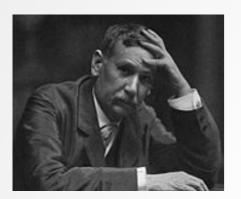
Galdós



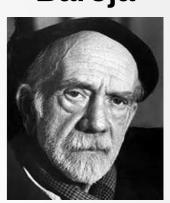
Bazán



Ibañez

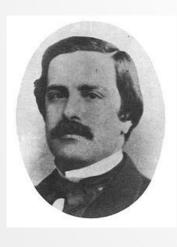


Baroja



# The Librarian "Amigo"

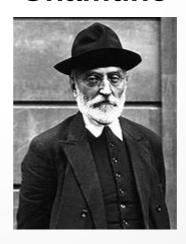
**Valera** 



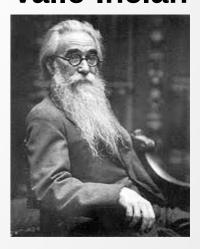
Clarín



**Unamuno** 

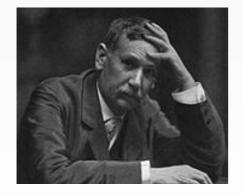


Valle-Inclán



# The librarian hopes to

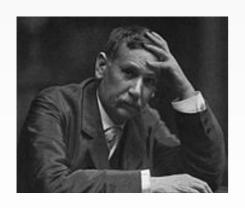
Identify author





## The librarian hopes to

Identify author





 Identify main topics (clustering)



#### Resources

Public Domain spanish literature

gutenberg.org: text files

- ataun.net: pdf files

#### Resources

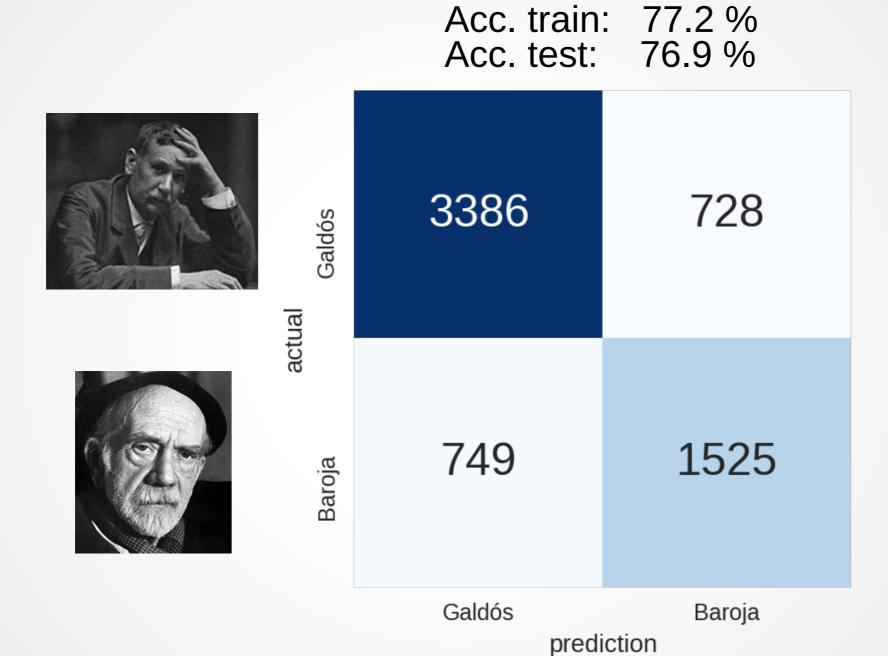
Public Domain spanish literature

gutenberg.org: text files

ataun.net: pdf files

214 Books ~ 45000 fragments

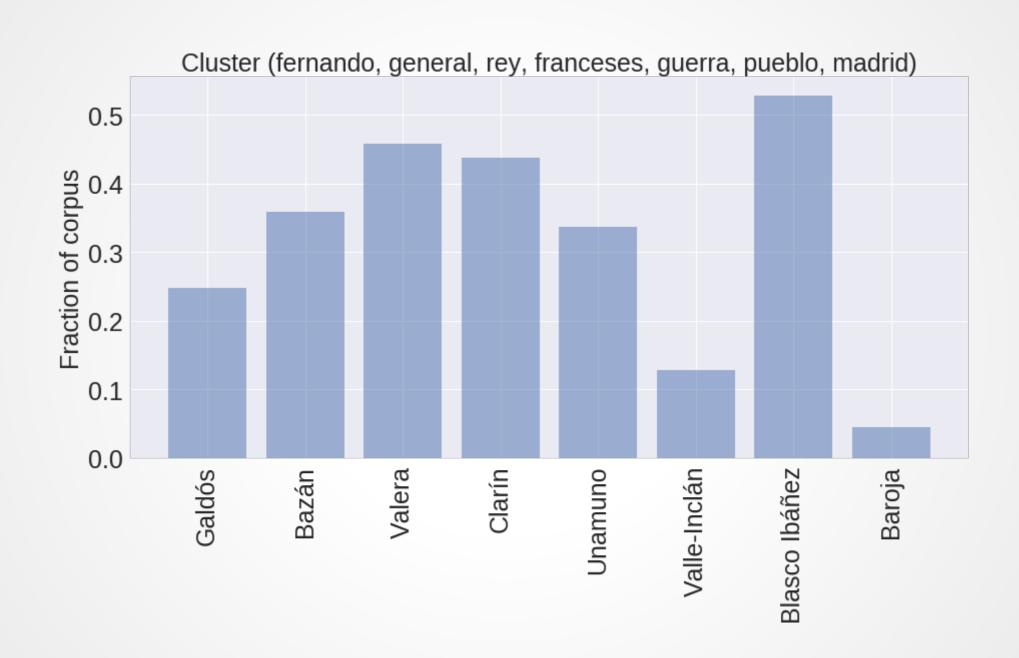
### Identify author (Naive Bayes(tfidf/LSA))

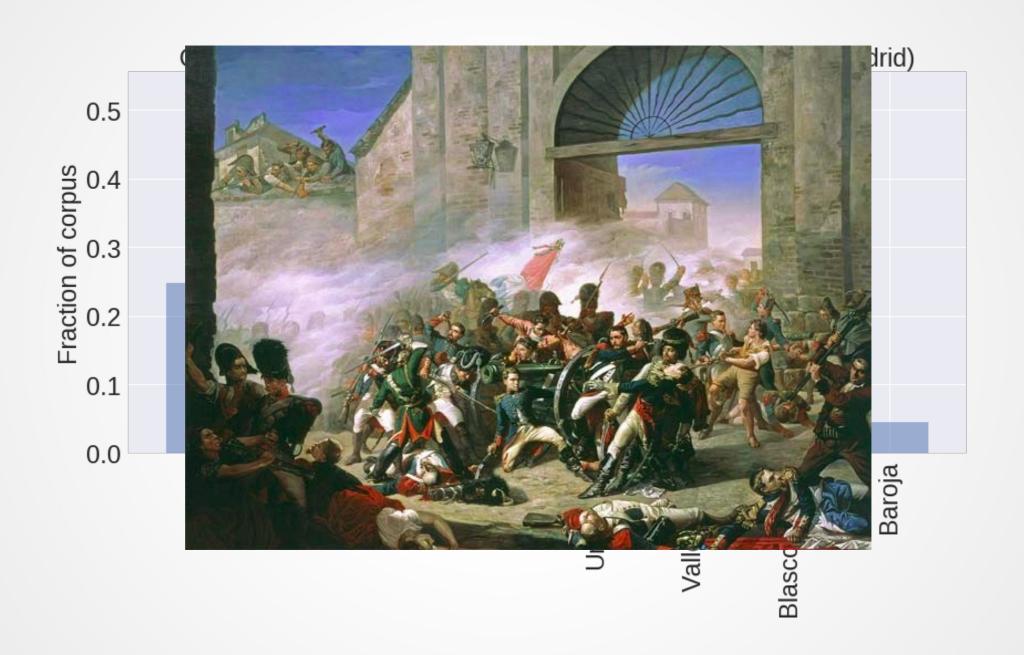


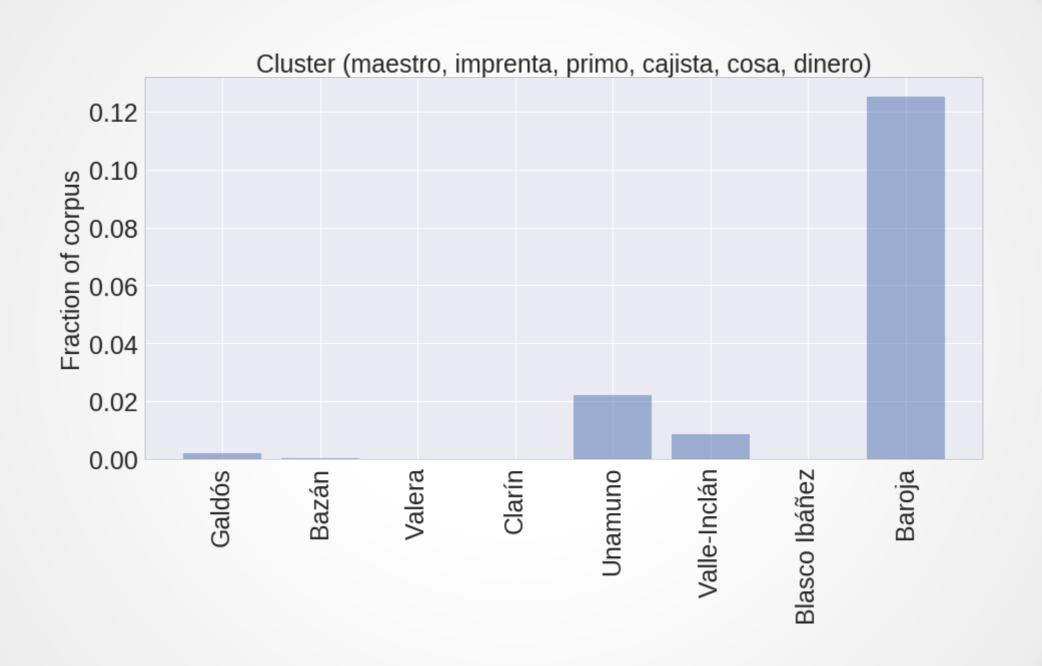
### Identify author (SVC(tfidf/LSA))

	Galdós	3745	104	1	33	7	12	0	212
actual	Bazán	636	501	2	91	17	15	0	91
	Valera	97	42	14	16	6	0	0	6
	Clarín	213	51	4	224	3	0	0	23
	Unamuno	173	37	0	18	56	0	0	33
	Valle-Inclán	110	53	0	12	2	103	2	41
	Blasco Ibáñez	37	52	0	9	0	1	4	10
	Baroja	392	86	1	25	5	7	7	1751
		Galdós	Bazán	Valera	Clarín	Unamuno	Valle-Inclán	Blasco Ibáñez	Baroja
	prediction								

Acc. train: 70.4 % Acc. test: 69.6 %









#### Thank you for your attention!

# Questions?



#### Word use for different authors

#### "Atacar" = to attack Galdos

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#### Baroja

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