Regional variation of discourse markers bon and ben - Statistical analysis of 14 surveys in the PFC corpus -

SEIMIYA Takamasa
Doctoral student at Tokyo University of Foreign Studies
OKAWARA Kaho
Doctoral student at Tokyo University of Foreign Studies
KAWAGUCHI Yuji
Emeritus Professor at Tokyo University of Foreign Studies

Flambeau vol.49 2023, p. 77-91.

Manuscript received (2023-25-11) Manuscript accepted (2024-30-01)

Summary

To date, most studies using the Phonologie du Français Contemporain (PFC) corpus have focused mainly on the analysis of phonetics and phonology, and less on syntax and morphology. In this paper, we analyze how the functions and numbers of the occurrences of *bon* and *ben* as discourse markers (DMs) differ across the 14 PFC surveys. A two-way ANOVA is performed to determine whether there are statistically significant regional differences in their functions and the number of occurrences.

Keywords

discourse marker, bon, ben, Phonologie du Français Contemporain, regional French



© Flambeau 49 (2023) pp. 77-91.

183-8534 French Section, Tokyo University of Foreign Studies, 3-11-1 Asahi-cho Fuchu City, Tokyo

This work is licensed under the Creative Commons Attribution License.

0. Introduction

This article presents a statistical analysis of the usage of discourse markers (DM), bon and ben in French, using data from different regions of the French-speaking world. Both of these DMs are familiar to French speakers. However, analysis of actual conversations reveals some differences between these two DMs, and regional differences in the usage of these DMs can also be observed. To analyze these DMs more clearly, statistical methods are used in this study.

The rest of this paper is organized as follows: Section 1 presents purpose of the study. Section 2 explains the concept of DMs. Section 3 describes the corpus and data used in the analysis. Section 4 sets out the research topic of this study. Section 5 presents the methods used to analyze the data in this study. Section 6 reveals the results of the statistical analysis. Section 7 restates the answers to the research question and the conclusions of this study.

1. Purpose of the Study

The study aims to statistically analyze whether there is a difference in trends between regions and countries in the usage of *bon* and *ben* as DMs, using 14 PFC surveys. The PFC is explained in Section 3.

2. Discourse Markers

First, we explain the notion of "DM." Crible and Degand (2019: 3-4) ¹ define DMs as follows:

[...] markers of structure and interaction that speakers convey not only the coherence of their intended message but also their attitude towards this message and towards the interlocutor.

In other words, the function of DMs is not only to inform about the relationships among speakers' messages but also to express the attitude toward these messages and the interlocutors. In other words, DMs are markers of discourse strategy of interaction.

Then, regarding the characteristics of DM, Dostie (2009: 202)² states,

¹ CRIBLE, Ludivine & Liesbeth DEGAND (2019) Domaines and Functions: A Two-Dimensional Account of Discourse Markers. *Discours*, Varia: 3-35.

² DOSTIE, Geâtane (2009) Discourse markers and regional variation in French: A lexico-semantic approach. In Kate Beeching, Nigel Armstrong and Françoise Gadet (eds.), *Sociolinguistic Variation in Contemporary French*. Amsterdam, Philadelphia: Benjamins. 201-14.

"DMs are generally defined according to a set of formal and semantic properties, such as their invariability, [...] the fact that they do not contribute to the propositional content of the statement in which they are used, and their predominantly optional status on a syntactic level [...]."

This means that there is no declension. Then, DMs are concerned with utterances. Finally, they are optional in terms of syntax.

These bons are examples of bon used as a DM.

(1)

- A. eh ben c'est l'attitude de Nadia ah well, that's Nadia's attitude
- B. ouais mais lui c'est différent puisque lui il était un il parlait en tant que vendeur
 - yeah, but he's different because he spoke as a salesman
- A. oui mais Nadia, elle, **bon** elle **bon** elle te parle pas en tant que vendeuse mais
 - yes but Nadia, she, well she, well she doesn't talk to you as a salesperson but

 $(Hansen 1995: 20-21)^3$

They have no declension, and they are only concerned with statements; however, they are optional in terms of syntax.

3. Corpus and Data

This section discusses the corpus and data analyzed in this study. We first explain the corpus, and then represent the regions and related data.

This study used the PFC corpus. This corpus involves variations from various French-speaking countries; therefore, data from 49 French-speaking regions can now be found on this project's website ⁴.

Incidentally, no previous studies have analyzed DMs, using and comparing data from various regions in the PFC corpus. Few studies have used the PFC corpus, focusing on DMs. For example, Bordal & Ledegen (2007), Boutin (2007), Durand (2007), and Kelly (2007) have analyzed DMs; however, no cross-regional studies exist. On the other hand, a few studies have analyzed phonetics and phonology using the PFC corpus, covering several regions. For example, Eychenne (2004), Martin (2005), and Morin (2005) are

³ HANSEN, Maj-Britt Mosegaard (1995) Marqueurs métadiscursifs en français parlé : l'example de bon et ben. *Le Français Moderne*, LXIII, N°1: 20-41.

⁴ https://www.projet-pfc.net/

relevant studies; however, none of them focuses on DMs. Therefore, this study is the first attempt to analyze cross-regional data from the PFC corpus focusing on DMs.

Additionally, this study aimed to show that it is possible to do research using the PFC corpus in areas other than phonetics. As mentioned above, several cross-regional studies have been conducted using the PFC corpus. This is because, first, surveys have been carried out in several French-speaking regions, and the same protocol has been used in all localities. This aspect makes it easier to compare variations in French. Thanks to the existence of the PFC corpus, studies on phonetics and phonology exist. No studies have been conducted on pragmatics, as in our study, to date. Therefore we used the PFC corpus to analyze DMs from a pragmatic viewpoint.

This study analyzed 14 regions: Saguenay, Québec, Trois-Rivières (3 regions in Canada), Liège, Gembloux (2 regions in Belgium), Neuchâtel, Nyon, Genève (3 regions in Swiss), Roanne, Lyon, Grenoble (3 regions in southeastern France), Lacaune, Toulouse, and Douzens (3 regions in southern France). The data from the surveys of these 14 regions were thus collected for this study from the PFC's website.

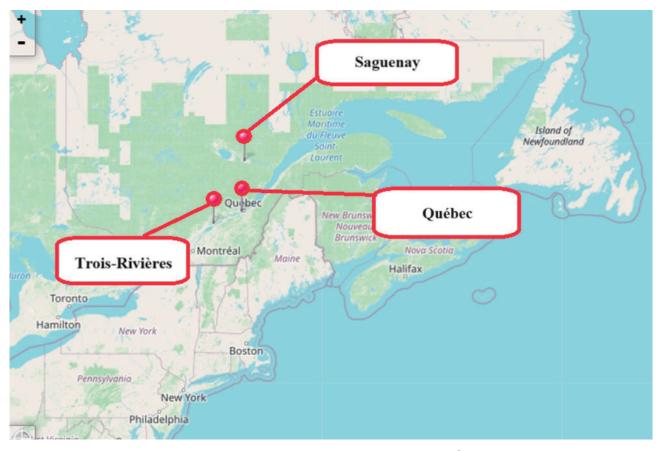


Figure 1. Regions in Canada⁵

⁵ Figure 1 and Figure 2 are from the website of the PFC corpus (https://research.projet-pfc.net/index.php).

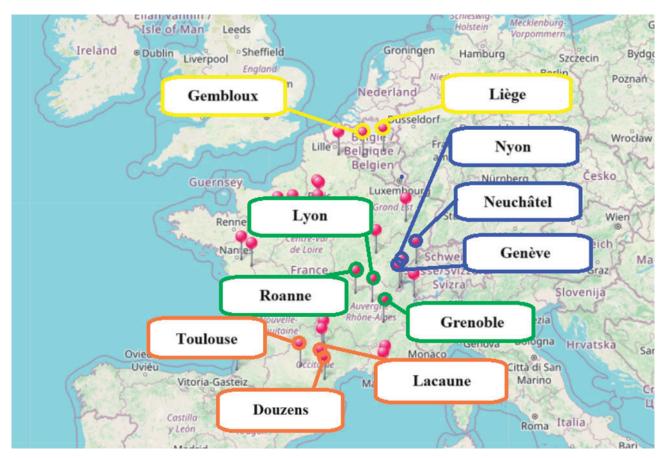


Figure 2. Regions in Europe⁵

More precisely, only data from free conversations in each regional survey were used here. For the analysis, the PFC transcripts were used as they were. However, the following elements were deleted: statements made by the interviewers, letters or numbers corresponding to the speakers' identifiers, words that were not utterances, and other tags in the transcripts. Table 1 presents the data on the number of speakers and tokens.

Regarding these transcripts, the developers of the PFC corpus advise that it can be difficult to distinguish between *bon* and *ben*. Furthermore, they point out that these transcripts were left to transcriptors' arbitrariness ⁶.

⁶ The developers mentioned this at the international conference of PFC (Programme Journées (I) PFC 2022).

-81-

Table 1. Number of speakers and tokens in the data of each region

| Country | Survey | Number of speakers | Tokens |
|-------------------|----------------|--------------------|---------|
| | Québec | 7 | 4,292 |
| Canada | Saguenay | 10 | 28,712 |
| | Trois-Rivières | 12 | 53,458 |
| Belgium | Gembloux | 12 | 11,047 |
| | Liège | 12 | 10,534 |
| Switzerland | Genève | 8 | 12,665 |
| | Neuchâtel | 11 | 11,052 |
| | Nyon | 12 | 12,873 |
| France | Grenoble | 9 | 5,283 |
| (southeast) | Lyon | 11 | 10,119 |
| | Roanne | 9 | 12,494 |
| F | Douzens | 10 | 11,808 |
| France (south) | Lacaune | 14 | 5,690 |
| | Toulouse | 12 | 10,714 |
| Total | | 150 | 202,741 |

4. Research Question

The research question for this study is, "Is it possible to observe significant differences between the regions and the usages of *bon* and *ben* as DMs using 14 surveys from the PFC corpus?"

5. Method of Analysis

This section explains the data analysis method used in this study. First, the occurrences of bon and ben as DMs were counted in the utterances of each speaker; therefore, the occurrences of bon and ben in other roles were not counted. Phonological variations of bon and ben (such as bé in Gembloux etc.) were also not counted. Furthermore, only 1-gram DMs (i.e., DMs alone) were counted; therefore, bon and ben used in DM collocations such as mais bon (in this case, mais bon is a 2-gram DM 8) were excluded. Then, bon and ben were classified according to the classification in this analysis (explained below). Subsequently, the number of occurrences in relative

.

⁷ In other words, we did not count *bon* in "C'est bon." because this *bon* is an adjective. Therefore, *bon* and *ben* as adjectives, adverbs and so on were excluded here.

⁸ The 2-gram DM bon ben was sometimes seen in the data, but bon ben is classified as 2-gram DM as well.

frequency per million words was calculated. For the statistical analysis, the study used the two-way ANOVA/Multiple Comparisons (Ryan's Method). Factor A represents the location of the survey, and factor B represents the type of usage ⁹. The software used for the analysis was the Web-based Anova4 ¹⁰.

There are various classifications of bon and ben as DMs. In particular, Peltier and Ranson (2020: 5) summarize previous studies on the functional classification of bon (Table 2). They classify bon into two types of functions: "textual functions" and "attitudinal functions." Textual functions can be further divided into three subcategories, namely, "d'ouverture," "de continuation," and "d'autres fonctions textuelles," each of which also consists of multiple usages. Attitudinal functions have no sub-categories and consist of two usages.

Table 2. Classification of bon by Peltier and Ranson (2020)

| fonctions textuelles | | | | |
|-------------------------------|------------------|--|--|--|
| d'ouverture | nouveau thème | | | |
| | prise de thème | | | |
| | nouvelle voix | | | |
| de continuation | sous-thème | | | |
| | résultat | | | |
| | supplément | | | |
| | élément additif | | | |
| d'autres fonctions textuelles | reprise de thème | | | |
| | formulation | | | |
| fonctions attitudinales | | | | |
| contrast | | | | |
| résignation | | | | |

The present study focuses on the position of bon and ben in speech and establishes a new classification that can be used for both DMs (Figure 3). Three main categories were established: "head of turn," "middle of turn," and "end of turn." The "middle of turn" category has two sub-categories.

⁹ The type of usage means each classification of bon and ben's function in this study.

¹⁰ https://www.hju.ac.jp/~kiriki/anova4/

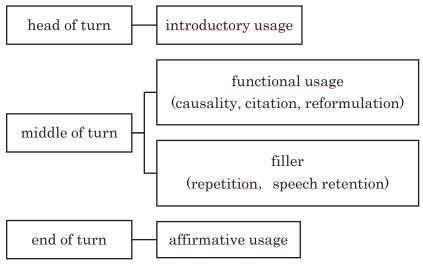


Figure 3. Classification of bon and ben

bon and ben at the beginning of the turn of speech were classified as "head of turn." Such DMs have the function of introducing new topics and ideas, whether consciously or unconsciously. For example, bon in (2) has the function of starting a conversation.

(2)

MG: **Bon**. De quoi qu'on parle. Je sais pas, je pensais qu'il nous poserait des questions, moi

"Well, what do we talk about? I don't know, I thought he was going to ask us questions."

(cgamg1: Québec)

The "middle of turn" has two sub-categories: "functional usage," which fulfils some function, and a "filler," which only serves to maintain the turn of speech and conversation. The former includes the three usages, namely "causality," "citation," and "reformulation."

bon in (3) is an example of the "causality" of bon and ben. Here, the reason for the "cause" – that the children liked music – and the "reason" – that the children were familiar with the piano – are stated guided by the DM.

(3)

ML: euh bon quand les petits sont nés, ils sont nés avec le piano sous la, sous, sous la main, et, et voilà alors ils ont euh, **bon** ils ont aimé la musique, ... "Well, when the children were born, they were born with the piano in their hands, under, under the hand, and, and so they uh, well they loved music,..."

(11aml1: Douzens)

bon and ben as "citation" are those in which a third person's utterance is derived immediately after the DM. By using the ben as in (4), the speaker's utterance can be

explicitly distinguished by the third person's utterance.

(4)

BL: Euh il est venu faire le travail, oui et puis il nous a dit **ben** ok euh maintenant vous contacter le carreleur euh on peut carreler la salle de bain, puis tu as le carreleur qui vient voir et [...]

"He came to do the work, yes, and then he told us, well, okay, um, now you contact the tiler, um, we can tile the bathroom, and then you have the tiler come to have a look and...."

(blapjp1_Liege)

The "reformulation" is used when the interlocutor's utterance is reformulated by others in their own utterance. For example, in (5), JE says "dans les vallées," which is a reformulation of AB's "Dans le Haut-Valais."

(5)

AB: Des des anciens, des personnes âgées qui ont leur "Some of the elders, the old people who have their"

HE: patois "patois"

AB: leur patois. Dans le Haut-Valais aussi et puis à "their patois. In le Haut-Valais too and then in"

JE: Oui, **bon** ça dans les vallées ...

"Yes, well that in the valleys..."

(svaabl Nyon)

The second sub-classification of "middle of turn" is "filler." This subcategory includes the two usages "repetition" and "speech retention." "Repetition" refers to a DM that is flanked by the same words before and after it. The difference between "reformulation" and "repetition" is as follows: "reformulation" is when the speaker restates another's utterance in his/her own words after the DM, and "repetition" is when the speaker repeats his/her own utterance after the DM. For example, in (6), ben is used as such.

(6)

BB: ...euh, contrairement à, probablement, d'autres régions du monde peut-être surtout **ben**, pas surtout mais entre autres en Europe,

"...ah, unlike, probably, other regions of the world perhaps maybe especially well, not especially but among others in Europe,"

(cgaab1: Québec)

Another usage, "speech retention," is a DM that is not used in any of the above-mentioned usages, but simply maintains speech. For example, bon in (7) is used between "Là comme chez nous" and "il y a quatre cents, il y a quatre cents habitants quoi je crois," but it is not causative, quotative, or reformulative.

(7)

R: Là comme chez nous **bon** il y a quatre cents, il y a quatre cents habitants quoi je crois, quatre cents, quatre cent vingt.

"There, as with us, well four hundred inhabitants, I think, four hundred, four hundred and twenty. I think four hundred, four hundred and twenty."

(42arf1 Roanne)

The last category is "end of turn." This includes explicitly informing the other person of the end of an utterance after affirming one's opinion, as in (8).

(8)

FFR: mais on sait pas du tout ce qu'on va faire, ça se décidera ben, dans, dans dix jours **bon**

"but we have no idea what we're going to do, it'll be decided in, in ten days"

EC: J'ai pas envie d'aller dans un bar, ou en boîte ou

"I don't feel like going to a bar, or a club or"

(31arf11g: Toulouse)

6. Results and Analysis

Table 3 shows the number of occurrences per million tokens of bon. It occurs a total of 24,917 times, with the most frequent usage being that of a "filler" in "middle of turn," 14,740 times. bon as a "filler" was used in all surveys. However, "introductory usage," "functional usage," and "affirmative usage" were not used even once in some surveys. In terms of countries, the number of occurrences of bon as "introductory" was zero in the two surveys in Belgium; the lowest number of occurrences in the four categories was "affirmative usage," with a total of 829 occurrences. As many as six surveys did not use this usage even once.

In terms of countries/regions, the usage of *bon* in Canadian surveys is lower than in other countries/regions, with 1,651 occurrences. The country/region with the highest number of occurrences is France (south), with 9,037 occurrences.

Table 3. Number of occurrences per million words of bon

| Country | Survey | head of turn | middle of turn | | end of turn | Total | Total |
|-----------------------|----------------|--------------|----------------|--------|-------------|----------|-----------|
| | | introductory | functional | filler | affirmative | (survey) | (country) |
| Canada | Québec | 397 | 0 | 326 | 0 | 723 | 1,651 |
| | Saguenay | 194 | 60 | 46 | 41 | 341 | |
| | Trois-Rivières | 129 | 75 | 361 | 22 | 587 | |
| Belgium | Gembloux | 0 | 100 | 840 | 100 | 1,040 | 2,122 |
| | Liège | 0 | 579 | 503 | 0 | 1,082 | |
| Switzerland | Genève | 80 | 210 | 825 | 0 | 1,115 | 5,148 |
| | Neuchâtel | 596 | 551 | 1,029 | 0 | 2,176 | |
| | Nyon | 584 | 453 | 772 | 48 | 1,857 | |
| France (southeast) | Grenoble | 0 | 704 | 647 | 0 | 1,351 | 6,959 |
| | Lyon | 0 | 902 | 3,112 | 292 | 4,306 | |
| | Roanne | 58 | 230 | 940 | 74 | 1,302 | |
| France (south) | Douzens | 322 | 1,133 | 1,890 | 77 | 3,422 | 9,037 |
| | Lacaune | 231 | 0 | 246 | 0 | 477 | |
| | Toulouse | 721 | 1,039 | 3,203 | 175 | 5,138 | |
| Total | | 3,312 | 6,036 | 14,740 | 829 | 24,917 | 24,917 |

An analysis of variance (two-way ANOVA) based on this number of occurrences confirmed statistically significant differences (p<0.001) for the following combinations (region*usage).

1. Lyon*filler against:

Québec*filler, Saguenay*filler, Trois-Rivières*filler, Gembloux*filler, Liège*filler, Genève*filler, Neuchâtel*filler, Nyon*filler, Grenoble*filler, Roanne*filler, and Lacaune*filler

2. Douzens*filler against:

Saguenay*filler, Trois-Rivières*filler, Liège*filler, and Lacaune*filler

3. Toulouse*filler against:

Québec*filler, Saguenay*filler, Trois-Rivières*filler, Gembloux*filler, Liège*filler, Genève*filler, Neuchâtel*filler, Nyon*filler, Grenoble*filler, Roanne*filler, and Lacaune*filler

This means that the Lyon survey showed statistically higher usage of *bon* as a "filler" compared to those of Québec, Saguenay, Trois-Rivières, Gembloux, Liège, Genève, Neuchâtel, Nyon, Grenoble, Roanne, and Lacaune. Douzens and Toulouse also showed a

statistically higher number of occurrences compared to the enumerated surveys. Only the French surveys showed statistically higher usage of *bon* as a "filler."

Table 4 shows the number of occurrences per million tokens of *ben*. Overall, it has about 17,000 more occurrences than *bon*. The usage with the highest number of occurrences was that of a "filler," 17,525 times, as in *bon*. The second most frequent usage was "introductory" (16,441 times), which shows a different trend from *bon*. *ben* as "affirmative" was used less frequently than *bon*, with only four surveys.

In terms of country/region, in the Canadian surveys, where the number of occurrences of *bon* was low, the number of occurrences of *ben* was very high (13,379 times). For France (south), which had the highest number of *bon* occurrences, *ben* was used the least, with 3,682 occurrences.

Table 4. Number of occurrences per million words of ben

| Country | Survey | head of turn | middle of turn | | end of turn | Total | Total |
|-----------------------|----------------|--------------|----------------|--------|-------------|----------|-----------|
| | | introductory | functional | filler | affirmative | (survey) | (country) |
| Canada | Québec | 1,705 | 442 | 576 | 0 | 2,723 | 13,379 |
| | Saguenay | 1,868 | 640 | 1,013 | 0 | 3,521 | |
| | Trois-Rivières | 2,860 | 1,180 | 3,032 | 63 | 7,135 | |
| Belgium | Gembloux | 626 | 551 | 1,786 | 218 | 3,181 | 8,115 |
| | Liège | 1,791 | 1,816 | 1,327 | 0 | 4,934 | |
| Switzerland | Genève | 402 | 594 | 1,253 | 80 | 2,329 | 8,662 |
| | Neuchâtel | 1,465 | 340 | 3,093 | 0 | 4,898 | |
| | Nyon | 900 | 213 | 322 | 0 | 1,435 | |
| France (southeast) | Grenoble | 808 | 720 | 526 | 0 | 2,054 | 8,367 |
| | Lyon | 471 | 182 | 1,854 | 0 | 2,507 | |
| | Roanne | 1,127 | 892 | 1,562 | 225 | 3,806 | |
| France (south) | Douzens | 1,522 | 0 | 141 | 0 | 1,663 | 3,682 |
| | Lacaune | 630 | 0 | 702 | 0 | 1,332 | |
| | Toulouse | 266 | 83 | 338 | 0 | 687 | |
| Total | | 16,441 | 7,653 | 17,525 | 586 | 42,205 | 42,205 |

An ANOVA based on the number of occurrences confirmed a statistical advantage (p<0.001) for the following combinations (region*usage).

1. Québec*introductory against:

Gembloux*introductory, Genève*introductory, Nyon*introductory, Lyon*introductory, Lacaune*introductory, and Toulouse*introductory

- 2. Saguenay*introductory against Toulouse*introductory
- 3. Trois-Rivières*introductory against:

Gembloux*introductory, Genève*introductory, Nyon*introductory, Lyon*introductory, Lacaune*introductory, and Toulouse*introductory

4. Trois-Rivières*filler against:

Québec*filler, Saguenay*filler, Liège*filler, Nyon*filler, Grenoble*filler, Douzens*filler, and Lacaune*filler

5. Neuchâtel*filler against:

Québec*filler, Saguenay*filler, Liège*filler, Nyon*filler*filler, Grenoble*filler, Douzens*filler, Lacaune*filler, and Toulouse*filler

6. Roanne*filler against Nyon*filler

Interestingly, significant differences in the usage of ben as "introductory" were found only in the three Canadian surveys analyzed. Thus, the usage of ben as "introductory" may be considered a feature of Canadian French. The usage of ben as a "filler" was more frequent in the surveys of Trois-Rivières, Neuchâtel, and Roanne.

7. Conclusion

In this study, 14 surveys of the PFC corpus were analyzed to determine whether there were regional differences in the usage and number of occurrences of the two DMs, bon and ben. The results showed statistically significant differences in specific usage and survey combinations for both bon and ben. As for bon, its usage as a "filler" was more common in the Lyon, Douzens, and Toulouse surveys than in the other surveys. The usage of ben as "introductory" was more frequent in the three Canadian surveys. In the Trois-Rivières, Neuchâtel, and Roanne surveys, ben as a "filler" was used regularly. This corpus-driven study has shown statistically that, as with vocabulary and expressions, the DMs used and their usage pragmatically differ from region to region.

Furthermore, a comparison of the overall usage of bon and ben reveals that at the head of turns, bon is used 3,312/24,917 times (13%), whereas ben is used 16,441/42,205 times (39%), indicating that ben is used more often at the beginning of turns. However, there is a difference in that at the end of turn, bon is observed in eight surveys, whereas ben is used only in four surveys.

In the future, we hope to increase the size of the corpus and further clarify regional differences in the usage of *bon* and *ben* as DMs. In addition, we intend to study whether similar regional variations can be observed in other DMs.

Acknowledgement

This work was supported by JSPS KAKENHI [20K00566] and JSPS KAKENHI [20K01279]

References

- BORDAL, G. & G. LEDEGEN (2007) Le français de la Réunion : lexique, morphosyntaxe, alternance codique et prononciation. *Phonologie du Français contemporain : Bulletin PFC*, n°7, 121-134.
- BOUTIN, A. B. (2007) Enfance mouvementée d'une future institutrice dans la Côte d'Ivoire des années soixante. *Phonologie du Français contemporain : Bulletin PFC*, n°7.
- DETEY, Sylvain, Jacques DURAND, Bernard LAKS & Chantal LYCHE (2010) Les variétés du français parlé dans l'espace francophone: ressources pour l'enseignement. Paris : Editions OPHRYS.
- CRIBLE, Ludivine & Liesbeth DEGAND (2019) Domaines and Functions: A Two-Dimensional Account of Discourse Markers. *Discours*, Varia: 3-35.
- DOSTIE, Gaétane (2009) Discourse markers and regional variation in French: A lexicosemantic approach. In Kate Beeching, Nigel Armstrong and Françoise Gadet (eds.), Sociolinguistic Variation in Contemporary French. Amsterdam, Philadelphia: Benjamins. 201-14.
- (2012) Ben en tant que collocatif discursif. Travaux de linguistique, n°65, 105-122.
- DURAND, J. (2007) Souvenirs de guerre en Languedoc et structuration linguistique : étude de cas à Douzens (Aude). *Phonologie du Français contemporain : Bulletin PFC*, n°7.
- DURAND, J. et al. (2002) La phonologie du français contemporain: usages, variétés et structure. In C. Pusch & W. Raible (éds), Romanistische Korpuslinguistik- Korpora und gesprochene Sprache/Romance Corpus Linguistics Corpora and Spoken Language, Tübingen: Gunter Narr Verlag, 93-106.
- EYCHENNE, Julien (2004) La position finale en français : l'embarras du schwa. Etude comparative de 3 enquêtes PFC (Douzens, Biarritz, Québec). *Phonologie du Français contemporain : Bulletin PFC*, n°4.
- HANSEN, Maj-Britt Mosegaard (1995) Marqueurs métadiscursifs en français parlé : l'example de bon et ben. Le Français Moderne, LXIII, N°1: 20-41.
- —— (1998) The semantic status of discourse markers. *Lingua 104*, 235-260. Amsterdam: Elseviar.
- KELLY, S. (2007) Prononciation et autres aspects du français au Québec. *Phonologie du Français contemporain : Bulletin PFC*, n°7.
- LEFEUVRE, Florence (2011) Bon dans le discours oral : une unité autonome?. halshs-00797188.

- MARTIN, P. (2005) Phonetic Variations of Prosodic Contours in French. *Phonologie du Français contemporain : Bulletin PFC* n°5.
- MORIN, A. (2005) Anti-Markedness Language Change in Gascon and Québec French. Phonologie du Français contemporain: Bulletin PFC, n°5.
- PELTIER, J. P.-G. & Diana L. RANSON (2020) Le marqueur discursif bon : ses fonctions et sa position dans le français parlé. In: *Actes de CMLF2020*, SHS Web Conf., 78.

PFC Corpus

BÜHLER, N. et I. Racine (2011) Neuchâtel.

https://research.projet-pfc.net/enquetes.php?id=144,

Phonologie du Français Contemporain: Base PFC recherche. Téléchargé le 30.10.2021.

DURAND, J. (2001) Douzens.

https://research.projet-pfc.net/enquetes.php?id=%202.

Phonologie du Français Contemporain: Base PFC recherche. Téléchargé le 08.06.2020.

—— (2006). Toulouse.

https://research.projet-pfc.net/enquetes.php?id=6,

Phonologie du Français Contemporain: Base PFC recherche. Téléchargé le 30.10.2021.

FRANCARD, M. (2006). Liège.

https://research.projet-pfc.net/enquetes.php?id=%2084.

Phonologie du Français Contemporain: Base PFC recherche. Téléchargé le 08.06.2020.

—— (2007). Gembloux.

https://research.projet-pfc.net/enquetes.php?id=83,

Phonologie du Français Contemporain: Base PFC recherche. Téléchargé le 30.10.2021.

LAKS, B. (2002). Roanne.

https://research.projet-pfc.net/enquetes.php?id=%2030.

Phonologie du Français Contemporain: Base PFC recherche. Téléchargé le 08.06.2020.

—— (2004). Lyon.

https://research.projet-pfc.net/enquetes.php?id=57,

Phonologie du Français Contemporain: Base PFC recherche. Téléchargé le 08.06.2020.