

Completude

JcB

RESURAL

05 avril 2016

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1 Complétude des données

Score de completude = somme des complétudes de chaque item.

Ce chapitre utilise le fichier source(“../Resural/FEDORU/Trame_commune/rapport_2014.R”) qui possède deux fonctions pour calculer la complétude et dessiner le diagramme en radar correspondant.

1.1 MAJ

- 12/4/2014: enregistrement des graphiques, impression du tableau de completude
- 15/4/2015: Ajout légende, amélioration du titre, élargissement du graphique
- 2016-04-05: dernière mise à jour.
- 27/1/2016: Modification de Yaml source. Essai de la fonction **switch**.

1.2 Données

Choix de la machine et récupération des données correspondant à l’année d’analyse.

- Système utilisé: iMac-de-Jean-Claude.local
- Année courante: 2016

1.3 Motif de passage

Les motifs de passage ou de recours doivent être codés en CIM10. Certains établissements ne le font pas (Colmar), ce qui entraîne une fausse complétude car le champ n’est pas vide mais inexploitable. La fonction détecte les codes non CIM10 sur la base suivante: a minima un code CIM10 commence par une lettre majuscule suivie de deux chiffres (“¹[0-9][0-9]”).

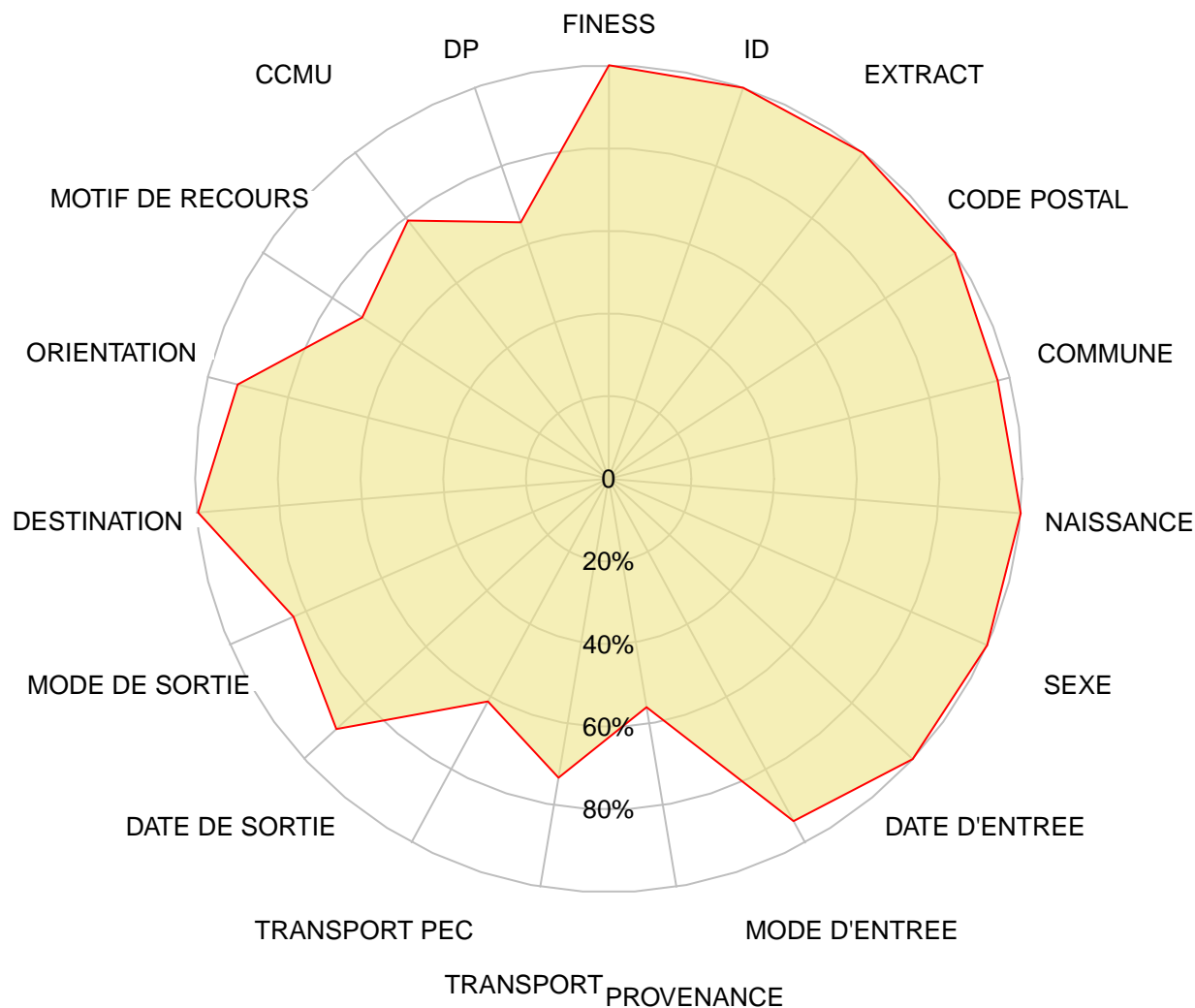
¹A-Z

Hop	Motifs	CIM10	Completude
Hag	10375	2309	22.26
HTP	18351	6790	37
Emr	11123	8839	79.47
NHC	7447	6158	82.69
Geb	3402	3399	99.91
3Fr	3843	78	2.03
Odi	6010	5548	92.31
Wis	2821	2813	99.72
Dts	2746	2634	95.92
Sav	6712	4999	74.48
Ros	1653	1401	84.75
Dia	6350	6237	98.22
Hsr	4049	3214	79.38
Alk	3474	828	23.83
Col	15656	0	0
Ane	3807	23	0.6
Tan	1156	969	83.82
Sel	7004	6886	98.32

1.4 Complétude régionale

C'est la complétude calculée pour tous les RPU quelque soit l'établissement producteur.

Radar de complétude régional (%)



FINESS	100.00
ID	100.00
EXTRACT	100.00
CODE POSTAL	100.00
COMMUNE	97.03
NAISSANCE	100.00
SEXE	100.00
DATE D'ENTREE	100.00
MODE D'ENTREE	94.08
PROVENANCE	55.99
TRANSPORT	73.29
TRANSPORT PEC	61.25
DATE DE SORTIE	89.43
MODE DE SORTIE	83.19
DESTINATION	99.63
ORIENTATION	92.56
MOTIF DE RECOURS	71.23

CCMU	79.09
DP	65.56

Score de complétude régional: 87.49 sur 100.

1.5 Complétude par établissement

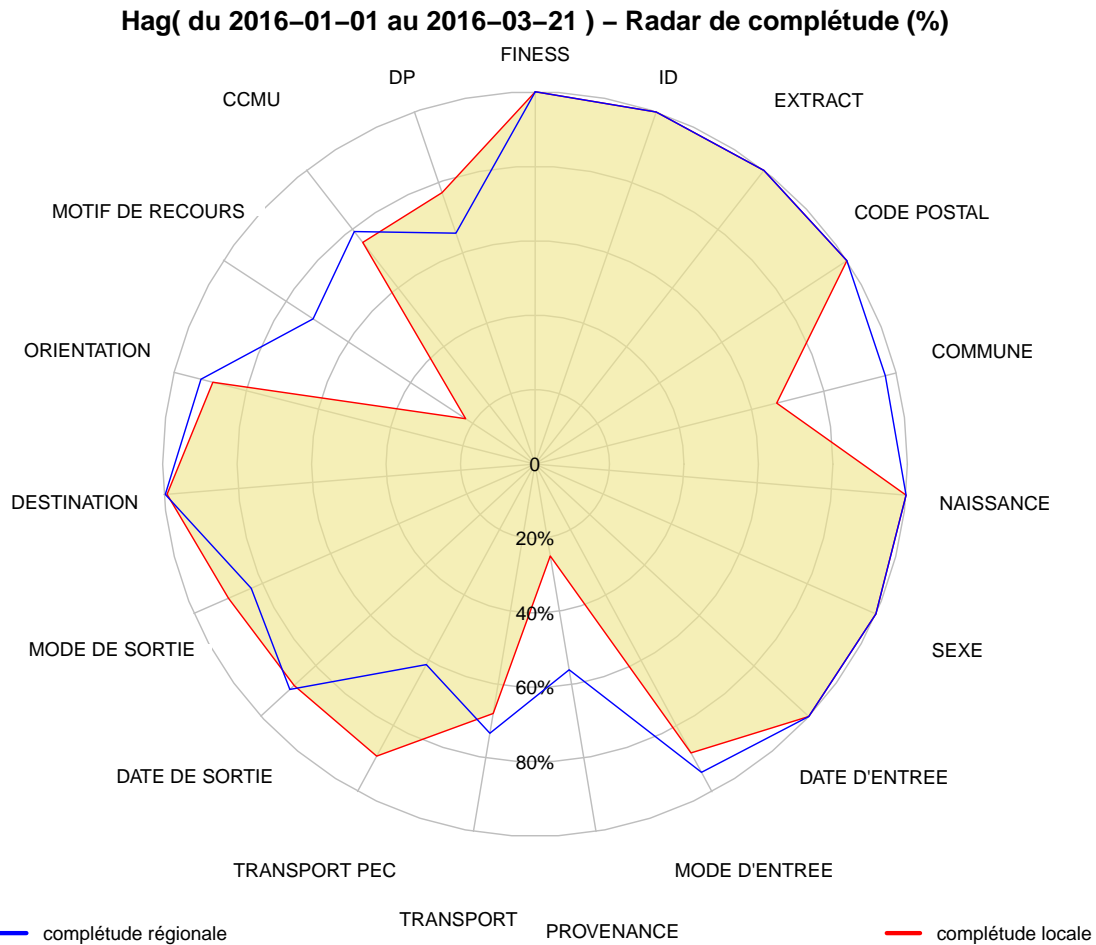
1.5.0.1 Score de complétude

score = somme des complétude de chaque item divisé par le nombre d'items. Varie de 0 à 100.

Todo:

- calculer un sous score par chapitre selon découpage Fedoru
- comparer le score en fonction du logiciel utilisé et sa version.

Utilise une boucle qui balaye tous les établissements.

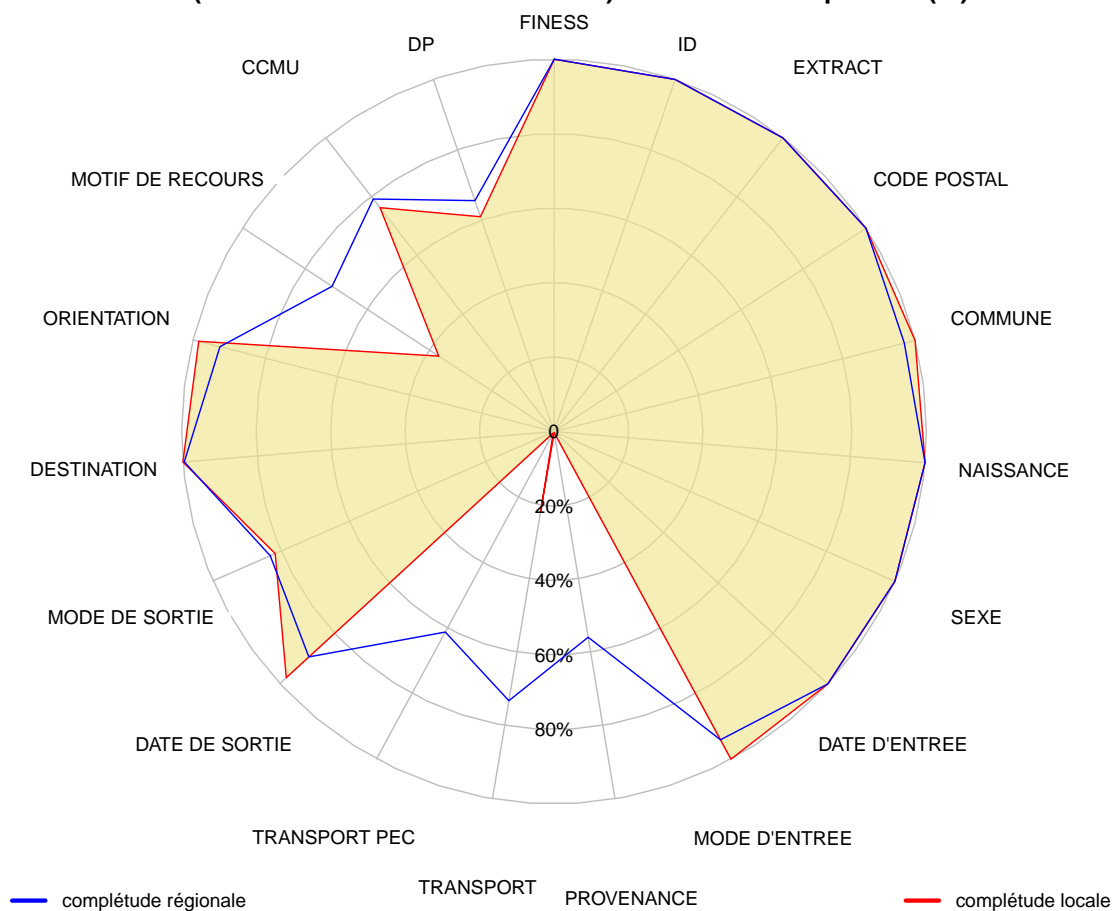


```
[1] "Score local: 83.06 sur 100"
[1] ""
[1] "=====
```

[1] "Hag"
 [1] "=====

	2016 - 1	2016 - 2	2016 - 3
FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE POSTAL	100.00	100.00	100.00
COMMUNE	68.65	66.66	64.92
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE D'ENTREE	100.00	100.00	100.00
MODE D'ENTREE	87.09	89.35	88.12
PROVENANCE	24.53	23.00	28.29
TRANSPORT	69.63	67.57	65.95
TRANSPORT PEC	89.37	88.60	89.78
DATE DE SORTIE	87.47	88.71	87.31
MODE DE SORTIE	89.73	90.32	89.46
DESTINATION	99.75	98.80	98.76
ORIENTATION	89.86	90.56	86.68
MOTIF DE RECOURS	26.51	28.68	33.88
CCMU	76.81	77.45	70.83
DP	78.14	78.90	73.20

HTP(du 2016-01-01 au 2016-03-21) – Radar de complétude (%)



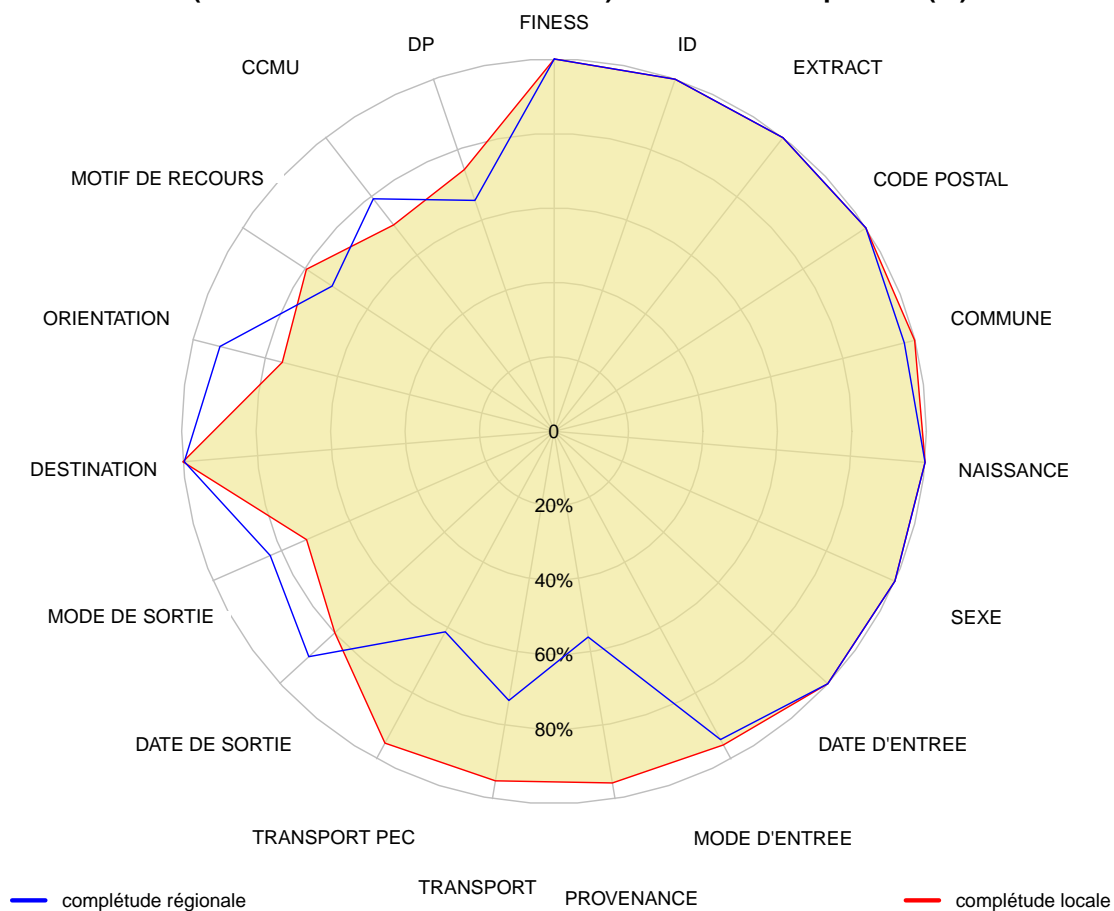
```

[1] "Score local: 77.6 sur 100"
[1] ""
[1] "=====
[1] "HTP"
[1] "=====

```

	2016 - 1	2016 - 2	2016 - 3
FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE D'ENTREE	100.00	100.00	100.00
MODE D'ENTREE	100.00	100.00	100.00
PROVENANCE	0.25	0.30	0.34
TRANSPORT	22.61	24.44	17.14
TRANSPORT PEC	0.45	0.44	0.51
DATE DE SORTIE	97.25	97.59	98.26
MODE DE SORTIE	81.12	80.21	84.40
DESTINATION	100.00	100.00	100.00
ORIENTATION	98.11	98.69	98.55
MOTIF DE RECOURS	32.92	39.02	39.72
CCMU	74.96	75.97	77.89
DP	60.48	59.43	63.50

Emr(du 2016-01-01 au 2016-03-21) – Radar de complétude (%)

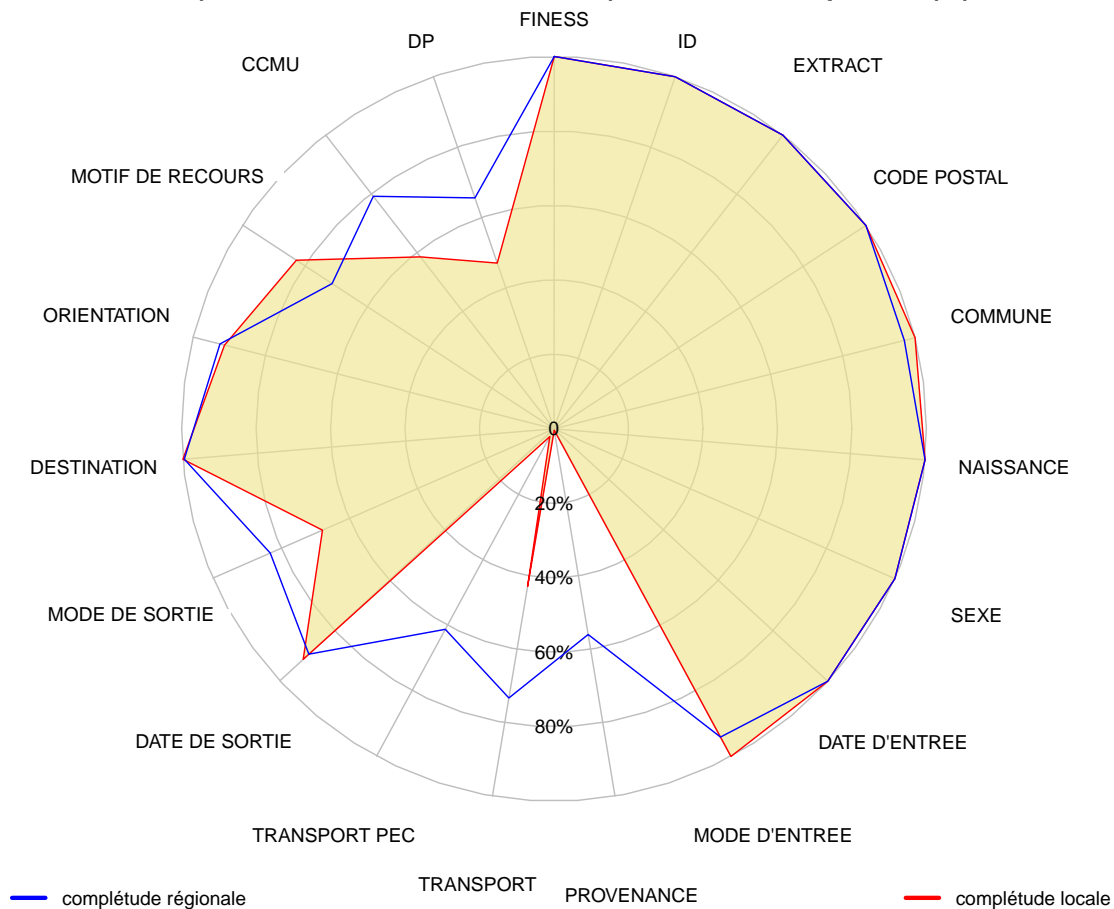


```
[1] "Score local: 91.24 sur 100"
[1] ""
[1] "===== "
[1] "Emr"
[1] "===== "
```

	2016 - 1	2016 - 2	2016 - 3
FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE POSTAL	100.00	100.00	100.00
COMMUNE	99.93	99.87	99.87
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE D'ENTREE	100.00	100.00	100.00
MODE D'ENTREE	96.21	95.38	95.48
PROVENANCE	96.21	95.38	95.48
TRANSPORT	95.71	94.79	94.93
TRANSPORT PEC	95.73	94.87	95.09
DATE DE SORTIE	79.85	80.12	79.88
MODE DE SORTIE	71.50	73.58	72.64
DESTINATION	100.00	100.00	100.00
ORIENTATION	71.91	76.62	77.93

MOTIF DE RECOURS	79.61	82.38	77.32
CCMU	70.03	72.12	67.96
DP	73.75	76.51	72.25

NHC(du 2016-01-01 au 2016-03-21) – Radar de complétude (%)

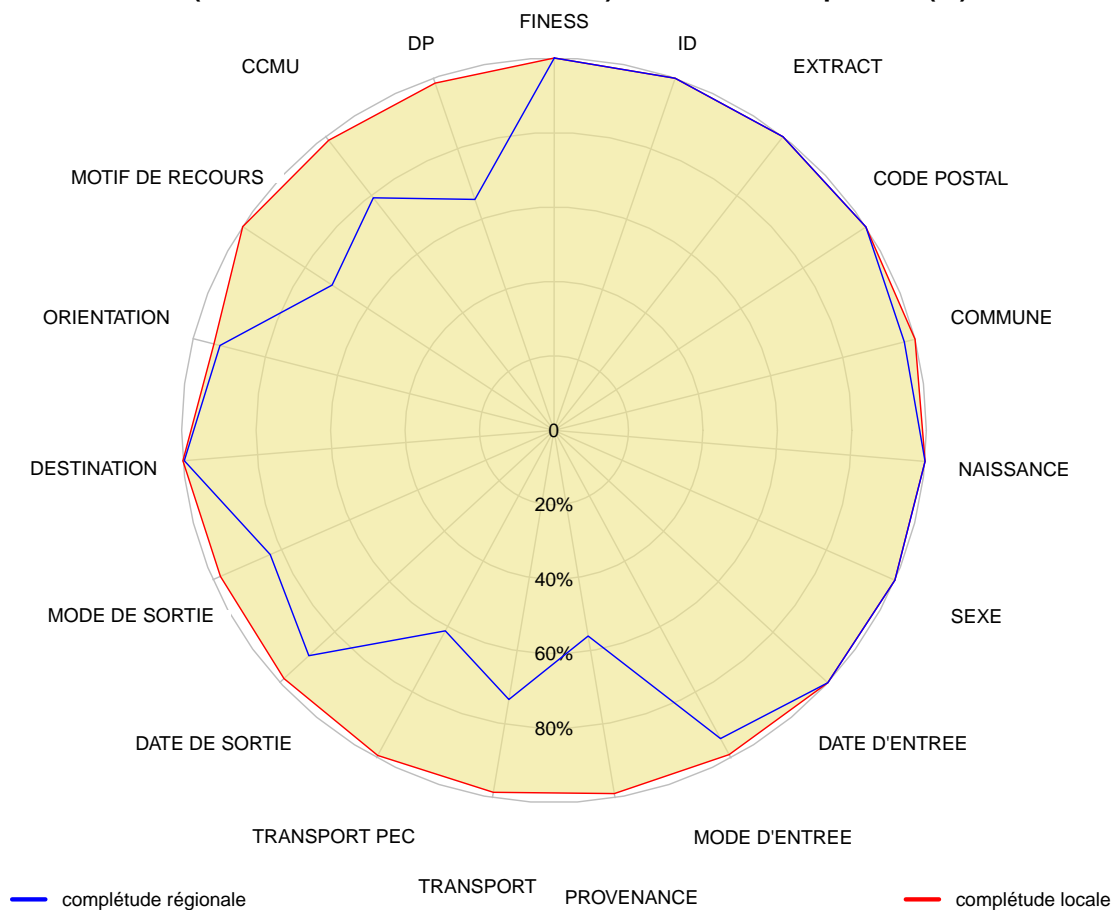


```
[1] "Score local: 78.13 sur 100"
[1] ""
[1] "=====
[1] "NHC"
[1] "=====
```

	2016 - 1	2016 - 2	2016 - 3
FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE D'ENTREE	100.00	100.00	100.00
MODE D'ENTREE	100.00	100.00	100.00
PROVENANCE	0.38	0.38	0.36
TRANSPORT	43.41	43.77	40.94
TRANSPORT PEC	3.50	1.86	1.38

DATE DE SORTIE	88.98	92.18	94.22
MODE DE SORTIE	67.12	65.22	72.52
DESTINATION	100.00	100.00	100.00
ORIENTATION	93.82	90.03	89.57
MOTIF DE RECOURS	81.88	83.64	82.60
CCMU	56.70	57.33	62.64
DP	46.07	47.46	47.95

Geb(du 2016-01-01 au 2016-03-21) – Radar de complétude (%)

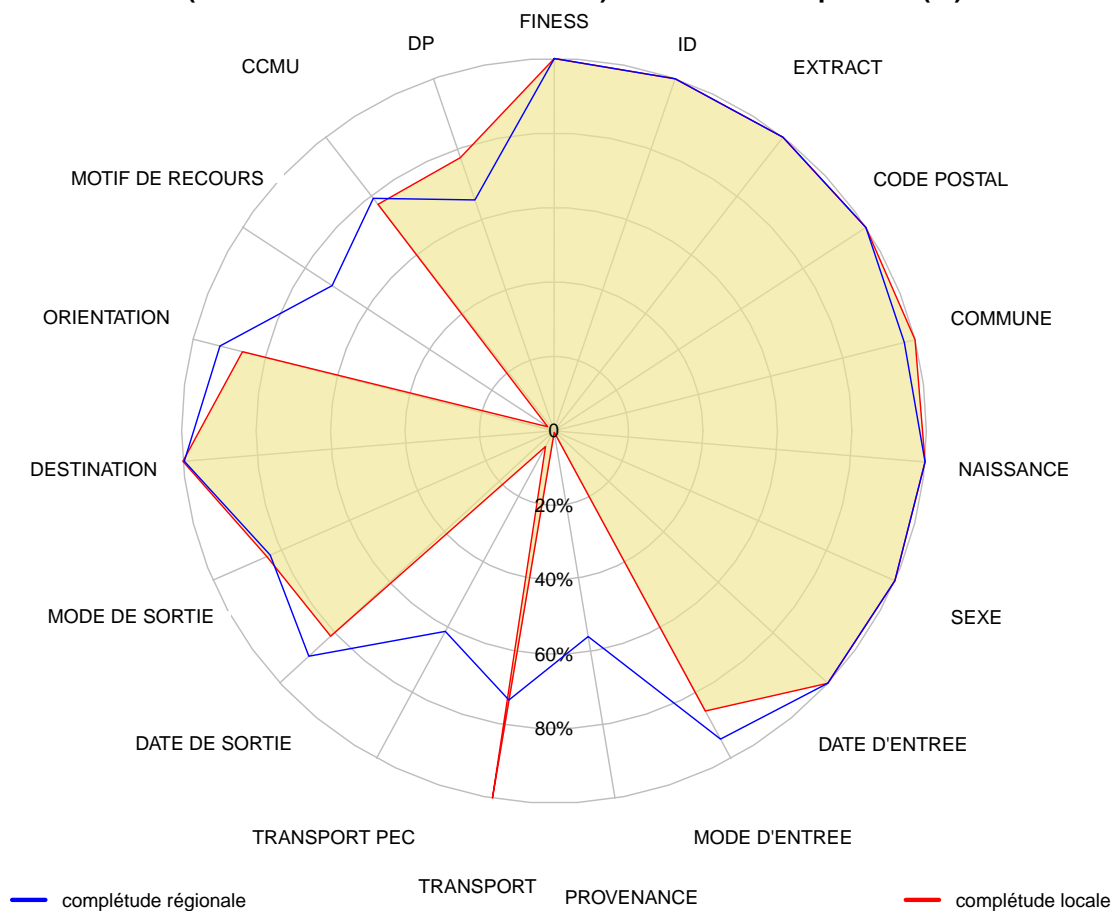


```
[1] "Score local: 99.13 sur 100"
[1] ""
[1] "=====
```

	2016 - 1	2016 - 2	2016 - 3
FINISS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE D'ENTREE	100.00	100.00	100.00

MODE D'ENTREE	98.48	98.95	99.67
PROVENANCE	98.32	98.95	99.56
TRANSPORT	98.40	98.70	98.58
TRANSPORT PEC	98.80	99.51	99.78
DATE DE SORTIE	98.72	98.22	98.58
MODE DE SORTIE	97.53	97.89	98.03
DESTINATION	100.00	100.00	100.00
ORIENTATION	90.97	96.95	94.74
MOTIF DE RECOURS	99.92	99.84	100.00
CCMU	98.88	98.22	98.91
DP	98.79	98.12	98.90

3Fr(du 2016-01-01 au 2016-03-21) – Radar de complétude (%)

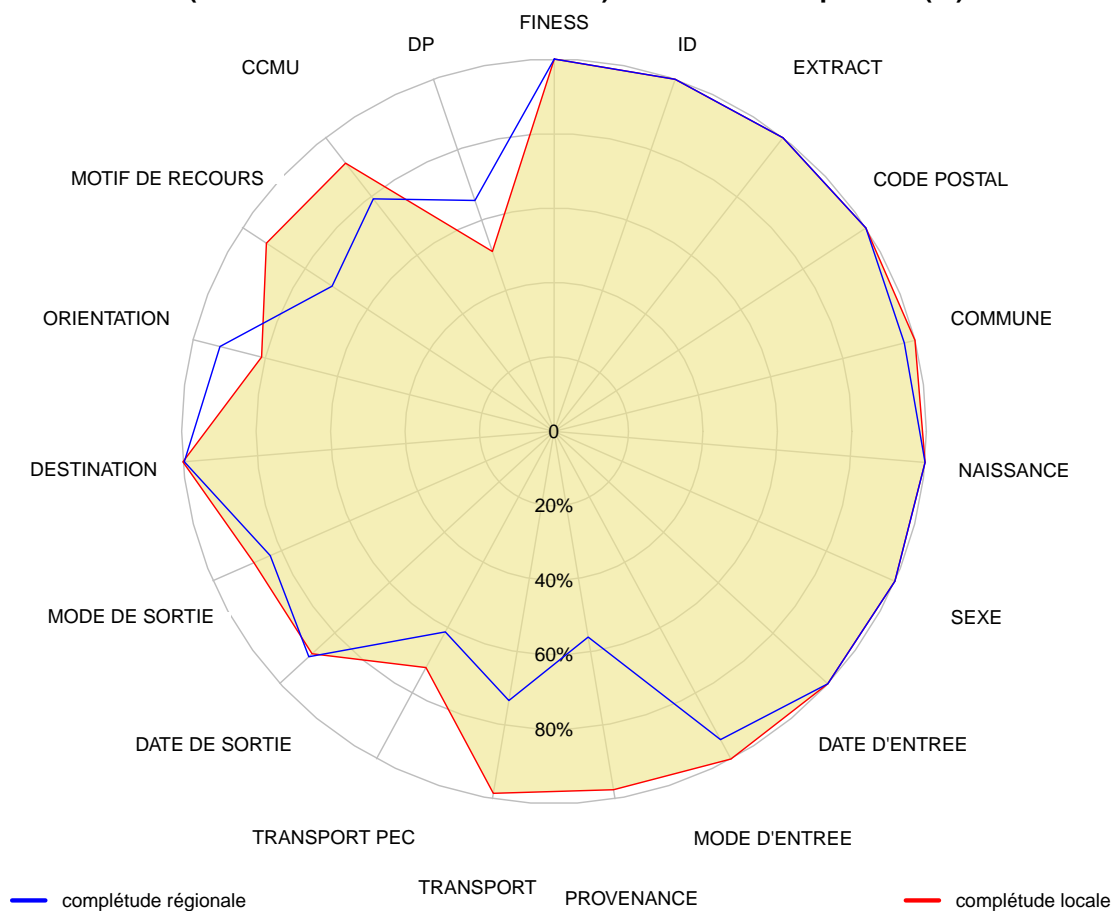


```
[1] "Score local: 78.91 sur 100"
[1] ""
[1] "=====
[1] "3Fr"
[1] "=====
```

	2016 - 1	2016 - 2	2016 - 3
FINESSE	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE POSTAL	100.00	100.00	100.00

COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE D'ENTREE	100.00	100.00	100.00
MODE D'ENTREE	85.35	84.56	86.87
PROVENANCE	0.36	0.59	0.18
TRANSPORT	99.93	100.00	100.00
TRANSPORT PEC	5.15	5.20	3.83
DATE DE SORTIE	82.13	80.48	81.86
MODE DE SORTIE	89.64	80.40	81.86
DESTINATION	100.00	100.00	100.00
ORIENTATION	81.94	87.30	91.26
MOTIF DE RECOURS	2.07	1.78	2.28
CCMU	78.41	77.06	75.30
DP	78.08	77.56	76.97

Odi(du 2016-01-01 au 2016-03-21) – Radar de complétude (%)



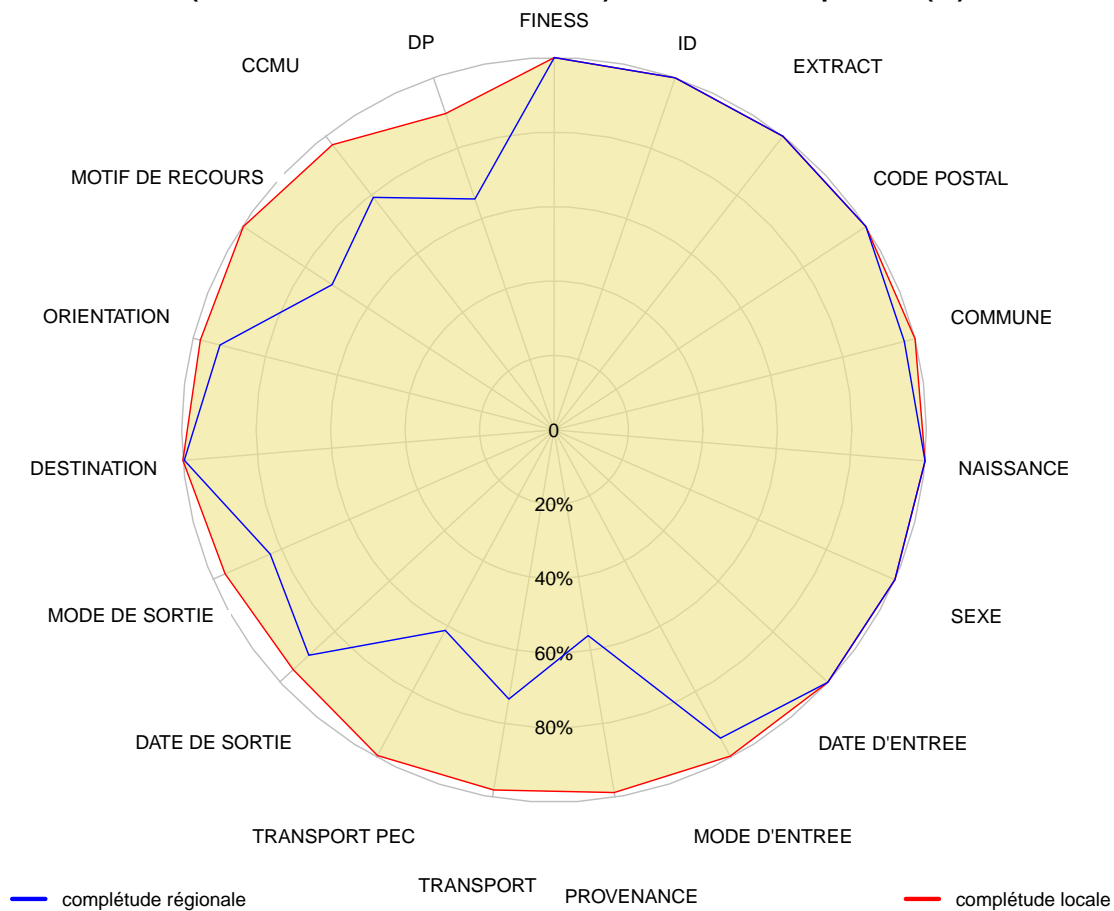
```

[1] "Score local: 92.64 sur 100"
[1] ""
[1] "===== "
[1] "Odi "
[1] "===== "
2016 - 1 2016 - 2 2016 - 3

```

FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	99.93
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE D'ENTREE	100.00	100.00	100.00
MODE D'ENTREE	100.00	100.00	100.00
PROVENANCE	97.89	97.26	97.40
TRANSPORT	98.42	98.46	98.89
TRANSPORT PEC	70.81	59.74	90.49
DATE DE SORTIE	89.58	86.60	88.28
MODE DE SORTIE	89.30	86.40	87.89
DESTINATION	100.00	100.00	100.00
ORIENTATION	85.21	72.94	80.85
MOTIF DE RECOURS	91.97	92.23	92.97
CCMU	91.12	90.73	92.06
DP	49.78	50.92	53.39

Wis(du 2016-01-01 au 2016-03-21) – Radar de complétude (%)



[1] "Score local: 98.52 sur 100"

[1] ""

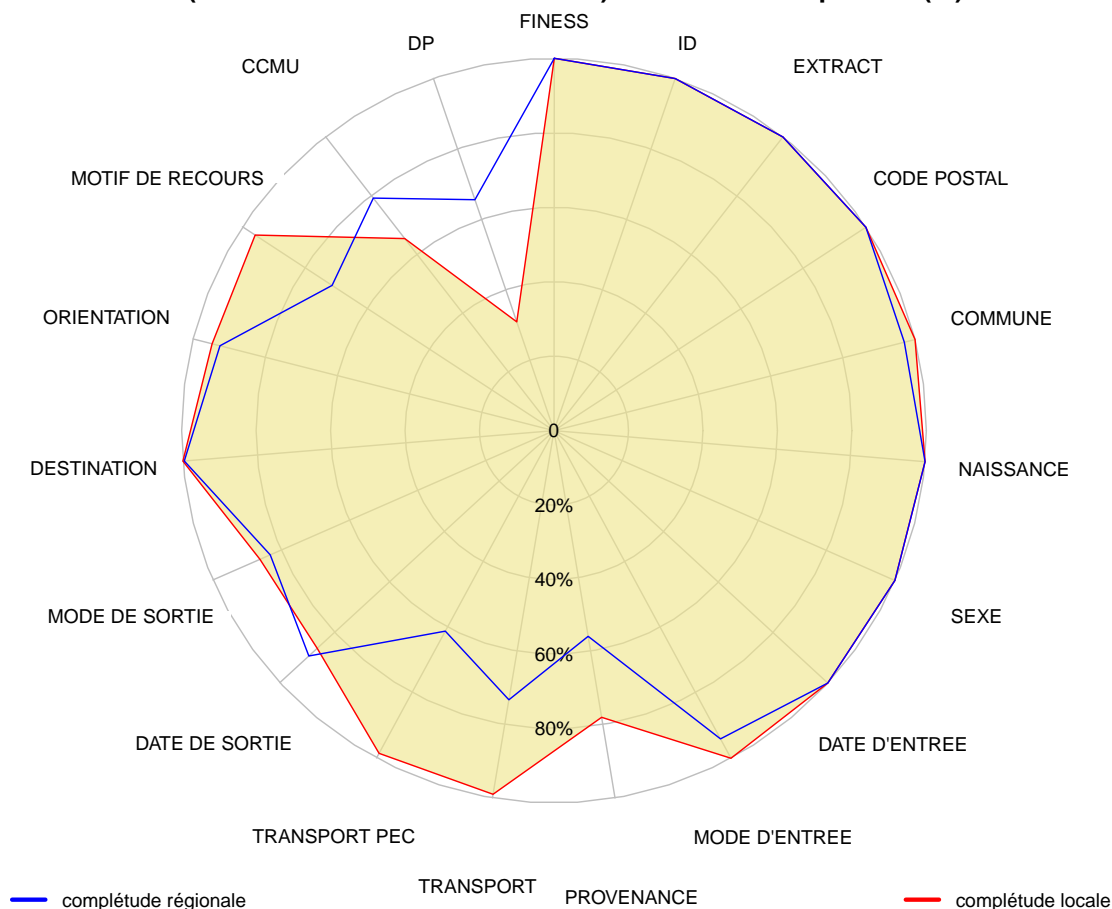
```
[1] "=====
```

```
[1] "Wis"
```

```
[1] "=====
```

	2016 - 1	2016 - 2	2016 - 3
FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE D'ENTREE	100.00	100.00	100.00
MODE D'ENTREE	99.55	99.69	99.47
PROVENANCE	98.64	98.86	98.67
TRANSPORT	97.56	98.96	97.60
TRANSPORT PEC	99.55	99.59	99.20
DATE DE SORTIE	93.86	95.44	96.67
MODE DE SORTIE	96.21	95.95	97.33
DESTINATION	100.00	100.00	100.00
ORIENTATION	97.25	99.49	97.32
MOTIF DE RECOURS	99.73	99.69	99.73
CCMU	96.66	96.89	97.60
DP	91.01	88.90	89.19

Dts(du 2016-01-01 au 2016-03-21) – Radar de complétude (%)



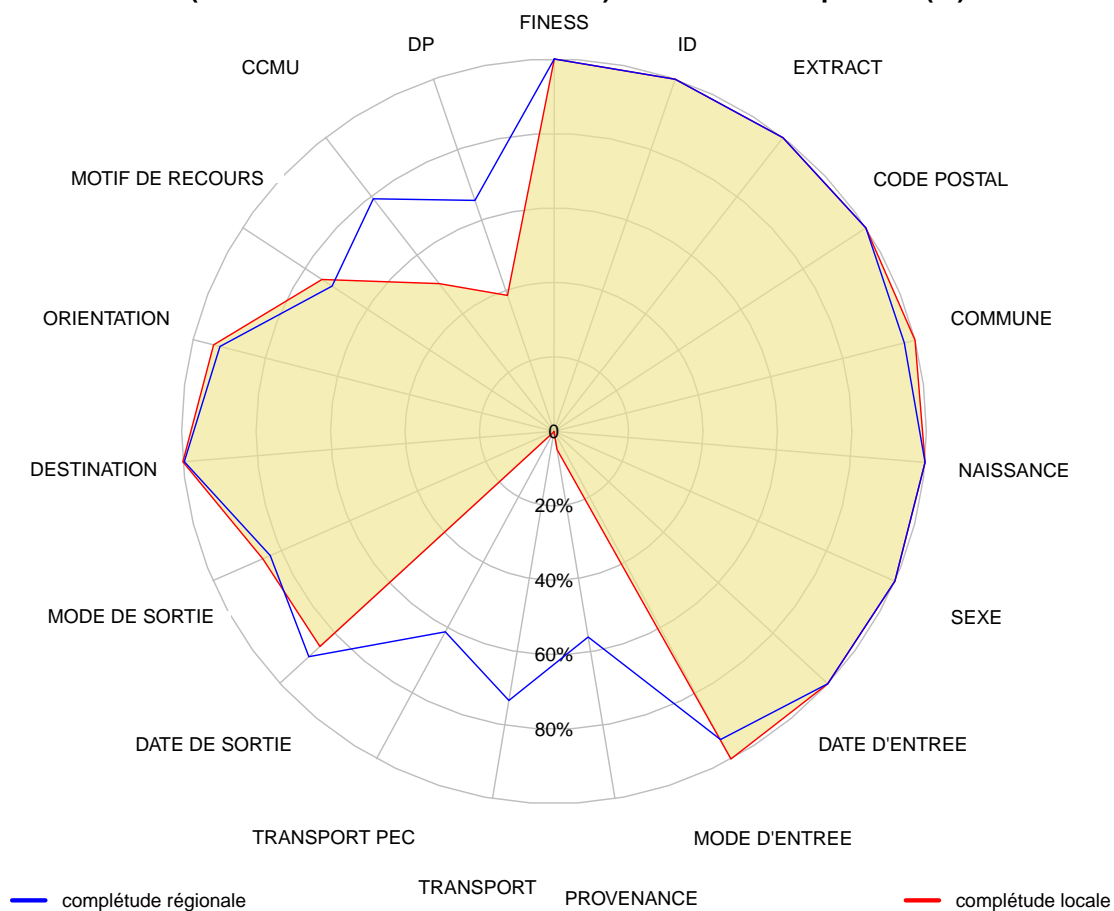
```

[1] "Score local: 91.32 sur 100"
[1] ""
[1] "=====
[1] "Dts"
[1] "=====

```

	2016 - 1	2016 - 2	2016 - 3
FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE D'ENTREE	100.00	100.00	100.00
MODE D'ENTREE	100.00	100.00	100.00
PROVENANCE	86.67	77.97	66.67
TRANSPORT	99.61	98.94	98.32
TRANSPORT PEC	99.12	98.62	97.80
DATE DE SORTIE	86.38	85.28	87.73
MODE DE SORTIE	86.19	85.28	87.34
DESTINATION	100.00	100.00	100.00
ORIENTATION	100.00	83.33	100.00
MOTIF DE RECOURS	96.21	95.87	95.61
CCMU	65.27	68.64	61.37
DP	35.51	23.73	33.46

Sav(du 2016-01-01 au 2016-03-21) – Radar de complétude (%)

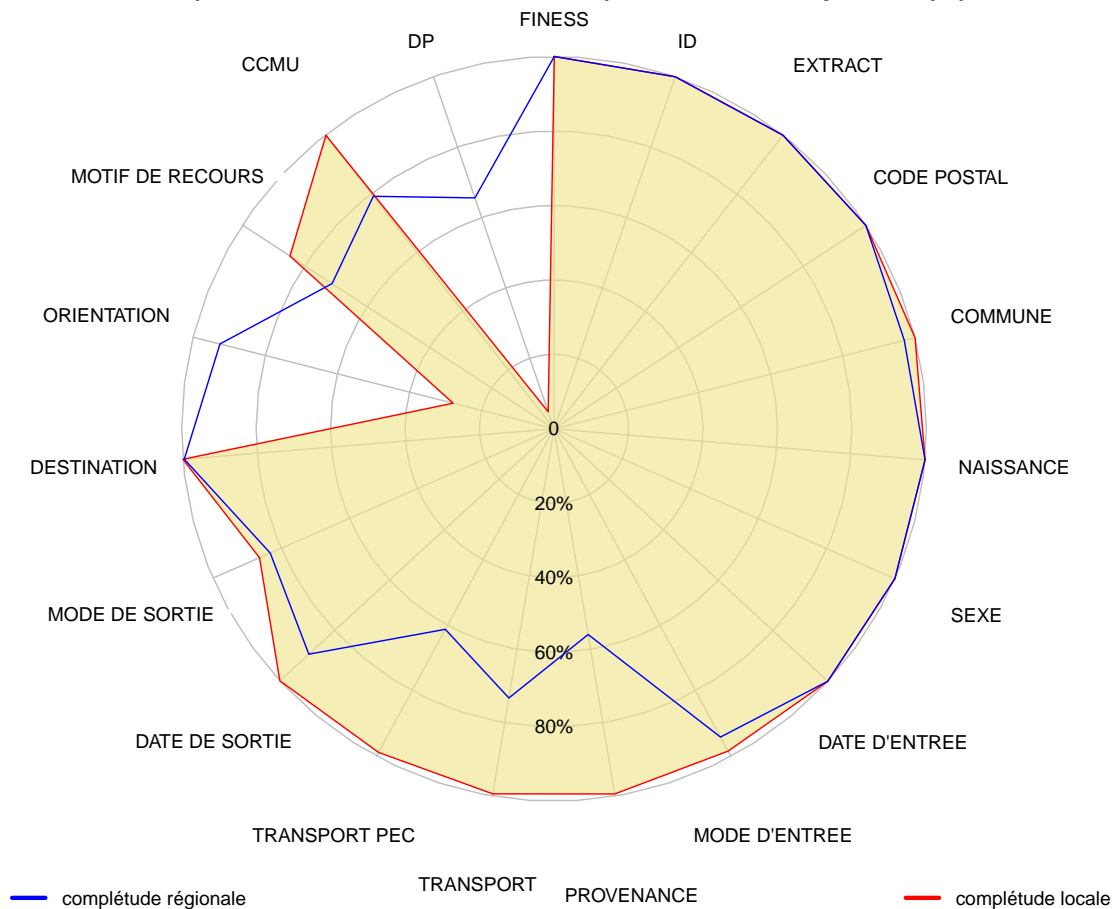


```
[1] "Score local: 75.45 sur 100"
[1] ""
[1] "===== "
[1] "Sav"
[1] "===== "
```

	2016 - 1	2016 - 2	2016 - 3
FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE D'ENTREE	100.00	100.00	100.00
MODE D'ENTREE	100.00	100.00	100.00
PROVENANCE	4.52	5.94	4.30
TRANSPORT	0.00	0.00	0.00
TRANSPORT PEC	0.00	0.26	0.54
DATE DE SORTIE	85.77	83.22	87.53
MODE DE SORTIE	85.77	83.22	87.48
DESTINATION	100.00	100.00	100.00
ORIENTATION	94.76	94.03	94.13

MOTIF DE RECOURS	74.36	74.57	74.52
CCMU	48.34	51.03	51.93
DP	35.92	39.23	41.56

Ros(du 2016-01-01 au 2016-03-21) – Radar de complétude (%)

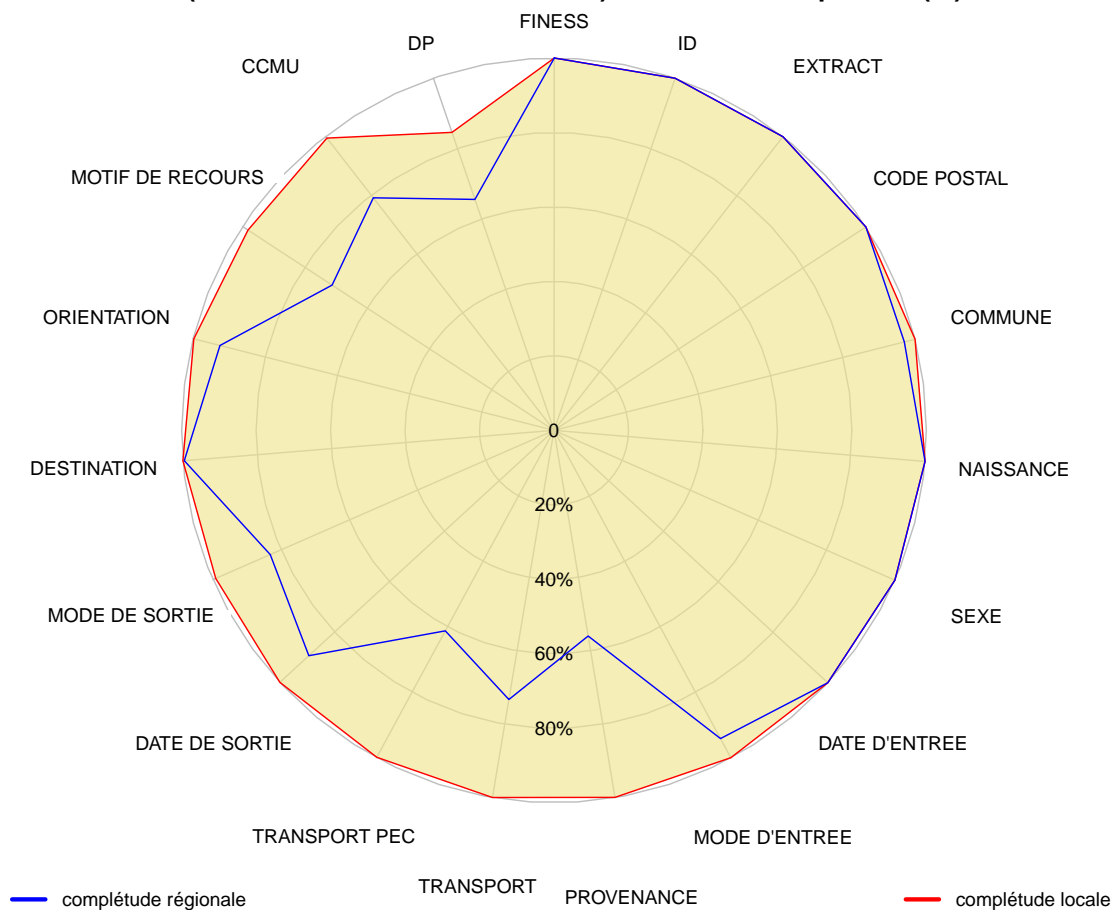


```
[1] "Score local: 89.46 sur 100"
[1] ""
[1] "=====
[1] "Ros"
[1] "=====
```

	2016 - 1	2016 - 2	2016 - 3
FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE D'ENTREE	100.00	100.00	100.00
MODE D'ENTREE	98.19	98.18	98.80
PROVENANCE	99.46	99.34	99.40
TRANSPORT	99.28	99.67	99.20
TRANSPORT PEC	98.73	98.51	99.40

DATE DE SORTIE	100.00	100.00	100.00
MODE DE SORTIE	90.40	84.58	83.94
DESTINATION	100.00	100.00	100.00
ORIENTATION	29.85	18.52	37.50
MOTIF DE RECOURS	84.06	84.25	86.14
CCMU	99.82	99.67	100.00
DP	5.07	6.15	3.04

Dia(du 2016-01-01 au 2016-03-21) – Radar de complétude (%)

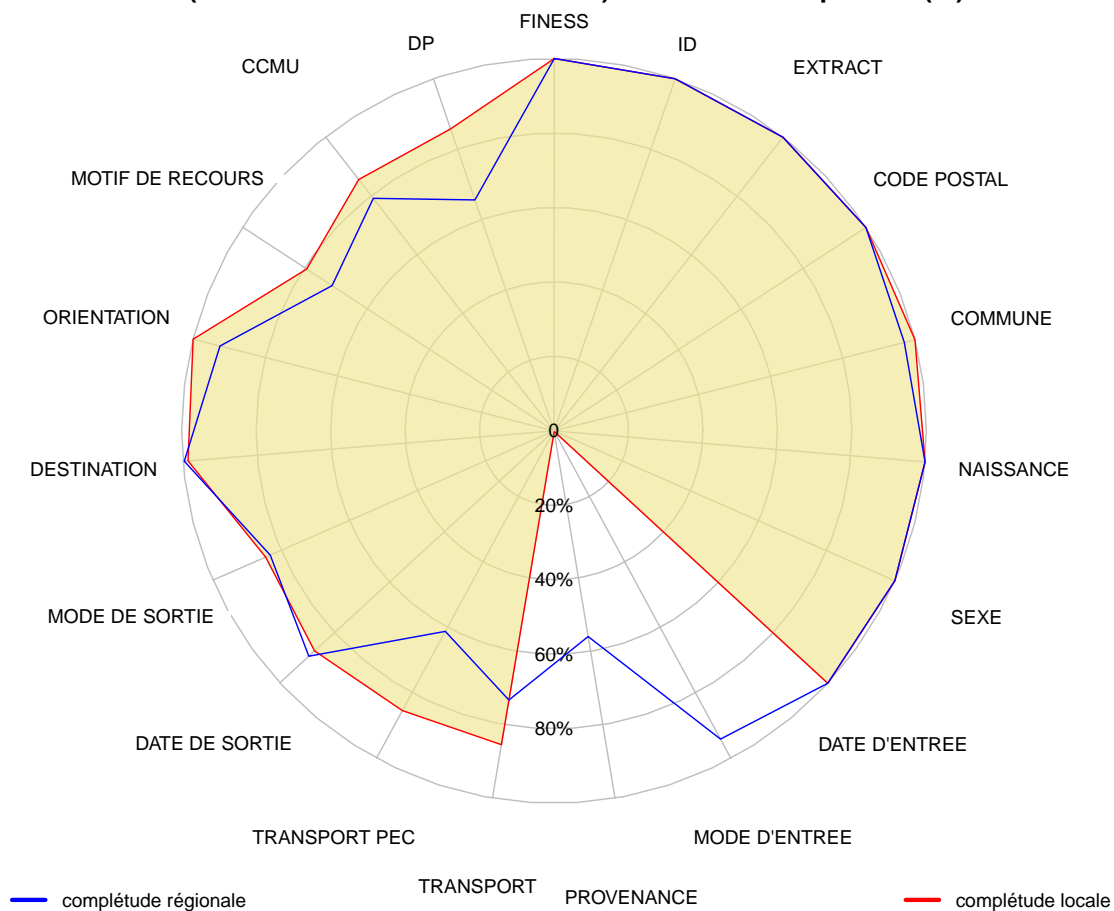


```
[1] "Score local: 98.99 sur 100"
[1] ""
[1] "=====
```

	2016 - 1	2016 - 2	2016 - 3
FINISS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE D'ENTREE	100.00	100.00	100.00

MODE D'ENTREE	99.88	99.91	100.00
PROVENANCE	99.88	99.91	100.00
TRANSPORT	99.96	100.00	100.00
TRANSPORT PEC	99.71	100.00	99.94
DATE DE SORTIE	100.00	100.00	100.00
MODE DE SORTIE	99.30	98.79	99.47
DESTINATION	100.00	100.00	100.00
ORIENTATION	99.85	99.61	100.00
MOTIF DE RECOURS	97.53	98.66	98.63
CCMU	99.05	99.55	99.70
DP	83.58	84.02	86.81

Hsr(du 2016-01-01 au 2016-03-21) – Radar de complétude (%)

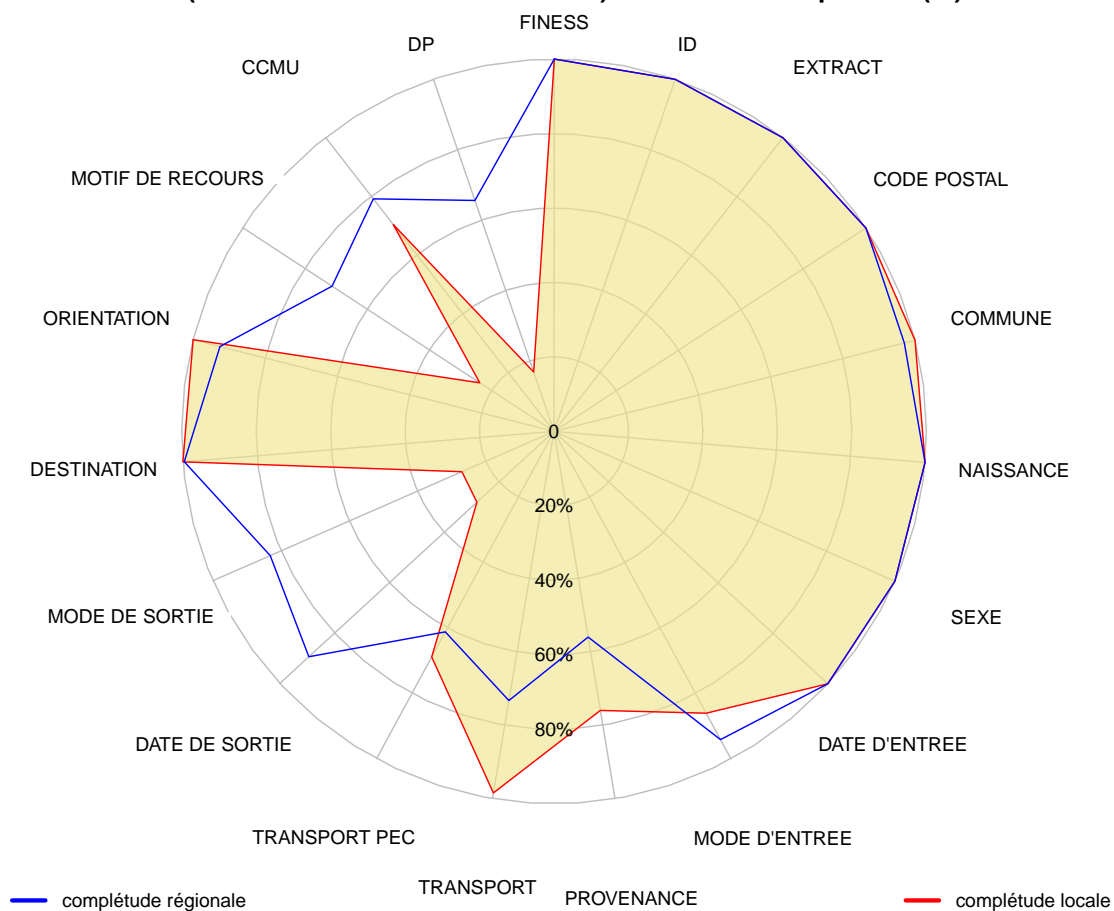


```
[1] "Score local: 83.81 sur 100"
[1] ""
[1] "=====
[1] "Hsr"
[1] "=====
```

	2016 - 1	2016 - 2	2016 - 3
FINESSE	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE POSTAL	100.00	100.00	100.00

COMMUNE	100.00	99.92	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE D'ENTREE	100.00	100.00	100.00
MODE D'ENTREE	0.27	0.08	0.41
PROVENANCE	0.27	0.08	0.41
TRANSPORT	88.50	81.62	85.90
TRANSPORT PEC	88.50	81.62	85.90
DATE DE SORTIE	86.43	88.15	87.54
MODE DE SORTIE	83.69	85.22	84.84
DESTINATION	100.00	97.08	98.40
ORIENTATION	100.00	100.00	100.00
MOTIF DE RECOURS	79.88	79.22	78.93
CCMU	86.36	86.20	83.61
DP	86.97	86.50	83.36

Alk(du 2016-01-01 au 2016-03-21) – Radar de complétude (%)



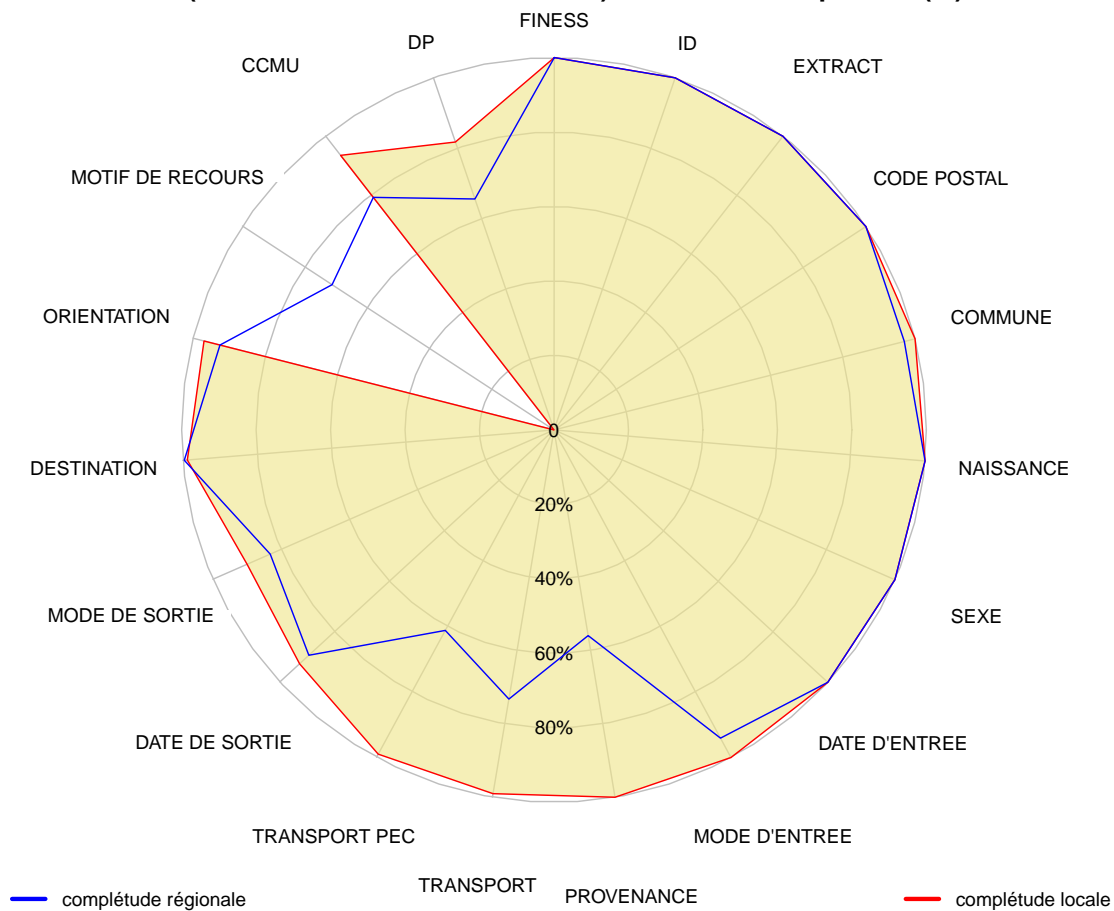
```

[1] "Score local: 78.71 sur 100"
[1] ""
[1] "===== "
[1] "Alk"
[1] "===== "
2016 - 1 2016 - 2 2016 - 3

```

FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE D'ENTREE	100.00	100.00	100.00
MODE D'ENTREE	83.93	85.63	89.40
PROVENANCE	72.74	75.56	80.98
TRANSPORT	98.30	99.23	97.71
TRANSPORT PEC	64.44	68.59	75.57
DATE DE SORTIE	26.15	32.96	25.05
MODE DE SORTIE	25.63	30.98	24.12
DESTINATION	100.00	100.00	100.00
ORIENTATION	100.00	100.00	100.00
MOTIF DE RECOURS	21.26	28.83	21.41
CCMU	64.59	72.12	76.30
DP	14.43	21.18	15.10

Col(du 2016-01-01 au 2016-03-21) – Radar de complétude (%)



[1] "Score local: 92.2 sur 100"

[1] ""

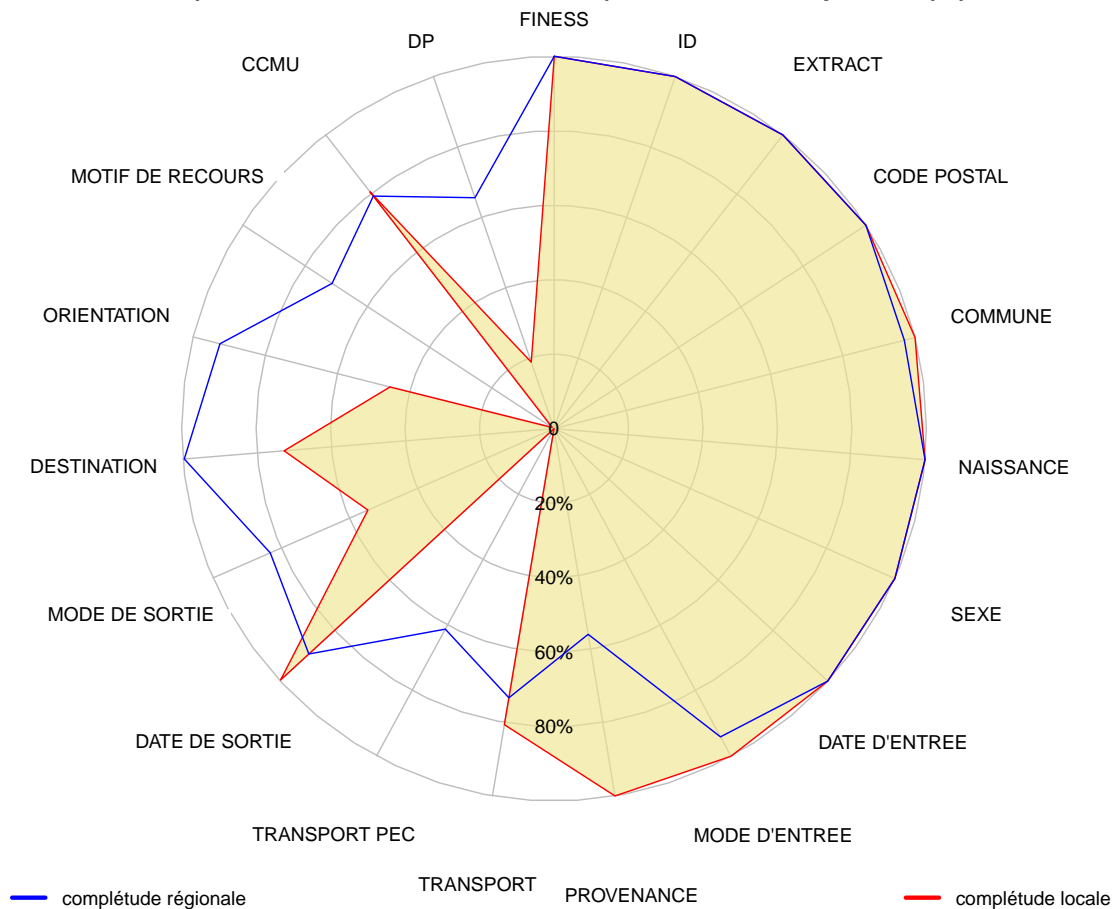
```

[1] "=====
[1] "Col"
[1] "=====

```

	2016 - 1	2016 - 2	2016 - 3
FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE D'ENTREE	100.00	100.00	100.00
MODE D'ENTREE	100.00	100.00	100.00
PROVENANCE	100.00	100.00	100.00
TRANSPORT	99.01	99.38	98.70
TRANSPORT PEC	99.01	99.38	98.70
DATE DE SORTIE	91.56	92.96	94.23
MODE DE SORTIE	88.44	89.94	92.01
DESTINATION	98.54	98.65	99.36
ORIENTATION	96.75	96.58	97.77
MOTIF DE RECOURS	100.00	100.00	100.00
CCMU	92.28	93.54	94.62
DP	80.92	82.38	81.96

Ane(du 2016-01-01 au 2016-03-21) – Radar de complétude (%)



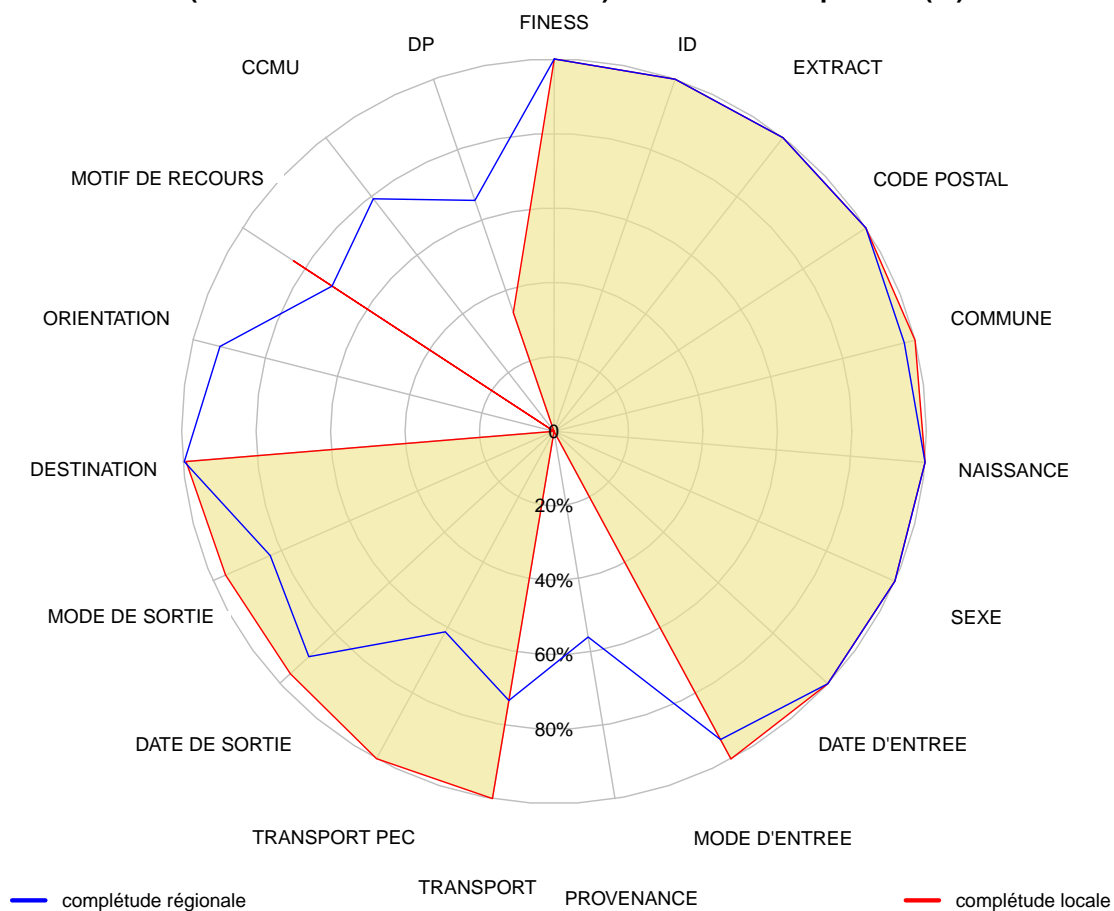
```

[1] "Score local: 76.48 sur 100"
[1] ""
[1] "=====
[1] "Ane"
[1] "=====

```

	2016 - 1	2016 - 2	2016 - 3
FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE D'ENTREE	100.00	100.00	100.00
MODE D'ENTREE	100.00	100.00	100.00
PROVENANCE	100.00	100.00	100.00
TRANSPORT	67.66	80.89	96.59
TRANSPORT PEC	0.00	0.00	0.00
DATE DE SORTIE	99.57	99.84	99.82
MODE DE SORTIE	16.10	58.12	98.84
DESTINATION	100.00	66.67	75.00
ORIENTATION	0.00	50.00	50.00
MOTIF DE RECOURS	67.52	80.89	96.59
CCMU	67.59	81.04	96.24
DP	0.00	35.20	23.87

Tan(du 2016-01-01 au 2016-03-21) – Radar de complétude (%)

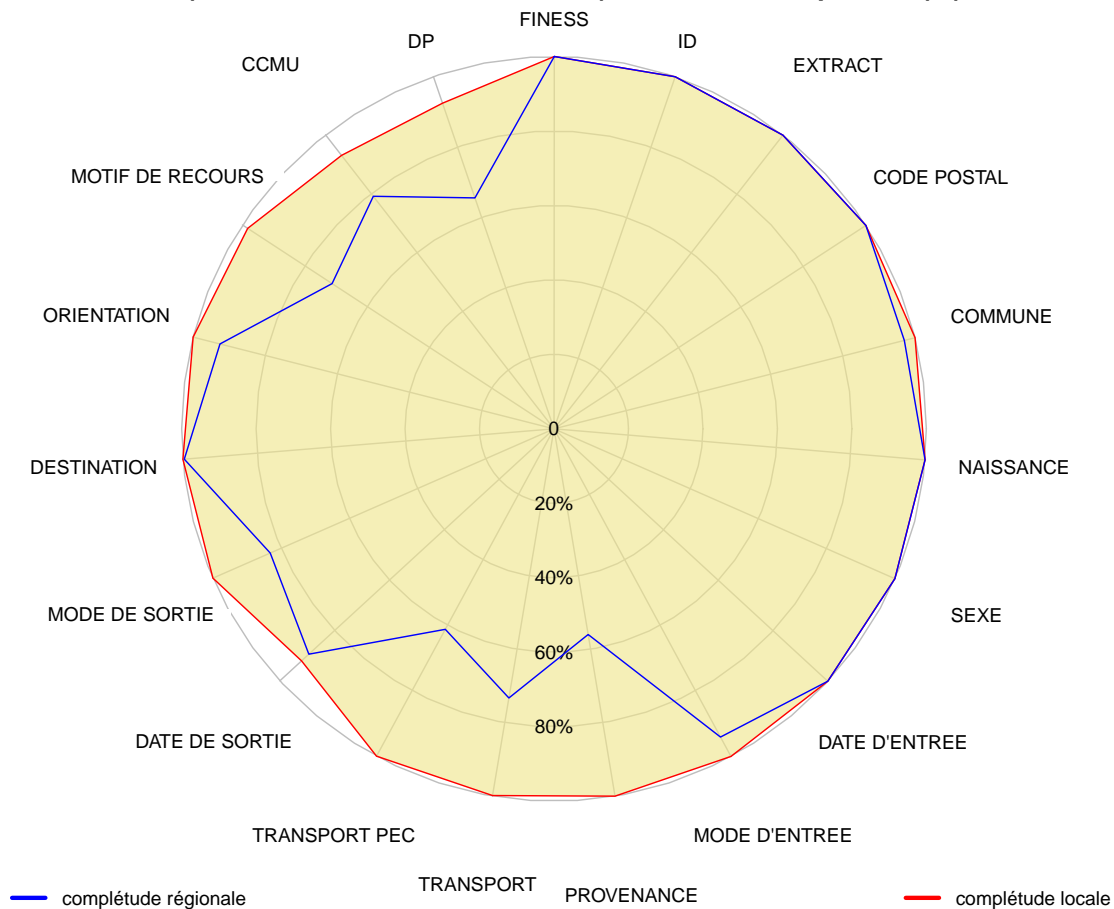


```
[1] "Score local: 79.43 sur 100"
[1] ""
[1] "===== "
[1] "Tan"
[1] "===== "
```

	2016 - 2	2016 - 3
FINESS	100.00	100.00
ID	100.00	100.00
EXTRACT	100.00	100.00
CODE POSTAL	100.00	100.00
COMMUNE	100.00	100.00
NAISSANCE	100.00	100.00
SEXE	100.00	100.00
DATE D'ENTREE	100.00	100.00
MODE D'ENTREE	100.00	100.00
PROVENANCE	0.00	0.00
TRANSPORT	100.00	100.00
TRANSPORT PEC	100.00	100.00
DATE DE SORTIE	100.00	95.13
MODE DE SORTIE	100.00	95.24
DESTINATION	100.00	98.88
ORIENTATION	0.00	0.00

MOTIF DE RECOURS	85.38	83.39
CCMU	0.00	0.00
DP	37.55	32.67

Sel(du 2016-01-01 au 2016-03-21) – Radar de complétude (%)



```
[1] "Score local: 98.72 sur 100"
[1] ""
[1] "===== "
[1] "Sel"
[1] "===== "
```

	2016 - 1	2016 - 2	2016 - 3
FINISS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE D'ENTREE	100.00	100.00	100.00
MODE D'ENTREE	100.00	100.00	100.00
PROVENANCE	100.00	100.00	100.00
TRANSPORT	99.89	99.83	99.84
TRANSPORT PEC	100.00	100.00	100.00

DATE DE SORTIE	93.57	91.97	90.13
MODE DE SORTIE	100.00	100.00	100.00
DESTINATION	100.00	100.00	100.00
ORIENTATION	100.00	100.00	100.00
MOTIF DE RECOURS	97.99	98.97	98.03
CCMU	94.30	92.70	91.54
DP	93.86	92.08	90.85

2 Suivi des Complétude par établissement et par mois

Crée un tableau de complétude par mois:

```
[1] ""
[1] "=====
[1] "Hag - 2016"
[1] "=====
      1      2      3
FINESS      100.00 100.00 100.00
ID           100.00 100.00 100.00
EXTRACT      100.00 100.00 100.00
CODE.POSTAL  100.00 100.00 100.00
COMMUNE      68.65  66.66  64.92
NAISSANCE    100.00 100.00 100.00
SEXE         100.00 100.00 100.00
DATE.D.ENTREE 100.00 100.00 100.00
MODE.D.ENTREE  87.09  89.35  88.12
PROVENANCE    24.53  23.00  28.29
TRANSPORT     69.63  67.57  65.95
TRANSPORT.PEC 89.37  88.60  89.78
DATE.DE.SORTIE 87.47  88.71  87.31
MODE.DE.SORTIE 89.73  90.32  89.46
DESTINATION   99.75  98.80  98.76
ORIENTATION   89.86  90.56  86.68
MOTIF.DE.RECOURS 26.51 28.68 33.88
CCMU          76.81  77.45  70.83
DP            78.14  78.90  73.20
[1] "=====
```

```
Warning in write.csv(b, file = paste0("../../RPU_2015/Resultats/"),
  finess[i], : attempt to set 'col.names' ignored
```

```
[1] ""
[1] "=====
[1] "HTP - 2016"
[1] "=====
      1      2      3
FINESS      100.00 100.00 100.00
ID           100.00 100.00 100.00
EXTRACT      100.00 100.00 100.00
CODE.POSTAL  100.00 100.00 100.00
COMMUNE      100.00 100.00 100.00
NAISSANCE    100.00 100.00 100.00
```

SEXE	100.00	100.00	100.00
DATE.D.ENTREE	100.00	100.00	100.00
MODE.D.ENTREE	100.00	100.00	100.00
PROVENANCE	0.25	0.30	0.34
TRANSPORT	22.61	24.44	17.14
TRANSPORT.PEC	0.45	0.44	0.51
DATE.DE.SORTIE	97.25	97.59	98.26
MODE.DE.SORTIE	81.12	80.21	84.40
DESTINATION	100.00	100.00	100.00
ORIENTATION	98.11	98.69	98.55
MOTIF.DE.RECOURS	32.92	39.02	39.72
CCMU	74.96	75.97	77.89
DP	60.48	59.43	63.50

```
[1] "=====
```

```
Warning in write.csv(b, file = paste0("../../RPU_2015/Resultats/",
finess[i], : attempt to set 'col.names' ignored
```

```
[1] ""
```

```
[1] "=====
```

```
[1] "Emr - 2016"
```

```
[1] "=====
```

	1	2	3
FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE.POSTAL	100.00	100.00	100.00
COMMUNE	99.93	99.87	99.87
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE.D.ENTREE	100.00	100.00	100.00
MODE.D.ENTREE	96.21	95.38	95.48
PROVENANCE	96.21	95.38	95.48
TRANSPORT	95.71	94.79	94.93
TRANSPORT.PEC	95.73	94.87	95.09
DATE.DE.SORTIE	79.85	80.12	79.88
MODE.DE.SORTIE	71.50	73.58	72.64
DESTINATION	100.00	100.00	100.00
ORIENTATION	71.91	76.62	77.93
MOTIF.DE.RECOURS	79.61	82.38	77.32
CCMU	70.03	72.12	67.96
DP	73.75	76.51	72.25

```
[1] "=====
```

```
Warning in write.csv(b, file = paste0("../../RPU_2015/Resultats/",
finess[i], : attempt to set 'col.names' ignored
```

```
[1] ""
```

```
[1] "=====
```

```
[1] "NHC - 2016"
```

```
[1] "=====
```

	1	2	3
FINESS	100.00	100.00	100.00

ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE.POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE.D.ENTREE	100.00	100.00	100.00
MODE.D.ENTREE	100.00	100.00	100.00
PROVENANCE	0.38	0.38	0.36
TRANSPORT	43.41	43.77	40.94
TRANSPORT.PEC	3.50	1.86	1.38
DATE.DE.SORTIE	88.98	92.18	94.22
MODE.DE.SORTIE	67.12	65.22	72.52
DESTINATION	100.00	100.00	100.00
ORIENTATION	93.82	90.03	89.57
MOTIF.DE.RECOURS	81.88	83.64	82.60
CCMU	56.70	57.33	62.64
DP	46.07	47.46	47.95

[1] "=====

Warning in write.csv(b, file = paste0("../../RPU_2015/Resultats/",
finess[i], : attempt to set 'col.names' ignored

[1] ""

[1] "=====

[1] "Geb - 2016"

[1] "=====

	1	2	3
FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE.POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE.D.ENTREE	100.00	100.00	100.00
MODE.D.ENTREE	98.48	98.95	99.67
PROVENANCE	98.32	98.95	99.56
TRANSPORT	98.40	98.70	98.58
TRANSPORT.PEC	98.80	99.51	99.78
DATE.DE.SORTIE	98.72	98.22	98.58
MODE.DE.SORTIE	97.53	97.89	98.03
DESTINATION	100.00	100.00	100.00
ORIENTATION	90.97	96.95	94.74
MOTIF.DE.RECOURS	99.92	99.84	100.00
CCMU	98.88	98.22	98.91
DP	98.79	98.12	98.90

[1] "=====

Warning in write.csv(b, file = paste0("../../RPU_2015/Resultats/",
finess[i], : attempt to set 'col.names' ignored

[1] ""

```
[1] "=====
[1] "3Fr - 2016"
[1] "=====
      1      2      3
FINESS      100.00 100.00 100.00
ID           100.00 100.00 100.00
EXTRACT      100.00 100.00 100.00
CODE.POSTAL  100.00 100.00 100.00
COMMUNE      100.00 100.00 100.00
NAISSANCE    100.00 100.00 100.00
SEXE         100.00 100.00 100.00
DATE.D.ENTREE 100.00 100.00 100.00
MODE.D.ENTREE 85.35  84.56  86.87
PROVENANCE   0.36   0.59   0.18
TRANSPORT    99.93 100.00 100.00
TRANSPORT.PEC 5.15   5.20   3.83
DATE.DE.SORTIE 82.13 80.48 81.86
MODE.DE.SORTIE 89.64 80.40 81.86
DESTINATION  100.00 100.00 100.00
ORIENTATION  81.94 87.30 91.26
MOTIF.DE.RECOURS 2.07 1.78 2.28
CCMU         78.41 77.06 75.30
DP           78.08 77.56 76.97
[1] "=====
```

```
Warning in write.csv(b, file = paste0("../../RPU_2015/Resultats/",
finess[i], : attempt to set 'col.names' ignored
```

```
[1] ""
[1] "=====
[1] "Odi - 2016"
[1] "=====
      1      2      3
FINESS      100.00 100.00 100.00
ID           100.00 100.00 100.00
EXTRACT      100.00 100.00 100.00
CODE.POSTAL  100.00 100.00 100.00
COMMUNE      100.00 100.00 99.93
NAISSANCE    100.00 100.00 100.00
SEXE         100.00 100.00 100.00
DATE.D.ENTREE 100.00 100.00 100.00
MODE.D.ENTREE 100.00 100.00 100.00
PROVENANCE   97.89 97.26 97.40
TRANSPORT    98.42 98.46 98.89
TRANSPORT.PEC 70.81 59.74 90.49
DATE.DE.SORTIE 89.58 86.60 88.28
MODE.DE.SORTIE 89.30 86.40 87.89
DESTINATION  100.00 100.00 100.00
ORIENTATION  85.21 72.94 80.85
MOTIF.DE.RECOURS 91.97 92.23 92.97
CCMU         91.12 90.73 92.06
DP           49.78 50.92 53.39
[1] "=====
```

```
Warning in write.csv(b, file = paste0("../../RPU_2015/Resultats/"),
  finess[i], : attempt to set 'col.names' ignored
```

```
[1] ""
[1] "=====
[1] "Wis - 2016"
[1] "=====

      1      2      3
FINESS      100.00 100.00 100.00
ID           100.00 100.00 100.00
EXTRACT      100.00 100.00 100.00
CODE.POSTAL  100.00 100.00 100.00
COMMUNE      100.00 100.00 100.00
NAISSANCE    100.00 100.00 100.00
SEXE         100.00 100.00 100.00
DATE.D.ENTREE 100.00 100.00 100.00
MODE.D.ENTREE 99.55  99.69  99.47
PROVENANCE   98.64  98.86  98.67
TRANSPORT    97.56  98.96  97.60
TRANSPORT.PEC 99.55  99.59  99.20
DATE.DE.SORTIE 93.86  95.44  96.67
MODE.DE.SORTIE 96.21  95.95  97.33
DESTINATION  100.00 100.00 100.00
ORIENTATION  97.25  99.49  97.32
MOTIF.DE.RECOURS 99.73  99.69  99.73
CCMU         96.66  96.89  97.60
DP           91.01  88.90  89.19
[1] "=====
```

```
Warning in write.csv(b, file = paste0("../../RPU_2015/Resultats/"),
  finess[i], : attempt to set 'col.names' ignored
```

```
[1] ""
[1] "=====
[1] "Dts - 2016"
[1] "=====

      1      2      3
FINESS      100.00 100.00 100.00
ID           100.00 100.00 100.00
EXTRACT      100.00 100.00 100.00
CODE.POSTAL  100.00 100.00 100.00
COMMUNE      100.00 100.00 100.00
NAISSANCE    100.00 100.00 100.00
SEXE         100.00 100.00 100.00
DATE.D.ENTREE 100.00 100.00 100.00
MODE.D.ENTREE 100.00 100.00 100.00
PROVENANCE   86.67  77.97  66.67
TRANSPORT    99.61  98.94  98.32
TRANSPORT.PEC 99.12  98.62  97.80
DATE.DE.SORTIE 86.38  85.28  87.73
MODE.DE.SORTIE 86.19  85.28  87.34
DESTINATION  100.00 100.00 100.00
ORIENTATION  100.00  83.33 100.00
```

```

MOTIF.DE.RECOURS  96.21  95.87  95.61
CCMU               65.27  68.64  61.37
DP                35.51  23.73  33.46
[1] "=====

```

```

Warning in write.csv(b, file = paste0("../../RPU_2015/Resultats/",
finess[i], : attempt to set 'col.names' ignored

```

```

[1] ""
[1] "=====
[1] "Sav - 2016"
[1] "=====

```

	1	2	3
FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE.POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE.D.ENTREE	100.00	100.00	100.00
MODE.D.ENTREE	100.00	100.00	100.00
PROVENANCE	4.52	5.94	4.30
TRANSPORT	0.00	0.00	0.00
TRANSPORT.PEC	0.00	0.26	0.54
DATE.DE.SORTIE	85.77	83.22	87.53
MODE.DE.SORTIE	85.77	83.22	87.48
DESTINATION	100.00	100.00	100.00
ORIENTATION	94.76	94.03	94.13
MOTIF.DE.RECOURS	74.36	74.57	74.52
CCMU	48.34	51.03	51.93
DP	35.92	39.23	41.56

```

[1] "=====

```

```

Warning in write.csv(b, file = paste0("../../RPU_2015/Resultats/",
finess[i], : attempt to set 'col.names' ignored

```

```

[1] ""
[1] "=====
[1] "Ros - 2016"
[1] "=====

```

	1	2	3
FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE.POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE.D.ENTREE	100.00	100.00	100.00
MODE.D.ENTREE	98.19	98.18	98.80
PROVENANCE	99.46	99.34	99.40
TRANSPORT	99.28	99.67	99.20

TRANSPORT.PEC	98.73	98.51	99.40
DATE.DE.SORTIE	100.00	100.00	100.00
MODE.DE.SORTIE	90.40	84.58	83.94
DESTINATION	100.00	100.00	100.00
ORIENTATION	29.85	18.52	37.50
MOTIF.DE.RECOURS	84.06	84.25	86.14
CCMU	99.82	99.67	100.00
DP	5.07	6.15	3.04

```
[1] "=====
```

```
Warning in write.csv(b, file = paste0("../../RPU_2015/Resultats/",
finess[i], : attempt to set 'col.names' ignored
```

```
[1] ""
[1] "=====
```

	1	2	3
FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE.POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE.D.ENTREE	100.00	100.00	100.00
MODE.D.ENTREE	99.88	99.91	100.00
PROVENANCE	99.88	99.91	100.00
TRANSPORT	99.96	100.00	100.00
TRANSPORT.PEC	99.71	100.00	99.94
DATE.DE.SORTIE	100.00	100.00	100.00
MODE.DE.SORTIE	99.30	98.79	99.47
DESTINATION	100.00	100.00	100.00
ORIENTATION	99.85	99.61	100.00
MOTIF.DE.RECOURS	97.53	98.66	98.63
CCMU	99.05	99.55	99.70
DP	83.58	84.02	86.81

```
[1] "=====
```

```
Warning in write.csv(b, file = paste0("../../RPU_2015/Resultats/",
finess[i], : attempt to set 'col.names' ignored
```

```
[1] ""
[1] "=====
```

	1	2	3
FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE.POSTAL	100.00	100.00	100.00
COMMUNE	100.00	99.92	100.00
NAISSANCE	100.00	100.00	100.00

SEXE	100.00	100.00	100.00
DATE.D.ENTREE	100.00	100.00	100.00
MODE.D.ENTREE	0.27	0.08	0.41
PROVENANCE	0.27	0.08	0.41
TRANSPORT	88.50	81.62	85.90
TRANSPORT.PEC	88.50	81.62	85.90
DATE.DE.SORTIE	86.43	88.15	87.54
MODE.DE.SORTIE	83.69	85.22	84.84
DESTINATION	100.00	97.08	98.40
ORIENTATION	100.00	100.00	100.00
MOTIF.DE.RECOURS	79.88	79.22	78.93
CCMU	86.36	86.20	83.61
DP	86.97	86.50	83.36

```
[1] "=====
```

```
Warning in write.csv(b, file = paste0("../../RPU_2015/Resultats/",
finess[i], : attempt to set 'col.names' ignored
```

```
[1] ""
```

```
[1] "=====
```

```
[1] "Alk - 2016"
```

```
[1] "=====
```

	1	2	3
FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE.POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE.D.ENTREE	100.00	100.00	100.00
MODE.D.ENTREE	83.93	85.63	89.40
PROVENANCE	72.74	75.56	80.98
TRANSPORT	98.30	99.23	97.71
TRANSPORT.PEC	64.44	68.59	75.57
DATE.DE.SORTIE	26.15	32.96	25.05
MODE.DE.SORTIE	25.63	30.98	24.12
DESTINATION	100.00	100.00	100.00
ORIENTATION	100.00	100.00	100.00
MOTIF.DE.RECOURS	21.26	28.83	21.41
CCMU	64.59	72.12	76.30
DP	14.43	21.18	15.10

```
[1] "=====
```

```
Warning in write.csv(b, file = paste0("../../RPU_2015/Resultats/",
finess[i], : attempt to set 'col.names' ignored
```

```
[1] ""
```

```
[1] "=====
```

```
[1] "Col - 2016"
```

```
[1] "=====
```

	1	2	3
FINESS	100.00	100.00	100.00

ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE.POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE.D.ENTREE	100.00	100.00	100.00
MODE.D.ENTREE	100.00	100.00	100.00
PROVENANCE	100.00	100.00	100.00
TRANSPORT	99.01	99.38	98.70
TRANSPORT.PEC	99.01	99.38	98.70
DATE.DE.SORTIE	91.56	92.96	94.23
MODE.DE.SORTIE	88.44	89.94	92.01
DESTINATION	98.54	98.65	99.36
ORIENTATION	96.75	96.58	97.77
MOTIF.DE.RECOURS	100.00	100.00	100.00
CCMU	92.28	93.54	94.62
DP	80.92	82.38	81.96

[1] "=====

Warning in write.csv(b, file = paste0("../../RPU_2015/Resultats/",
finess[i], : attempt to set 'col.names' ignored

[1] ""

[1] "=====

[1] "Ane - 2016"

[1] "=====

	1	2	3
FINESS	100.00	100.00	100.00
ID	100.00	100.00	100.00
EXTRACT	100.00	100.00	100.00
CODE.POSTAL	100.00	100.00	100.00
COMMUNE	100.00	100.00	100.00
NAISSANCE	100.00	100.00	100.00
SEXE	100.00	100.00	100.00
DATE.D.ENTREE	100.00	100.00	100.00
MODE.D.ENTREE	100.00	100.00	100.00
PROVENANCE	100.00	100.00	100.00
TRANSPORT	67.66	80.89	96.59
TRANSPORT.PEC	0.00	0.00	0.00
DATE.DE.SORTIE	99.57	99.84	99.82
MODE.DE.SORTIE	16.10	58.12	98.84
DESTINATION	100.00	66.67	75.00
ORIENTATION	0.00	50.00	50.00
MOTIF.DE.RECOURS	67.52	80.89	96.59
CCMU	67.59	81.04	96.24
DP	0.00	35.20	23.87

[1] "=====

Warning in write.csv(b, file = paste0("../../RPU_2015/Resultats/",
finess[i], : attempt to set 'col.names' ignored

[1] ""

```
[1] "=====
[1] "Tan - 2016"
[1] "=====

      2      3
FINESS      100.00 100.00
ID           100.00 100.00
EXTRACT      100.00 100.00
CODE.POSTAL  100.00 100.00
COMMUNE      100.00 100.00
NAISSANCE    100.00 100.00
SEXE         100.00 100.00
DATE.D.ENTREE 100.00 100.00
MODE.D.ENTREE 100.00 100.00
PROVENANCE   0.00   0.00
TRANSPORT    100.00 100.00
TRANSPORT.PEC 100.00 100.00
DATE.DE.SORTIE 100.00 95.13
MODE.DE.SORTIE 100.00 95.24
DESTINATION  100.00 98.88
ORIENTATION   0.00   0.00
MOTIF.DE.RECOURS 85.38 83.39
CCMU          0.00   0.00
DP            37.55 32.67
[1] "=====
```

```
Warning in write.csv(b, file = paste0("../../RPU_2015/Resultats/",
finess[i], : attempt to set 'col.names' ignored
```

```
[1] ""
[1] "=====
[1] "Sel - 2016"
[1] "=====

      1      2      3
FINESS      100.00 100.00 100.00
ID           100.00 100.00 100.00
EXTRACT      100.00 100.00 100.00
CODE.POSTAL  100.00 100.00 100.00
COMMUNE      100.00 100.00 100.00
NAISSANCE    100.00 100.00 100.00
SEXE         100.00 100.00 100.00
DATE.D.ENTREE 100.00 100.00 100.00
MODE.D.ENTREE 100.00 100.00 100.00
PROVENANCE   100.00 100.00 100.00
TRANSPORT    99.89 99.83 99.84
TRANSPORT.PEC 100.00 100.00 100.00
DATE.DE.SORTIE 93.57 91.97 90.13
MODE.DE.SORTIE 100.00 100.00 100.00
DESTINATION  100.00 100.00 100.00
ORIENTATION  100.00 100.00 100.00
MOTIF.DE.RECOURS 97.99 98.97 98.03
CCMU          94.30 92.70 91.54
DP            93.86 92.08 90.85
[1] "=====
```

```
Warning in write.csv(b, file = paste0("../../RPU_2015/Resultats/"),  
finess[i], : attempt to set 'col.names' ignored
```