Virtuous people and evil elites? The role of moralizing frames and normative distinctions in identifying populist discourse

03 Juli, 2024

1 load packages

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sessionInfo()
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FALSE R version 4.3.1 (2023-06-16 ucrt)
FALSE Platform: x86_64-w64-mingw32/x64 (64-bit)
FALSE Running under: Windows 10 x64 (build 19045)
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FALSE Matrix products: default
FALSE
FALSE
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FALSE [3] LC_MONETARY=German_Germany.utf8 LC_NUMERIC=C
FALSE [5] LC_TIME=German_Germany.utf8
FALSE
FALSE time zone: Europe/Berlin
FALSE tzcode source: internal
FALSE
FALSE attached base packages:
FALSE [1] stats     graphics  grDevices utils     datasets  methods   base
```

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FALSE  [5] dplyr_1.1.4      purrr_1.0.2      tidyr_1.3.1      tibble_3.2.1
FALSE  [9] ggplot2_3.5.0    tidyverse_2.0.0  kableExtra_1.4.0 lubridate_1.9.3
FALSE [13] writexl_1.5.0    readxl_1.4.3     readr_2.1.5      readtext_0.91
FALSE [17] quanteda_2.0.0
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FALSE loaded via a namespace (and not attached):
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FALSE  [4] fastmap_1.1.1        pROC_1.18.5          digest_0.6.35
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FALSE [73] ModelMetrics_1.2.2.2 pkgconfig_2.0.3
```

2 load data

3 create measurment - table 4

Table 1: Classification Accuracy

	My approach	**Bonikowski & Gidron**	**Rooduijn & Pauwels**	**References to groups**
Sensitivity	0.69	0.55	0.54	0.54
Specificity	0.79	0.61	0.74	0.88
Balanced Accuracy	0.74	0.58	0.64	0.71
Overall Accuracy	0.74	0.58	0.59	0.61

4 Table 5

Table 2: Classification of speeches for different dictionaries

Populist party		**My approach**	**Bonikowski & Gidron**	**Rooduijn & Pauwels**
No	count	3622	2003	53280
No	proportion	0.025	0.014	0.371
Yes	count	1148	880	13715
Yes	proportion	0.032	0.025	0.389

Table 3: Cross tabulation of anti-elitism and people-centrism being present in the same speech

anti-elitism / people-centrism	no	yes
no	174195	4055
yes	594	61

5 Figure 1

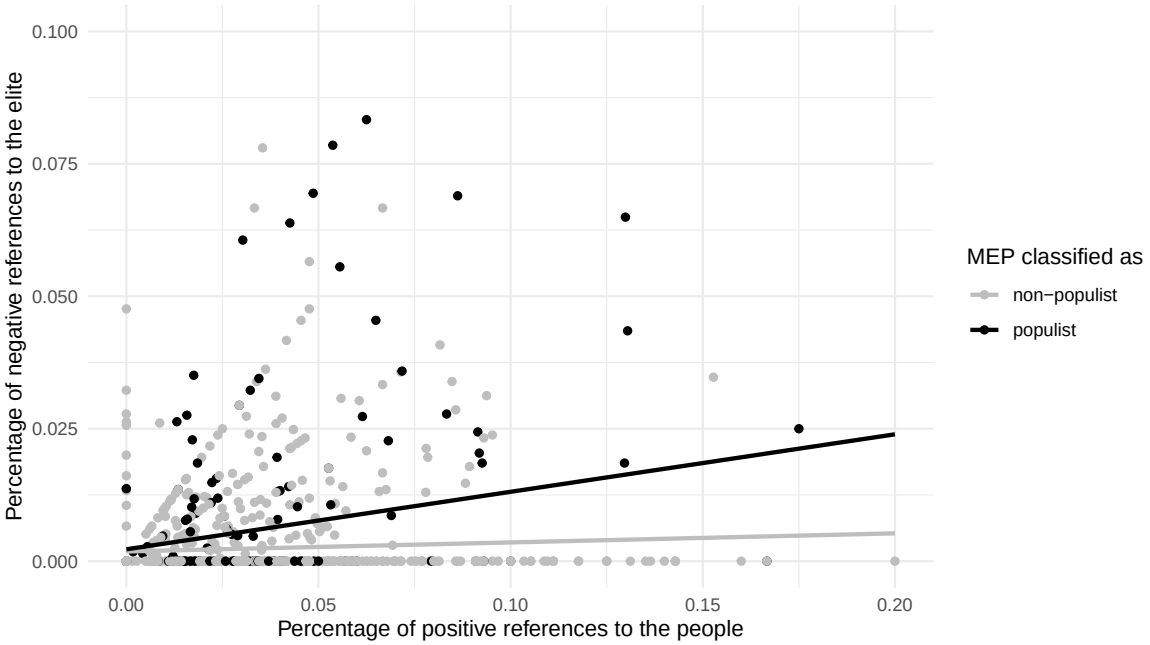

Figure 1: Scatter plot for percentage of people-centrism and anti-elitism in MEPs' speeches

6 Figure 2

7 Appendix

7.0.1 Number of hits of base ditionaries

Table 4: Frequency of keywords for people and elite dictionaries

People	**Count**	**Elite**	**Count**

total	**183980**	**total**	**13967**
people	74047	banks	5725
citizens	57482	politicians	4049
the public	9988	establishment	729
population	8570	elite	681
family	8336	politician	583
taxpayers	5653	circles	345
europeans	5140	mafia	345
families	4763	bosses	239
peoples	4004	eurocrats	236
citizen	3227	political class	153
taxpayer	1050	elites	109
residents	902	europhile	104
resident	643	europhiles	91
populations	124	eurocracy	83
ordinary person	43	financiers	65
man on the street	8	elitist	59
		apparatchiks	44
		oligarchy	37
		ruling class	34
		oligarchs	26
		eurocrat	24
		eurocratic	24
		political classes	24
		cronies	22
		financier	22
		oligarchic	20

Note:

For the elite dictionary, only the 25 most-occuring keyword are depicted.

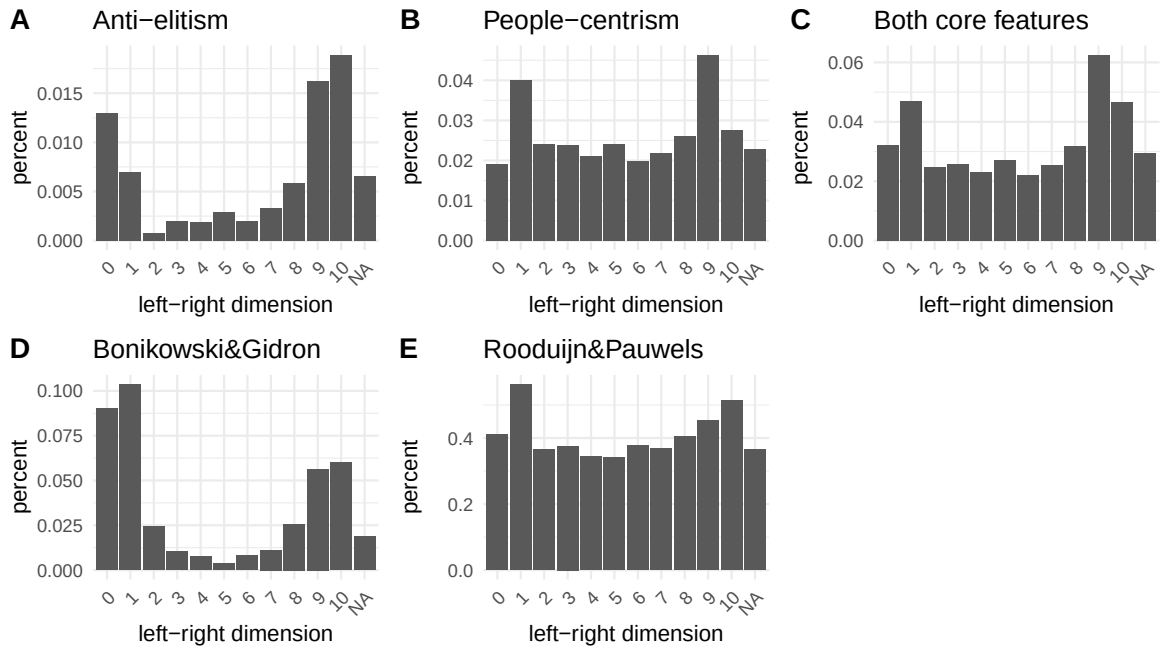

Figure 2: Box plots for parties by left-right dimension

7.0.2 Example for snippets

Table 5: Example for snippets

Pre	Keyword	Post
a state in which the rights of the	**citizen**	are respected , and in which each citizen
dwellings and adequate nutrition , while 20 000	**people**	a day die of causes linked to a
same standards to an institution ultimately funded by	**taxpayers**	' money . We have voted against the
the European Union should occur without the Portuguese	**people**	being consulted . This choice should be made
higher . The increase in the number of	**people**	continually living in poverty is a threat to

for dialogue and this is an opportunity for	**citizens**	to see it in action . I believe
tightly controlled and monitored in order to protect	**people**	in fragile situations and prevent human beings from
up like an unavoidable appointment for which the	**citizens**	have no enthusiasm and which is often viewed
issues , which are the focus of our	**citizens**	' expectations , are not included ; employment
negative - against any worker who is legally	**resident**	within the Member States of the European Union
able to defend the interests of	**hard-working**	Dutch taxpayers yesterday .
. You are elected by the people to	**defend**	democracy . What do the selected

7.0.3 Accuracy of measurement

Table 6: Classification Accuracy

	My approach	Bonikowski & Gidron	Rooduijn & Pauwels	References to groups
Sensitivity	0.69	0.55	0.54	0.54
Specificity	0.79	0.61	0.74	0.88
Pos Pred Value	0.79	0.55	0.85	0.95
Neg Pred Value	0.69	0.62	0.36	0.32
Precision	0.79	0.55	0.85	0.95
Recall	0.69	0.55	0.54	0.54
F1	0.74	0.55	0.66	0.69
Prevalence	0.53	0.46	0.74	0.81
Detection Rate	0.37	0.25	0.39	0.44
Detection Prevalence	0.46	0.46	0.46	0.46
Balanced Accuracy	0.74	0.58	0.64	0.71
Overall Accuracy	0.74	0.58	0.59	0.61