

# Enquête logiciels SU - Septembre 2015

*FEDORU*

*07/09/2015*

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## 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** contenant 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 18/9/2015

- données Bourgogne mises à jour

### 1.3 30/9/2015

- intégration des données de la Franche-comté

### 1.4 Récupération des fichiers csv

- les 5 premières lignes sont éliminées
- élimination du header => il faut en créer un

```
path = "./data/" # path = "./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=";", stringsAsFactors=FALSE)
  print(file.names[i])
  # 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.fr/2015/09/urqual.html)
  file <- file[complete.cases(file[,1:5]),]
```

```

# remplacement de la virgule décimale par le point décimal (source: 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_tr
names(out.file) <- n

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

```

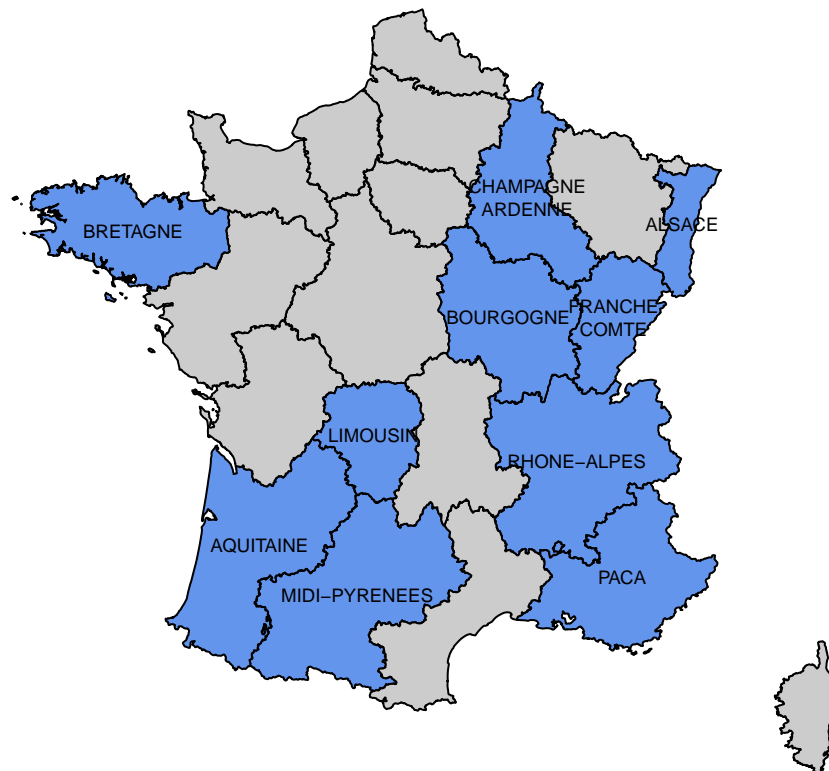
## 1.5 Récupération du fichier des données

- Nombre de régions participantes: 10
- Nombre de sites: 297

## 2 Cartographie

Cartographie des régions participantes et des logiciels.

### Régions participantes (enquête 2015)



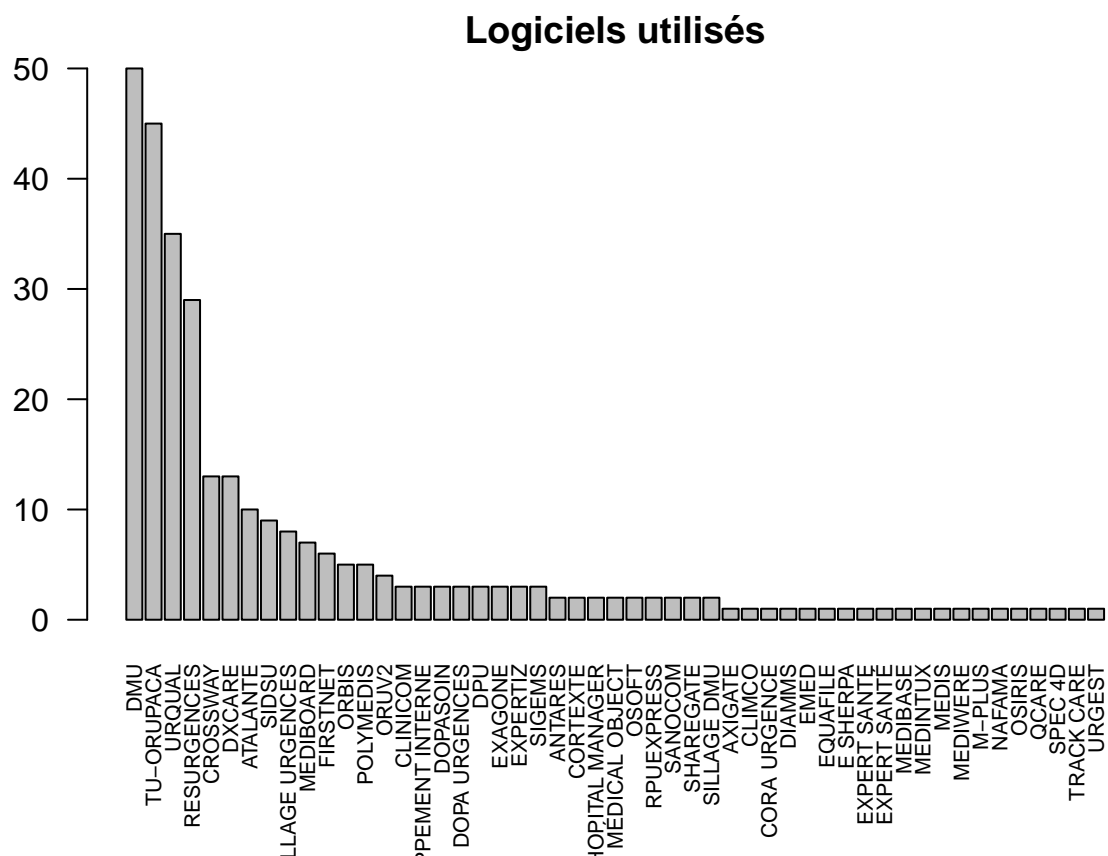
### 3 Editeurs

### 4 Logiciels 2015

- Nombre de logiciels utilisés: 51

#### 4.1 Logiciels par ordre décroissant

DMU	TU-ORUPACA	URQUAL
50	45	35
RESURGENCES	CROSSWAY	DXCARE
29	13	13
ATALANTE	SIDSU	SILLAGE URGENCES
10	9	8
MEDIBOARD	FIRSTNET	ORBIS
7	6	5
POLYMEDIS	ORUV2	CLINICOM
5	4	3
DEVELOPPEMENT INTERNE	DOPASOIN	DOPA URGENCES
3	3	3
DPU	EXAGONE	EXPERTIZ
3	3	3
SIGEMS	ANTARES	CORTEXTE
3	2	2
HOPITAL MANAGER	MÉDICAL OBJECT	OSOFT
2	2	2
RPUEXPRESS	SANOCOM	SHAREGATE
2	2	2
SILLAGE DMU	AXIGATE	CLIMCO
2	1	1
CORA URGENCE	DIAMMS	EMED
1	1	1
EQUAFILE	E SHERPA	EXPERT SANTE
1	1	1
EXPERT SANTÉ	MEDIBASE	MEDINTUX
1	1	1
MEDIS	MEDIWERE	M-PLUS
1	1	1
NAFAMA	OSIRIS	QCARE
1	1	1
SPEC 4D	TRACK CARE	URGEST
1	1	1



## 4.2 Logiciels par région

	ALSACE	AQUITAINE	BOURGOGNE	BRETAGNE
ANTARES	2	0	0	0
ATALANTE	8	0	2	0
AXIGATE	0	1	0	0
CLIMCO	0	0	0	0
CLINICOM	1	0	0	0
CORA URGENCE	0	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
EQUAFIL	0	0	0	0
E SHERPA	0	0	0	0
EXAGONE	0	0	1	0
EXPERTIZ	0	0	0	0
EXPERT SANTE	0	0	0	0
EXPERT SANTÉ	0	0	0	0

FIRSTNET	0	0	0	0
HOPITAL MANAGER	0	0	2	0
MEDIBASE	0	1	0	0
MEDIBOARD	0	0	0	1
MÉDICAL OBJECT	0	0	0	0
MEDINTUX	0	0	0	0
MEDIS	0	0	0	1
MEDIWERE	0	0	0	0
M-PLUS	0	1	0	0
NAFAMA	0	0	0	0
ORBIS	1	0	0	1
ORUV2	0	0	0	0
OSIRIS	0	0	0	0
OSOFT	0	0	0	1
POLYMEDIS	0	0	0	0
QCARE	0	0	0	0
RESURGENCES	1	1	3	7
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	2
SILLAGE URGENCES	0	2	0	6
SPEC 4D	0	0	0	0
TRACK CARE	0	1	0	0
TU-ORUPACA	0	0	1	0
URGEST	0	0	0	0
URQUAL	0	3	3	11

CHAMPAGNE ARDENNES FRANCHE COMTE LIMOUSIN

ANTARES	0	0	0
ATALANTE	0	0	0
AXIGATE	0	0	0
CLIMCO	0	0	0
CLINICOM	0	0	0
CORA URGENCE	0	0	0
CORTEXTE	0	0	0
CROSSWAY	0	1	0
DEVELOPPEMENT INTERNE	0	0	0
DIAMMS	0	0	0
DMU	3	0	0
DOPASOIN	0	0	0
DOPA URGENCES	2	0	0
DPU	0	0	0
DXCARE	1	0	0
EMED	0	0	0
EQUAFIILE	0	1	0
E SHERPA	0	0	0
EXAGONE	0	0	0
EXPERTIZ	0	0	0
EXPERT SANTE	0	0	0
EXPERT SANTÉ	0	0	0
FIRSTNET	0	6	0

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

	MIDI	PYRENEES	PACA	RHONE	ALPES
ANTARES	0	0		0	
ATALANTE	0	0		0	
AXIGATE	0	0		0	
CLIMCO	0	0		1	
CLINICOM	1	0		1	
CORA URGENCE	0	0		1	
CORTEXTE	2	0		0	
CROSSWAY	6	0		0	
DEVELOPPEMENT INTERNE	1	0		2	
DIAMMS	1	0		0	
DMU	0	2		36	
DOPASOIN	3	0		0	
DOPA URGENCES	0	0		0	
DPU	1	0		2	
DXCARE	2	0		0	
EMED	1	0		0	
EQUAFIILE	0	0		0	
E SHERPA	0	0		1	
EXAGONE	0	0		2	
EXPERTIZ	0	0		3	
EXPERT SANTE	0	0		1	
EXPERT SANTÉ	1	0		0	
FIRSTNET	0	0		0	
HOPITAL MANAGER	0	0		0	

MEDIBASE	0	0	0
MEDIBOARD	2	0	4
MÉDICAL OBJECT	2	0	0
MEDINTUX	0	1	0
MEDIS	0	0	0
MEDIWERE	0	0	1
M-PLUS	0	0	0
NAFAMA	0	0	0
ORBIS	0	0	3
ORUV2	4	0	0
OSIRIS	1	0	0
OSOFT	0	0	1
POLYMEDIS	0	0	0
QCARE	0	1	0
RESURGENCES	0	2	3
RPUEXPRESS	2	0	0
SANOCOM	0	0	0
SHAREGATE	0	0	0
SIDSU	0	0	0
SIGEMS	0	0	1
SILLAGE DMU	0	0	0
SILLAGE URGENCES	0	0	0
SPEC 4D	0	0	0
TRACK CARE	0	0	0
TU-ORUPACA	2	42	0
URGEST	0	0	1
URQUAL	5	2	6

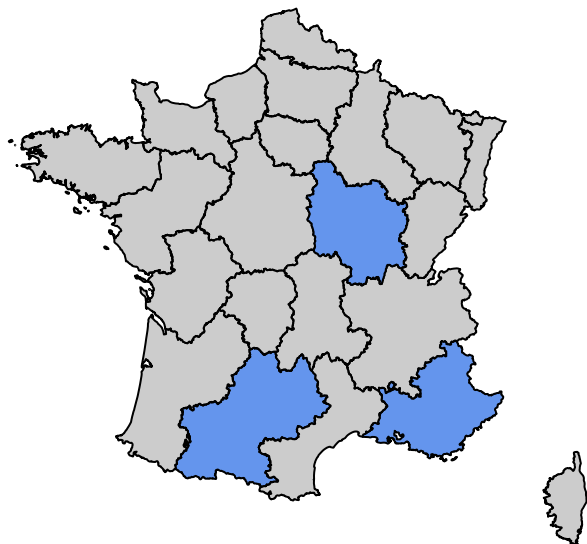
Nombre de logiciels différents par région

ALSACE	AQUITAINE	BOURGOGNE
7	14	9
BRETAGNE	CHAMPAGNE ARDENNES	FRANCHE COMTE
8	7	4
LIMOUSIN	MIDI PYRENEES	PACA
3	17	6
RHONE ALPES		
18		

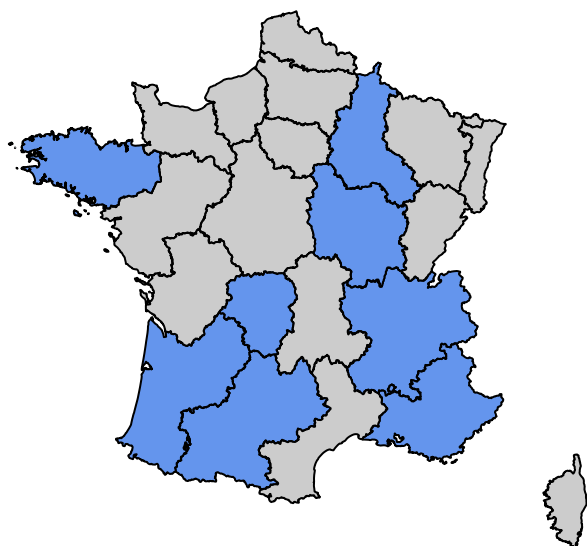


### 4.3 Cartographie des logiciels

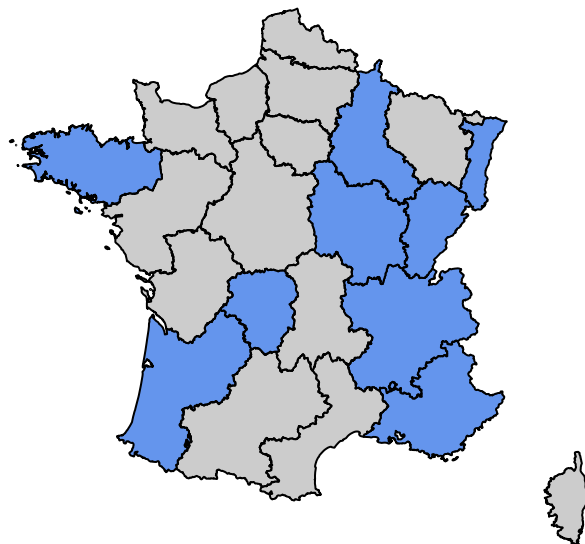
#### TU-ORUPACA



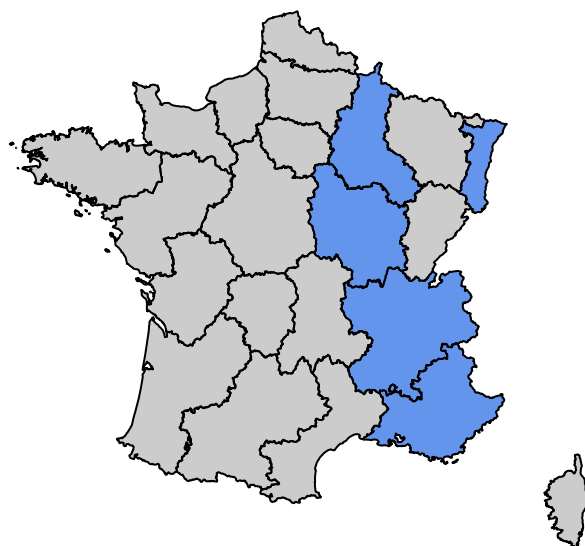
#### URQUAL



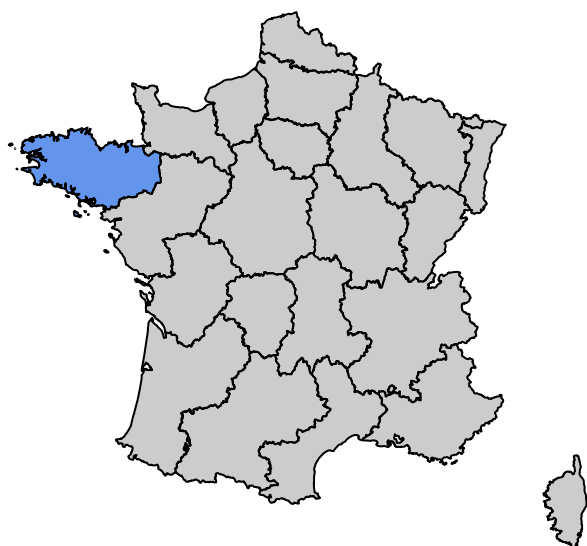
#### RESURGENCES



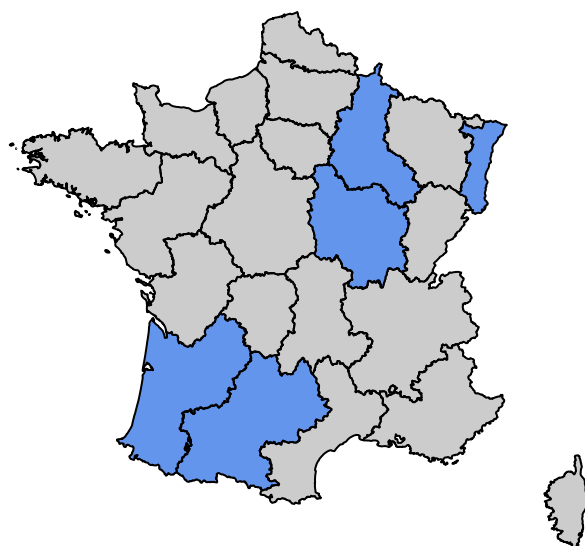
#### DMU



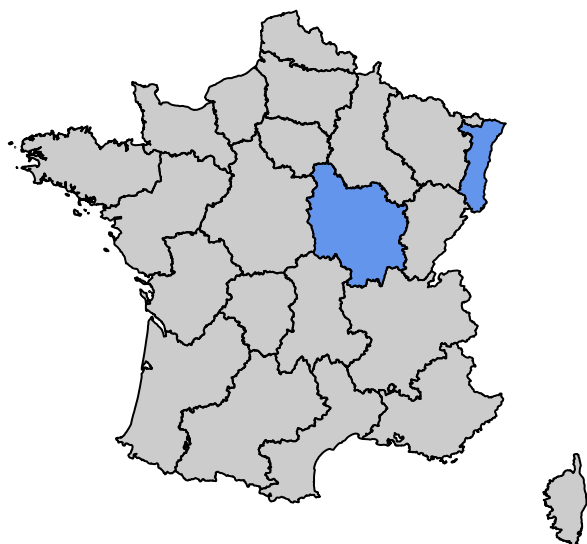
**SILLAGE DMU**



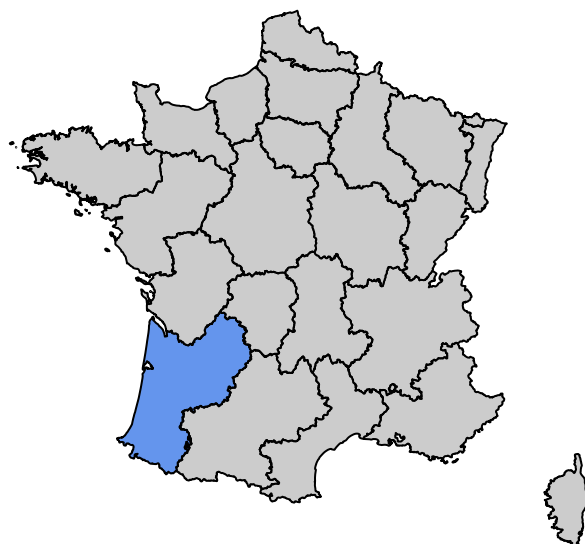
**DXCARE**



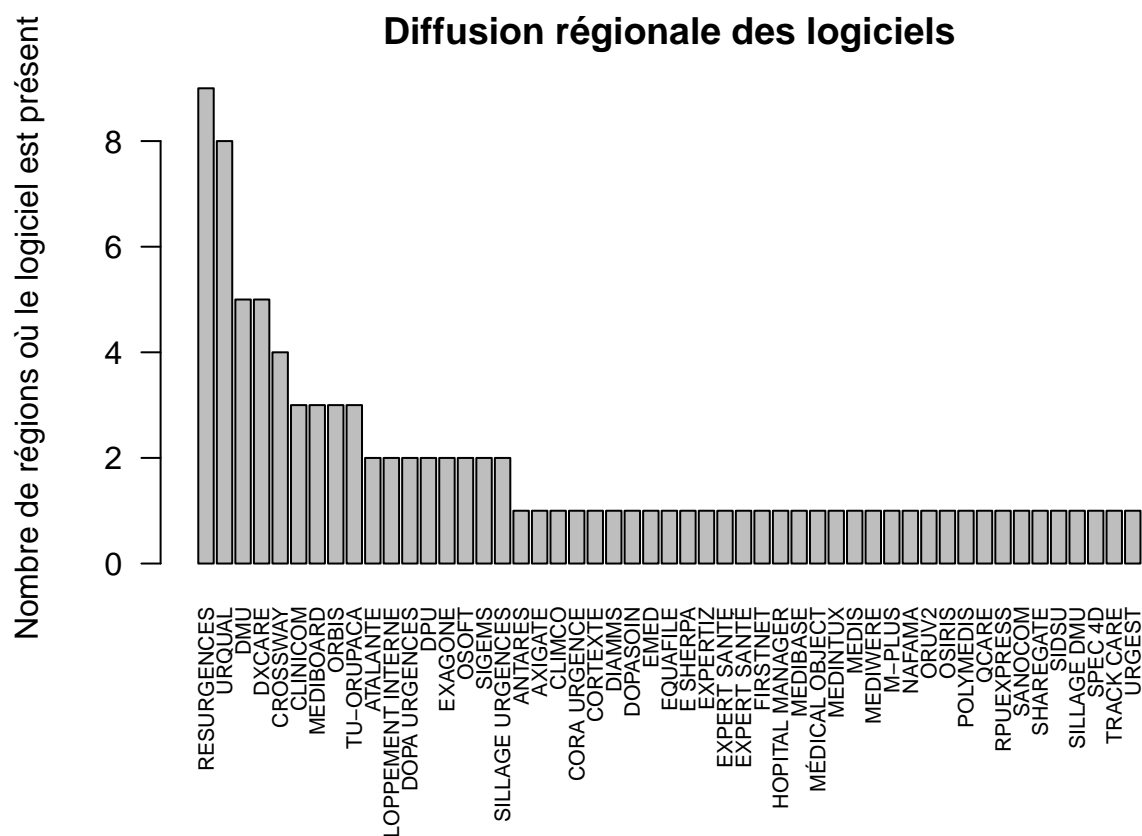
**ATALANTE**



**SIDSU**



#### 4.4 Un logiciel est présent dans combien de régions ?



## 5 Analyse des RPU

Nombre de RPU produits: 1913842

### 5.1 Nombre de RPU par logiciel

	Nb de RPU
TU-ORUPACA	362364
URQUAL	331497
DMU	299522
RESURGENCES	207212
DXCARE	97207
CROSSWAY	66006
ATALANTE	47216
SIDSU	44401
DPU	39714
MEDIBOARD	33968
FIRSTNET	33773
SILLAGE URGENCES	32519
POLYMEDIS	20363
CLINICOM	17623
DEVELOPPEMENT INTERNE	15723
EXPERTIZ	15215

EXAGONE	14004
MÉDICAL OBJECT	12577
CORTEXTE	12369
SILLAGE DMU	11801
TRACK CARE	11345
ORUV2	10715
ORBIS	10669
DOPA URGENCES	10420
M-PLUS	9970
DOPASOIN	9329
ANTARES	8974
SHAREGATE	8639
CLIMCO	8565
SIGEMS	7231
SANOCOM	7150
EXPERT SANTÉ	7058
OSOFT	7050
SPEC 4D	7015
MEDIS	6974
CORA URGENCE	6618
EXPERT SANTE	6324
URGEST	6321
MEDINTUX	6224
MEDIWERE	5676
RPUEXPRESS	5205
NAFAMA	5156
QCARE	5131
AXIGATE	4282
E SHERPA	4090
MEDIBASE	2913
HOPITAL MANAGER	2644
OSIRIS	2019
DIAMMS	1833
EMED	1623
EQUAFIL	1605

## 5.2 Nombre de jours manquants

### 5.2.1 Par logiciel

	Nb de jours manquants
URQUAL	116.00
TU-ORUPACA	90.00
CROSSWAY	63.03
DOPASOIN	59.00
EMED	50.00
SILLAGE URGENCES	42.00
ORBIS	30.00
OSOFT	21.00
DMU	20.00
DEVELOPPEMENT INTERNE	17.00
DPU	9.00
RESURGENCES	5.56

CLINICOM	4.00
HOPITAL MANAGER	3.00
MEDIBOARD	3.00
ATALANTE	2.00
E SHERPA	2.00
ANTARES	1.00
EQUAFILE	0.31
FIRSTNET	0.04
AXIGATE	0.00
CLIMCO	0.00
CORA URGENCE	0.00
CORTEXTE	0.00
DIAMMS	0.00
DOPA URGENCES	0.00
DXCARE	0.00
EXAGONE	0.00
EXPERTIZ	0.00
EXPERT SANTE	0.00
EXPERT SANTÉ	0.00
MEDIBASE	0.00
MÉDICAL OBJECT	0.00
MEDINTUX	0.00
MEDIS	0.00
MEDIWERE	0.00
M-PLUS	0.00
NAFAMA	0.00
ORUV2	0.00
OSIRIS	0.00
POLYMEDIS	0.00
QCARE	0.00
RPUEXPRESS	0.00
SANOCOM	0.00
SHAREGATE	0.00
SIDSU	0.00
SIGEMS	0.00
SILLAGE DMU	0.00
SPEC 4D	0.00
TRACK CARE	0.00
URGEST	0.00

### 5.2.2 Par région

	Nb de jours manquants
PACA	180.00
MIDI PYRENEES	111.00
RHONE ALPES	73.00
AQUITAINE	63.00
BRETAGNE	52.00
ALSACE	34.00
BOURGOGNE	21.00
CHAMPAGNE ARDENNES	3.00
FRANCHE COMTE	0.94
LIMOUSIN	0.00

## 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:

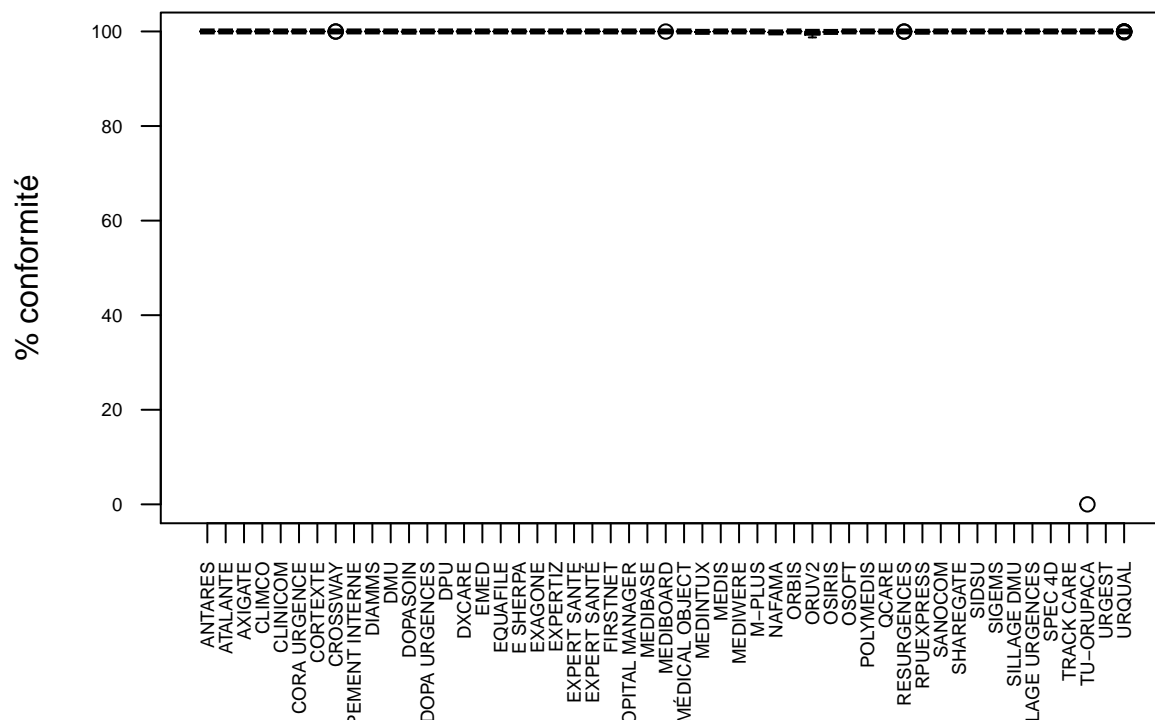
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.	NA's
0.00	100.00	100.00	99.65	100.00	100.00	7

- conformité par outil:

	Min	Max	moyenne	ecart-type	Nb
ANTARES	100.00	100.00	100.00000	0.000000000	2
ATALANTE	100.00	100.00	100.00000	0.000000000	10
AXIGATE	100.00	100.00	100.00000	NA	1
CLIMCO	100.00	100.00	100.00000	NA	1
CLINICOM	100.00	100.00	100.00000	0.000000000	3
CORA URGENCE	100.00	100.00	100.00000	NA	1
CORTEXTE	100.00	100.00	100.00000	0.000000000	2
CROSSWAY	99.98	100.00	99.99750	0.006215816	13
DEVELOPPEMENT INTERNE	99.94	100.00	99.98000	0.034641016	3
DIAMMS	100.00	100.00	100.00000	NA	1
DMU	100.00	100.00	100.00000	0.000000000	50
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	0.000000000	3
DXCARE	100.00	100.00	100.00000	0.000000000	13
EMED	100.00	100.00	100.00000	NA	1
EQUAFILE	100.00	100.00	100.00000	NA	1
E SHERPA	100.00	100.00	100.00000	NA	1
EXAGONE	100.00	100.00	100.00000	0.000000000	3
EXPERTIZ	100.00	100.00	100.00000	0.000000000	3
EXPERT SANTE	100.00	100.00	100.00000	NA	1
EXPERT SANTÉ	100.00	100.00	100.00000	NA	1
FIRSTNET	100.00	100.00	100.00000	0.000000000	6
HOPITAL MANAGER	100.00	100.00	100.00000	0.000000000	2
MEDIBASE	100.00	100.00	100.00000	NA	1
MEDIBOARD	99.98	100.00	99.99714	0.007559289	7
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	NA	1
MEDIWERE	100.00	100.00	100.00000	NA	1
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	5
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	99.99793	0.009403385	29
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	0.000000000	3
SILLAGE DMU	100.00	100.00	100.00000	0.000000000	2
SILLAGE URGENCES	100.00	100.00	100.00000	0.000000000	8
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
URGEST	100.00	100.00	100.00000	NA	1
URQUAL	99.80	100.00	99.99206	0.034534077	35

## Date de naissance – conformité



- taux d'exhaustivité:

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.	NA's
0.00	100.00	100.00	99.64	100.00	100.00	20

- exhaustivité par outil

Warning in FUN(X[[i]], ...): aucun argument trouvé pour min ; Inf est renvoyé

Warning in FUN(X[[i]], ...): aucun argument trouvé pour min ; Inf est renvoyé

Warning in FUN(X[[i]], ...): aucun argument pour max ; -Inf est renvoyé

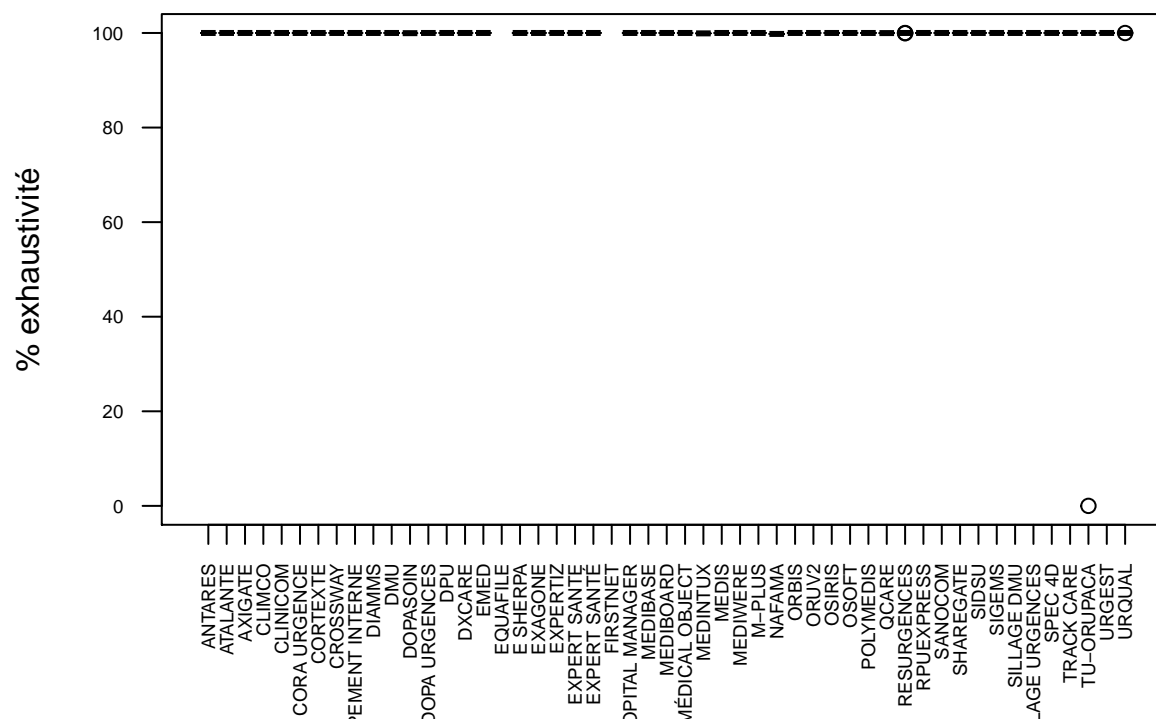
Warning in FUN(X[[i]], ...): aucun argument pour max ; -Inf est renvoyé

	Min	Max	moyenne	ecart-type	Nb
ANTARES	100.00	100.00	100.00000	0.000000000	2
ATALANTE	100.00	100.00	100.00000	0.000000000	10
AXIGATE	100.00	100.00	100.00000	NA	1
CLIMCO	100.00	100.00	100.00000	NA	1
CLINICOM	100.00	100.00	100.00000	0.000000000	3
CORA URGENCE	100.00	100.00	100.00000	NA	1
CORTEXTE	100.00	100.00	100.00000	0.000000000	2
CROSSWAY	100.00	100.00	100.00000	0.000000000	13
DEVELOPPEMENT INTERNE	100.00	100.00	100.00000	0.000000000	3
DIAMMS	100.00	100.00	100.00000	NA	1
DMU	100.00	100.00	100.00000	0.000000000	50
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	0.000000000	3
DXCARE	100.00	100.00	100.00000	0.000000000	13
EMED	100.00	100.00	100.00000	NA	1
EQUAFILE	Inf	-Inf	NaN	NA	1
E SHERPA	100.00	100.00	100.00000	NA	1
EXAGONE	100.00	100.00	100.00000	0.000000000	3
EXPERTIZ	100.00	100.00	100.00000	0.000000000	3
EXPERT SANTE	100.00	100.00	100.00000	NA	1
EXPERT SANTÉ	100.00	100.00	100.00000	NA	1
FIRSTNET	Inf	-Inf	NaN	NA	6
HOPITAL MANAGER	100.00	100.00	100.00000	0.000000000	2
MEDIBASE	100.00	100.00	100.00000	NA	1
MEDIBOARD	100.00	100.00	100.00000	0.000000000	7
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	NA	1
MEDIWERE	100.00	100.00	100.00000	NA	1
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	5
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	99.99750	0.010320937	29
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	0.000000000	3
SILLAGE DMU	100.00	100.00	100.00000	0.000000000	2
SILLAGE URGENCES	100.00	100.00	100.00000	0.000000000	8
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
URGEST	100.00	100.00	100.00000	NA	1
URQUAL	99.99	100.00	99.99971	0.001714986	35

## Date de naissance – exhaustivité



## 6.2 Diagnostic (DP)

- taux de conformité:

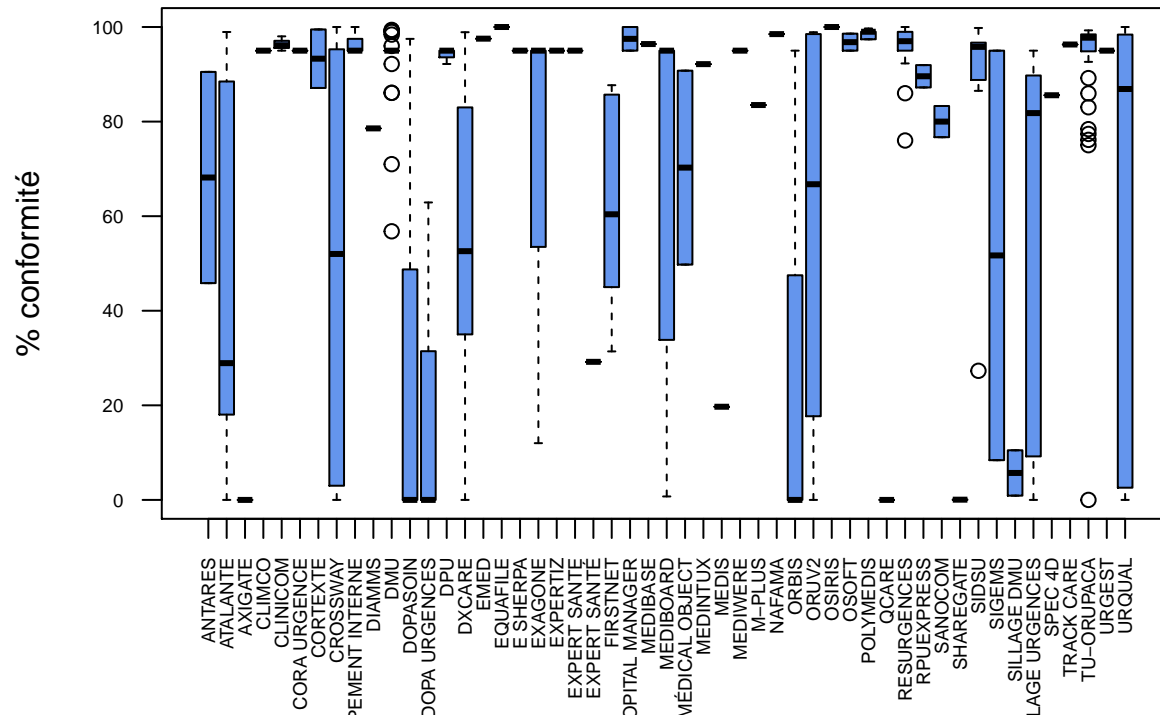
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.	NA's
0.00	75.01	95.00	76.59	97.54	100.00	8

- conformité par outil

	Min	Max	moyenne	ecart-type	Nb
ANTARES	45.84	90.51	68.17500	31.58645992	2
ATALANTE	0.00	98.95	44.20900	38.53260739	10
AXIGATE	0.00	0.00	0.00000	NA	1
CLIMCO	95.00	95.00	95.00000	NA	1
CLINICOM	95.00	98.03	96.39000	1.53039211	3
CORA URGENCE	95.00	95.00	95.00000	NA	1

CORTEXTE	87.11	99.49	93.30000	8.75398195	2
CROSSWAY	0.00	100.00	50.65583	43.36106348	13
DEVELOPPEMENT INTERNE	95.00	100.00	96.66667	2.88675135	3
DIAMMS	78.56	78.56	78.56000	NA	1
DMU	56.80	99.39	93.68574	6.92108585	50
DOPASOIN	0.00	97.49	32.49667	56.28587774	3
DOPA URGENCES	0.00	62.90	20.96667	36.31533193	3
DPU	92.18	95.00	94.06000	1.62812776	3
DXCARE	0.00	98.90	54.74923	35.50656429	13
EMED	97.54	97.54	97.54000	NA	1
EQUAFILE	100.00	100.00	100.00000	NA	1
E SHERPA	95.00	95.00	95.00000	NA	1
EXAGONE	12.00	95.00	67.33333	47.92007234	3
EXPERTIZ	95.00	95.00	95.00000	0.00000000	3
EXPERT SANTE	95.00	95.00	95.00000	NA	1
EXPERT SANTÉ	29.20	29.20	29.20000	NA	1
FIRSTNET	31.40	87.70	61.76667	22.25683416	6
HOPITAL MANAGER	95.00	100.00	97.50000	3.53553391	2
MEDIBASE	96.40	96.40	96.40000	NA	1
MEDIBOARD	0.73	95.00	64.05857	40.50008083	7
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	NA	1
MEDIWERE	95.00	95.00	95.00000	NA	1
M-PLUS	83.50	83.50	83.50000	NA	1
NAFAMA	98.50	98.50	98.50000	NA	1
ORBIS	0.00	95.00	31.66667	54.84827557	5
ORUV2	0.00	98.90	58.10250	48.84531528	4
OSIRIS	100.00	100.00	100.00000	NA	1
OSOFT	95.00	98.60	96.80000	2.54558441	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	95.80000	4.90218683	29
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	95.00	51.70000	61.23544725	3
SILLAGE DMU	0.90	10.50	5.70000	6.78822510	2
SILLAGE URGENCES	0.00	95.00	57.06250	42.86933428	8
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
URGEST	95.00	95.00	95.00000	NA	1
URQUAL	0.00	100.00	61.16588	43.18051175	35

## Diagnostic principal – conformité



- taux de exhaustivité:

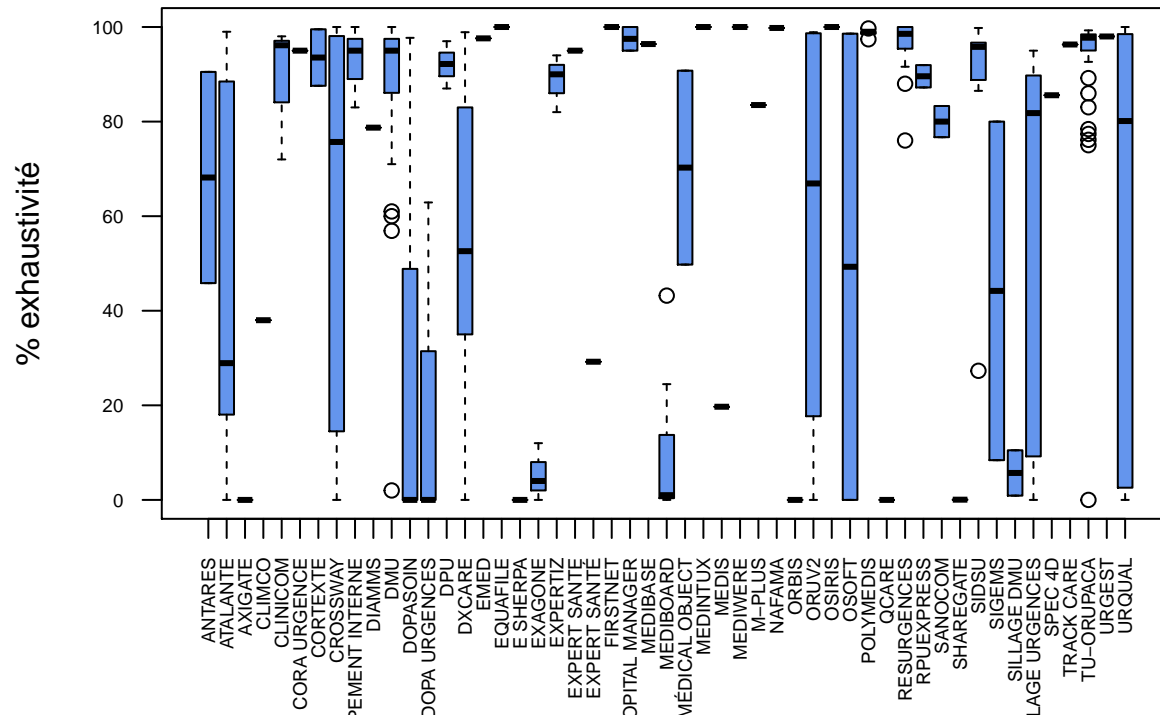
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.	NA's
0.00	61.00	94.00	73.48	98.44	100.00	8

- exhaustivité par outil

	Min	Max	moyenne	ecart-type	Nb
ANTARES	45.84	90.51	68.175000	31.58645992	2
ATALANTE	0.00	99.00	44.309000	38.68869845	10
AXIGATE	0.00	0.00	0.000000	NA	1
CLIMCO	38.00	38.00	38.000000	NA	1
CLINICOM	72.00	98.03	88.723333	14.51362923	3
CORA URGENCE	95.00	95.00	95.000000	NA	1
CORTEXTE	87.57	99.52	93.545000	8.44992604	2
CROSSWAY	0.00	100.00	58.575833	42.93447110	13
DEVELOPPEMENT INTERNE	83.00	100.00	92.666667	8.73689495	3
DIAMMS	78.72	78.72	78.720000	NA	1
DMU	2.00	100.00	89.008511	16.79941963	50
DOPASOIN	0.00	97.71	32.570000	56.41289480	3
DOPA URGENCES	0.00	62.90	20.966667	36.31533193	3
DPU	87.00	97.00	92.060000	5.00107988	3
DXCARE	0.00	98.90	54.749231	35.50656429	13
EMED	97.60	97.60	97.600000	NA	1
EQUAFIL	100.00	100.00	100.000000	NA	1
E SHERPA	0.00	0.00	0.000000	NA	1
EXAGONE	0.00	12.00	5.333333	6.11010093	3

EXPERTIZ	82.00	94.00	88.666667	6.11010093	3
EXPERT SANTE	95.00	95.00	95.000000	NA	1
EXPERT SANTÉ	29.22	29.22	29.220000	NA	1
FIRSTNET	100.00	100.00	100.000000	0.00000000	6
HOPITAL MANAGER	95.00	100.00	97.500000	3.53553391	2
MEDIBASE	96.40	96.40	96.400000	NA	1
MEDIBOARD	0.00	43.20	10.344286	16.96571824	7
MÉDICAL OBJECT	49.76	90.77	70.265000	28.99844910	2
MEDINTUX	100.00	100.00	100.000000	NA	1
MEDIS	19.70	19.70	19.700000	NA	1
MEDIWERE	100.00	100.00	100.000000	NA	1
M-PLUS	83.50	83.50	83.500000	NA	1
NAFAMA	99.80	99.80	99.800000	NA	1
ORBIS	0.00	0.00	0.000000	0.00000000	5
ORUV2	0.00	98.90	58.185000	48.93563017	4
OSIRIS	100.00	100.00	100.000000	NA	1
OSOFT	0.00	98.60	49.300000	69.72072862	2
POLYMEDIS	97.40	99.70	98.740000	0.84734881	5
QCARE	0.00	0.00	0.000000	NA	1
RESURGENCES	76.00	100.00	96.644828	5.05329569	29
RPUEXPRESS	87.22	91.95	89.585000	3.34461508	2
SANOCOM	76.70	83.30	80.000000	4.66690476	2
SHAREGATE	0.00	0.10	0.050000	0.07071068	2
SIDSU	27.30	99.80	87.055556	22.82515669	9
SIGEMS	8.40	80.00	44.200000	50.62884553	3
SILLAGE DMU	0.90	10.50	5.700000	6.78822510	2
SILLAGE URGENCES	0.00	95.00	57.062500	42.86933428	8
SPEC 4D	85.57	85.57	85.570000	NA	1
TRACK CARE	96.30	96.30	96.300000	NA	1
TU-ORUPACA	0.00	99.29	92.836222	15.63379909	45
URGEST	98.00	98.00	98.000000	NA	1
URQUAL	0.00	100.00	58.699412	42.77801580	35

## Diagnostic principal – exhaustivité



### 6.3 Mode de sortie (MS)

- taux de conformité:

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.	NA's
0.00	86.29	99.40	82.54	99.97	100.00	73

- conformité par outil

Warning in FUN(X[[i]], ...): aucun argument trouvé pour min ; Inf est renvoyé

Warning in FUN(X[[i]], ...): aucun argument trouvé pour min ; Inf est renvoyé

Warning in FUN(X[[i]], ...): aucun argument trouvé pour min ; Inf est renvoyé

Warning in FUN(X[[i]], ...): aucun argument trouvé pour min ; Inf est renvoyé

Warning in FUN(X[[i]], ...): aucun argument trouvé pour min ; Inf est renvoyé

Warning in FUN(X[[i]], ...): aucun argument trouvé pour min ; Inf est renvoyé

Warning in FUN(X[[i]], ...): aucun argument trouvé pour min ; Inf est renvoyé

Warning in FUN(X[[i]], ...): aucun argument pour max ; -Inf est renvoyé

Warning in FUN(X[[i]], ...): aucun argument pour max ; -Inf est renvoyé

Warning in FUN(X[[i]], ...): aucun argument pour max ; -Inf est renvoyé

Warning in FUN(X[[i]], ...): aucun argument pour max ; -Inf est renvoyé

Warning in FUN(X[[i]], ...): aucun argument pour max ; -Inf est renvoyé

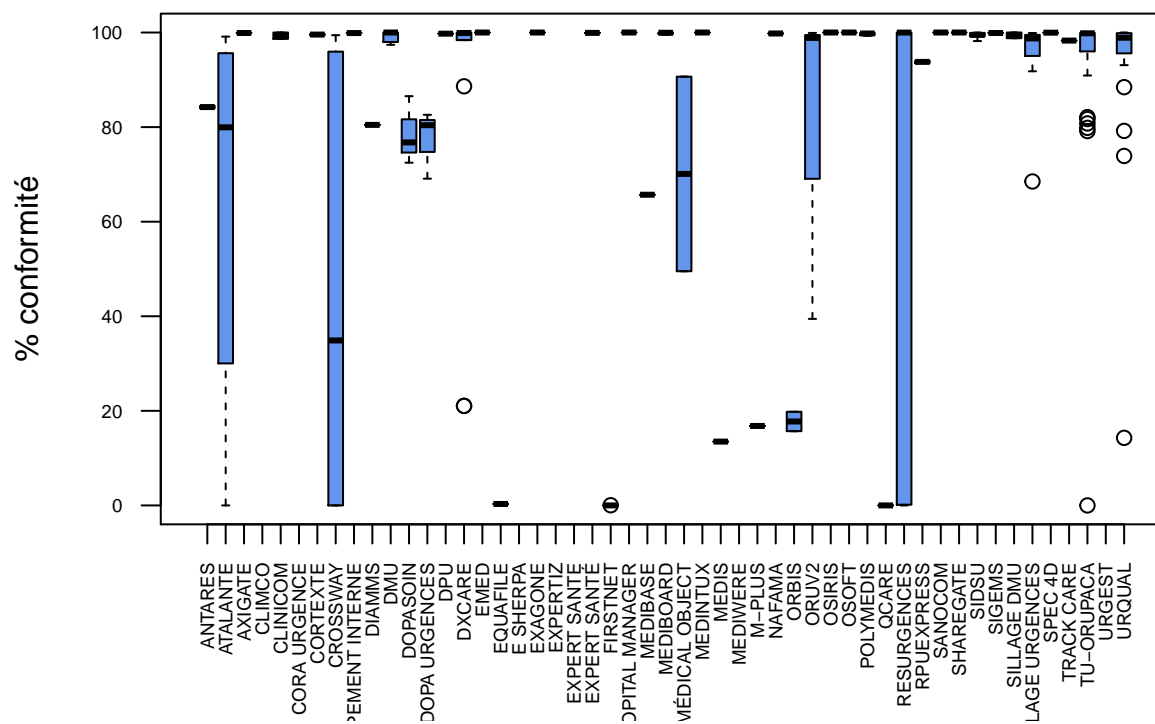
Warning in FUN(X[[i]], ...): aucun argument pour max ; -Inf est renvoyé

Warning in FUN(X[[i]], ...): aucun argument pour max ; -Inf est renvoyé

	Min	Max	moyenne	ecart-type	Nb
ANTARES	83.99	84.48	84.235000000	0.34648232	2
ATALANTE	0.00	99.14	63.701000000	37.09343651	10
AXIGATE	99.90	99.90	99.900000000	NA	1
CLIMCO	Inf	-Inf	NaN	NA	1
CLINICOM	98.66	100.00	99.330000000	0.94752309	3
CORA URGENCE	Inf	-Inf	NaN	NA	1
CORTEXTE	99.43	99.70	99.565000000	0.19091883	2
CROSSWAY	0.00	99.44	45.463333333	47.91778837	13
DEVELOPPEMENT INTERNE	99.89	99.89	99.890000000	NA	3
DIAMMS	80.47	80.47	80.470000000	NA	1
DMU	97.41	100.00	99.266923077	1.10009382	50
DOPASOIN	72.48	86.54	78.593333333	7.20706135	3
DOPA URGENCES	69.10	82.60	77.366666667	7.24315769	3
DPU	99.76	99.76	99.760000000	NA	3
DXCARE	21.05	100.00	86.825384615	29.35655169	13
EMED	100.00	100.00	100.000000000	NA	1
EQUAFILE	0.31	0.31	0.310000000	NA	1
E SHERPA	Inf	-Inf	NaN	NA	1
EXAGONE	100.00	100.00	100.000000000	NA	3
EXPERTIZ	Inf	-Inf	NaN	NA	3
EXPERT SANTE	Inf	-Inf	NaN	NA	1
EXPERT SANTÉ	99.93	99.93	99.930000000	NA	1
FIRSTNET	0.00	0.04	0.006666667	0.01632993	6
HOPITAL MANAGER	100.00	100.00	100.000000000	0.00000000	2
MEDIBASE	65.70	65.70	65.700000000	NA	1
MEDIBOARD	99.53	99.96	99.813333333	0.24542480	7
MÉDICAL OBJECT	49.52	90.67	70.095000000	29.09744405	2
MEDINTUX	100.00	100.00	100.000000000	NA	1
MEDIS	13.50	13.50	13.500000000	NA	1
MEDIWERE	Inf	-Inf	NaN	NA	1
M-PLUS	16.80	16.80	16.800000000	NA	1
NAFAMA	99.80	99.80	99.800000000	NA	1
ORBIS	15.70	19.80	17.750000000	2.89913780	5
ORUV2	39.45	99.92	84.270000000	29.88452108	4

OSIRIS	100.00	100.00	100.000000000	NA	1
OSOFT	100.00	100.00	100.000000000	NA	2
POLYMEDIS	99.30	99.90	99.680000000	0.26832816	5
QCARE	0.00	0.00	0.000000000	NA	1
RESURGENCES	0.00	100.00	68.790769231	46.75955055	29
RPUEXPRESS	93.58	94.01	93.795000000	0.30405592	2
SANOCOM	100.00	100.00	100.000000000	0.00000000	2
SHAREGATE	100.00	100.00	100.000000000	0.00000000	2
SIDSU	98.20	100.00	99.455555556	0.56593089	9
SIGEMS	99.90	99.90	99.900000000	NA	3
SILLAGE DMU	98.80	100.00	99.400000000	0.84852814	2
SILLAGE URGENCES	68.50	99.90	94.375000000	10.77639616	8
SPEC 4D	99.97	99.97	99.970000000	NA	1
TRACK CARE	98.30	98.30	98.300000000	NA	1
TU-ORUPACA	0.00	100.00	94.657555556	15.66551586	45
URGEST	Inf	-Inf	NaN	NA	1
URQUAL	14.29	100.00	93.606206897	16.44861662	35

## Mode de sortie – conformité



- taux de exhaustivité:

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.	NA's
0.00	94.29	99.70	87.03	100.00	100.00	8

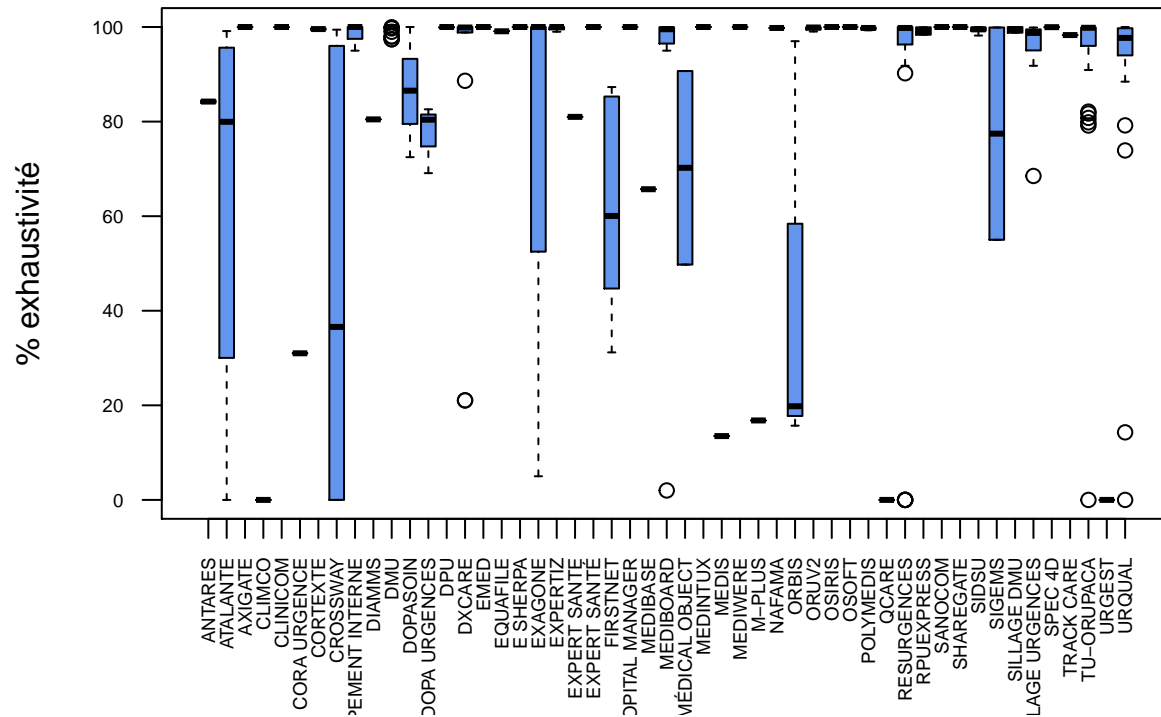
- exhaustivité par outil

Min	Max	moyenne	ecart-type	Nb
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ANTARES	83.99	84.48	84.23500	0.34648232	2
ATALANTE	0.00	99.14	63.70100	37.09343651	10
AXIGATE	100.00	100.00	100.00000	NA	1
CLIMCO	0.00	0.00	0.00000	NA	1
CLINICOM	99.92	100.00	99.97333	0.04618802	3
CORA URGENCE	31.00	31.00	31.00000	NA	1
CORTEXTE	99.43	99.70	99.56500	0.19091883	2
CROSSWAY	0.00	99.44	45.87750	47.52636974	13
DEVELOPPEMENT INTERNE	95.00	100.00	98.33333	2.88675135	3
DIAMMS	80.47	80.47	80.47000	NA	1
DMU	97.41	100.00	99.77596	0.66184084	50
DOPASOIN	72.48	100.00	86.34000	13.76109007	3
DOPA URGENCES	69.10	82.60	77.36667	7.24315769	3
DPU	99.76	100.00	99.92000	0.13856406	3
DXCARE	21.05	100.00	86.85923	29.37125847	13
EMED	100.00	100.00	100.00000	NA	1
EQUAFILE	99.10	99.10	99.10000	NA	1
E SHERPA	100.00	100.00	100.00000	NA	1
EXAGONE	5.00	100.00	68.33333	54.84827557	3
EXPERTIZ	99.00	100.00	99.66667	0.57735027	3
EXPERT SANTE	81.00	81.00	81.00000	NA	1
EXPERT SANTÉ	100.00	100.00	100.00000	NA	1
FIRSTNET	31.20	87.30	61.43333	22.18284623	6
HOPITAL MANAGER	100.00	100.00	100.00000	0.00000000	2
MEDIBASE	65.70	65.70	65.70000	NA	1
MEDIBOARD	2.00	100.00	84.92000	36.60915232	7
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	NA	1
MEDIWERE	100.00	100.00	100.00000	NA	1
M-PLUS	16.80	16.80	16.80000	NA	1
NAFAMA	99.80	99.80	99.80000	NA	1
ORBIS	15.70	97.00	44.16667	45.80090974	5
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	81.57931	37.96997704	29
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	55.00	99.90	77.45000	31.74909448	3
SILLAGE DMU	98.80	100.00	99.40000	0.84852814	2
SILLAGE URGENCES	68.50	99.90	94.37500	10.77639616	8
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
URGEST	0.00	0.00	0.00000	NA	1
URQUAL	0.00	100.00	90.87000	22.09346414	35



## Mode de sortie – exhaustivité

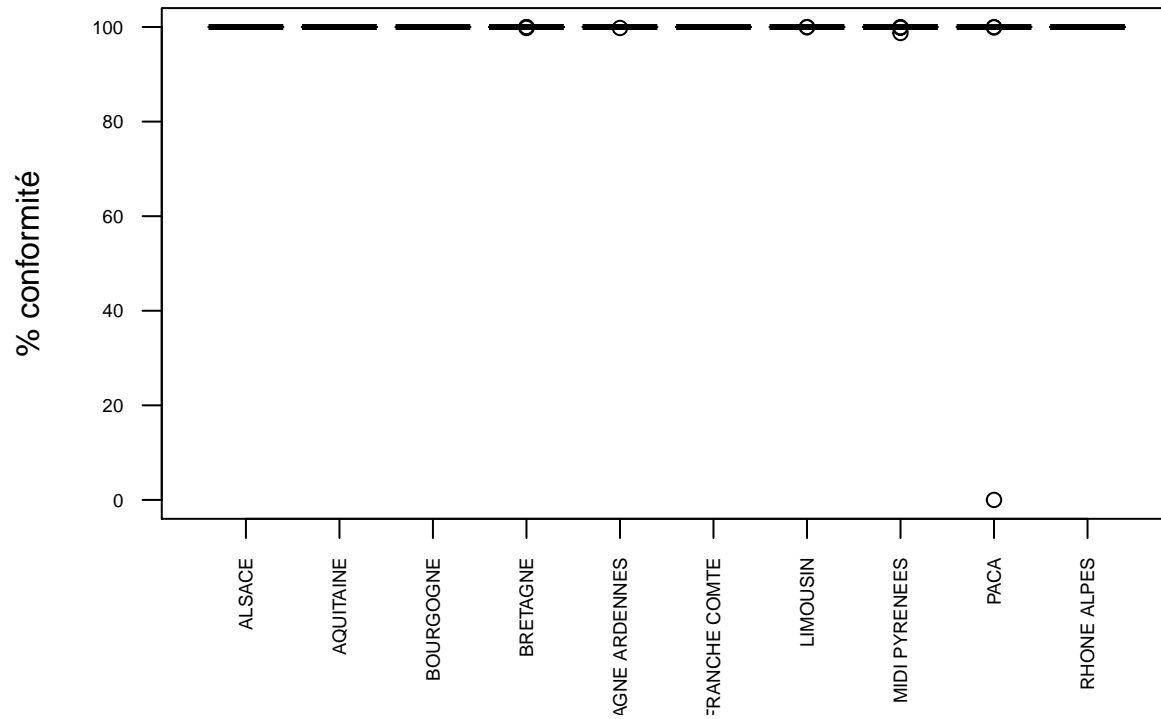


## 7 Conformité par région

### 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	99.99167	0.03677362	30
CHAMPAGNE ARDENNES	99.80	100	99.98750	0.05000000	16
FRANCHE COMTE	100.00	100	100.00000	0.00000000	13
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
RHONE ALPES	100.00	100	100.00000	0.00000000	70

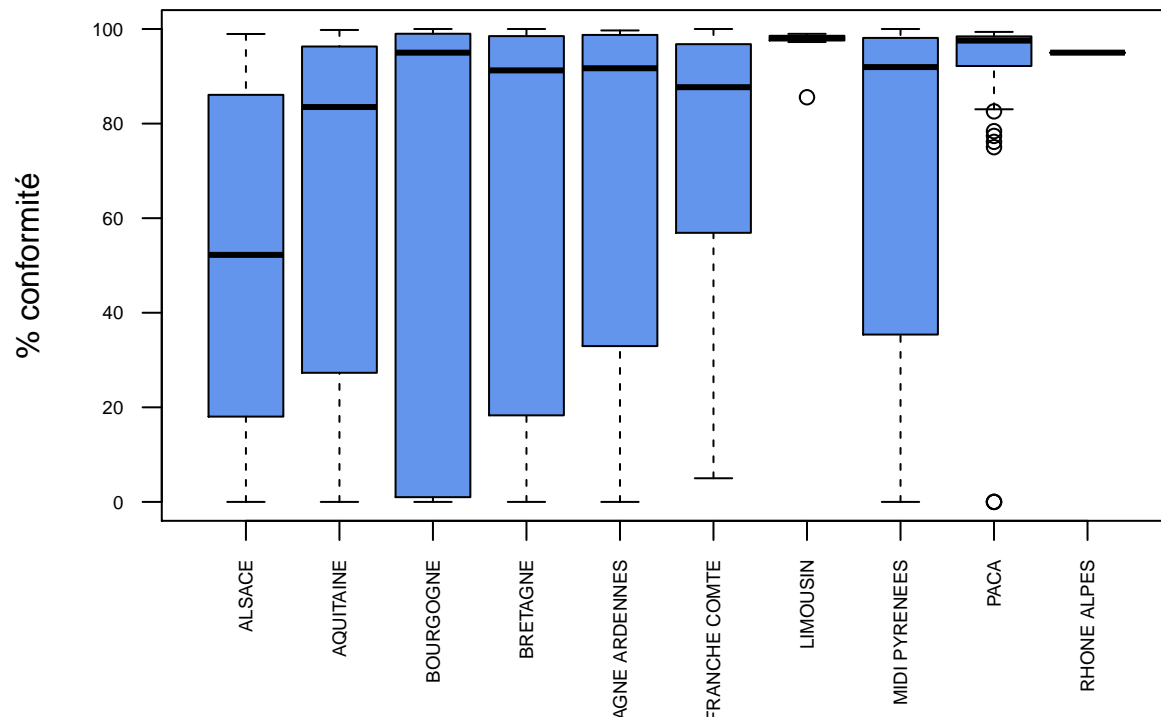
## Date de naissance – conformité



## 7.2 Diagnostic (DP)

	Min	Max	moyenne	ecart-type	Nb
ALSACE	0.00	98.95	52.12889	34.353078	18
AQUITAINE	0.00	99.80	63.42121	39.782563	35
BOURGOGNE	0.00	100.00	62.18182	44.985327	23
BRETAGNE	0.00	100.00	63.90567	40.977779	30
CHAMPAGNE ARDENNES	0.00	99.70	67.61875	41.100790	16
FRANCHE COMTE	5.00	100.00	73.45385	30.568655	13
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
RHONE ALPES	95.00	95.00	95.00000	0.000000	70

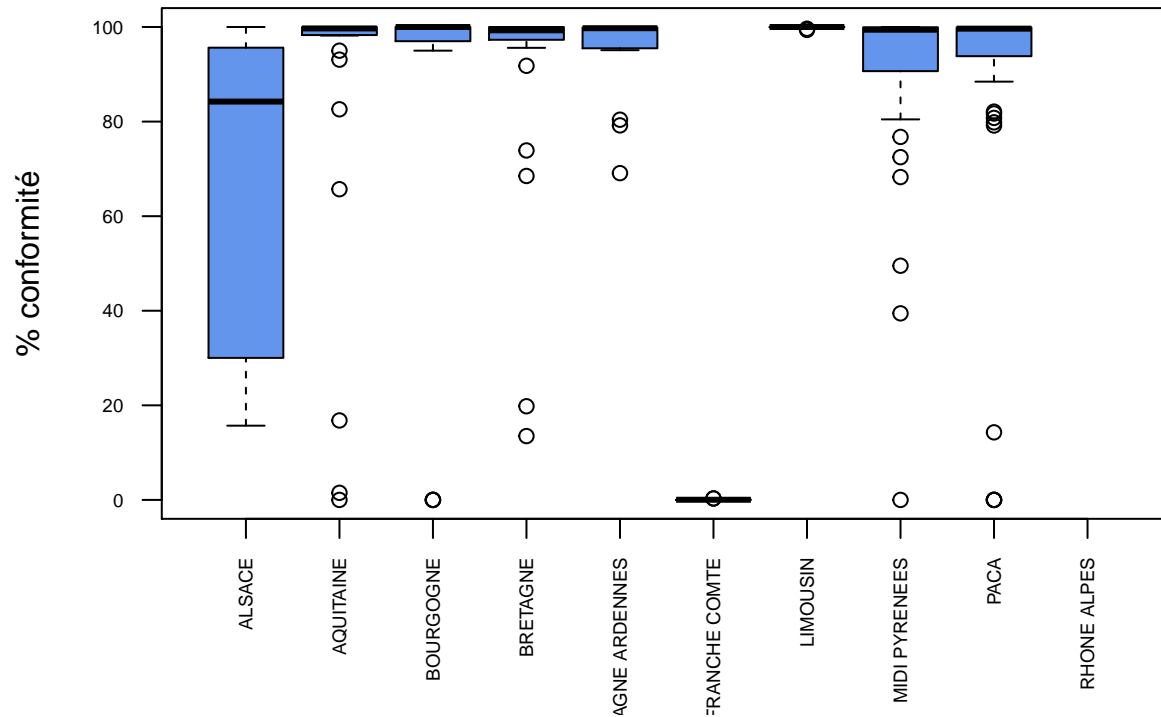
## Diagnostic principal – conformité



### 7.3 Mode de sortie (MS)

	Min	Max	moyenne	ecart-type	Nb
ALSACE	15.70	100.00	68.77500000	32.8245757	18
AQUITAINE	0.00	100.00	89.24242424	27.5958220	35
BOURGOGNE	0.00	100.00	81.18181818	39.1901790	23
BRETAGNE	13.50	100.00	91.54533333	21.6244593	30
CHAMPAGNE ARDENNES	69.10	100.00	94.84375000	9.6193533	16
FRANCHE COMTE	0.00	0.31	0.07230769	0.1115164	13
LIMOUSIN	99.39	100.00	99.88666667	0.2200568	9
MIDI PYRENEES	0.00	100.00	89.86405405	20.8648135	37
PACA	0.00	100.00	87.24620000	29.0773015	50
RHONE ALPES	Inf	-Inf	NaN	NA	70

## Mode de sortie – conformité



## 8 Exhaustivité par région

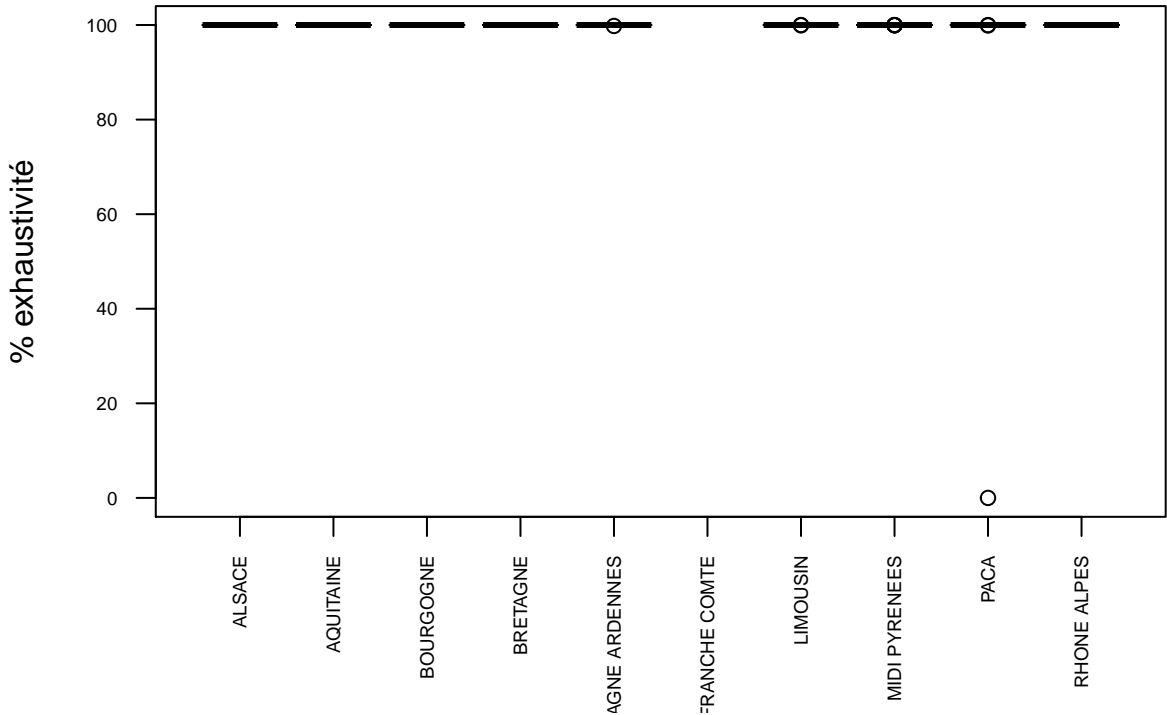
### 8.1 Date de naissance

Warning in FUN(X[[i]], ...): aucun argument trouvé pour min ; Inf est renvoyé

Warning in FUN(X[[i]], ...): aucun argument pour max ; -Inf est renvoyé

	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	30
CHAMPAGNE ARDENNES	99.80	100	99.98750	0.05000000	16
FRANCHE COMTE	Inf	-Inf	NaN		NA 13
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
RHONE ALPES	100.00	100	100.00000	0.00000000	70

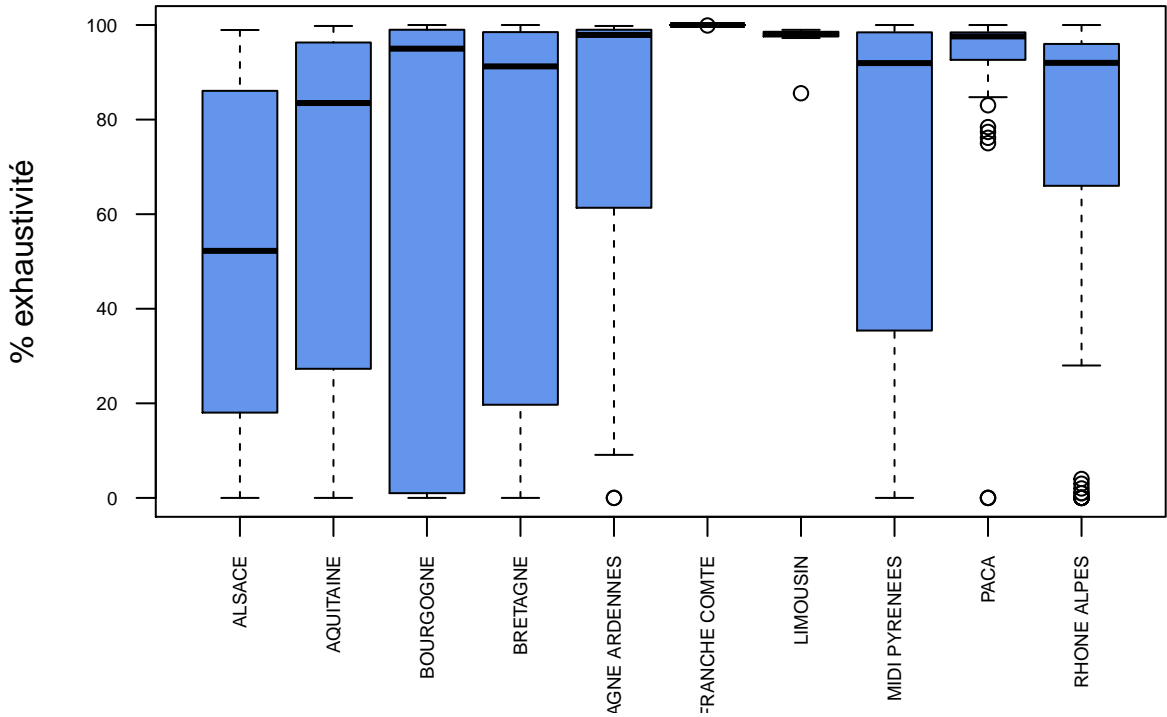
Date de naissance – exhaustivité



8.2 Diagnostic (DP)

	Min	Max	moyenne	ecart-type	Nb
ALSACE	0.00	98.95	52.12889	34.35307810	18
AQUITAINE	0.00	99.80	63.42424	39.78499270	35
BOURGOGNE	0.00	100.00	62.22727	45.02373112	23
BRETAGNE	0.00	100.00	66.77667	39.33143591	30
CHAMPAGNE ARDENNES	0.00	99.80	74.30625	37.78316148	16
FRANCHE COMTE	99.90	100.00	99.99231	0.02773501	13
LIMOUSIN	85.57	98.98	96.81667	4.25672703	9
MIDI PYRENEES	0.00	100.00	70.79919	38.08214975	37
PACA	0.00	100.00	89.00340	23.62753734	50
RHONE ALPES	0.00	100.00	72.23077	36.68479301	70

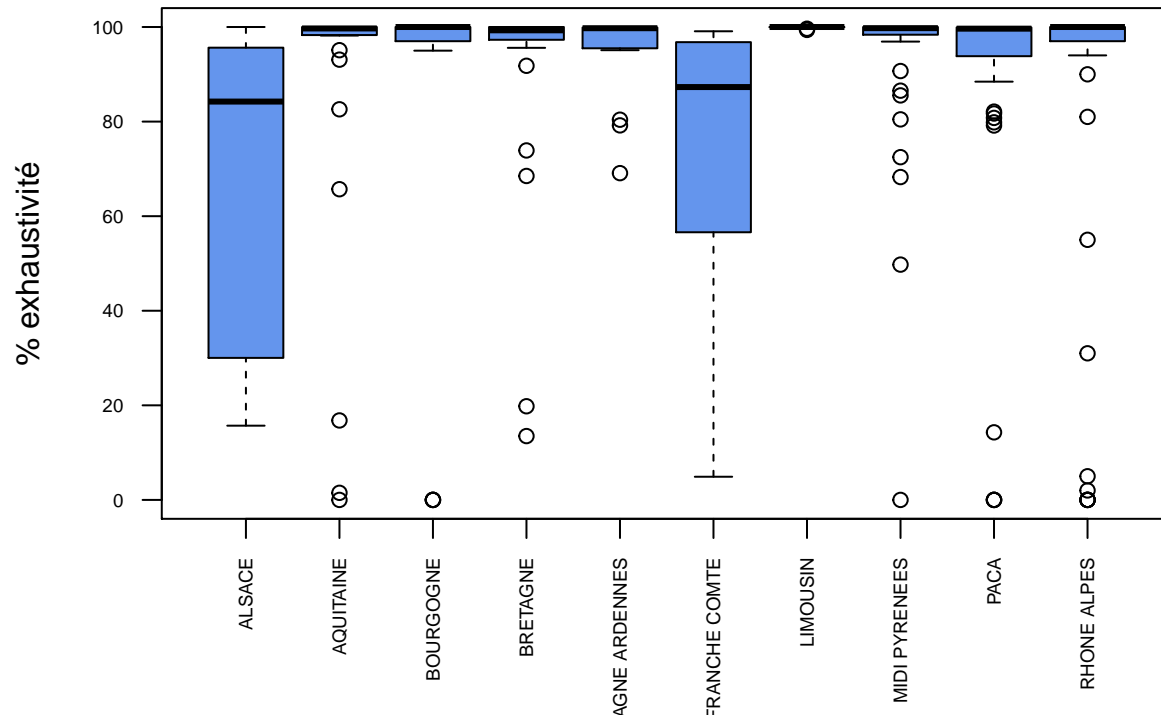
### Diagnostic principal – exhaustivité



### 8.3 Mode de sortie (MS)

	Min	Max	moyenne	ecart-type	Nb
ALSACE	15.70	100.0	68.77500	32.8245757	18
AQUITAINE	0.00	100.0	89.24848	27.5976915	35
BOURGOGNE	0.00	100.0	81.18182	39.1901790	23
BRETAGNE	13.50	100.0	91.54533	21.6244593	30
CHAMPAGNE ARDENNES	69.10	100.0	94.84375	9.6193533	16
FRANCHE COMTE	4.90	99.1	73.18462	30.5388781	13
LIMOUSIN	99.39	100.0	99.88667	0.2200568	9
MIDI PYRENEES	0.00	100.0	92.50892	19.0664729	37
PACA	0.00	100.0	87.24620	29.0773015	50
RHONE ALPES	0.00	100.0	86.63077	31.7227093	70

## Mode de sortie – exhaustivité



## 9 Résultats secondaires

### 9.1 % de SU ne faisant pas de remontée de RPU

NON	NON	OUI	OUI
15	1	284	1

[1] "4.98 %" "0.33 %" "94.35 %" "0.33 %"

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.

## 10 Analyse de Urqual