Rapport Etude implementation

Senegal data manager

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Resultats

##   
## Attachement du package : 'dplyr'

## Les objets suivants sont masqués depuis 'package:plyr':  
##   
## arrange, count, desc, failwith, id, mutate, rename, summarise,  
## summarize

## Les objets suivants sont masqués depuis 'package:stats':  
##   
## filter, lag

## Les objets suivants sont masqués depuis 'package:base':  
##   
## intersect, setdiff, setequal, union

##   
## Attachement du package : 'kableExtra'

## L'objet suivant est masqué depuis 'package:dplyr':  
##   
## group\_rows

## Le chargement a nécessité le package : foreign

## Le chargement a nécessité le package : survival

## Le chargement a nécessité le package : MASS

##   
## Attachement du package : 'MASS'

## L'objet suivant est masqué depuis 'package:dplyr':  
##   
## select

## Le chargement a nécessité le package : nnet

##   
## Attachement du package : 'Hmisc'

## Les objets suivants sont masqués depuis 'package:dplyr':  
##   
## src, summarize

## Les objets suivants sont masqués depuis 'package:plyr':  
##   
## is.discrete, summarize

## Les objets suivants sont masqués depuis 'package:base':  
##   
## format.pval, units

# Table 1: Patient demographic and household characteristics.

## df1$age\_m\_1   
## n missing distinct   
## 375 31 3   
##   
## Value 0-1 2-11 12-59  
## Frequency 9 110 256  
## Proportion 0.024 0.293 0.683

##   
## Original table   
## df1$age\_m\_1  
## df1$facility\_name 0-1 2-11 12-59 Total  
## SEN01 6 38 128 172  
## SEN02 3 72 128 203  
## Total 9 110 256 375  
##   
## Row percent   
## df1$age\_m\_1  
## df1$facility\_name 0-1 2-11 12-59 Total  
## SEN01 6 38 128 172  
## (3.5) (22.1) (74.4) (100)  
## SEN02 3 72 128 203  
## (1.5) (35.5) (63.1) (100)  
##   
## Column percent   
## df1$age\_m\_1  
## df1$facility\_name 0-1 % 2-11 % 12-59 %  
## SEN01 6 (66.7) 38 (34.5) 128 (50)  
## SEN02 3 (33.3) 72 (65.5) 128 (50)  
## Total 9 (100) 110 (100) 256 (100)

## df1$sex   
## n missing distinct   
## 405 1 2   
##   
## Value 0 1  
## Frequency 333 72  
## Proportion 0.822 0.178

##   
## Original table   
## df1$sex  
## df1$facility\_name 0 1 Total  
## SEN01 121 71 192  
## SEN02 212 1 213  
## Total 333 72 405  
##   
## Row percent   
## df1$sex  
## df1$facility\_name 0 1 Total  
## SEN01 121 71 192  
## (63) (37) (100)  
## SEN02 212 1 213  
## (99.5) (0.5) (100)  
##   
## Column percent   
## df1$sex  
## df1$facility\_name 0 % 1 %  
## SEN01 121 (36.3) 71 (98.6)  
## SEN02 212 (63.7) 1 (1.4)  
## Total 333 (100) 72 (100)

## df1$cg\_relationship   
## n missing distinct   
## 403 3 9   
##   
## Community member (1, 0.002), Father only (11, 0.027), Grandfather only (1,  
## 0.002), Grandmother only (27, 0.067), Mother and father (6, 0.015), Mother and  
## grandmother (4, 0.010), Mother only (339, 0.841), Other family member (9,  
## 0.022), Sibling (5, 0.012)

##   
## Original table   
## df1$cg\_relationship  
## df1$facility\_name Community member Father only Grandfather only  
## SEN01 0 3 0  
## SEN02 1 8 1  
## Total 1 11 1  
## df1$cg\_relationship  
## df1$facility\_name Grandmother only Mother and father Mother and grandmother  
## SEN01 16 0 2  
## SEN02 11 6 2  
## Total 27 6 4  
## df1$cg\_relationship  
## df1$facility\_name Mother only Other family member Sibling Total  
## SEN01 166 2 2 191  
## SEN02 173 7 3 212  
## Total 339 9 5 403  
##   
## Row percent   
## df1$cg\_relationship  
## df1$facility\_name Community member Father only Grandfather only  
## SEN01 0 3 0  
## (0) (1.6) (0)  
## SEN02 1 8 1  
## (0.5) (3.8) (0.5)  
## df1$cg\_relationship  
## df1$facility\_name Grandmother only Mother and father Mother and grandmother  
## SEN01 16 0 2  
## (8.4) (0) (1)  
## SEN02 11 6 2  
## (5.2) (2.8) (0.9)  
## df1$cg\_relationship  
## df1$facility\_name Mother only Other family member Sibling Total  
## SEN01 166 2 2 191  
## (86.9) (1) (1) (100)  
## SEN02 173 7 3 212  
## (81.6) (3.3) (1.4) (100)  
##   
## Column percent   
## df1$cg\_relationship  
## df1$facility\_name Community member % Father only %  
## SEN01 0 (0) 3 (27.3)  
## SEN02 1 (100) 8 (72.7)  
## Total 1 (100) 11 (100)  
## df1$cg\_relationship  
## df1$facility\_name Grandfather only % Grandmother only %  
## SEN01 0 (0) 16 (59.3)  
## SEN02 1 (100) 11 (40.7)  
## Total 1 (100) 27 (100)  
## df1$cg\_relationship  
## df1$facility\_name Mother and father % Mother and grandmother %  
## SEN01 0 (0) 2 (50)  
## SEN02 6 (100) 2 (50)  
## Total 6 (100) 4 (100)  
## df1$cg\_relationship  
## df1$facility\_name Mother only % Other family member % Sibling  
## SEN01 166 (49) 2 (22.2) 2  
## SEN02 173 (51) 7 (77.8) 3  
## Total 339 (100) 9 (100) 5  
## df1$cg\_relationship  
## df1$facility\_name %  
## SEN01 (40)  
## SEN02 (60)  
## Total (100)

## obs. mean median s.d. min. max.   
## 403 36.4 29 99.814 17 2023

## SEN01 SEN02   
## 33.13158 39.31455

## df1$cg\_edu\_mother   
## n missing distinct   
## 347 59 6   
##   
## Value 1 3 4 5 7 8  
## Frequency 109 73 5 3 131 26  
## Proportion 0.314 0.210 0.014 0.009 0.378 0.075

##   
## Original table   
## df1$cg\_edu\_mother  
## df1$facility\_name 1 3 4 5 7 8 Total  
## SEN01 74 28 4 1 59 0 166  
## SEN02 35 45 1 2 72 26 181  
## Total 109 73 5 3 131 26 347  
##   
## Row percent   
## df1$cg\_edu\_mother  
## df1$facility\_name 1 3 4 5 7 8 Total  
## SEN01 74 28 4 1 59 0 166  
## (44.6) (16.9) (2.4) (0.6) (35.5) (0) (100)  
## SEN02 35 45 1 2 72 26 181  
## (19.3) (24.9) (0.6) (1.1) (39.8) (14.4) (100)  
##   
## Column percent   
## df1$cg\_edu\_mother  
## df1$facility\_name 1 % 3 % 4 % 5 % 7 % 8  
## SEN01 74 (67.9) 28 (38.4) 4 (80) 1 (33.3) 59 (45) 0  
## SEN02 35 (32.1) 45 (61.6) 1 (20) 2 (66.7) 72 (55) 26  
## Total 109 (100) 73 (100) 5 (100) 3 (100) 131 (100) 26  
## df1$cg\_edu\_mother  
## df1$facility\_name %  
## SEN01 (0)  
## SEN02 (100)  
## Total (100)

## df1$household\_head   
## n missing distinct   
## 394 12 7   
##   
## Value 1 2 3 5 6 7 8  
## Frequency 4 8 14 260 22 56 30  
## Proportion 0.010 0.020 0.036 0.660 0.056 0.142 0.076

##   
## Original table   
## df1$household\_head  
## df1$facility\_name 1 2 3 5 6 7 8 Total  
## SEN01 4 2 4 177 0 1 0 188  
## SEN02 0 6 10 83 22 55 30 206  
## Total 4 8 14 260 22 56 30 394  
##   
## Row percent   
## df1$household\_head  
## df1$facility\_name 1 2 3 5 6 7 8 Total  
## SEN01 4 2 4 177 0 1 0 188  
## (2.1) (1.1) (2.1) (94.1) (0) (0.5) (0) (100)  
## SEN02 0 6 10 83 22 55 30 206  
## (0) (2.9) (4.9) (40.3) (10.7) (26.7) (14.6) (100)  
##   
## Column percent   
## df1$household\_head  
## df1$facility\_name 1 % 2 % 3 % 5 % 6 % 7  
## SEN01 4 (100) 2 (25) 4 (28.6) 177 (68.1) 0 (0) 1  
## SEN02 0 (0) 6 (75) 10 (71.4) 83 (31.9) 22 (100) 55  
## Total 4 (100) 8 (100) 14 (100) 260 (100) 22 (100) 56  
## df1$household\_head  
## df1$facility\_name % 8 %  
## SEN01 (1.8) 0 (0)  
## SEN02 (98.2) 30 (100)  
## Total (100) 30 (100)

## df1$household\_toilet   
## n missing distinct   
## 394 12 6   
##   
## Value 1 2 3 6 8 9  
## Frequency 71 157 155 4 6 1  
## Proportion 0.180 0.398 0.393 0.010 0.015 0.003

##   
## Original table   
## df1$household\_toilet  
## df1$facility\_name 1 2 3 6 8 9 Total  
## SEN01 20 2 154 4 6 1 187  
## SEN02 51 155 1 0 0 0 207  
## Total 71 157 155 4 6 1 394  
##   
## Row percent   
## df1$household\_toilet  
## df1$facility\_name 1 2 3 6 8 9 Total  
## SEN01 20 2 154 4 6 1 187  
## (10.7) (1.1) (82.4) (2.1) (3.2) (0.5) (100)  
## SEN02 51 155 1 0 0 0 207  
## (24.6) (74.9) (0.5) (0) (0) (0) (100)  
##   
## Column percent   
## df1$household\_toilet  
## df1$facility\_name 1 % 2 % 3 % 6 % 8 % 9  
## SEN01 20 (28.2) 2 (1.3) 154 (99.4) 4 (100) 6 (100) 1  
## SEN02 51 (71.8) 155 (98.7) 1 (0.6) 0 (0) 0 (0) 0  
## Total 71 (100) 157 (100) 155 (100) 4 (100) 6 (100) 1  
## df1$household\_toilet  
## df1$facility\_name %  
## SEN01 (100)  
## SEN02 (0)  
## Total (100)

## df1$household\_fuel   
## n missing distinct   
## 395 11 4   
##   
## Value 1 2 4 5  
## Frequency 192 48 12 143  
## Proportion 0.486 0.122 0.030 0.362

##   
## Original table   
## df1$household\_fuel  
## df1$facility\_name 1 2 4 5 Total  
## SEN01 133 10 9 36 188  
## SEN02 59 38 3 107 207  
## Total 192 48 12 143 395  
##   
## Row percent   
## df1$household\_fuel  
## df1$facility\_name 1 2 4 5 Total  
## SEN01 133 10 9 36 188  
## (70.7) (5.3) (4.8) (19.1) (100)  
## SEN02 59 38 3 107 207  
## (28.5) (18.4) (1.4) (51.7) (100)  
##   
## Column percent   
## df1$household\_fuel  
## df1$facility\_name 1 % 2 % 4 % 5 %  
## SEN01 133 (69.3) 10 (20.8) 9 (75) 36 (25.2)  
## SEN02 59 (30.7) 38 (79.2) 3 (25) 107 (74.8)  
## Total 192 (100) 48 (100) 12 (100) 143 (100)

## df1$household\_water\_loc   
## n missing distinct   
## 385 21 2   
##   
## Value 1 2  
## Frequency 346 39  
## Proportion 0.899 0.101

##   
## Original table   
## df1$household\_water\_loc  
## df1$facility\_name 1 2 Total  
## SEN01 155 24 179  
## SEN02 191 15 206  
## Total 346 39 385  
##   
## Row percent   
## df1$household\_water\_loc  
## df1$facility\_name 1 2 Total  
## SEN01 155 24 179  
## (86.6) (13.4) (100)  
## SEN02 191 15 206  
## (92.7) (7.3) (100)  
##   
## Column percent   
## df1$household\_water\_loc  
## df1$facility\_name 1 % 2 %  
## SEN01 155 (44.8) 24 (61.5)  
## SEN02 191 (55.2) 15 (38.5)  
## Total 346 (100) 39 (100)

## df1$household\_floor   
## n missing distinct   
## 394 12 5   
##   
## Value 2 3 4 17 19  
## Frequency 15 268 10 51 50  
## Proportion 0.038 0.680 0.025 0.129 0.127

##   
## Original table   
## df1$household\_floor  
## df1$facility\_name 2 3 4 17 19 Total  
## SEN01 15 116 10 20 26 187  
## SEN02 0 152 0 31 24 207  
## Total 15 268 10 51 50 394  
##   
## Row percent   
## df1$household\_floor  
## df1$facility\_name 2 3 4 17 19 Total  
## SEN01 15 116 10 20 26 187  
## (8) (62) (5.3) (10.7) (13.9) (100)  
## SEN02 0 152 0 31 24 207  
## (0) (73.4) (0) (15) (11.6) (100)  
##   
## Column percent   
## df1$household\_floor  
## df1$facility\_name 2 % 3 % 4 % 17 % 19 %  
## SEN01 15 (100) 116 (43.3) 10 (100) 20 (39.2) 26 (52)  
## SEN02 0 (0) 152 (56.7) 0 (0) 31 (60.8) 24 (48)  
## Total 15 (100) 268 (100) 10 (100) 51 (100) 50 (100)

# Table 2: Patient clinical and care seeking characteristics

## df1$facility\_choice\_reason\_\_\_2   
## n missing distinct   
## 406 0 2   
##   
## Value 0 1  
## Frequency 405 1  
## Proportion 0.998 0.002

##   
## Original table   
## df1$facility\_choice\_reason\_\_\_2  
## df1$facility\_name 0 1 Total  
## SEN01 192 1 193  
## SEN02 213 0 213  
## Total 405 1 406  
##   
## Row percent   
## df1$facility\_choice\_reason\_\_\_2  
## df1$facility\_name 0 1 Total  
## SEN01 192 1 193  
## (99.5) (0.5) (100)  
## SEN02 213 0 213  
## (100) (0) (100)  
##   
## Column percent   
## df1$facility\_choice\_reason\_\_\_2  
## df1$facility\_name 0 % 1 %  
## SEN01 192 (47.4) 1 (100)  
## SEN02 213 (52.6) 0 (0)  
## Total 405 (100) 1 (100)

## df1$facility\_choice\_reason\_\_\_3   
## n missing distinct   
## 406 0 2   
##   
## Value 0 1  
## Frequency 376 30  
## Proportion 0.926 0.074

##   
## Original table   
## df1$facility\_choice\_reason\_\_\_3  
## df1$facility\_name 0 1 Total  
## SEN01 193 0 193  
## SEN02 183 30 213  
## Total 376 30 406  
##   
## Row percent   
## df1$facility\_choice\_reason\_\_\_3  
## df1$facility\_name 0 1 Total  
## SEN01 193 0 193  
## (100) (0) (100)  
## SEN02 183 30 213  
## (85.9) (14.1) (100)  
##   
## Column percent   
## df1$facility\_choice\_reason\_\_\_3  
## df1$facility\_name 0 % 1 %  
## SEN01 193 (51.3) 0 (0)  
## SEN02 183 (48.7) 30 (100)  
## Total 376 (100) 30 (100)

## df1$facility\_choice\_reason\_\_\_4   
## n missing distinct   
## 406 0 2   
##   
## Value 0 1  
## Frequency 403 3  
## Proportion 0.993 0.007

##   
## Original table   
## df1$facility\_choice\_reason\_\_\_4  
## df1$facility\_name 0 1 Total  
## SEN01 192 1 193  
## SEN02 211 2 213  
## Total 403 3 406  
##   
## Row percent   
## df1$facility\_choice\_reason\_\_\_4  
## df1$facility\_name 0 1 Total  
## SEN01 192 1 193  
## (99.5) (0.5) (100)  
## SEN02 211 2 213  
## (99.1) (0.9) (100)  
##   
## Column percent   
## df1$facility\_choice\_reason\_\_\_4  
## df1$facility\_name 0 % 1 %  
## SEN01 192 (47.6) 1 (33.3)  
## SEN02 211 (52.4) 2 (66.7)  
## Total 403 (100) 3 (100)

## df1$facility\_choice\_reason\_\_\_5   
## n missing distinct   
## 406 0 2   
##   
## Value 0 1  
## Frequency 405 1  
## Proportion 0.998 0.002

##   
## Original table   
## df1$facility\_choice\_reason\_\_\_5  
## df1$facility\_name 0 1 Total  
## SEN01 192 1 193  
## SEN02 213 0 213  
## Total 405 1 406  
##   
## Row percent   
## df1$facility\_choice\_reason\_\_\_5  
## df1$facility\_name 0 1 Total  
## SEN01 192 1 193  
## (99.5) (0.5) (100)  
## SEN02 213 0 213  
## (100) (0) (100)  
##   
## Column percent   
## df1$facility\_choice\_reason\_\_\_5  
## df1$facility\_name 0 % 1 %  
## SEN01 192 (47.4) 1 (100)  
## SEN02 213 (52.6) 0 (0)  
## Total 405 (100) 1 (100)

## df1$facility\_choice\_reason\_\_\_8   
## n missing distinct   
## 406 0 2   
##   
## Value 0 1  
## Frequency 405 1  
## Proportion 0.998 0.002

##   
## Original table   
## df1$facility\_choice\_reason\_\_\_8  
## df1$facility\_name 0 1 Total  
## SEN01 193 0 193  
## SEN02 212 1 213  
## Total 405 1 406  
##   
## Row percent   
## df1$facility\_choice\_reason\_\_\_8  
## df1$facility\_name 0 1 Total  
## SEN01 193 0 193  
## (100) (0) (100)  
## SEN02 212 1 213  
## (99.5) (0.5) (100)  
##   
## Column percent   
## df1$facility\_choice\_reason\_\_\_8  
## df1$facility\_name 0 % 1 %  
## SEN01 193 (47.7) 0 (0)  
## SEN02 212 (52.3) 1 (100)  
## Total 405 (100) 1 (100)

## df1$travel\_mode\_\_\_1   
## n missing distinct   
## 406 0 2   
##   
## Value 0 1  
## Frequency 155 251  
## Proportion 0.382 0.618

##   
## Original table   
## df1$travel\_mode\_\_\_1  
## df1$facility\_name 0 1 Total  
## SEN01 58 135 193  
## SEN02 97 116 213  
## Total 155 251 406  
##   
## Row percent   
## df1$travel\_mode\_\_\_1  
## df1$facility\_name 0 1 Total  
## SEN01 58 135 193  
## (30.1) (69.9) (100)  
## SEN02 97 116 213  
## (45.5) (54.5) (100)  
##   
## Column percent   
## df1$travel\_mode\_\_\_1  
## df1$facility\_name 0 % 1 %  
## SEN01 58 (37.4) 135 (53.8)  
## SEN02 97 (62.6) 116 (46.2)  
## Total 155 (100) 251 (100)

## df1$travel\_mode\_\_\_2   
## n missing distinct value   
## 406 0 1 0   
##   
## Value 0  
## Frequency 406  
## Proportion 1

## df1$travel\_mode\_\_\_3   
## n missing distinct   
## 406 0 2   
##   
## Value 0 1  
## Frequency 404 2  
## Proportion 0.995 0.005

##   
## Original table   
## df1$travel\_mode\_\_\_3  
## df1$facility\_name 0 1 Total  
## SEN01 191 2 193  
## SEN02 213 0 213  
## Total 404 2 406  
##   
## Row percent   
## df1$travel\_mode\_\_\_3  
## df1$facility\_name 0 1 Total  
## SEN01 191 2 193  
## (99) (1) (100)  
## SEN02 213 0 213  
## (100) (0) (100)  
##   
## Column percent   
## df1$travel\_mode\_\_\_3  
## df1$facility\_name 0 % 1 %  
## SEN01 191 (47.3) 2 (100)  
## SEN02 213 (52.7) 0 (0)  
## Total 404 (100) 2 (100)

## df1$travel\_mode\_\_\_4   
## n missing distinct value   
## 406 0 1 0   
##   
## Value 0  
## Frequency 406  
## Proportion 1

## df1$travel\_mode\_\_\_5   
## n missing distinct value   
## 406 0 1 0   
##   
## Value 0  
## Frequency 406  
## Proportion 1

## df1$travel\_mode\_\_\_6   
## n missing distinct   
## 406 0 2   
##   
## Value 0 1  
## Frequency 321 85  
## Proportion 0.791 0.209

##   
## Original table   
## df1$travel\_mode\_\_\_6  
## df1$facility\_name 0 1 Total  
## SEN01 192 1 193  
## SEN02 129 84 213  
## Total 321 85 406  
##   
## Row percent   
## df1$travel\_mode\_\_\_6  
## df1$facility\_name 0 1 Total  
## SEN01 192 1 193  
## (99.5) (0.5) (100)  
## SEN02 129 84 213  
## (60.6) (39.4) (100)  
##   
## Column percent   
## df1$travel\_mode\_\_\_6  
## df1$facility\_name 0 % 1 %  
## SEN01 192 (59.8) 1 (1.2)  
## SEN02 129 (40.2) 84 (98.8)  
## Total 321 (100) 85 (100)

## df1$travel\_mode\_\_\_7   
## n missing distinct   
## 406 0 2   
##   
## Value 0 1  
## Frequency 402 4  
## Proportion 0.99 0.01

##   
## Original table   
## df1$travel\_mode\_\_\_7  
## df1$facility\_name 0 1 Total  
## SEN01 191 2 193  
## SEN02 211 2 213  
## Total 402 4 406  
##   
## Row percent   
## df1$travel\_mode\_\_\_7  
## df1$facility\_name 0 1 Total  
## SEN01 191 2 193  
## (99) (1) (100)  
## SEN02 211 2 213  
## (99.1) (0.9) (100)  
##   
## Column percent   
## df1$travel\_mode\_\_\_7  
## df1$facility\_name 0 % 1 %  
## SEN01 191 (47.5) 2 (50)  
## SEN02 211 (52.5) 2 (50)  
## Total 402 (100) 4 (100)

## df1$travel\_mode\_\_\_8   
## n missing distinct   
## 406 0 2   
##   
## Value 0 1  
## Frequency 392 14  
## Proportion 0.966 0.034

##   
## Original table   
## df1$travel\_mode\_\_\_8  
## df1$facility\_name 0 1 Total  
## SEN01 184 9 193  
## SEN02 208 5 213  
## Total 392 14 406  
##   
## Row percent   
## df1$travel\_mode\_\_\_8  
## df1$facility\_name 0 1 Total  
## SEN01 184 9 193  
## (95.3) (4.7) (100)  
## SEN02 208 5 213  
## (97.7) (2.3) (100)  
##   
## Column percent   
## df1$travel\_mode\_\_\_8  
## df1$facility\_name 0 % 1 %  
## SEN01 184 (46.9) 9 (64.3)  
## SEN02 208 (53.1) 5 (35.7)  
## Total 392 (100) 14 (100)

## df1$travel\_mode\_\_\_11   
## n missing distinct   
## 406 0 2   
##   
## Value 0 1  
## Frequency 386 20  
## Proportion 0.951 0.049

##   
## Original table   
## df1$travel\_mode\_\_\_11  
## df1$facility\_name 0 1 Total  
## SEN01 173 20 193  
## SEN02 213 0 213  
## Total 386 20 406  
##   
## Row percent   
## df1$travel\_mode\_\_\_11  
## df1$facility\_name 0 1 Total  
## SEN01 173 20 193  
## (89.6) (10.4) (100)  
## SEN02 213 0 213  
## (100) (0) (100)  
##   
## Column percent   
## df1$travel\_mode\_\_\_11  
## df1$facility\_name 0 % 1 %  
## SEN01 173 (44.8) 20 (100)  
## SEN02 213 (55.2) 0 (0)  
## Total 386 (100) 20 (100)

## df1$travel\_time   
## n missing distinct   
## 361 45 3   
##   
## Value 1 2 3  
## Frequency 280 74 7  
## Proportion 0.776 0.205 0.019

##   
## Original table   
## df1$travel\_time  
## df1$facility\_name 1 2 3 Total  
## SEN01 139 30 7 176  
## SEN02 141 44 0 185  
## Total 280 74 7 361  
##   
## Row percent   
## df1$travel\_time  
## df1$facility\_name 1 2 3 Total  
## SEN01 139 30 7 176  
## (79) (17) (4) (100)  
## SEN02 141 44 0 185  
## (76.2) (23.8) (0) (100)  
##   
## Column percent   
## df1$travel\_time  
## df1$facility\_name 1 % 2 % 3 %  
## SEN01 139 (49.6) 30 (40.5) 7 (100)  
## SEN02 141 (50.4) 44 (59.5) 0 (0)  
## Total 280 (100) 74 (100) 7 (100)

## df1$travel\_cost   
## n missing distinct   
## 141 265 4   
##   
## Value 1 2 3 4  
## Frequency 57 39 43 2  
## Proportion 0.404 0.277 0.305 0.014

##   
## Original table   
## df1$travel\_cost  
## df1$facility\_name 1 2 3 4 Total  
## SEN01 6 18 27 2 53  
## SEN02 51 21 16 0 88  
## Total 57 39 43 2 141  
##   
## Row percent   
## df1$travel\_cost  
## df1$facility\_name 1 2 3 4 Total  
## SEN01 6 18 27 2 53  
## (11.3) (34) (50.9) (3.8) (100)  
## SEN02 51 21 16 0 88  
## (58) (23.9) (18.2) (0) (100)  
##   
## Column percent   
## df1$travel\_cost  
## df1$facility\_name 1 % 2 % 3 % 4 %  
## SEN01 6 (10.5) 18 (46.2) 27 (62.8) 2 (100)  
## SEN02 51 (89.5) 21 (53.8) 16 (37.2) 0 (0)  
## Total 57 (100) 39 (100) 43 (100) 2 (100)

# Table 3: Use of PO device across facilities.

## df1$used\_po\_yn   
## n missing distinct value   
## 406 0 1 1   
##   
## Value 1  
## Frequency 406  
## Proportion 1

## df1$correct\_use\_yn   
## n missing distinct   
## 406 0 3   
##   
## Value 0 1 2  
## Frequency 1 392 13  
## Proportion 0.002 0.966 0.032

##   
## Original table   
## df1$correct\_use\_yn  
## df1$facility\_name 0 1 2 Total  
## SEN01 0 185 8 193  
## SEN02 1 207 5 213  
## Total 1 392 13 406  
##   
## Row percent   
## df1$correct\_use\_yn  
## df1$facility\_name 0 1 2 Total  
## SEN01 0 185 8 193  
## (0) (95.9) (4.1) (100)  
## SEN02 1 207 5 213  
## (0.5) (97.2) (2.3) (100)  
##   
## Column percent   
## df1$correct\_use\_yn  
## df1$facility\_name 0 % 1 % 2 %  
## SEN01 0 (0) 185 (47.2) 8 (61.5)  
## SEN02 1 (100) 207 (52.8) 5 (38.5)  
## Total 1 (100) 392 (100) 13 (100)

## obs. mean median s.d. min. max.   
## 405 5.849 3 8.159 0 53

## df1$duration\_po\_1   
## n missing distinct   
## 405 1 6   
##   
## Value Moins une min 1 à 3 m 4-5m 6-10m  
## Frequency 18 219 39 68  
## Proportion 0.044 0.541 0.096 0.168  
##   
## Value 11-30 31-60  
## Frequency 50 11  
## Proportion 0.123 0.027

##   
## Original table   
## df1$duration\_po\_1  
## df1$facility\_name Moins une min 1 à 3 m 4-5m 6-10m 11-30 31-60 Total  
## SEN01 14 126 16 31 5 0 192  
## SEN02 4 93 23 37 45 11 213  
## Total 18 219 39 68 50 11 405  
##   
## Row percent   
## df1$duration\_po\_1  
## df1$facility\_name Moins une min 1 à 3 m 4-5m 6-10m 11-30 31-60 Total  
## SEN01 14 126 16 31 5 0 192  
## (7.3) (65.6) (8.3) (16.1) (2.6) (0) (100)  
## SEN02 4 93 23 37 45 11 213  
## (1.9) (43.7) (10.8) (17.4) (21.1) (5.2) (100)  
##   
## Column percent   
## df1$duration\_po\_1  
## df1$facility\_name Moins une min % 1 à 3 m % 4-5m % 6-10m  
## SEN01 14 (77.8) 126 (57.5) 16 (41) 31  
## SEN02 4 (22.2) 93 (42.5) 23 (59) 37  
## Total 18 (100) 219 (100) 39 (100) 68  
## df1$duration\_po\_1  
## df1$facility\_name % 11-30 % 31-60 %  
## SEN01 (45.6) 5 (10) 0 (0)  
## SEN02 (54.4) 45 (90) 11 (100)  
## Total (100) 50 (100) 11 (100)

## obs. mean median s.d. min. max.   
## 405 15.951 16 77.54 -927 828

## df1$consultation\_duration\_1   
## n missing distinct   
## 402 4 6   
##   
## Value 2 min 3-5m 6-10m 11-30 31-60 Plus 60  
## Frequency 2 19 98 229 49 5  
## Proportion 0.005 0.047 0.244 0.570 0.122 0.012

##   
## Original table   
## df1$consultation\_duration\_1  
## df1$facility\_name 2 min 3-5m 6-10m 11-30 31-60 Plus 60 Total  
## SEN01 2 19 87 82 0 0 190  
## SEN02 0 0 11 147 49 5 212  
## Total 2 19 98 229 49 5 402  
##   
## Row percent   
## df1$consultation\_duration\_1  
## df1$facility\_name 2 min 3-5m 6-10m 11-30 31-60 Plus 60 Total  
## SEN01 2 19 87 82 0 0 190  
## (1.1) (10) (45.8) (43.2) (0) (0) (100)  
## SEN02 0 0 11 147 49 5 212  
## (0) (0) (5.2) (69.3) (23.1) (2.4) (100)  
##   
## Column percent   
## df1$consultation\_duration\_1  
## df1$facility\_name 2 min % 3-5m % 6-10m % 11-30 %  
## SEN01 2 (100) 19 (100) 87 (88.8) 82 (35.8)  
## SEN02 0 (0) 0 (0) 11 (11.2) 147 (64.2)  
## Total 2 (100) 19 (100) 98 (100) 229 (100)  
## df1$consultation\_duration\_1  
## df1$facility\_name 31-60 % Plus 60 %  
## SEN01 0 (0) 0 (0)  
## SEN02 49 (100) 5 (100)  
## Total 49 (100) 5 (100)

## df1$correct\_use\_measurements   
## n missing distinct   
## 406 0 3   
##   
## Value 0 1 3  
## Frequency 393 6 7  
## Proportion 0.968 0.015 0.017

##   
## Original table   
## df1$correct\_use\_measurements  
## df1$facility\_name 0 1 3 Total  
## SEN01 185 4 4 193  
## SEN02 208 2 3 213  
## Total 393 6 7 406  
##   
## Row percent   
## df1$correct\_use\_measurements  
## df1$facility\_name 0 1 3 Total  
## SEN01 185 4 4 193  
## (95.9) (2.1) (2.1) (100)  
## SEN02 208 2 3 213  
## (97.7) (0.9) (1.4) (100)  
##   
## Column percent   
## df1$correct\_use\_measurements  
## df1$facility\_name 0 % 1 % 3 %  
## SEN01 185 (47.1) 4 (66.7) 4 (57.1)  
## SEN02 208 (52.9) 2 (33.3) 3 (42.9)  
## Total 393 (100) 6 (100) 7 (100)

# Table 4: Clinical outcomes following implementation of PO device