

The MoNoPoli database

Or how to catch *Macronitis*

Mathilde Huguin
ATILF CNRS-UL (UMR 7118)

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Table of contents

1. Subject overview and data characterization
2. Construction of the database
3. Analysis of deanthroponyms: some results
4. Conclusion

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Subject overview and data characterization

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 1. *Un nouveau cas de **macronite** aiguë était signalé en France.*
(*Emmanuel Macron*)
‘A new case of acute macron-itis was reported in France.’
 2. *Il faut dire à ces militants de ne pas confondre démocratie et **aubrycratie**.*
(*Martine Aubry*)
‘It is necessary to say to these militants not to confuse democracy and aubry-crazy.’

Subject overview and data characterization

- PPNs are names of politicians who have held a prominent position in French politics since 1981
 - ▶ Presidents: *Jacques Chirac, Nicolas Sarkozy, Emmanuel Macron*
 - ▶ Prime Minister: *Lionel Jospin, François Fillon, Manuel Valls*
 - ...

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 - ...
- Therefore, we expect that PPN derivatives are recent coinages, i.e. **neologisms** (Kerremans, 2015)

Subject overview and data characterization

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Nonce-formations are words deemed to be new by their creators and used intentionally to meet an immediate need in a given context (Bauer, 1983, Dal and Namer, 2018)

Subject overview and data characterization

- Deanthroponyms have the particularity of being absent from most existing French corpora
- Neologisms are more frequent in opinion genres (social media) than in information genres (Gérard, 2018)
- To build up our corpus, we used the Web as a resource since it alone provides access to these discursive genres in real time (Leech, 2007, p. 145)

Subject overview and data characterization

- Our approach is hypothetico-deductive (Tanguy, 2012, p. 101)
 - ▶ First, we generate hypothetical deanthroponym candidates (*françoishollandien* ‘françoisholland-ian’, *lepenphobe*, ‘lepen-phobic’) using the 89 PPNs and 90 suffixes of Huguin (2018)
 - ▶ Second, we searched for contexts in which the members of this list are attested on the Web

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Construction of the database

Generation of candidates

- The hypothetical deanthroponyms used as queries are derived from a PPN by means of suffixes
 3. *François Fillon, Valéry Giscard d'Estaing, Christine Lagarde, Marine Le Pen, Jean-Marie Le Pen, Marylise Lebranchu, Emmanuel Macron, Noël Mamère, Bruno Mégret, Bernard Tapie, Christiane Taubira [...]*
 4. *able, ade, erie, esque, ette, eur, ification, ifier, in, ine, isterie, ite, ité, cratie, lâtre [...]*
- When generating candidates two strategies can be adopted
- Each strategy has its theoretical implications

Construction of the database

Possible strategies

- The *minimal* strategy
 - ▶ It consists in generating **only** morphologically well-formed candidates
 - ▶ They respect a set of well-formedness morphophonological constraints (Roché and Plénat, 2014) as in *Optimality Theory* (Prince and Smolensky, 1993)

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- 5. *Taubira* /tobira/ + *-ie* /i/ → *taubirie* /tobiri/ ('taubir-land')
- ✓ avoid the hiatus /ai/ proscribed by the markedness constraint *HIATUS (/tobira/ + /i/ → */tobirai/)
- ✓ tend towards the trisyllabic optimal, required according to the size constraints (Plénat, 2009)

Construction of the database

Possible strategies

- The *minimal* strategy
 - ▶ The objective is to model the repair strategies instinctively implemented by speakers/writers—and assumed by the linguist—to obtain an *optimal* derivative
 - ▶ This first strategy therefore assumes that speakers/writers always (unconsciously) apply the phonotactic constraints and/or that we are only interested in well-formed deanthroponyms

Construction of the database

Possible strategies

- The *maximal* strategy
 - ▶ With the *maximal* strategy, all possible forms are generated, regardless of their adequacy to well-formedness principles
 - ▶ This strategy corresponds to the hypothesis that a speaker/writer may ignore morphophonological constraints of well-formedness, especially in a situation of spontaneous written expression

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- ✗ the sequence /rari/ from /tobirari/ entails that the derivative violates the constraints of faithfulness, size as well as the *Obligatory Contour Principle* (Goldsmith, 1976)
- 6. *Mais où sommes-nous ? En France ? Ou Taubirarie ?*
(Christiane Taubira)
'But where are we? In France? Or Taubirar-land?'

Construction of the database

The chosen strategy: the *maximal* strategy

- We regularly observe several output variants of a construction process
 6. *Mais où sommes-nous ? En France ? Ou **Taubirarie** ?*
(Christiane Taubira)
'But where are we? In France? Or Taubirar-land?'
 7. *Vous vous foutez de qui en **Taubirie** ?*
(Christiane Taubira)
'You do not care who in Taubir-land?'
 8. *Il risque très peu en **Taubirasie**... no problemo.*
(Christiane Taubira)
'He risks very little in Taubiras-land ... no problemo.'
- The variants in the output of a morphological construction process are due to the idiosyncratic ordering of constraints (Roché, 2010)
- In sum, we choose to generate as many forms as possible using PPN stems or variants thereof and a list of suffixes

Construction of the database

Program for generating derived forms

- We run our *candidate generation program* on all the graphical forms that realize each PPN in our list and all suffixes from our set
- PPNs are realized in different forms which we call *sub-names* (Huguin, 2018, Lignon et al., 2019)

| Sub-names | Examples | Derived forms | Gloss |
|---------------------------------|------------------------|--------------------------------|-------------|
| <i>Last name</i> | Strauss-Kahn | <i>strausskahnité</i> | ‘x-ity’ |
| <i>First name</i> | Dominique | <i>dominiqueur</i> | ‘x-er’ |
| <i>Full name</i> | Dominique Strauss-Kahn | <i>dominiquestrausskahnien</i> | ‘x-ian’ |
| <i>Last name 1st</i> | Strauss | <i>straussophile</i> | ‘x-phile’ |
| <i>Last name 2nd</i> | Kahn | <i>kahnisation</i> | ‘x-ization’ |
| <i>Acronym</i> | DSK | <i>dskie</i> | ‘x-land’ |

Table 1: Sub-names from the PPN *Dominique Strauss-Kahn*

Construction of the database

Program for generating derived forms

- Inputs and outputs are sequences of characters: these graphical forms encode morphophonological phenomena as well as purely orthographic variations
- It generates all possible tuples formed by a stem of sub-name and a suffix
 9. for the inputs Taubira and iste: taubiratiste, taubiradiste, taubiriste, taubiraiste, [...]
 10. for the inputs Clémentine and logue: clémentinologue, clémentinnologue, clémentinlogue [...]
- In total, it produces 110,658 candidate forms and each is used as a query on the Web

Construction of the database

Collection and annotation of the database

- The set of attested deanthroponyms, their contexts, the URLs, and the number of pages associated with each query are saved
- The derivational database contains 6,545 deanthroponyms which are realized in 55,030 tokens
- 3,830 derivatives whose formation mode is expected because they were explicitly generated by the program, but 40% of the deanthroponyms collected are not part of our candidate list

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11. *Est-ce qu'une vague d'**anti alliot-marisme** peut déferler sur la circonscription [...] ?*

(Michèle Alliot-Marie)

‘Can a wave of anti-alliot-marism sweep through the riding?’

12. *La majorité parlementaire **chiraco-raffarinesque** supprime une bonne partie des moyens financiers [...]*

(Jacques Chirac, Jean-Pierre Raffarin)

‘The chiraco-raffarinian parliamentary majority suppresses a good part of the financial means [...].’

Construction of the database

| PPN | Derivative in context | Pattern | POS | Phonology |
|--------------------------|--|----------|-----|-----------------|
| <i>Vincent Peillon</i> | <i>une nouvelle peillonnade : la rentrée en août !</i> 'a new peillon-ade: back to school in August!' | Xade | Nc | /pejɔnad/ |
| <i>Rama Yade</i> | <i>crainte d'une ramayadisation des esprits</i> 'fear of ramayad-ization of the minds' | Xisation | Nc | /ramajadizasjɔ/ |
| <i>François Hollande</i> | <i>le chimpanzé à cul rose homo hollandus</i> 'the pink ass chimpanzee homo holland-us' | homoXus | Nc | /omoolādys/ |

Table 2: Excerpt of MoNoPOLI

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General observation

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Analysis of deanthronyms

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 13. *On dit "arrête de **chiraquer**" pour dire arrête de faire des bêtises.*
(Jacques Chirac)
'We say "stop chiraqu-ing" to say stop doing stupid things.'
 14. *Enfumages sans feux : après l'éruption mentale de **viol-kahnisme** sulfureux présumé, retour au volcanisme réel.*
(Dominique Strauss-Kahn)
'Smoke and mirrors without fire: after the mental eruption of presumed sulphurous rape-kahnism, back to real volcanism.'

Analysis of deanthronyms

General observation

| Processes | Freq. | Examples |
|----------------------------|-------|---|
| Grammatical processes | 90% | <i>hollandifier</i> _V |
| Derivation | 58% | <i>jospinerie</i> _{Nc} |
| Suffixation | 51% | <i>chiraquiste</i> _{Nc} |
| Prefixation | 5% | <i>ex-bovétiste</i> _A |
| Conversion | 2% | <i>bayrouer</i> _V |
| Compounding | 32% | <i>lepénisme-mégretisme</i> _{Nc} |
| Extragrammatical processes | 10% | <i>duflodocus</i> _{Nc} |

Table 3: Overview of the processes of MoNoPOLI (Dressler, 2000, Fradin et al., 2009)

Analysis of deanthroponyms: *XoXsuff*

- MONoPOLI contains 23 deanthroponyms that instantiate the pattern *XoXsuff*
 15. *Les militants ont choisi la ligne dure, sarkozo-sarkozyste.*
(*Nicolas Sarkozy*)
‘The militants chose the hard line, sarkozo-sarkozist.’
 16. *En témoigne le remaniement ministériel, qui fait la part plus que belle aux chiraco-chiraquiens.*
(*Jacques Chirac*)
‘This is evidenced by the ministerial reshuffle, which gives the lion’s share to the chiraco-chiraquians.’

Analysis of deanthroponyms: XoX_{suff}

FIRST HYPOTHESIS: COMPOUNDING

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- One could see a particular case of the compound XoY_{suff} (Dal and Amiot, 2008)
 17. *français*_{Adj/Nc} + *canadien*_{Adj/Nc} → *franco-canadien*_{Adj/Nc}
'French and Canadian'

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- In *franco-canadien*_{Adj/Nc}, the vowel can be thought of as subverted, in that it does not mark the learned character of a stem

Analysis of deanthroponyms: XoX_{suff}

FIRST HYPOTHESIS: COMPOUNDING **X**

- Contrary to the compounds, in *sarkozo-sarkozyste*_{Adj} and *chiraco-chiraquien*_{Nc} it is always the same (truncated) stem of X which is used in each element

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- *sarkozo-sarkozyste* means ‘very/typically/exclusively sarkozist’ and *chiraco-chiraquiens* are ‘very/typically/exclusively chiraquian people’

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- *sarkozo-sarkozyste* means ‘very/typically/exclusively sarkozist’ and *chiraco-chiraquiens* are ‘very/typically/exclusively chiraquian people’
- This semantic value is attested in reduplication

Analysis of deanthronyms: *XoXsuff*

SECOND HYPOTHESIS: REDUPLICATION ✓

- In some syntactic reduplications (Ghameshi et al., 2004, Hohenhaus, 2004), the reduplicant allows a meta-discursive comment on the other term
 18. She's mad [...]. Not **mad mad**, but, you know. Out of control.
(Hohenhaus, 2007, p. 26)
⇒ 'very/completely mad'
 19. I want **salad salad**.
⇒ 'only/exclusively salad' (not *tuna salad* or *mixed salad*)

Analysis of deanthronyms: $XoXsuff$

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⇒ 'only/exclusively salad' (not *tuna salad* or *mixed salad*)
- We therefore analyze the deanthronyms $XoXsuff$ (*sarkozo-sarkozyste*) as resulting from reduplication

Analysis of deanthronyms: $Xo-(X'(o)-)*Y_{suff}$

- MoNoPOLI contains 1,925 deanthronyms instantiating the general pattern $Xo-(X'(o)-)*Y_{suff}$
 20. *Ainsi, selon une méthode éprouvée, le « camp du bien », pensant pouvoir l'achever, se livre en vain à une exégèse sémantique de sa critique du totem **aubryo-strausskhanien**.*
(Martine Aubry, Dominique Strauss-Kahn)
 21. *Voilà le fruit de quinze années de **pasquaïo-sarkozo-bessonisme**.*
(Charles Pasqua, Nicolas Sarkozy, Éric Besson)
 22. *C'est triste que le seul pendant à votre soi-disant pensée unique **bobo-marxo-stalino-taubiro-hollando-demissiono-comploto-lgbt-communiste**, soit juste un propos « anti-système » d'extrême droite.*
(Christiane Taubira, François Hollande)

Analysis of deanthroponyms: Xo-(X'(o)-)*Ysuff

- *aubryo-strausskhanien*_{Adj} \Leftrightarrow Xo-Ysuff

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- This compound adjective is interpreted as a coordination: ‘aubryist and strausskahnian’

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- This compound adjective is interpreted as a coordination: ‘aubryist and strausskahnian’
- Since the compound is coordinative we conclude that if Y_{suff} is a denominative adjective, X is a denominative adjective like Y_{suff} : $aubryiste_{Adj}$ (‘aubry-ist’)

Analysis of deanthronyms: $Xo-(X'(o)-)*Y_{suff}$

- $pasquaïo-sarkozo-bessonisme_{Nc} \Leftrightarrow Xo-X'o-*Y_{suff}$

21. *Voilà le fruit de quinze années de pasquaïo-sarkozo-bessonisme.*
(*Charles Pasqua, Nicolas Sarkozy, Éric Besson*)
'Here is the fruit of fifteen years of pasquaïo-sarkozo-bessonism.'

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- The compound is coordinative as previously
- So, Xo constituents are truncated forms of deanthronyms of the same nature as Y_{suff} $bessonisme_{Nc}$ (‘besson-ism’): $pasquaïsme_{Nc}$ (‘pasqua-ism’) and $sarkozysme_{Nc}$ (‘sarkoz-ism’)

Analysis of deanthroponyms: $Xo-(X'(o)-)*Y_{suff}$

- *bobo-marxo-stalino-taubiro-hollando-demissiono-comploto-lgbt-communiste*_{Adj} $\Leftrightarrow Xo-(X'(o)-)*Y_{suff}$

22. *C'est triste que le seul pendant à votre soi-disant pensée unique **bobo-marxo-stalino-taubiro-hollando-demissiono-comploto-lgbt-communiste**, soit juste un propos « anti-système » d'extrême droite.*

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'It's sad that the only counterpart to your so-called boho-marxo-stalino-taubiro-hollando-resigno-conspiratoro-lgbt-communist unique thought, is just an extreme right-wing "anti-establishment" statement.'

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- In any case, $X(o)$ forms always refer to adjectival properties, as does the last constituent *communiste*_{Adj}

Analysis of deanthronyms

- Extragrammatical processes are direct markers of the original status of the deanthronyms
- But even if the process is grammatical, deanthronyms are not always grammatical, as we saw with the example of compounding

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- Extragrammatical processes are direct markers of the original status of the deanthronyms
- But even if the process is grammatical, deanthronyms are not always grammatical, as we saw with the example of compounding
- In our corpus, compounding is sometimes subverted in the benefit of the writer's argumentation or humor

23. *La nouvelle majorité* **aubryo-strausskhano-fabiuso-hamono-emmanuello-montebourgo-jospiniste.**

24. *Un scandale* **politico-médiatico-judicio-chiraquo-balladuro-terroristo-internationalo-juridique** *explosif qu'on vous résume au plus simple.*

25. *Chassons les cacochymes empêtrés paralytiques fonctionnaires de bureau, les*
hollando-socialo-fronto-bayrou-to-verdo-mélenchonno-marxistes
du pouvoir.

Table of contents

1. Subject overview and data characterization
2. Construction of the database
3. Analysis of deanthroponyms: some results
4. Conclusion

Conclusion

- The method used to create the MoNoPOLI database is reproducible and adaptable to other languages or other inputs
- The database provides a large corpus of contextualized deanthroponyms, which to our knowledge does not exist in French
- MoNoPOLI is a possible resource for further research on both words based on anthroponyms and French nonce-formations



**Macron* → *macronist* : ‘it’s the poor people’s fault’

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