Enquête logiciels SU - Septembre 2015

FEDORU

07/09/2015

Contents

1   7/9/2015

Reprise de l'exploitation des logiciels des SU

- fichier source: DATA/FEDORU - ENQUETE LOGICIEL 2015 - V2 (12 06 15) (3)
- création d'un dossier spécifique **Septembre2015** contenent un sous dossier **data** pour y stocker les résultats régionaux sous forme de fichier .csv.

1.1   17/9/2015

- récup données ORUMIP (Olivier Azema)

1.2   Récupération des fichiers csv

- les 5 premières lignes sont éliminées
- élimination du héader => il faudre en créer un

```r
path = "./data/" # ./Septembre2015/data/ si console
out.file <- NULL
file.names <- dir(path, pattern =".csv") # seuls les fichiers se terminant par csv sont lus
for(i in 1:length(file.names)){
    file <- read.table(paste(path, file.names[i], sep=""), skip = 5, header = FALSE, sep=",", stringsAsFa
    # on ne garde que les 22 premières colonnes
    file <- file[, 1:22]
    # on ne garde que les lignes où les colonnes 1 à 5 ne sont pas vides (http://genometoolbox.blogspot.
    file <- file[complete.cases(file[,1:5]),]
    # remplacement de la virgule écimale par le point décimal (soirce: http://stackoverflow.com/question
    file <- as.data.frame(sapply(file, gsub, pattern = ",", replacement = "."))

    out.file <- rbind(out.file, file)
 }

n <- c("Region", "Departement", "FINESS", "Hopital", "CP", "Routage","Logiciel_2014","Editeur", "RPU_tra
 names(out.file) <- n

write.table(out.file, file = "archive.csv", sep=",", row.names = FALSE, qmethod = "double", fileEncoding
```

1.3   Récupération du fichier des données

- Nombre de régions participantes: 8
- Nombre de sites: 224

2   Cartographie

Cartographie des régions participantes et des logiciels.

Régions participantes (enquête 2015)
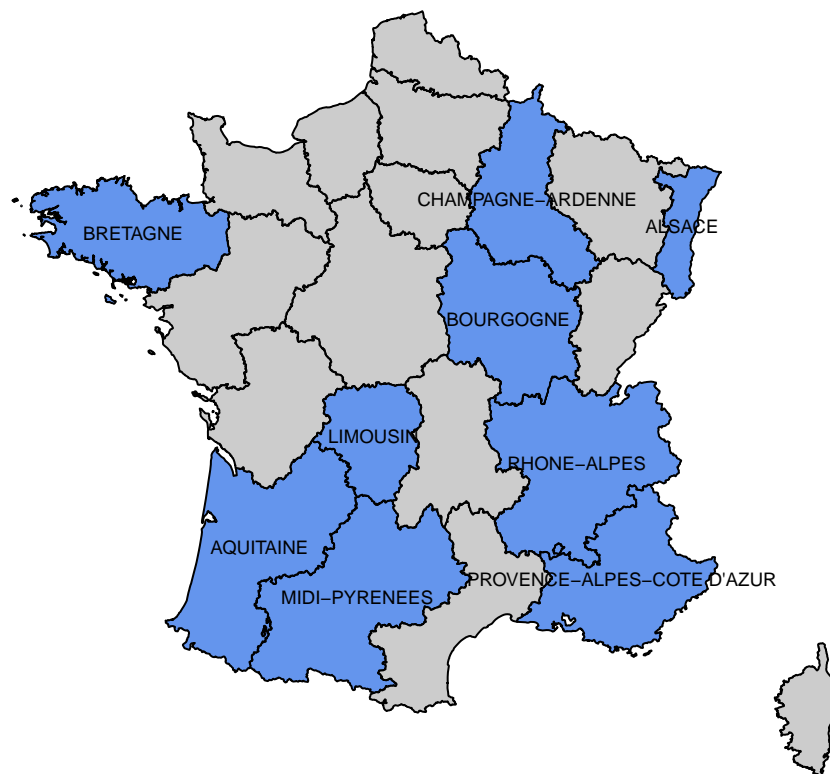
3   Editeurs

4   Logiciels 2015

- Nombre de logiciels utilisés: 43

4.1   Logiciels par ordre décroissant

TU-ORUPACA	URQUAL	RESURGENCES
45	36	27
DMU	SILLAGE URGENCES	DXCARE
14	14	13
CROSSWAY	ATALANTE	SIDSU
12	9	9
POLYMEDIS	MEDIBOARD	ORUV2
5	4	4
SILLAGE DMU	DOPASOIN	DOPA URGENCES
4	3	3
ORBIS ANTARES V2 DE INOVACUM		CLINICOM

3	2	2
CORTEXTE	HOPITAL MANAGER	MÉDICAL OBJECT
2	2	2
MEDIS	OSOFT	RPUEXPRESS
2	2	2
SANOCOM	SHAREGATE	SIGEMS
2	2	2
AGFA EXAGON	AXIGATE	DEVELOPPEMENT INTERNE
1	1	1
DIAMMS	DPU	EMED
1	1	1
EXPERT SANTÉ	MANUEL	MEDIBASE
1	1	1
MEDINTUX	M-PLUS	NAFAMA
1	1	1
OSIRIS	QCARE	SPEC 4D
1	1	1
TRACK CARE		
1		

Logiciels utilisés
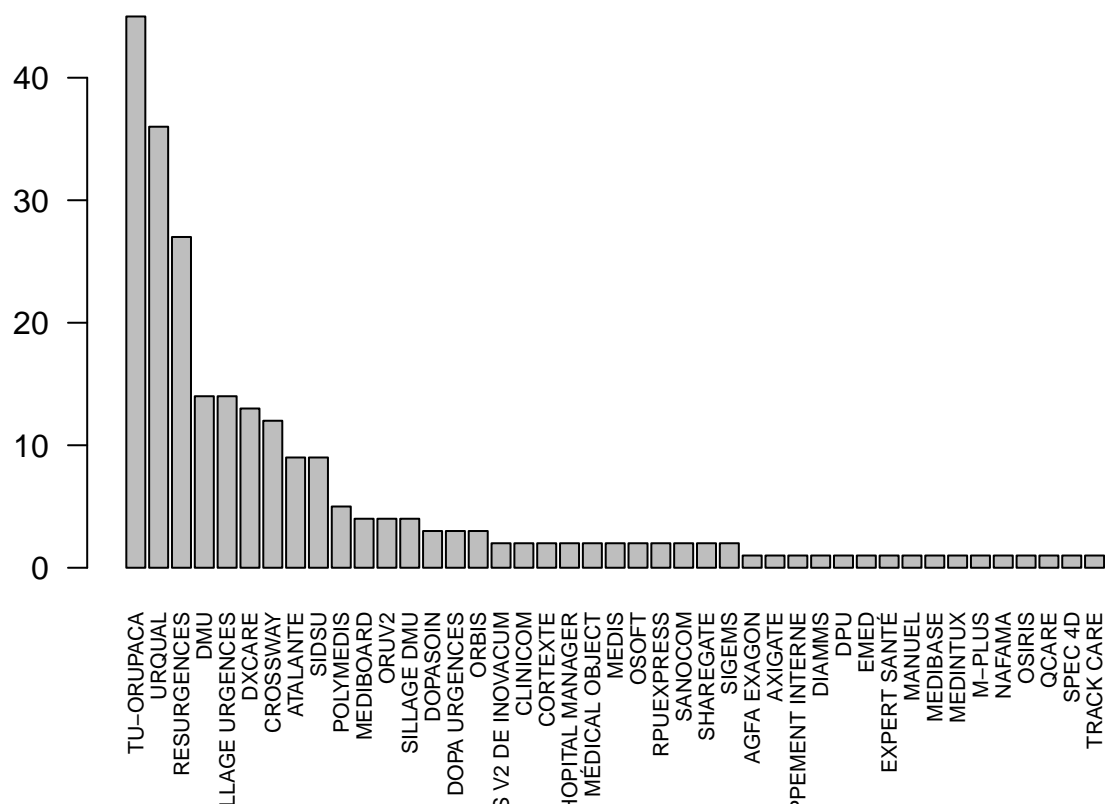
4.2 Logiciels par région

	ALSACE	AQUITAINE	BOURGOGNE	BRETAGNE
AGFA EXAGON	0	0	1	0
ANTARES V2 DE INOVACUM	2	0	0	0

ATALANTE	8	0	1	0
AXIGATE	0	1	0	0
CLINICOM	1	0	0	0
CORTEXTE	0	0	0	0
CROSSWAY	0	3	3	0
DEVELOPPEMENT INTERNE	0	0	0	0
DIAMMS	0	0	0	0
DMU	2	0	7	0
DOPASOIN	0	0	0	0
DOPA URGENCES	0	1	0	0
DPU	0	0	0	0
DXCARE	3	6	1	0
EMED	0	0	0	0
EXPERT SANTÉ	0	0	0	0
HOPITAL MANAGER	0	0	2	0
MANUEL	0	0	1	0
MEDIBASE	0	1	0	0
MEDIBOARD	0	0	0	2
MÉDICAL OBJECT	0	0	0	0
MEDINTUX	0	0	0	0
MEDIS	0	0	0	2
M-PLUS	0	1	0	0
NAFAMA	0	0	0	0
ORBIS	1	0	0	2
ORUV2	0	0	0	0
OSIRIS	0	0	0	0
OSOFT	0	0	0	2
POLYMEDIS	0	0	0	0
QCARE	0	0	0	0
RESURGENCES	1	1	3	13
RPUEXPRESS	0	0	0	0
SANOCOM	0	2	0	0
SHAREGATE	0	2	0	0
SIDSU	0	9	0	0
SIGEMS	0	2	0	0
SILLAGE DMU	0	0	0	4
SILLAGE URGENCES	0	2	0	12
SPEC 4D	0	0	0	0
TRACK CARE	0	1	0	0
TU-ORUPACA	0	0	1	0
URQUAL	0	3	3	18

	CHAMPAGNE ARDENNES	LIMOUSIN	MIDI PYRENEES	PACA
AGFA EXAGON	0	0	0	0
ANTARES V2 DE INOVACUM	0	0	0	0
ATALANTE	0	0	0	0
AXIGATE	0	0	0	0
CLINICOM	0	0	1	0
CORTEXTE	0	0	2	0
CROSSWAY	0	0	6	0
DEVELOPPEMENT INTERNE	0	0	1	0
DIAMMS	0	0	1	0
DMU	3	0	0	2
DOPASOIN	0	0	3	0

DOPA URGENCES	2	0	0	0
DPU	0	0	1	0
DXCARE	1	0	2	0
EMED	0	0	1	0
EXPERT SANTÉ	0	0	1	0
HOPITAL MANAGER	0	0	0	0
MANUEL	0	0	0	0
MEDIBASE	0	0	0	0
MEDIBOARD	0	0	2	0
MÉDICAL OBJECT	0	0	2	0
MEDINTUX	0	0	0	1
MEDIS	0	0	0	0
M-PLUS	0	0	0	0
NAFAMA	1	0	0	0
ORBIS	0	0	0	0
ORUV2	0	0	4	0
OSIRIS	0	0	1	0
OSOFT	0	0	0	0
POLYMEDIS	5	0	0	0
QCARE	0	0	0	1
RESURGENCES	1	6	0	2
RPUEXPRESS	0	0	2	0
SANOCOM	0	0	0	0
SHAREGATE	0	0	0	0
SIDSU	0	0	0	0
SIGEMS	0	0	0	0
SILLAGE DMU	0	0	0	0
SILLAGE URGENCES	0	0	0	0
SPEC 4D	0	1	0	0
TRACK CARE	0	0	0	0
TU-ORUPACA	0	0	2	42
URQUAL	3	2	5	2

Nombre de logiciels différents par région

ALSACE	AQUITAINE	BOURGOGNE
7	14	10
BRETAGNE	CHAMPAGNE ARDENNES	LIMOUSIN
8	7	3
MIDI PYRENEES	PACA	
17	6	

4.3 Cartographie des logiciels

TU–ORUPACA
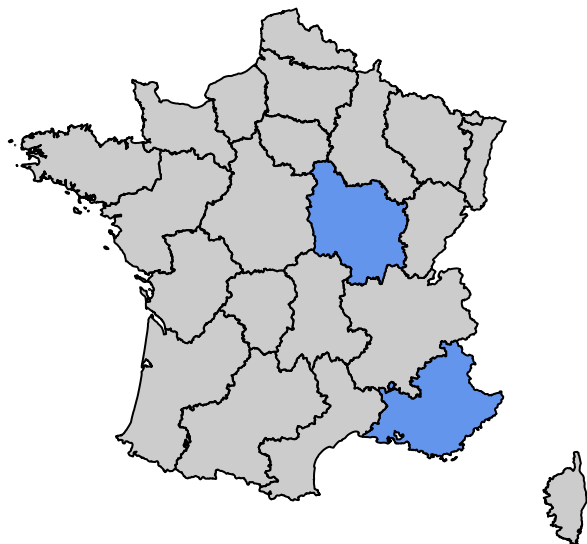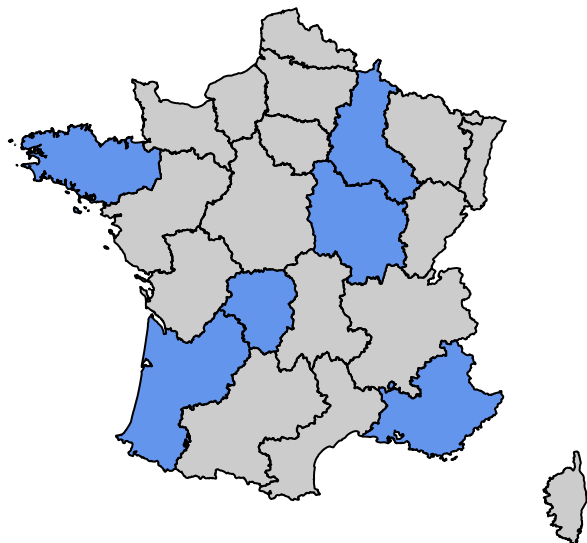
RESURGENCES
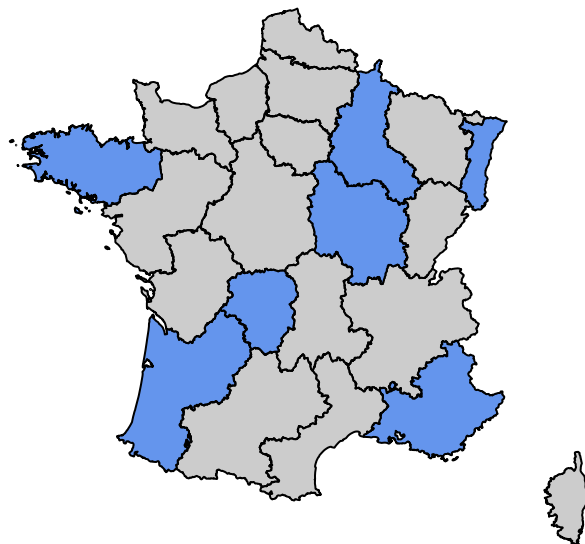
URQUAL

DMU
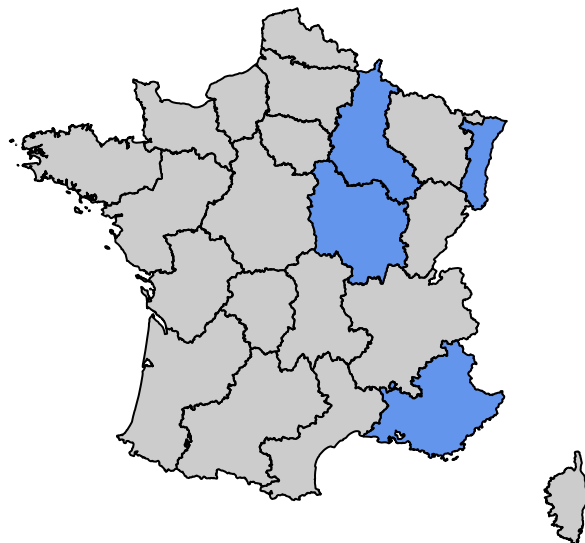
SILLAGE DMU
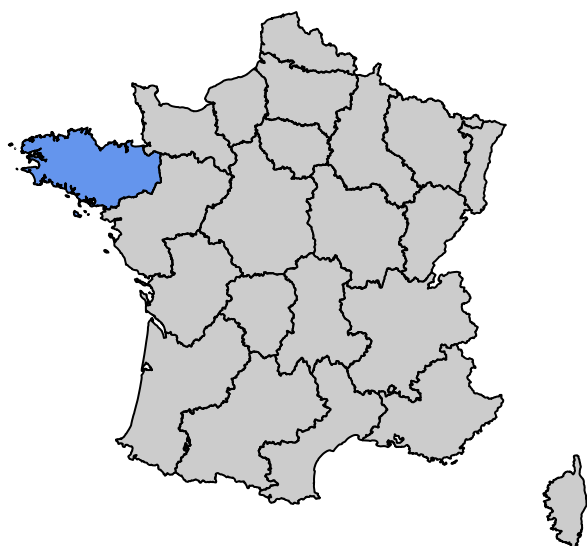
DXCARE
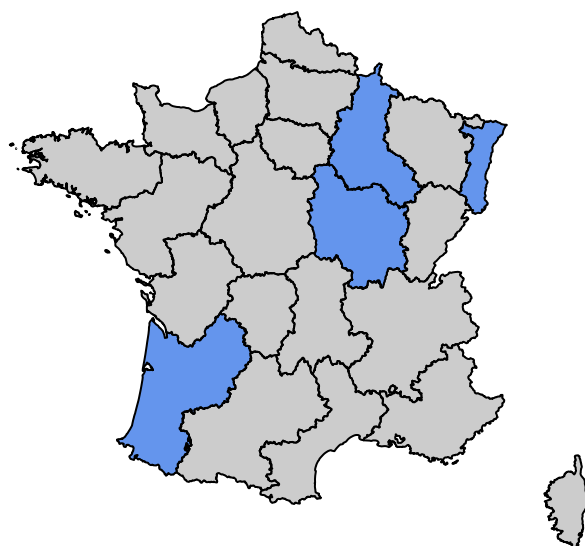
ATALANTE
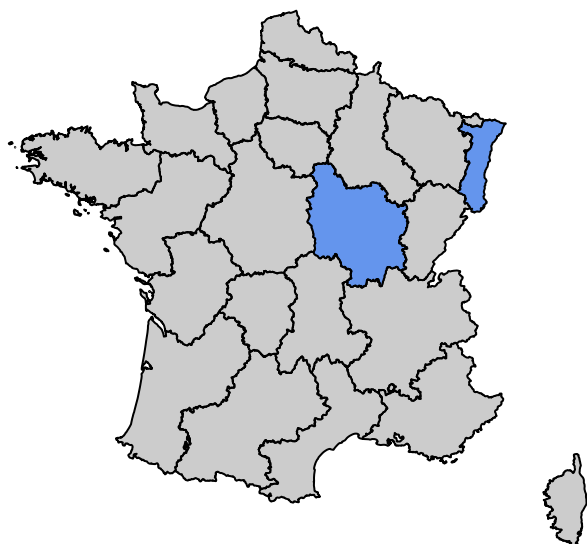
SIDSU
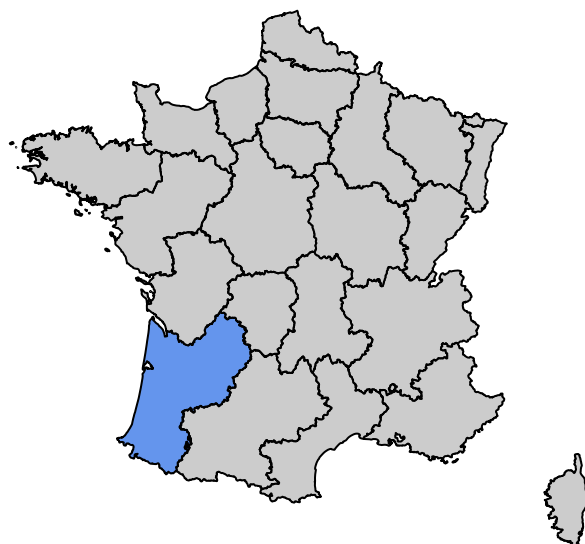
4.4 Un logiciel est présent dans combien de régions ?

Diffusion régionale des logiciels
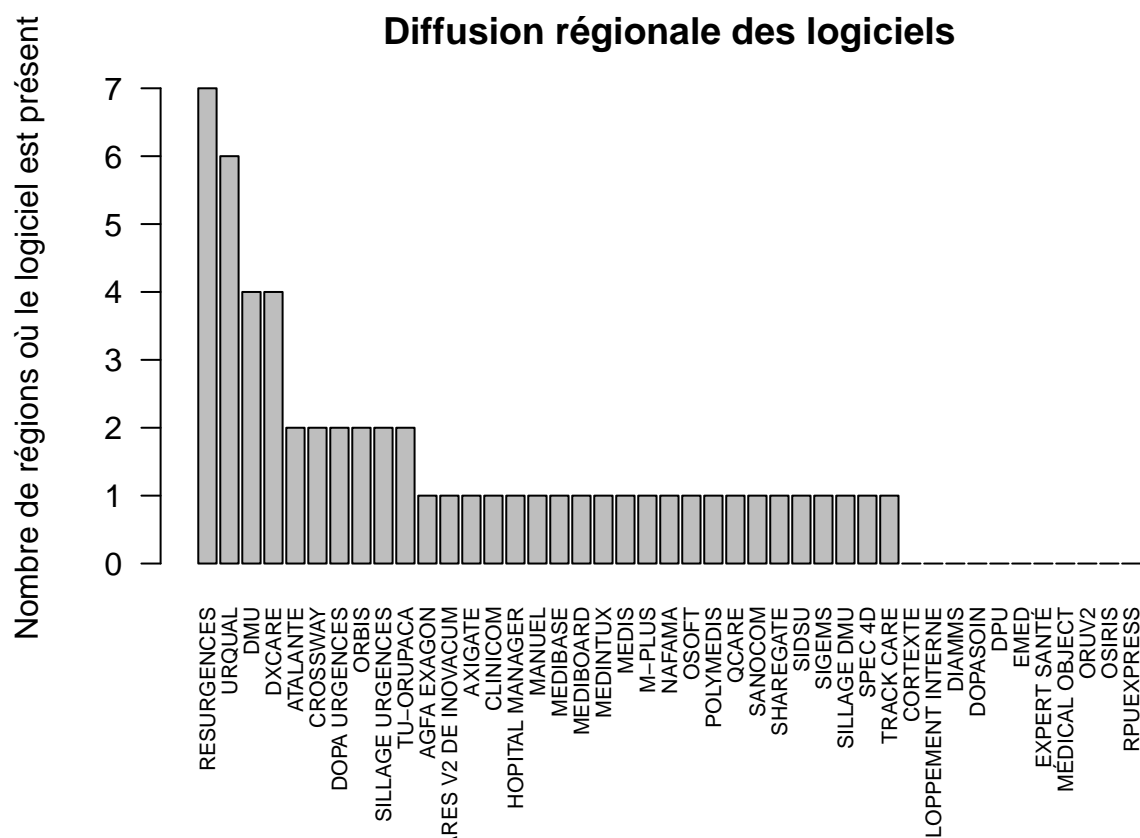
5 Analyse des RPU

Nombre de RPU produits: 1620416

5.1 Nombre de RPU par logiciel

	Nb de RPU
URQUAL	370184
TU-ORUPACA	362364
RESURGENCES	227566
DXCARE	97207
DMU	80896
CROSSWAY	60207
SILLAGE URGENCES	58588
ATALANTE	44712
SIDSU	44401
SILLAGE DMU	23602
MEDIBOARD	22580
POLYMEDIS	20363
MEDIS	13948
MÉDICAL OBJECT	12577
CORTEXTE	12369
TRACK CARE	11345

```
ORUV2                      10715
DOPA URGENCES              10420
M-PLUS                      9970
CLINICOM                    9565
ORBIS                       9383
DOPASOIN                    9329
ANTARES V2 DE INOVACUM      8974
SHAREGATE                   8639
SANOCOM                     7150
EXPERT SANTÉ                7058
SPEC 4D                     7015
OSOFT                       6808
MEDINTUX                    6224
DPU                         5373
RPUEXPRESS                  5205
NAFAMA                      5156
QCARE                       5131
AXIGATE                     4282
SIGEMS                      3266
MEDIBASE                    2913
HOPITAL MANAGER             2644
AGFA EXAGON                 2541
MANUEL                      2504
OSIRIS                      2019
DIAMMS                      1833
DEVELOPPEMENT INTERNE       1767
EMED                        1623
```

5.2   Nombre de jours manquants

5.2.1   Par logiciel

```
                       Nb de jours manquants
URQUAL                                   117
TU-ORUPACA                                90
SILLAGE URGENCES                          84
CROSSWAY                                  63
DOPASOIN                                  59
EMED                                      50
ORBIS                                     35
RESURGENCES                                5
CLINICOM                                   4
HOPITAL MANAGER                            3
ATALANTE                                   2
DMU                                        2
ANTARES V2 DE INOVACUM                     1
MEDIBOARD                                  1
AGFA EXAGON                                0
AXIGATE                                    0
CORTEXTE                                   0
DEVELOPPEMENT INTERNE                      0
DIAMMS                                     0
DOPA URGENCES                              0
```

```
DPU                              0
DXCARE                           0
EXPERT SANTÉ                     0
MANUEL                           0
MEDIBASE                         0
MÉDICAL OBJECT                   0
MEDINTUX                         0
MEDIS                            0
M-PLUS                           0
NAFAMA                           0
ORUV2                            0
OSIRIS                           0
OSOFT                            0
POLYMEDIS                        0
QCARE                            0
RPUEXPRESS                       0
SANOCOM                          0
SHAREGATE                        0
SIDSU                            0
SIGEMS                           0
SILLAGE DMU                      0
SPEC 4D                          0
TRACK CARE                       0
```

5.2.2 Par région

```
               Nb de jours manquants
PACA                             180
MIDI PYRENEES                    111
BRETAGNE                         104
AQUITAINE                         63
ALSACE                            34
BOURGOGNE                         21
CHAMPAGNE ARDENNES                 3
LIMOUSIN                           0
```

6   Indicateurs

Trois indicateurs ont été retenus:

- Date de naissance
- Diagnostic principal (DP)
- Mode de sortie

Chaque indicateur a été évalué sur deux critères: **conformité** et **exhaustivité**.

6.1   Date de naissance

- taux de conformité:

```
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.    NA's
   0.00  100.00  100.00   99.57  100.00  100.00       5
```

- conformité par outil:

```
                           Min    Max   moyenne     ecart-type Nb
AGFA EXAGON              100.00 100.00 100.00000            NA  1
ANTARES V2 DE INOVACUM  100.00 100.00 100.00000   0.000000000  2
ATALANTE                 100.00 100.00 100.00000   0.000000000  9
AXIGATE                  100.00 100.00 100.00000            NA  1
CLINICOM                 100.00 100.00 100.00000   0.000000000  2
CORTEXTE                 100.00 100.00 100.00000   0.000000000  2
CROSSWAY                  99.98 100.00  99.99727   0.006466698 12
DEVELOPPEMENT INTERNE     99.94  99.94  99.94000            NA  1
DIAMMS                   100.00 100.00 100.00000            NA  1
DMU                      100.00 100.00 100.00000   0.000000000 14
DOPASOIN                  99.96 100.00  99.97333   0.023094011  3
DOPA URGENCES            100.00 100.00 100.00000   0.000000000  3
DPU                      100.00 100.00 100.00000            NA  1
DXCARE                   100.00 100.00 100.00000   0.000000000 13
EMED                     100.00 100.00 100.00000            NA  1
EXPERT SANTÉ             100.00 100.00 100.00000            NA  1
HOPITAL MANAGER          100.00 100.00 100.00000   0.000000000  2
MANUEL                   100.00 100.00 100.00000            NA  1
MEDIBASE                 100.00 100.00 100.00000            NA  1
MEDIBOARD                 99.98 100.00  99.99500   0.010000000  4
MÉDICAL OBJECT           100.00 100.00 100.00000   0.000000000  2
MEDINTUX                  99.92  99.92  99.92000            NA  1
MEDIS                    100.00 100.00 100.00000   0.000000000  2
M-PLUS                   100.00 100.00 100.00000            NA  1
NAFAMA                    99.80  99.80  99.80000            NA  1
ORBIS                    100.00 100.00 100.00000   0.000000000  3
ORUV2                     98.74 100.00  99.64750   0.607144958  4
OSIRIS                    99.90  99.90  99.90000            NA  1
OSOFT                    100.00 100.00 100.00000   0.000000000  2
POLYMEDIS                100.00 100.00 100.00000   0.000000000  5
QCARE                     99.98  99.98  99.98000            NA  1
RESURGENCES               99.95 100.00  99.99769   0.009922779 27
RPUEXPRESS                99.89 100.00  99.94500   0.077781746  2
SANOCOM                  100.00 100.00 100.00000   0.000000000  2
SHAREGATE                100.00 100.00 100.00000   0.000000000  2
SIDSU                    100.00 100.00 100.00000   0.000000000  9
SIGEMS                   100.00 100.00 100.00000            NA  2
SILLAGE DMU              100.00 100.00 100.00000   0.000000000  4
SILLAGE URGENCES         100.00 100.00 100.00000   0.000000000 14
SPEC 4D                  100.00 100.00 100.00000            NA  1
TRACK CARE               100.00 100.00 100.00000            NA  1
TU-ORUPACA                 0.00 100.00  97.77778  14.907119850 45
URQUAL                    99.80 100.00  99.98529   0.047688083 36
```

Date de naissance – conformité
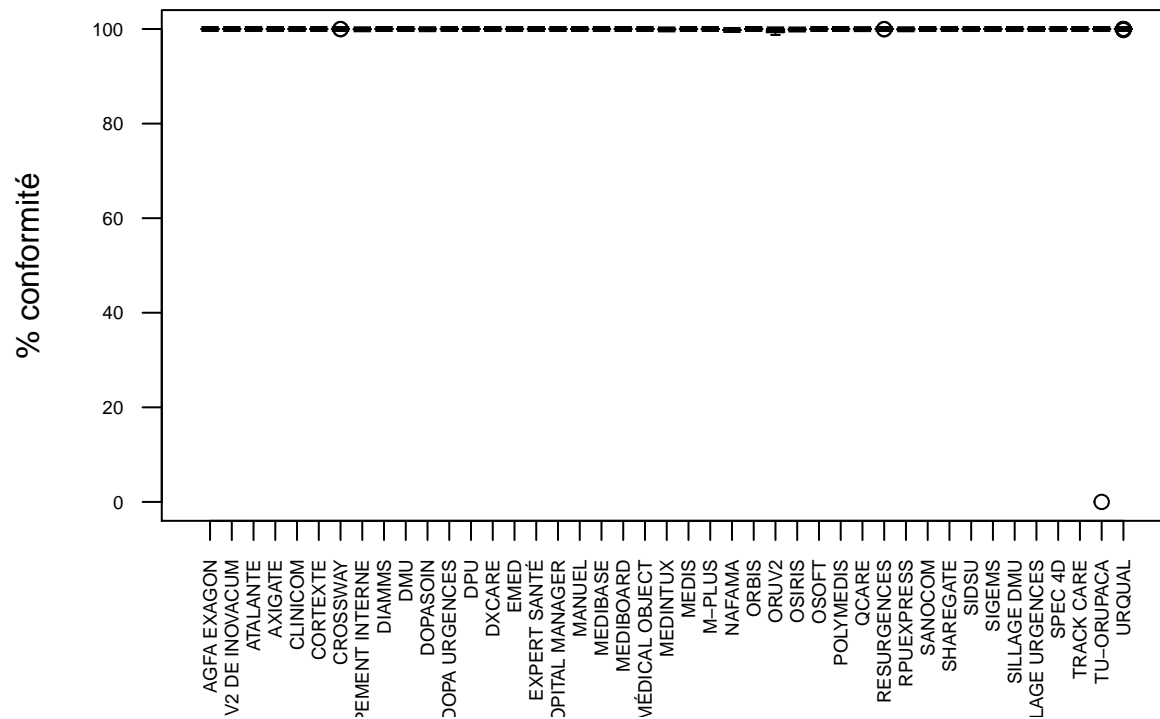
- taux d'exhaustivité:

```
Min. 1st Qu.  Median    Mean 3rd Qu.   Max.     NA's
0.00  100.00  100.00   99.58  100.00  100.00      5
```

- exhaustivité par outil

	Min	Max	moyenne	ecart-type	Nb
AGFA EXAGON	100.00	100.00	100.00000	NA	1
ANTARES V2 DE INOVACUM	100.00	100.00	100.00000	0.000000000	2
ATALANTE	100.00	100.00	100.00000	0.000000000	9
AXIGATE	100.00	100.00	100.00000	NA	1
CLINICOM	100.00	100.00	100.00000	0.000000000	2
CORTEXTE	100.00	100.00	100.00000	0.000000000	2
CROSSWAY	100.00	100.00	100.00000	0.000000000	12
DEVELOPPEMENT INTERNE	100.00	100.00	100.00000	NA	1
DIAMMS	100.00	100.00	100.00000	NA	1
DMU	100.00	100.00	100.00000	0.000000000	14
DOPASOIN	99.96	100.00	99.97333	0.023094011	3
DOPA URGENCES	100.00	100.00	100.00000	0.000000000	3
DPU	100.00	100.00	100.00000	NA	1
DXCARE	100.00	100.00	100.00000	0.000000000	13
EMED	100.00	100.00	100.00000	NA	1
EXPERT SANTÉ	100.00	100.00	100.00000	NA	1
HOPITAL MANAGER	100.00	100.00	100.00000	0.000000000	2
MANUEL	100.00	100.00	100.00000	NA	1
MEDIBASE	100.00	100.00	100.00000	NA	1

```
MEDIBOARD              100.00 100.00 100.00000  0.000000000  4
MÉDICAL OBJECT         100.00 100.00 100.00000  0.000000000  2
MEDINTUX                99.92  99.92  99.92000           NA  1
MEDIS                  100.00 100.00 100.00000  0.000000000  2
M-PLUS                 100.00 100.00 100.00000           NA  1
NAFAMA                  99.80  99.80  99.80000           NA  1
ORBIS                  100.00 100.00 100.00000  0.000000000  3
ORUV2                   99.97 100.00  99.99250  0.015000000  4
OSIRIS                 100.00 100.00 100.00000           NA  1
OSOFT                  100.00 100.00 100.00000  0.000000000  2
POLYMEDIS              100.00 100.00 100.00000  0.000000000  5
QCARE                   99.98  99.98  99.98000           NA  1
RESURGENCES             99.95 100.00  99.99769  0.009922779 27
RPUEXPRESS             100.00 100.00 100.00000  0.000000000  2
SANOCOM                100.00 100.00 100.00000  0.000000000  2
SHAREGATE              100.00 100.00 100.00000  0.000000000  2
SIDSU                  100.00 100.00 100.00000  0.000000000  9
SIGEMS                 100.00 100.00 100.00000           NA  2
SILLAGE DMU            100.00 100.00 100.00000  0.000000000  4
SILLAGE URGENCES       100.00 100.00 100.00000  0.000000000 14
SPEC 4D                100.00 100.00 100.00000           NA  1
TRACK CARE             100.00 100.00 100.00000           NA  1
TU-ORUPACA               0.00 100.00  97.77778 14.907119850 45
URQUAL                  99.99 100.00  99.99971  0.001714986 36
```

Date de naissance – exhaustivité

14
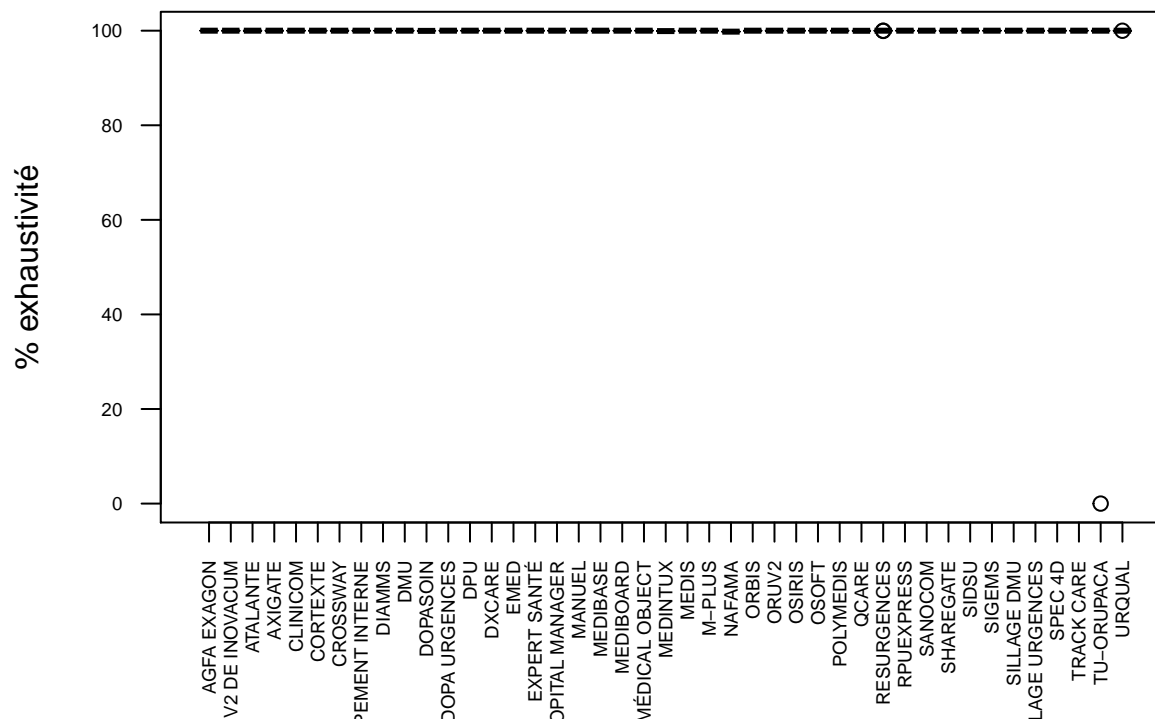
6.2 Diagnostic (DP)

- taux de conformité:

```
 Min. 1st Qu.  Median    Mean 3rd Qu.    Max.     NA's
 0.00   37.00   92.40   69.98   98.24  100.00        6
```

- conformité par outil

```
                           Min     Max    moyenne  ecart-type Nb
AGFA EXAGON              12.00   12.00   12.00000          NA  1
ANTARES V2 DE INOVACUM   45.84   90.51   68.17500 31.58645992  2
ATALANTE                  0.00   98.95   38.23222 35.61581102  9
AXIGATE                   0.00    0.00    0.00000          NA  1
CLINICOM                 96.14   98.03   97.08500  1.33643182  2
CORTEXTE                 87.11   99.49   93.30000  8.75398195  2
CROSSWAY                  0.00  100.00   54.80636 42.90460238 12
DEVELOPPEMENT INTERNE   100.00  100.00  100.00000          NA  1
DIAMMS                   78.56   78.56   78.56000          NA  1
DMU                      56.80  100.00   91.39615 13.10928649 14
DOPASOIN                  0.00   97.49   32.49667 56.28587774  3
DOPA URGENCES             0.00   62.90   20.96667 36.31533193  3
DPU                      92.18   92.18   92.18000          NA  1
DXCARE                    0.00   98.90   54.74923 35.50656429 13
EMED                     97.54   97.54   97.54000          NA  1
EXPERT SANTÉ             29.20   29.20   29.20000          NA  1
HOPITAL MANAGER          95.00  100.00   97.50000  3.53553391  2
MANUEL                   98.00   98.00   98.00000          NA  1
MEDIBASE                 96.40   96.40   96.40000          NA  1
MEDIBOARD                 0.73   43.20   27.90250 20.15014702  4
MÉDICAL OBJECT           49.76   90.77   70.26500 28.99844910  2
MEDINTUX                 92.15   92.15   92.15000          NA  1
MEDIS                    19.70   19.70   19.70000  0.00000000  2
M-PLUS                   83.50   83.50   83.50000          NA  1
NAFAMA                   98.50   98.50   98.50000          NA  1
ORBIS                     0.00    0.00    0.00000  0.00000000  3
ORUV2                     0.00   98.90   58.10250 48.84531528  4
OSIRIS                  100.00  100.00  100.00000          NA  1
OSOFT                    98.60   98.60   98.60000  0.00000000  2
POLYMEDIS                97.40   99.70   98.50000  1.04403065  5
QCARE                     0.00    0.00    0.00000          NA  1
RESURGENCES              76.00  100.00   95.85769  5.31301670 27
RPUEXPRESS               87.22   91.95   89.58500  3.34461508  2
SANOCOM                  76.70   83.30   80.00000  4.66690476  2
SHAREGATE                 0.00    0.10    0.05000  0.07071068  2
SIDSU                    27.30   99.80   87.05556 22.82515669  9
SIGEMS                    8.40    8.40    8.40000          NA  2
SILLAGE DMU               0.90   10.50    5.70000  5.54256258  4
SILLAGE URGENCES          0.00   95.00   53.52857 43.21147334 14
SPEC 4D                  85.57   85.57   85.57000          NA  1
TRACK CARE               96.30   96.30   96.30000          NA  1
TU-ORUPACA                0.00   99.29   92.82267 15.63095899 45
URQUAL                    0.00  100.00   56.44235 42.68007491 36
```

Diagnostic principal – conformité
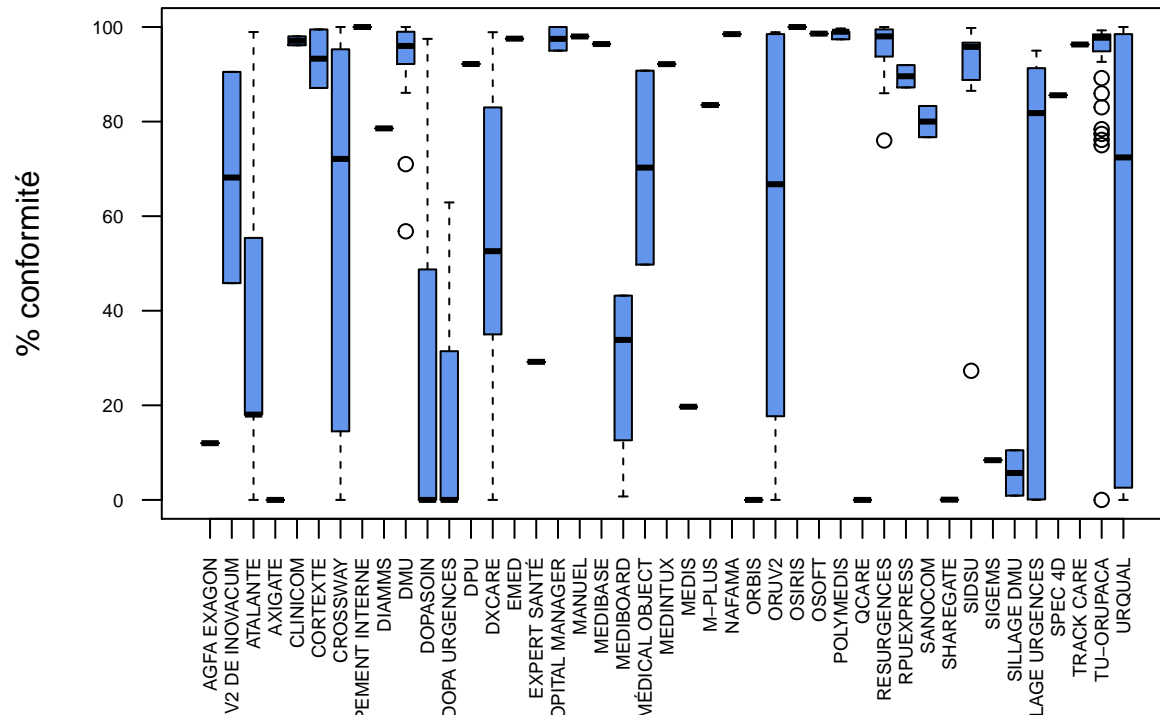
- taux de exhaustivité:

```
 Min. 1st Qu.  Median   Mean 3rd Qu.   Max.    NA's
 0.00   43.20   93.10  70.92   98.40 100.00      6
```

- exhaustivité par outil

	Min	Max	moyenne	ecart-type	Nb
AGFA EXAGON	12.00	12.00	12.00000	NA	1
ANTARES V2 DE INOVACUM	45.84	90.51	68.17500	31.58645992	2
ATALANTE	0.00	98.95	38.23222	35.61581102	9
AXIGATE	0.00	0.00	0.00000	NA	1
CLINICOM	96.14	98.03	97.08500	1.33643182	2
CORTEXTE	87.57	99.52	93.54500	8.44992604	2
CROSSWAY	0.00	100.00	54.81909	42.91168360	12
DEVELOPPEMENT INTERNE	100.00	100.00	100.00000	NA	1
DIAMMS	78.72	78.72	78.72000	NA	1
DMU	56.90	100.00	91.40923	13.08995446	14
DOPASOIN	0.00	97.71	32.57000	56.41289480	3
DOPA URGENCES	0.00	62.90	20.96667	36.31533193	3
DPU	92.18	92.18	92.18000	NA	1
DXCARE	0.00	98.90	54.74923	35.50656429	13
EMED	97.60	97.60	97.60000	NA	1
EXPERT SANTÉ	29.22	29.22	29.22000	NA	1
HOPITAL MANAGER	95.00	100.00	97.50000	3.53553391	2
MANUEL	99.00	99.00	99.00000	NA	1
MEDIBASE	96.40	96.40	96.40000	NA	1

```
MEDIBOARD               0.73    43.20   27.90250  20.15014702   4
MÉDICAL OBJECT         49.76    90.77   70.26500  28.99844910   2
MEDINTUX              100.00   100.00  100.00000           NA   1
MEDIS                  19.70    19.70   19.70000   0.00000000   2
M-PLUS                 83.50    83.50   83.50000           NA   1
NAFAMA                 99.80    99.80   99.80000           NA   1
ORBIS                   0.00     0.00    0.00000   0.00000000   3
ORUV2                   0.00    98.90   58.18500  48.93563017   4
OSIRIS                100.00   100.00  100.00000           NA   1
OSOFT                  98.60    98.60   98.60000   0.00000000   2
POLYMEDIS              97.40    99.70   98.74000   0.84734881   5
QCARE                   0.00     0.00    0.00000           NA   1
RESURGENCES            76.00   100.00   96.08077   5.00124378  27
RPUEXPRESS             87.22    91.95   89.58500   3.34461508   2
SANOCOM                76.70    83.30   80.00000   4.66690476   2
SHAREGATE               0.00     0.10    0.05000   0.07071068   2
SIDSU                  27.30    99.80   87.05556  22.82515669   9
SIGEMS                  8.40     8.40    8.40000           NA   2
SILLAGE DMU             0.90    10.50    5.70000   5.54256258   4
SILLAGE URGENCES        0.00    95.00   53.52857  43.21147334  14
SPEC 4D                85.57    85.57   85.57000           NA   1
TRACK CARE             96.30    96.30   96.30000           NA   1
TU-ORUPACA              0.00    99.29   92.83622  15.63379909  45
URQUAL                  0.00   100.00   62.41706  41.23425066  36
```

Diagnostic principal – exhaustivité
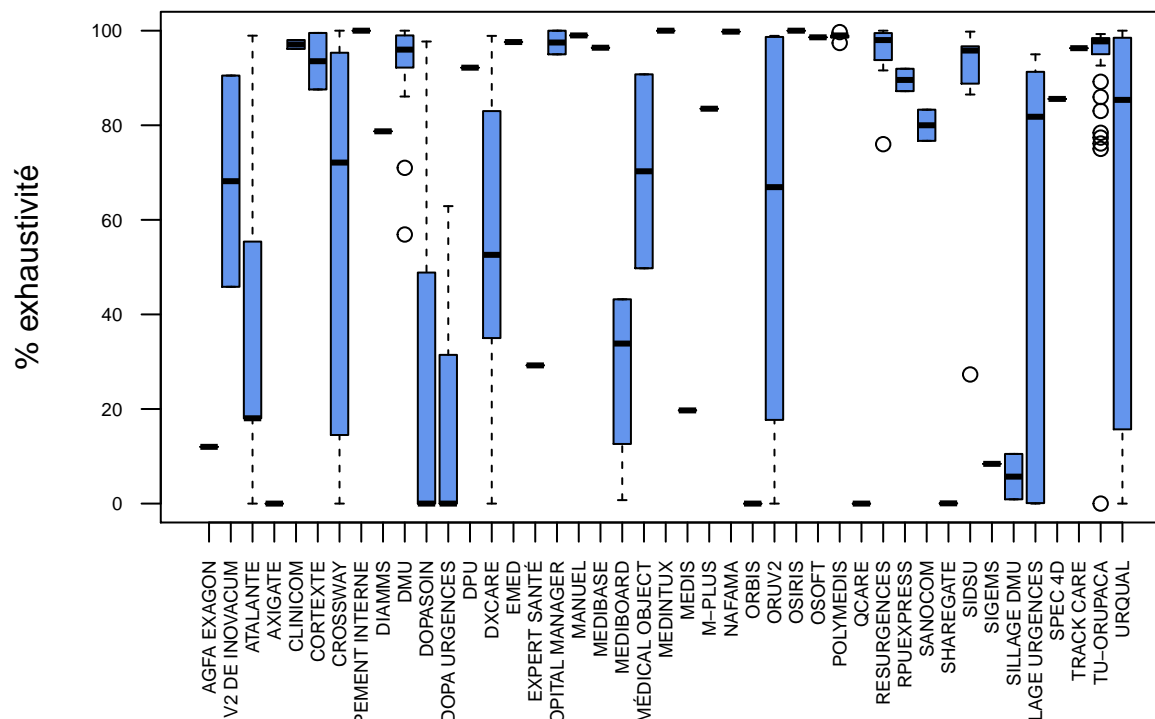
6.3 Mode de sortie (MS)

- taux de conformité:

```
Warning: NAs introduits lors de la conversion automatique

  Min. 1st Qu.  Median    Mean 3rd Qu.    Max.    NA's
  0.00   93.88   99.50   87.70   99.99  100.00       5
```
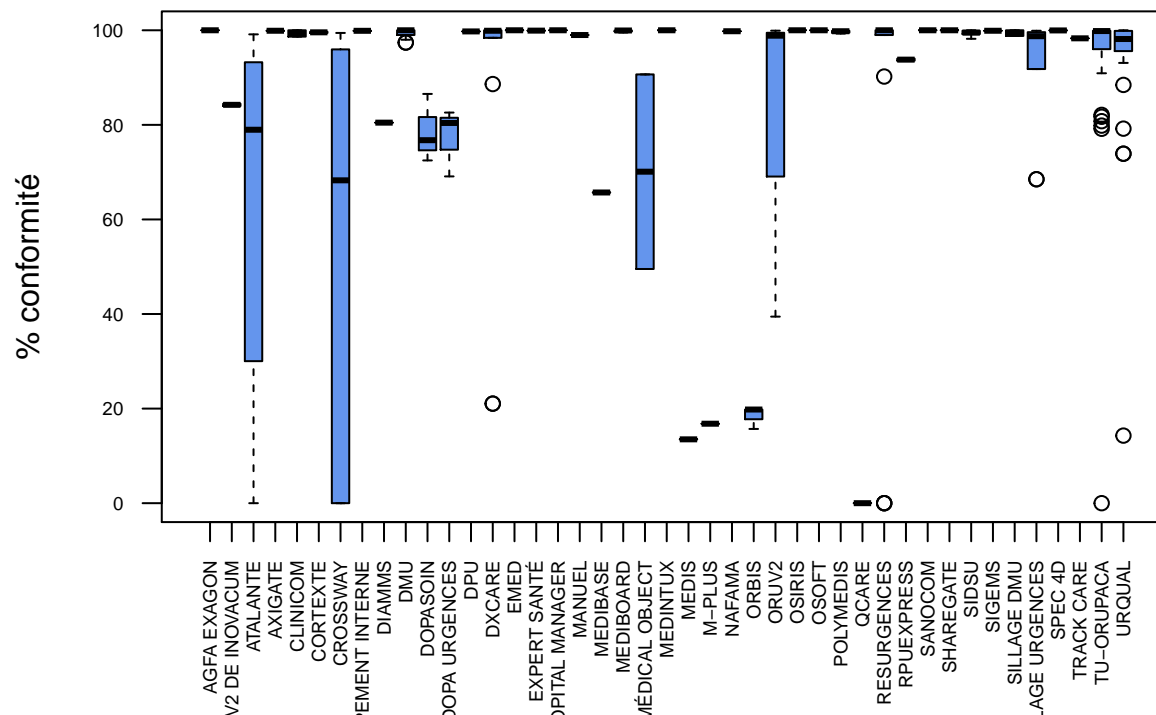
- conformité par outil

```
                            Min    Max   moyenne ecart-type Nb
AGFA EXAGON              100.00 100.00 100.00000         NA  1
ANTARES V2 DE INOVACUM    83.99  84.48  84.23500  0.3464823  2
ATALANTE                   0.00  99.14  59.77889 37.0790394  9
AXIGATE                   99.90  99.90  99.90000         NA  1
CLINICOM                  98.66 100.00  99.33000  0.9475231  2
CORTEXTE                  99.43  99.70  99.56500  0.1909188  2
CROSSWAY                   0.00  99.44  49.59364 47.9639632 12
DEVELOPPEMENT INTERNE     99.89  99.89  99.89000         NA  1
DIAMMS                    80.47  80.47  80.47000         NA  1
DMU                       97.41 100.00  99.39071  1.0119096 14
DOPASOIN                  72.48  86.54  78.59333  7.2070614  3
DOPA URGENCES             69.10  82.60  77.36667  7.2431577  3
DPU                       99.76  99.76  99.76000         NA  1
DXCARE                    21.05 100.00  86.82538 29.3565517 13
EMED                     100.00 100.00 100.00000         NA  1
EXPERT SANTÉ              99.93  99.93  99.93000         NA  1
HOPITAL MANAGER          100.00 100.00 100.00000  0.0000000  2
MANUEL                    99.00  99.00  99.00000         NA  1
MEDIBASE                  65.70  65.70  65.70000         NA  1
MEDIBOARD                 99.53  99.96  99.85000  0.2133854  4
MÉDICAL OBJECT            49.52  90.67  70.09500 29.0974440  2
MEDINTUX                 100.00 100.00 100.00000         NA  1
MEDIS                     13.50  13.50  13.50000  0.0000000  2
M-PLUS                    16.80  16.80  16.80000         NA  1
NAFAMA                    99.80  99.80  99.80000         NA  1
ORBIS                     15.70  19.80  18.43333  2.3671361  3
ORUV2                     39.45  99.92  84.27000 29.8845211  4
OSIRIS                   100.00 100.00 100.00000         NA  1
OSOFT                    100.00 100.00 100.00000  0.0000000  2
POLYMEDIS                 99.30  99.90  99.68000  0.2683282  5
QCARE                      0.00   0.00   0.00000         NA  1
RESURGENCES                0.00 100.00  87.95385 32.4504998 27
RPUEXPRESS                93.58  94.01  93.79500  0.3040559  2
SANOCOM                  100.00 100.00 100.00000  0.0000000  2
SHAREGATE                100.00 100.00 100.00000  0.0000000  2
SIDSU                     98.20 100.00  99.45556  0.5659309  9
SIGEMS                    99.90  99.90  99.90000         NA  2
SILLAGE DMU               98.80 100.00  99.40000  0.6928203  4
SILLAGE URGENCES          68.50  99.90  93.73571 11.0225369 14
SPEC 4D                   99.97  99.97  99.97000         NA  1
TRACK CARE                98.30  98.30  98.30000         NA  1
```

```
TU-ORUPACA                    0.00 100.00  94.65756 15.6655159 45
URQUAL                       14.29 100.00  93.47882 15.6017943 36
```

Mode de sortie – conformité

- taux de exhaustivité:

```
Warning: NAs introduits lors de la conversion automatique
```

```
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.    NA's
   0.00   95.10   99.60   88.11  100.00  100.00       5
```

- exhaustivité par outil

```
                          Min     Max   moyenne   ecart-type Nb
AGFA EXAGON            100.00 100.00 100.00000           NA  1
ANTARES V2 DE INOVACUM  83.99  84.48  84.23500  0.34648232  2
ATALANTE                 0.00  99.14  59.77889 37.07903938  9
AXIGATE               100.00 100.00 100.00000           NA  1
CLINICOM                99.92 100.00  99.96000  0.05656854  2
CORTEXTE                99.43  99.70  99.56500  0.19091883  2
CROSSWAY                 0.00  99.44  49.60273 47.97343850 12
DEVELOPPEMENT INTERNE 100.00 100.00 100.00000           NA  1
DIAMMS                  80.47  80.47  80.47000           NA  1
DMU                     97.41 100.00  99.39071  1.01190958 14
DOPASOIN                72.48 100.00  86.34000 13.76109007  3
DOPA URGENCES           69.10  82.60  77.36667  7.24315769  3
DPU                     99.76  99.76  99.76000           NA  1
```

```
DXCARE              21.05 100.00  86.85923 29.37125847 13
EMED               100.00 100.00 100.00000          NA  1
EXPERT SANTÉ       100.00 100.00 100.00000          NA  1
HOPITAL MANAGER    100.00 100.00 100.00000  0.00000000  2
MANUEL              99.00  99.00  99.00000          NA  1
MEDIBASE            65.70  65.70  65.70000          NA  1
MEDIBOARD           99.53  99.96  99.85000  0.21338541  4
MÉDICAL OBJECT      49.76  90.69  70.22500 28.94188055  2
MEDINTUX           100.00 100.00 100.00000          NA  1
MEDIS               13.50  13.50  13.50000  0.00000000  2
M-PLUS              16.80  16.80  16.80000          NA  1
NAFAMA              99.80  99.80  99.80000          NA  1
ORBIS               15.70  19.80  18.43333  2.36713610  3
ORUV2               99.04 100.00  99.71000  0.44944410  4
OSIRIS             100.00 100.00 100.00000          NA  1
OSOFT              100.00 100.00 100.00000  0.00000000  2
POLYMEDIS           99.30  99.90  99.68000  0.26832816  5
QCARE                0.00   0.00   0.00000          NA  1
RESURGENCES          0.00 100.00  87.95385 32.45049979 27
RPUEXPRESS          98.37  99.94  99.15500  1.11015765  2
SANOCOM            100.00 100.00 100.00000  0.00000000  2
SHAREGATE          100.00 100.00 100.00000  0.00000000  2
SIDSU               98.20 100.00  99.45556  0.56593089  9
SIGEMS              99.90  99.90  99.90000          NA  2
SILLAGE DMU         98.80 100.00  99.40000  0.69282032  4
SILLAGE URGENCES    68.50  99.90  93.73571 11.02253685 14
SPEC 4D             99.97  99.97  99.97000          NA  1
TRACK CARE          98.30  98.30  98.30000          NA  1
TU-ORUPACA           0.00 100.00  94.65756 15.66551586 45
URQUAL              14.29 100.00  93.47882 15.60179433 36
```

Mode de sortie – exhaustivité
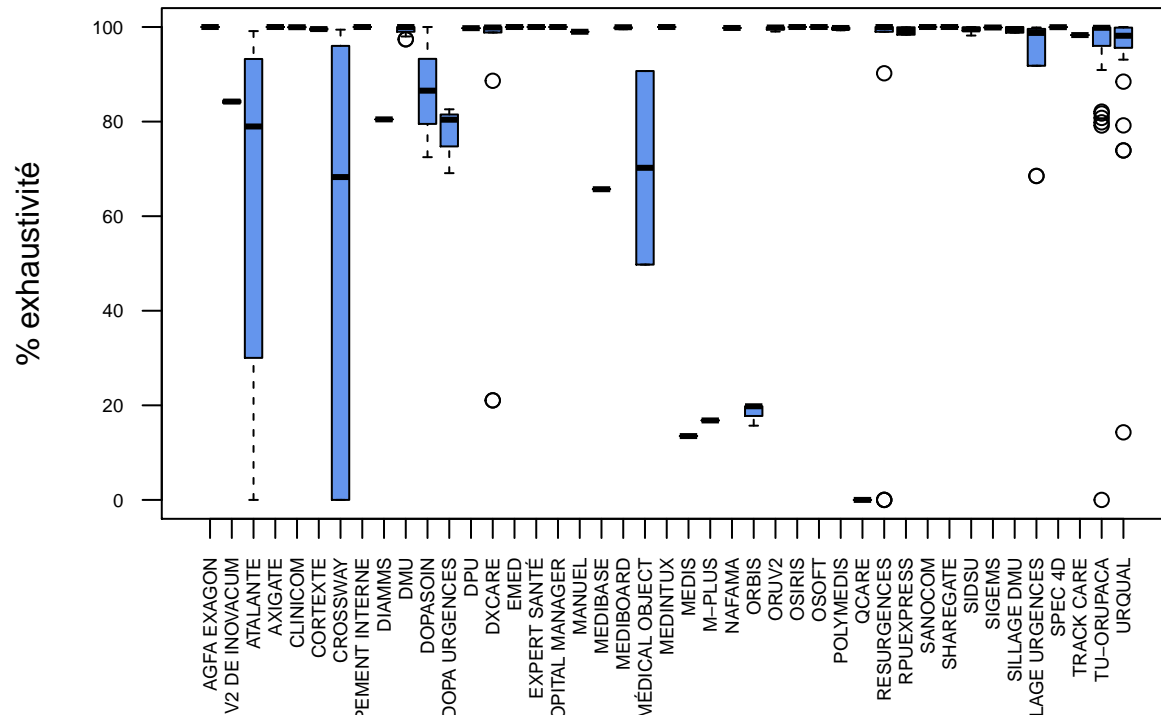
7 Conformité par région

7.1 Date de naissance

```
                   Min Max   moyenne   ecart-type Nb
ALSACE          100.00 100 100.00000  0.00000000 18
AQUITAINE       100.00 100 100.00000  0.00000000 35
BOURGOGNE       100.00 100 100.00000  0.00000000 23
BRETAGNE         99.80 100  99.99077  0.03904980 55
CHAMPAGNE ARDENNES 99.80 100 99.98750 0.05000000 16
LIMOUSIN         99.95 100  99.99333  0.01658312  9
MIDI PYRENEES    98.74 100  99.95054  0.20698827 37
PACA              0.00 100  97.99800 14.14185177 50
```

Date de naissance – conformité
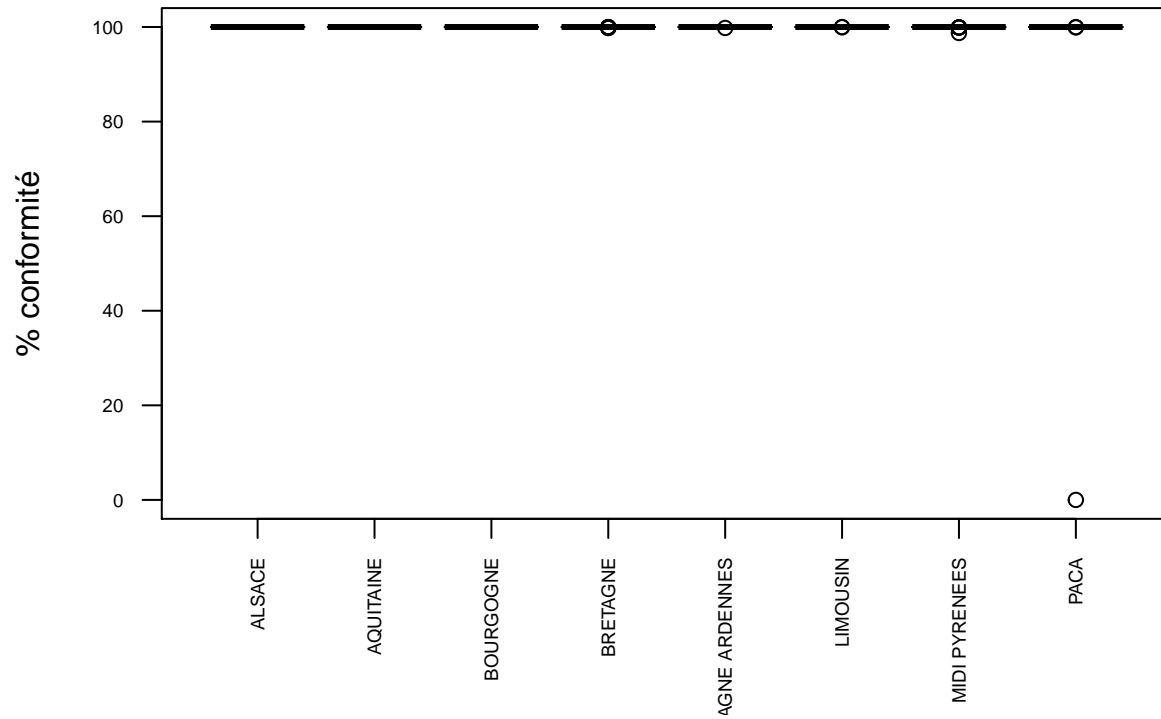
7.2 Diagnostic (DP)

	Min	Max	moyenne	ecart-type	Nb
ALSACE	0.00	98.95	50.13176	34.316355	18
AQUITAINE	0.00	99.80	63.42121	39.782563	35
BOURGOGNE	0.00	100.00	63.86957	44.685064	23
BRETAGNE	0.00	100.00	61.07250	40.936960	55
CHAMPAGNE ARDENNES	0.00	99.70	67.61875	41.100790	16
LIMOUSIN	85.57	98.98	96.81667	4.256727	9
MIDI PYRENEES	0.00	100.00	70.32676	37.940900	37
PACA	0.00	99.39	88.78780	23.584018	50

Diagnostic principal – conformité
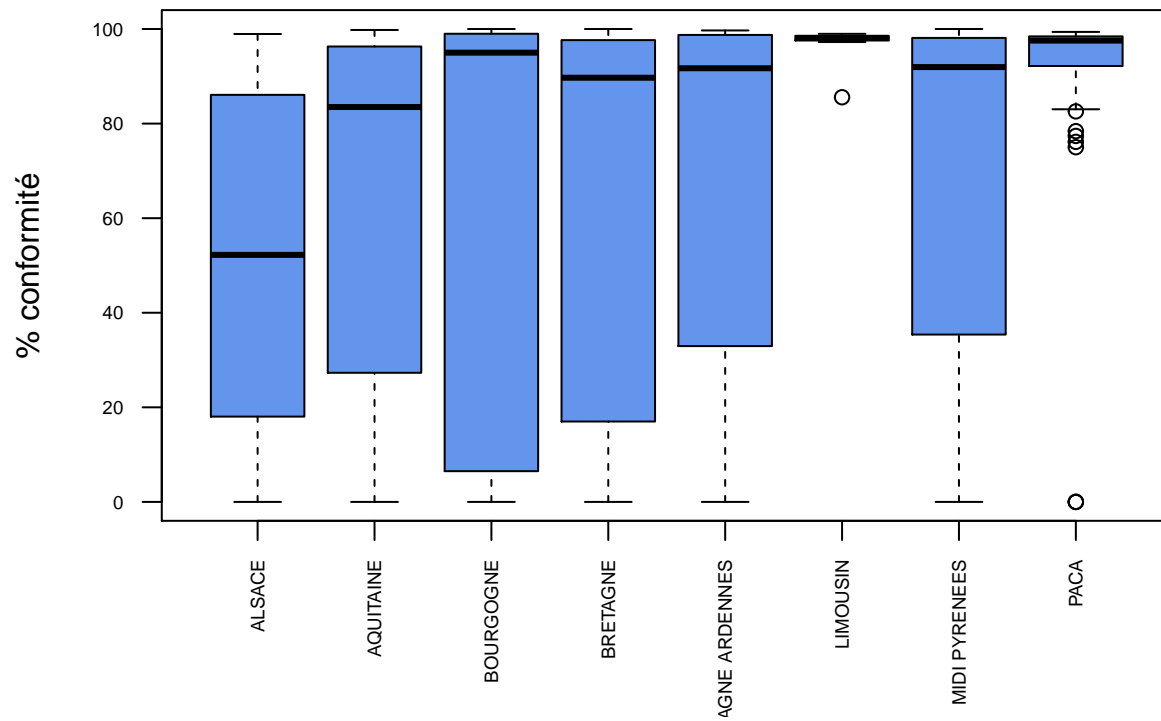
7.3 Mode de sortie (MS)

```
                       Min   Max   moyenne  ecart-type  Nb
ALSACE               15.70   100  68.77500  32.8245757  18
AQUITAINE             0.00   100  89.24242  27.5958220  35
BOURGOGNE             0.00   100  82.04348  38.5091232  23
BRETAGNE             13.50   100  90.35038  22.8208664  55
CHAMPAGNE ARDENNES   69.10   100  94.84375   9.6193533  16
LIMOUSIN             99.39   100  99.88667   0.2200568   9
MIDI PYRENEES         0.00   100  89.86405  20.8648135  37
PACA                  0.00   100  87.24620  29.0773015  50
```

Mode de sortie – conformité
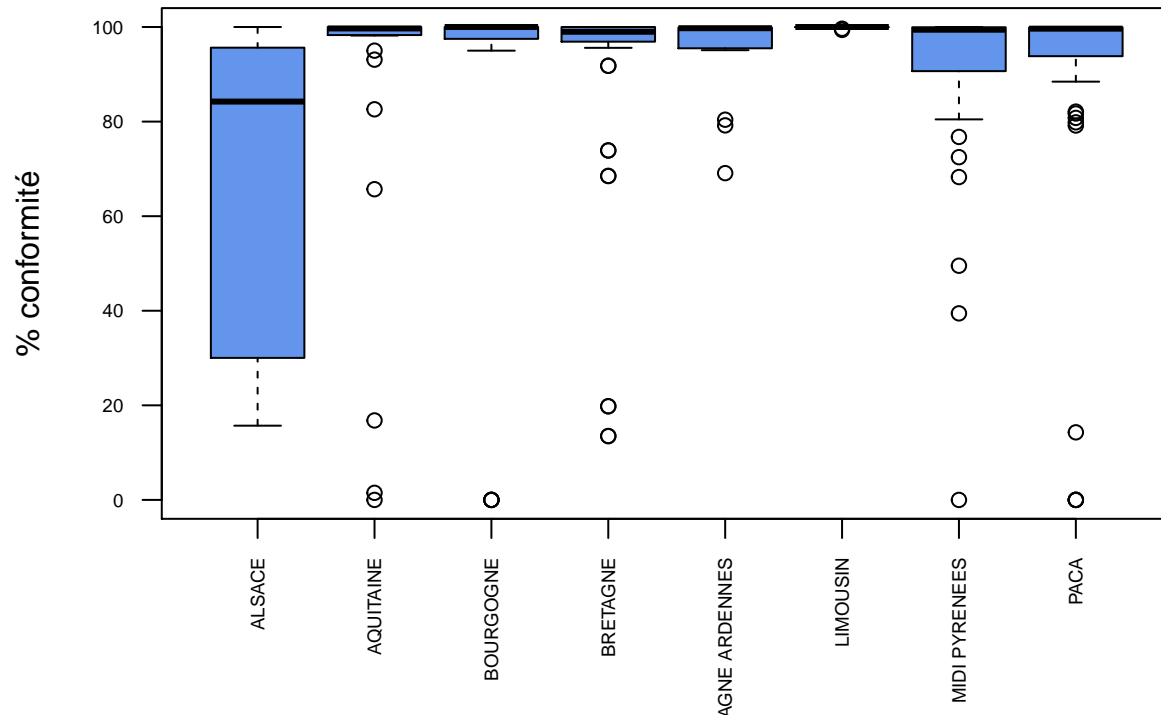
8 Exhaustivié par région

8.1 Date de naissance

```
                   Min Max   moyenne   ecart-type Nb
ALSACE            100.00 100 100.00000 0.00000000 18
AQUITAINE         100.00 100 100.00000 0.00000000 35
BOURGOGNE         100.00 100 100.00000 0.00000000 23
BRETAGNE          100.00 100 100.00000 0.00000000 55
CHAMPAGNE ARDENNES 99.80 100  99.98750 0.05000000 16
LIMOUSIN           99.95 100  99.99333 0.01658312  9
MIDI PYRENEES      99.96 100  99.99676 0.01028863 37
PACA                0.00 100  97.99800 14.14185177 50
```

Date de naissance – exhaustivité
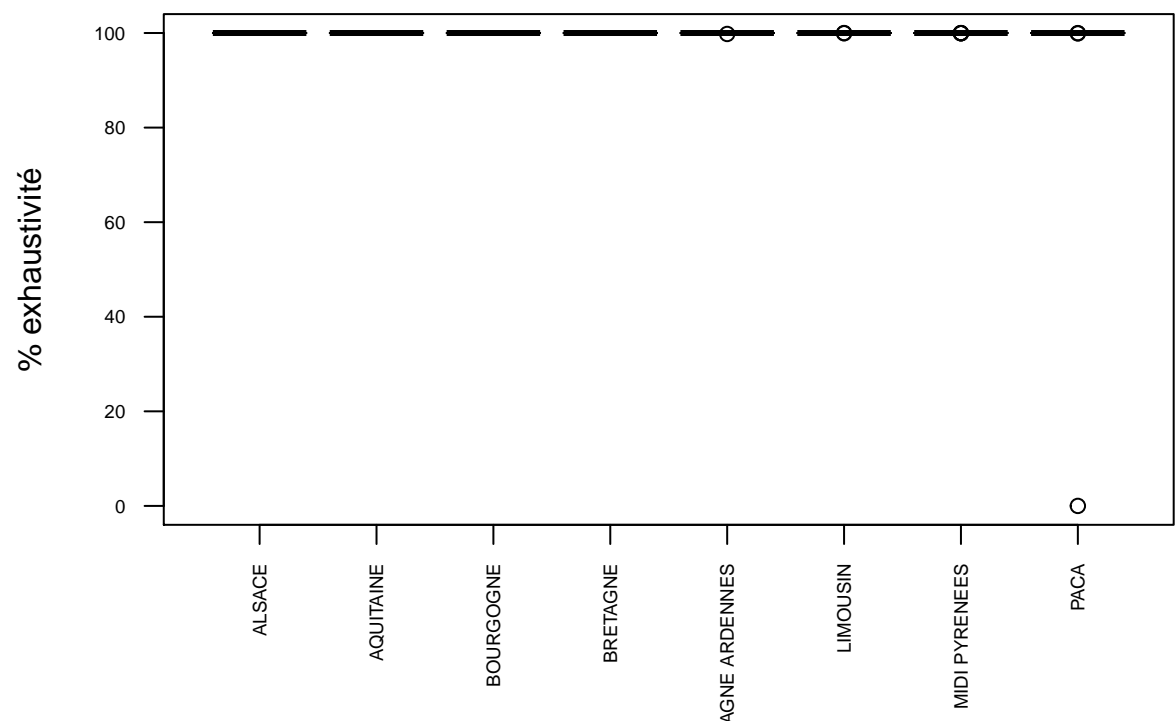
8.2 Diagnostic (DP)

```
                    Min     Max  moyenne ecart-type Nb
ALSACE             0.00   98.95 50.13176  34.316355 18
AQUITAINE          0.00   99.80 63.42424  39.784993 35
BOURGOGNE          0.00  100.00 63.91304  44.720255 23
BRETAGNE           0.00  100.00 62.72885  40.153125 55
CHAMPAGNE ARDENNES 0.00   99.80 74.30625  37.783161 16
LIMOUSIN          85.57   98.98 96.81667   4.256727  9
MIDI PYRENEES      0.00  100.00 70.79919  38.082150 37
PACA               0.00  100.00 89.00340  23.627537 50
```

Diagnostic principal – exhaustivité
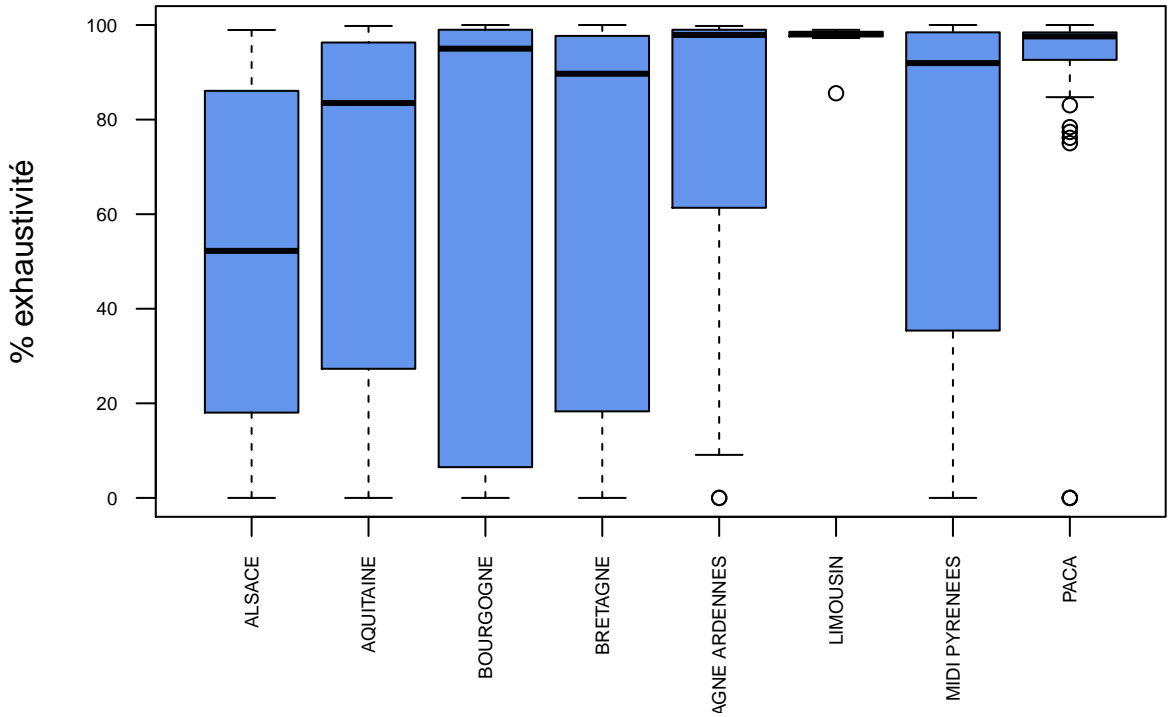
8.3   Mode de sortie (MS)

```
                    Min Max  moyenne ecart-type Nb
ALSACE            15.70 100 68.77500 32.8245757 18
AQUITAINE          0.00 100 89.24848 27.5976915 35
BOURGOGNE          0.00 100 82.04348 38.5091232 23
BRETAGNE          13.50 100 90.35038 22.8208664 55
CHAMPAGNE ARDENNES 69.10 100 94.84375  9.6193533 16
LIMOUSIN          99.39 100 99.88667  0.2200568  9
MIDI PYRENEES      0.00 100 92.50892 19.0664729 37
PACA               0.00 100 87.24620 29.0773015 50
```

Mode de sortie – exhaustivité
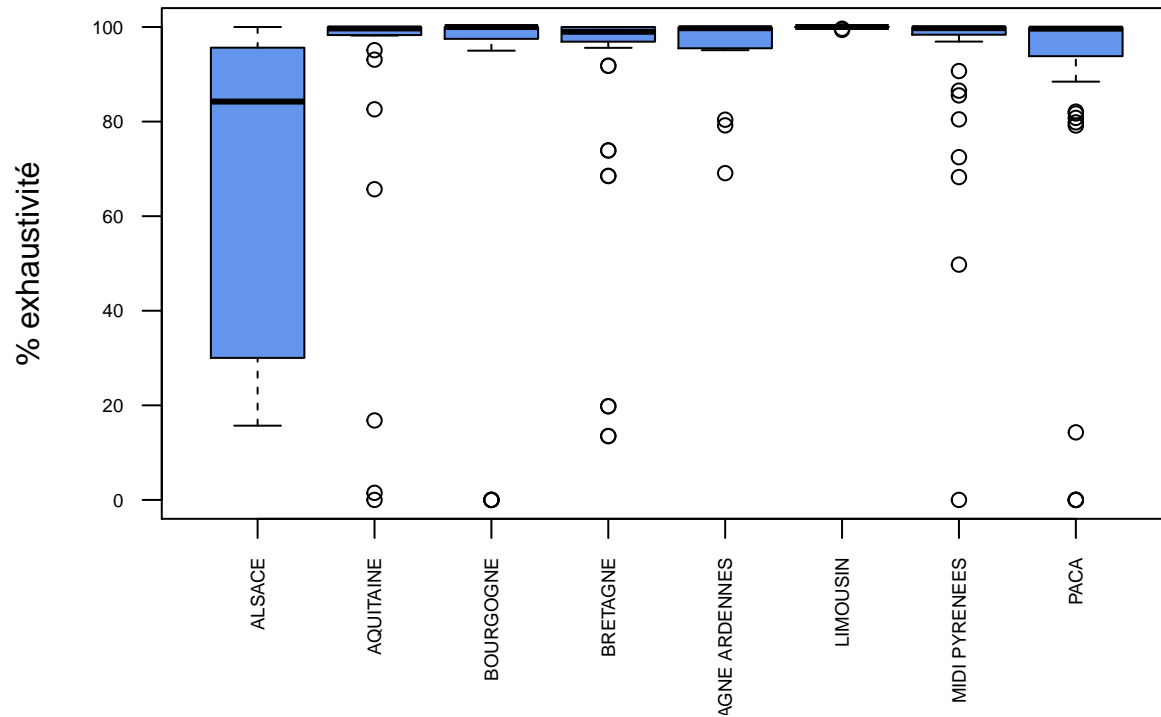
9   Résultats secondaires

9.1   % de SU ne faisant pas de remontée de RPU

```
 NON  OUI OUI
  17  225    1
```

```
[1] "7 %"     "92.59 %" "0.41 %"
```

Messges pour les éditeurs, la DGOS, les DSI qui est responsable de quoi ? intégratin systématique des thésaurus, démarche d'amélioration. Information proactive des sociétés savantes pour la publicationn des Référentiels: info systématique de la Fedoru. Focaliser sur les rectangles bleus. Voir si le n° de version permet de discriminer les urqual qui remntent de ceux qui remontent mal.