Petru\_Glavan

Oleg Arnaut

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# Dataset formation

#?read\_excel  
  
# open excel skipping the first row  
df <- read\_excel("Baza de date.xlsx", skip = 1)  
  
  
  
# all characters in factors  
df <- df%>%mutate\_if(is.character, as.factor)  
  
# convert data in data format and generate a variable the difference between them in days  
df$`Data examinării` <-as.Date(df$`Data examinării`, format = "%Y-%m-%d")  
df$`Data agresării` <-as.Date(df$`Data agresării`, format = "%Y-%m-%d")  
df$Postagresiune <-as.numeric(difftime(df$`Data examinării`, df$`Data agresării`, units = "days"))  
  
# convert only in time  
df$`Ora agresării` <- as\_hms(df$`Ora agresării`)  
  
df$`Ora agresării` <- hour(df$`Ora agresării`)  
  
# remove duplicates and days  
df %>% select(!c("Chestionar", "Nr. raportului", `Data agresării`, `Data examinării`)) %>% remove\_constant(na.rm = FALSE, quiet = TRUE) -> df   
  
  
#df$Severitatea <- factor(df$Severitatea, levels = c("Neînsemnat", "Ușor", "Grav-mediu"))  
  
  
  
#levels(df$Severitatea)  
  
  
#df$Postagresiune

# Characteristica generala

#names(df)  
  
df %>% tbl\_summary(  
 statistic = list(all\_categorical() ~ "{n} ({p}%)",  
 all\_continuous() ~ "{mean} ({sd})\n {median} ({IQR})\n {min} {max} "),  
 digits = list(all\_categorical() ~ c(0, 1),  
 all\_continuous() ~ c(1, 1))) %>%  
 modify\_header(label = "\*\*Variable\*\*") %>%  
 modify\_caption("Participant characteristics") %>%  
 bold\_labels() %>% add\_ci()

## Table printed with {flextable}, not {gt}. Learn why at  
## https://www.danieldsjoberg.com/gtsummary/articles/rmarkdown.html  
## To suppress this message, include `message = FALSE` in the code chunk header.

Participant characteristics

| **Variable** | **N = 400**1 | **95% CI**2 |
| --- | --- | --- |
| **Tipul raportului** |  |  |
| constatare medico-legală | 263 (65.8%) | 61%, 70% |
| expertiză extrajudiciară | 54 (13.5%) | 10%, 17% |
| expertiză judiciară | 83 (20.8%) | 17%, 25% |
| **Sexul persoanei** |  |  |
| Feminin | 355 (88.8%) | 85%, 92% |
| Masculin | 45 (11.3%) | 8.4%, 15% |
| **Vârsta** | 39.8 (12.7) 37.0 (16.3) 18.0 83.0 | 39, 41 |
| **Mediul de reședință** |  |  |
| Rural | 195 (48.8%) | 44%, 54% |
| Urban | 205 (51.3%) | 46%, 56% |
| **Ora agresării** | 15.3 (7.0) 18.0 (9.0) 0.0 23.0 | 15, 16 |
| **Gravidă** |  |  |
| False | 397 (99.3%) | 98%, 100% |
| True | 3 (0.8%) | 0.19%, 2.4% |
| **Persoană cu copii** |  |  |
| False | 398 (99.5%) | 98%, 100% |
| True | 2 (0.5%) | 0.09%, 2.0% |
| **Persoană în vârstă** |  |  |
| False | 380 (95.0%) | 92%, 97% |
| True | 20 (5.0%) | 3.2%, 7.7% |
| **Dizabilități** |  |  |
| False | 391 (97.8%) | 96%, 99% |
| True | 9 (2.3%) | 1.1%, 4.4% |
| **Familie cultural mixtă** |  |  |
| False | 398 (99.5%) | 98%, 100% |
| True | 2 (0.5%) | 0.09%, 2.0% |
| **Abuz alcool** |  |  |
| False | 395 (98.8%) | 97%, 100% |
| True | 5 (1.3%) | 0.46%, 3.1% |
| **Neprecizat** |  |  |
| False | 45 (11.3%) | 8.4%, 15% |
| True | 355 (88.8%) | 85%, 92% |
| **Nu se atestă** |  |  |
| False | 395 (98.8%) | 97%, 100% |
| True | 5 (1.3%) | 0.46%, 3.1% |
| **Soț/Soție** |  |  |
| False | 187 (46.8%) | 42%, 52% |
| True | 213 (53.3%) | 48%, 58% |
| **Concubin(ă)** |  |  |
| False | 320 (80.0%) | 76%, 84% |
| True | 80 (20.0%) | 16%, 24% |
| **Frate/Soră** |  |  |
| False | 384 (96.0%) | 93%, 98% |
| True | 16 (4.0%) | 2.4%, 6.5% |
| **Tată** |  |  |
| False | 383 (95.8%) | 93%, 97% |
| True | 17 (4.3%) | 2.6%, 6.9% |
| **Mamă** |  |  |
| False | 396 (99.0%) | 97%, 100% |
| True | 4 (1.0%) | 0.32%, 2.7% |
| **Bunic(ă)** |  |  |
| False | 399 (99.8%) | 98%, 100% |
| True | 1 (0.3%) | 0.01%, 1.6% |
| **Fiu/Fiică** |  |  |
| False | 362 (90.5%) | 87%, 93% |
| True | 38 (9.5%) | 6.9%, 13% |
| **Altă rudă** |  |  |
| False | 387 (96.8%) | 94%, 98% |
| True | 13 (3.3%) | 1.8%, 5.6% |
| **Foști soți/concubini** |  |  |
| False | 375 (93.8%) | 91%, 96% |
| True | 25 (6.3%) | 4.2%, 9.2% |
| **Statut social** |  |  |
| Angajat(ă) | 245 (61.3%) | 56%, 66% |
| Neangajat(ă) | 110 (27.5%) | 23%, 32% |
| Pensionar(ă) | 43 (10.8%) | 8.0%, 14% |
| Student(ă) | 2 (0.5%) | 0.09%, 2.0% |
| **Luna agresării** |  |  |
| Aprilie | 29 (7.3%) | 5.0%, 10% |
| August | 32 (8.0%) | 5.6%, 11% |
| Decembrie | 26 (6.5%) | 4.4%, 9.5% |
| Februarie | 42 (10.5%) | 7.8%, 14% |
| Ianuarie | 36 (9.0%) | 6.5%, 12% |
| Iulie | 43 (10.8%) | 8.0%, 14% |
| Iunie | 42 (10.5%) | 7.8%, 14% |
| Mai | 32 (8.0%) | 5.6%, 11% |
| Martie | 32 (8.0%) | 5.6%, 11% |
| Noiembrie | 28 (7.0%) | 4.8%, 10% |
| Octombrie | 31 (7.8%) | 5.4%, 11% |
| Septembrie | 27 (6.8%) | 4.6%, 9.8% |
| **Ziua agresării** |  |  |
| Duminică | 81 (20.3%) | 16%, 25% |
| Joi | 49 (12.3%) | 9.3%, 16% |
| Luni | 51 (12.8%) | 9.7%, 17% |
| Marți | 65 (16.3%) | 13%, 20% |
| Miercuri | 46 (11.5%) | 8.6%, 15% |
| Sâmbătă | 66 (16.5%) | 13%, 21% |
| Vineri | 42 (10.5%) | 7.8%, 14% |
| **Locul agresării** |  |  |
| cafenea | 1 (0.3%) | 0.01%, 1.6% |
| domiciliu | 353 (88.3%) | 85%, 91% |
| garaj | 1 (0.3%) | 0.01%, 1.6% |
| instituție de învățământ | 1 (0.3%) | 0.01%, 1.6% |
| local | 1 (0.3%) | 0.01%, 1.6% |
| mașină | 5 (1.3%) | 0.46%, 3.1% |
| ospeție | 13 (3.3%) | 1.8%, 5.6% |
| parc | 2 (0.5%) | 0.09%, 2.0% |
| scara blocului | 5 (1.3%) | 0.46%, 3.1% |
| stradă | 18 (4.5%) | 2.8%, 7.2% |
| **Adresare asistență medicală** |  |  |
| Da | 86 (21.5%) | 18%, 26% |
| Nu | 291 (72.8%) | 68%, 77% |
| Nu este specificat | 23 (5.8%) | 3.8%, 8.6% |
| **Spitalizare** |  |  |
| Da | 5 (1.3%) | 0.46%, 3.1% |
| Nu | 372 (93.0%) | 90%, 95% |
| Nu este specificat | 23 (5.8%) | 3.8%, 8.6% |
| **Violență cronică** |  |  |
| Da | 29 (7.3%) | 5.0%, 10% |
| Nu | 8 (2.0%) | 0.93%, 4.1% |
| Nu este specificat | 363 (90.8%) | 87%, 93% |
| **Lovire** |  |  |
| False | 37 (9.3%) | 6.7%, 13% |
| True | 363 (90.8%) | 87%, 93% |
| **Împingere** |  |  |
| False | 277 (69.3%) | 64%, 74% |
| True | 123 (30.8%) | 26%, 36% |
| **Tragere de păr** |  |  |
| False | 309 (77.3%) | 73%, 81% |
| True | 91 (22.8%) | 19%, 27% |
| **Sugrumare** |  |  |
| False | 320 (80.0%) | 76%, 84% |
| True | 80 (20.0%) | 16%, 24% |
| **Strangulare** |  |  |
| False | 397 (99.3%) | 98%, 100% |
| True | 3 (0.8%) | 0.19%, 2.4% |
| **Sufocare** |  |  |
| False | 399 (99.8%) | 98%, 100% |
| True | 1 (0.3%) | 0.01%, 1.6% |
| **Tăiere/înțepare** |  |  |
| False | 379 (94.8%) | 92%, 97% |
| True | 21 (5.3%) | 3.4%, 8.0% |
| **Acțiune agent termic** |  |  |
| False | 398 (99.5%) | 98%, 100% |
| True | 2 (0.5%) | 0.09%, 2.0% |
| **Alt tip** |  |  |
| apucare brutală | 118 (29.5%) | 25%, 34% |
| apucare brutală, mușcare | 3 (0.8%) | 0.19%, 2.4% |
| apucare brutală, mușcareă | 2 (0.5%) | 0.09%, 2.0% |
| apucare brutală, zgârâiere | 3 (0.8%) | 0.19%, 2.4% |
| apucată de față | 2 (0.5%) | 0.09%, 2.0% |
| mușcare | 9 (2.3%) | 1.1%, 4.4% |
| mușcare, zgârâiere | 1 (0.3%) | 0.01%, 1.6% |
| n/a | 254 (63.5%) | 59%, 68% |
| tragere de ureche | 1 (0.3%) | 0.01%, 1.6% |
| zgârâiere | 7 (1.8%) | 0.77%, 3.7% |
| **Corp contondent** |  |  |
| False | 8 (2.0%) | 0.93%, 4.1% |
| True | 392 (98.0%) | 96%, 99% |
| **Obiect ascuțit** |  |  |
| False | 375 (93.8%) | 91%, 96% |
| True | 25 (6.3%) | 4.2%, 9.2% |
| **Factor fizic** |  |  |
| False | 398 (99.5%) | 98%, 100% |
| True | 2 (0.5%) | 0.09%, 2.0% |
| **Corpul contondent** |  |  |
| combinat | 74 (18.5%) | 15%, 23% |
| n/a | 7 (1.8%) | 0.77%, 3.7% |
| obiect contondent | 27 (6.8%) | 4.6%, 9.8% |
| părți ale corpului | 292 (73.0%) | 68%, 77% |
| **Obiectul ascuțit** |  |  |
| despicător | 1 (0.3%) | 0.01%, 1.6% |
| înțepător | 1 (0.3%) | 0.01%, 1.6% |
| înțepător-tăietor | 4 (1.0%) | 0.32%, 2.7% |
| n/a | 375 (93.8%) | 91%, 96% |
| tăietor | 19 (4.8%) | 3.0%, 7.4% |
| **Factorul fizic** |  |  |
| agent termic | 3 (0.8%) | 0.19%, 2.4% |
| n/a | 397 (99.3%) | 98%, 100% |
| **Edem posttraumatic** |  |  |
| False | 337 (84.3%) | 80%, 88% |
| True | 63 (15.8%) | 12%, 20% |
| **Echimoză** |  |  |
| False | 55 (13.8%) | 11%, 18% |
| True | 345 (86.3%) | 82%, 89% |
| **Hematom** |  |  |
| False | 397 (99.3%) | 98%, 100% |
| True | 3 (0.8%) | 0.19%, 2.4% |
| **Excoriație** |  |  |
| False | 218 (54.5%) | 49%, 59% |
| True | 182 (45.5%) | 41%, 51% |
| **Plagă contuză** |  |  |
| False | 372 (93.0%) | 90%, 95% |
| True | 28 (7.0%) | 4.8%, 10% |
| **Fractură** |  |  |
| False | 385 (96.3%) | 94%, 98% |
| True | 15 (3.8%) | 2.2%, 6.2% |
| **Leziuni viscerale** |  |  |
| False | 399 (99.8%) | 98%, 100% |
| True | 1 (0.3%) | 0.01%, 1.6% |
| **Plagă tăiată** |  |  |
| False | 386 (96.5%) | 94%, 98% |
| True | 14 (3.5%) | 2.0%, 5.9% |
| **Plagă înțepată** |  |  |
| False | 399 (99.8%) | 98%, 100% |
| True | 1 (0.3%) | 0.01%, 1.6% |
| **Plagă înțepat-tăiată** |  |  |
| False | 397 (99.3%) | 98%, 100% |
| True | 3 (0.8%) | 0.19%, 2.4% |
| **Leziuni oculare** |  |  |
| False | 388 (97.0%) | 95%, 98% |
| True | 12 (3.0%) | 1.6%, 5.3% |
| **Leziuni dentare** |  |  |
| False | 398 (99.5%) | 98%, 100% |
| True | 2 (0.5%) | 0.09%, 2.0% |
| **Arsuri termice** |  |  |
| False | 398 (99.5%) | 98%, 100% |
| True | 2 (0.5%) | 0.09%, 2.0% |
| **Altă leziune** |  |  |
| alopecie postraumatică | 3 (0.8%) | 0.19%, 2.4% |
| alopecie postraumatică, onicoliză | 1 (0.3%) | 0.01%, 1.6% |
| comoție cerebrală | 8 (2.0%) | 0.93%, 4.1% |
| contuzie cerebrală | 1 (0.3%) | 0.01%, 1.6% |
| n/a | 387 (96.8%) | 94%, 98% |
| **Partea piloasă cap** |  |  |
| False | 347 (86.8%) | 83%, 90% |
| True | 53 (13.3%) | 10%, 17% |
| **Față** |  |  |
| False | 168 (42.0%) | 37%, 47% |
| True | 232 (58.0%) | 53%, 63% |
| **Pavilionul auricular** |  |  |
| False | 385 (96.3%) | 94%, 98% |
| True | 15 (3.8%) | 2.2%, 6.2% |
| **Gât** |  |  |
| False | 347 (86.8%) | 83%, 90% |
| True | 53 (13.3%) | 10%, 17% |
| **Torace anterior** |  |  |
| False | 345 (86.3%) | 82%, 89% |
| True | 55 (13.8%) | 11%, 18% |
| **Torace posterior** |  |  |
| False | 365 (91.3%) | 88%, 94% |
| True | 35 (8.8%) | 6.3%, 12% |
| **Abdomen** |  |  |
| False | 385 (96.3%) | 94%, 98% |
| True | 15 (3.8%) | 2.2%, 6.2% |
| **Regiunea lombară** |  |  |
| False | 383 (95.8%) | 93%, 97% |
| True | 17 (4.3%) | 2.6%, 6.9% |
| **Braț** |  |  |
| False | 228 (57.0%) | 52%, 62% |
| True | 172 (43.0%) | 38%, 48% |
| **Antebraț** |  |  |
| False | 278 (69.5%) | 65%, 74% |
| True | 122 (30.5%) | 26%, 35% |
| **Mâna propriu-zisă** |  |  |
| False | 324 (81.0%) | 77%, 85% |
| True | 76 (19.0%) | 15%, 23% |
| **Regiunea inghinală** |  |  |
| False | 398 (99.5%) | 98%, 100% |
| True | 2 (0.5%) | 0.09%, 2.0% |
| **Perineu** |  |  |
| False | 399 (99.8%) | 98%, 100% |
| True | 1 (0.3%) | 0.01%, 1.6% |
| **Fesă** |  |  |
| False | 385 (96.3%) | 94%, 98% |
| True | 15 (3.8%) | 2.2%, 6.2% |
| **Coapsă** |  |  |
| False | 295 (73.8%) | 69%, 78% |
| True | 105 (26.3%) | 22%, 31% |
| **Gambă** |  |  |
| False | 324 (81.0%) | 77%, 85% |
| True | 76 (19.0%) | 15%, 23% |
| **Laba piciorului** |  |  |
| False | 392 (98.0%) | 96%, 99% |
| True | 8 (2.0%) | 0.93%, 4.1% |
| **Numărul leziunilor** | 5.9 (6.0) 4.0 (5.3) 1.0 42.0 | 5.4, 6.5 |
| **Leziuni pattern** |  |  |
| Da | 23 (5.8%) | 3.8%, 8.6% |
| Nu | 377 (94.3%) | 91%, 96% |
| **Simetria leziunilor** |  |  |
| Bipolare | 44 (11.0%) | 8.2%, 15% |
| Multipolare | 242 (60.5%) | 56%, 65% |
| Unipolare | 114 (28.5%) | 24%, 33% |
| **Vechimea diferită leziuni** |  |  |
| Da | 23 (5.8%) | 3.8%, 8.6% |
| Nu | 377 (94.3%) | 91%, 96% |
| **Severitatea** |  |  |
| Grav-Mediu | 7 (1.8%) | 0.77%, 3.7% |
| Neînsemnat | 329 (82.3%) | 78%, 86% |
| Ușor | 64 (16.0%) | 13%, 20% |
| **Postagresiune** | 2.5 (2.6) 2.0 (2.0) 0.0 19.0 | 2.3, 2.8 |
| 1n (%); Mean (SD)  Median (IQR)  Minimum Maximum | | |
| 2CI = Confidence Interval | | |

# Evaluarea comparativa pentru loturile dupa severitatea leziunilor

df %>%  
 #select("Mediul de reședință", "Severitatea")%>%  
 mutate(Severitatea = factor(Severitatea, levels = c("Neînsemnat", "Ușor", "Grav-Mediu"))) %>%  
 tbl\_summary(  
 by = "Severitatea",  
 statistic = list(  
 all\_categorical() ~ "{n} ({p}%)",  
 all\_continuous() ~ "{mean} ({sd})\n {median} ({IQR})\n {min} {max} "  
 ),  
 digits = list(  
 all\_categorical() ~ c(0, 1),  
 all\_continuous() ~ c(1, 1)  
 )  
 ) %>%  
 modify\_header(label = "\*\*Variable\*\*") %>%  
 modify\_caption("Participant characteristics") %>%  
 bold\_labels() %>%  
 add\_ci() %>%   
 add\_p() %>%   
 add\_q(method = "hochberg") %>%  
 bold\_p()

## There was an warning for variable 'Tipul raportului':  
## Warning:  
## There were 3 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 2 remaining warnings.

## There was an warning for variable 'Sexul persoanei':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Mediul de reședință':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Gravidă':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Persoană cu copii':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Persoană în vârstă':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Dizabilități':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Familie cultural mixtă':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Abuz alcool':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Neprecizat':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Nu se atestă':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Soț/Soție':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Concubin(ă)':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Frate/Soră':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Tată':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Mamă':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Bunic(ă)':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Fiu/Fiică':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Altă rudă':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Foști soți/concubini':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Statut social':  
## Warning:  
## There were 4 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 3 remaining warnings.

## There was an warning for variable 'Luna agresării':  
## Warning:  
## There were 12 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 11 remaining warnings.

## There was an warning for variable 'Ziua agresării':  
## Warning:  
## There were 7 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 6 remaining warnings.

## There was an warning for variable 'Locul agresării':  
## Warning:  
## There were 10 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 9 remaining warnings.

## There was an warning for variable 'Adresare asistență medicală':  
## Warning:  
## There were 3 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 2 remaining warnings.

## There was an warning for variable 'Spitalizare':  
## Warning:  
## There were 3 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 2 remaining warnings.

## There was an warning for variable 'Violență cronică':  
## Warning:  
## There were 3 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 2 remaining warnings.

## There was an warning for variable 'Lovire':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Împingere':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Tragere de păr':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Sugrumare':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Strangulare':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Sufocare':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Tăiere/înțepare':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Acțiune agent termic':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Alt tip':  
## Warning:  
## There were 10 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 9 remaining warnings.

## There was an warning for variable 'Corp contondent':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Obiect ascuțit':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Factor fizic':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Corpul contondent':  
## Warning:  
## There were 4 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 3 remaining warnings.

## There was an warning for variable 'Obiectul ascuțit':  
## Warning:  
## There were 5 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 4 remaining warnings.

## There was an warning for variable 'Factorul fizic':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Edem posttraumatic':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Echimoză':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Hematom':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Excoriație':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Plagă contuză':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Fractură':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Leziuni viscerale':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Plagă tăiată':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Plagă înțepată':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Plagă înțepat-tăiată':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Leziuni oculare':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Leziuni dentare':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Arsuri termice':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Altă leziune':  
## Warning:  
## There were 5 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 4 remaining warnings.

## There was an warning for variable 'Partea piloasă cap':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Față':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Pavilionul auricular':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Gât':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Torace anterior':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Torace posterior':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Abdomen':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Regiunea lombară':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Braț':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Antebraț':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Mâna propriu-zisă':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Regiunea inghinală':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Perineu':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Fesă':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Coapsă':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Gambă':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Laba piciorului':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Leziuni pattern':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an warning for variable 'Simetria leziunilor':  
## Warning:  
## There were 3 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 2 remaining warnings.

## There was an warning for variable 'Vechimea diferită leziuni':  
## Warning:  
## There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `ci = calculate\_prop\_ci(...)`.  
## ℹ In row 3.  
## Caused by warning in `stats::prop.test()`:  
## ! Chi-squared approximation may be incorrect  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

## There was an error in 'add\_p()/add\_difference()' for variable 'Luna agresării', p-value omitted:  
## Error in stats::fisher.test(structure(c(1L, 5L, 5L, 5L, 5L, 5L, 4L, 4L, : FEXACT error 7(location). LDSTP=18570 is too small for this problem,  
## (pastp=47.6408, ipn\_0:=ipoin[itp=355]=7347, stp[ipn\_0]=46.2048).  
## Increase workspace or consider using 'simulate.p.value=TRUE'

## There was an error in 'add\_p()/add\_difference()' for variable 'Ziua agresării', p-value omitted:  
## Error in stats::fisher.test(structure(c(1L, 3L, 2L, 3L, 6L, 6L, 2L, 1L, : FEXACT error 7(location). LDSTP=18600 is too small for this problem,  
## (pastp=92.071, ipn\_0:=ipoin[itp=546]=4348, stp[ipn\_0]=92.3942).  
## Increase workspace or consider using 'simulate.p.value=TRUE'

## add\_q: Adjusting p-values with  
## `stats::p.adjust(x$table\_body$p.value, method = "hochberg")`  
## Table printed with {flextable}, not {gt}. Learn why at  
## https://www.danieldsjoberg.com/gtsummary/articles/rmarkdown.html  
## To suppress this message, include `message = FALSE` in the code chunk header.

Participant characteristics

| **Variable** | **Neînsemnat**, N = 3291 | **95% CI**2 | **Ușor**, N = 641 | **95% CI**2 | **Grav-Mediu**, N = 71 | **95% CI**2 | **p-value**3 | **q-value**4 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Tipul raportului** |  |  |  |  |  |  | 0.4 | >0.9 |
| constatare medico-legală | 211 (64.1%) | 59%, 69% | 47 (73.4%) | 61%, 83% | 5 (71.4%) | 30%, 95% |  |  |
| expertiză extrajudiciară | 49 (14.9%) | 11%, 19% | 4 (6.3%) | 2.0%, 16% | 1 (14.3%) | 0.75%, 58% |  |  |
| expertiză judiciară | 69 (21.0%) | 17%, 26% | 13 (20.3%) | 12%, 33% | 1 (14.3%) | 0.75%, 58% |  |  |
| **Sexul persoanei** |  |  |  |  |  |  | 0.3 | >0.9 |
| Feminin | 293 (89.1%) | 85%, 92% | 57 (89.1%) | 78%, 95% | 5 (71.4%) | 30%, 95% |  |  |
| Masculin | 36 (10.9%) | 7.9%, 15% | 7 (10.9%) | 4.9%, 22% | 2 (28.6%) | 5.1%, 70% |  |  |
| **Vârsta** | 39.1 (12.5) 37.0 (16.0) 18.0 83.0 | 38, 40 | 41.8 (13.3) 40.5 (16.0) 20.0 70.0 | 38, 45 | 52.7 (14.1) 59.0 (14.5) 29.0 64.0 | 40, 66 | **0.019** | >0.9 |
| **Mediul de reședință** |  |  |  |  |  |  | 0.4 | >0.9 |
| Rural | 156 (47.4%) | 42%, 53% | 36 (56.3%) | 43%, 68% | 3 (42.9%) | 12%, 80% |  |  |
| Urban | 173 (52.6%) | 47%, 58% | 28 (43.8%) | 32%, 57% | 4 (57.1%) | 20%, 88% |  |  |
| **Ora agresării** | 15.3 (7.0) 18.0 (10.0) 0.0 23.0 | 15, 16 | 15.0 (7.0) 18.0 (8.3) 0.0 23.0 | 13, 17 | 13.6 (7.0) 13.0 (9.5) 2.0 21.0 | 7.1, 20 | 0.6 | >0.9 |
| **Gravidă** |  |  |  |  |  |  | 0.4 | >0.9 |
| False | 327 (99.4%) | 98%, 100% | 63 (98.4%) | 90%, 100% | 7 (100.0%) | 56%, 100% |  |  |
| True | 2 (0.6%) | 0.11%, 2.4% | 1 (1.6%) | 0.08%, 9.5% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Persoană cu copii** |  |  |  |  |  |  | >0.9 | >0.9 |
| False | 327 (99.4%) | 98%, 100% | 64 (100.0%) | 93%, 100% | 7 (100.0%) | 56%, 100% |  |  |
| True | 2 (0.6%) | 0.11%, 2.4% | 0 (0.0%) | 0.00%, 7.1% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Persoană în vârstă** |  |  |  |  |  |  | 0.075 | >0.9 |
| False | 316 (96.0%) | 93%, 98% | 58 (90.6%) | 80%, 96% | 6 (85.7%) | 42%, 99% |  |  |
| True | 13 (4.0%) | 2.2%, 6.8% | 6 (9.4%) | 3.9%, 20% | 1 (14.3%) | 0.75%, 58% |  |  |
| **Dizabilități** |  |  |  |  |  |  | 0.5 | >0.9 |
| False | 320 (97.3%) | 95%, 99% | 64 (100.0%) | 93%, 100% | 7 (100.0%) | 56%, 100% |  |  |
| True | 9 (2.7%) | 1.3%, 5.3% | 0 (0.0%) | 0.00%, 7.1% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Familie cultural mixtă** |  |  |  |  |  |  | 0.3 | >0.9 |
| False | 328 (99.7%) | 98%, 100% | 63 (98.4%) | 90%, 100% | 7 (100.0%) | 56%, 100% |  |  |
| True | 1 (0.3%) | 0.02%, 2.0% | 1 (1.6%) | 0.08%, 9.5% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Abuz alcool** |  |  |  |  |  |  | **0.002** | 0.15 |
| False | 328 (99.7%) | 98%, 100% | 61 (95.3%) | 86%, 99% | 6 (85.7%) | 42%, 99% |  |  |
| True | 1 (0.3%) | 0.02%, 2.0% | 3 (4.7%) | 1.2%, 14% | 1 (14.3%) | 0.75%, 58% |  |  |
| **Neprecizat** |  |  |  |  |  |  | 0.075 | >0.9 |
| False | 32 (9.7%) | 6.8%, 14% | 11 (17.2%) | 9.3%, 29% | 2 (28.6%) | 5.1%, 70% |  |  |
| True | 297 (90.3%) | 86%, 93% | 53 (82.8%) | 71%, 91% | 5 (71.4%) | 30%, 95% |  |  |
| **Nu se atestă** |  |  |  |  |  |  | 0.6 | >0.9 |
| False | 325 (98.8%) | 97%, 100% | 63 (98.4%) | 90%, 100% | 7 (100.0%) | 56%, 100% |  |  |
| True | 4 (1.2%) | 0.39%, 3.3% | 1 (1.6%) | 0.08%, 9.5% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Soț/Soție** |  |  |  |  |  |  | **0.039** | >0.9 |
| False | 146 (44.4%) | 39%, 50% | 35 (54.7%) | 42%, 67% | 6 (85.7%) | 42%, 99% |  |  |
| True | 183 (55.6%) | 50%, 61% | 29 (45.3%) | 33%, 58% | 1 (14.3%) | 0.75%, 58% |  |  |
| **Concubin(ă)** |  |  |  |  |  |  | 0.4 | >0.9 |
| False | 267 (81.2%) | 76%, 85% | 47 (73.4%) | 61%, 83% | 6 (85.7%) | 42%, 99% |  |  |
| True | 62 (18.8%) | 15%, 24% | 17 (26.6%) | 17%, 39% | 1 (14.3%) | 0.75%, 58% |  |  |
| **Frate/Soră** |  |  |  |  |  |  | 0.6 | >0.9 |
| False | 314 (95.4%) | 92%, 97% | 63 (98.4%) | 90%, 100% | 7 (100.0%) | 56%, 100% |  |  |
| True | 15 (4.6%) | 2.7%, 7.6% | 1 (1.6%) | 0.08%, 9.5% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Tată** |  |  |  |  |  |  | 0.4 | >0.9 |
| False | 315 (95.7%) | 93%, 98% | 62 (96.9%) | 88%, 99% | 6 (85.7%) | 42%, 99% |  |  |
| True | 14 (4.3%) | 2.4%, 7.2% | 2 (3.1%) | 0.54%, 12% | 1 (14.3%) | 0.75%, 58% |  |  |
| **Mamă** |  |  |  |  |  |  | >0.9 | >0.9 |
| False | 325 (98.8%) | 97%, 100% | 64 (100.0%) | 93%, 100% | 7 (100.0%) | 56%, 100% |  |  |
| True | 4 (1.2%) | 0.39%, 3.3% | 0 (0.0%) | 0.00%, 7.1% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Bunic(ă)** |  |  |  |  |  |  | >0.9 | >0.9 |
| False | 328 (99.7%) | 98%, 100% | 64 (100.0%) | 93%, 100% | 7 (100.0%) | 56%, 100% |  |  |
| True | 1 (0.3%) | 0.02%, 2.0% | 0 (0.0%) | 0.00%, 7.1% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Fiu/Fiică** |  |  |  |  |  |  | **0.005** | 0.3 |
| False | 304 (92.4%) | 89%, 95% | 54 (84.4%) | 73%, 92% | 4 (57.1%) | 20%, 88% |  |  |
| True | 25 (7.6%) | 5.1%, 11% | 10 (15.6%) | 8.1%, 27% | 3 (42.9%) | 12%, 80% |  |  |
| **Altă rudă** |  |  |  |  |  |  | 0.13 | >0.9 |
| False | 320 (97.3%) | 95%, 99% | 61 (95.3%) | 86%, 99% | 6 (85.7%) | 42%, 99% |  |  |
| True | 9 (2.7%) | 1.3%, 5.3% | 3 (4.7%) | 1.2%, 14% | 1 (14.3%) | 0.75%, 58% |  |  |
| **Foști soți/concubini** |  |  |  |  |  |  | 0.6 | >0.9 |
| False | 306 (93.0%) | 90%, 95% | 62 (96.9%) | 88%, 99% | 7 (100.0%) | 56%, 100% |  |  |
| True | 23 (7.0%) | 4.6%, 10% | 2 (3.1%) | 0.54%, 12% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Statut social** |  |  |  |  |  |  | 0.13 | >0.9 |
| Angajat(ă) | 206 (62.6%) | 57%, 68% | 36 (56.3%) | 43%, 68% | 3 (42.9%) | 12%, 80% |  |  |
| Neangajat(ă) | 89 (27.1%) | 22%, 32% | 20 (31.3%) | 21%, 44% | 1 (14.3%) | 0.75%, 58% |  |  |
| Pensionar(ă) | 33 (10.0%) | 7.1%, 14% | 7 (10.9%) | 4.9%, 22% | 3 (42.9%) | 12%, 80% |  |  |
| Student(ă) | 1 (0.3%) | 0.02%, 2.0% | 1 (1.6%) | 0.08%, 9.5% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Luna agresării** |  |  |  |  |  |  |  |  |
| Aprilie | 23 (7.0%) | 4.6%, 10% | 4 (6.3%) | 2.0%, 16% | 2 (28.6%) | 5.1%, 70% |  |  |
| August | 25 (7.6%) | 5.1%, 11% | 7 (10.9%) | 4.9%, 22% | 0 (0.0%) | 0.00%, 44% |  |  |
| Decembrie | 20 (6.1%) | 3.8%, 9.4% | 4 (6.3%) | 2.0%, 16% | 2 (28.6%) | 5.1%, 70% |  |  |
| Februarie | 32 (9.7%) | 6.8%, 14% | 9 (14.1%) | 7.0%, 26% | 1 (14.3%) | 0.75%, 58% |  |  |
| Ianuarie | 33 (10.0%) | 7.1%, 14% | 3 (4.7%) | 1.2%, 14% | 0 (0.0%) | 0.00%, 44% |  |  |
| Iulie | 34 (10.3%) | 7.4%, 14% | 9 (14.1%) | 7.0%, 26% | 0 (0.0%) | 0.00%, 44% |  |  |
| Iunie | 36 (10.9%) | 7.9%, 15% | 6 (9.4%) | 3.9%, 20% | 0 (0.0%) | 0.00%, 44% |  |  |
| Mai | 28 (8.5%) | 5.8%, 12% | 4 (6.3%) | 2.0%, 16% | 0 (0.0%) | 0.00%, 44% |  |  |
| Martie | 28 (8.5%) | 5.8%, 12% | 4 (6.3%) | 2.0%, 16% | 0 (0.0%) | 0.00%, 44% |  |  |
| Noiembrie | 23 (7.0%) | 4.6%, 10% | 4 (6.3%) | 2.0%, 16% | 1 (14.3%) | 0.75%, 58% |  |  |
| Octombrie | 24 (7.3%) | 4.8%, 11% | 6 (9.4%) | 3.9%, 20% | 1 (14.3%) | 0.75%, 58% |  |  |
| Septembrie | 23 (7.0%) | 4.6%, 10% | 4 (6.3%) | 2.0%, 16% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Ziua agresării** |  |  |  |  |  |  |  |  |
| Duminică | 69 (21.0%) | 17%, 26% | 10 (15.6%) | 8.1%, 27% | 2 (28.6%) | 5.1%, 70% |  |  |
| Joi | 44 (13.4%) | 10%, 18% | 4 (6.3%) | 2.0%, 16% | 1 (14.3%) | 0.75%, 58% |  |  |
| Luni | 39 (11.9%) | 8.7%, 16% | 11 (17.2%) | 9.3%, 29% | 1 (14.3%) | 0.75%, 58% |  |  |
| Marți | 52 (15.8%) | 12%, 20% | 11 (17.2%) | 9.3%, 29% | 2 (28.6%) | 5.1%, 70% |  |  |
| Miercuri | 36 (10.9%) | 7.9%, 15% | 9 (14.1%) | 7.0%, 26% | 1 (14.3%) | 0.75%, 58% |  |  |
| Sâmbătă | 53 (16.1%) | 12%, 21% | 13 (20.3%) | 12%, 33% | 0 (0.0%) | 0.00%, 44% |  |  |
| Vineri | 36 (10.9%) | 7.9%, 15% | 6 (9.4%) | 3.9%, 20% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Locul agresării** |  |  |  |  |  |  | 0.8 | >0.9 |
| cafenea | 1 (0.3%) | 0.02%, 2.0% | 0 (0.0%) | 0.00%, 7.1% | 0 (0.0%) | 0.00%, 44% |  |  |
| domiciliu | 290 (88.1%) | 84%, 91% | 56 (87.5%) | 76%, 94% | 7 (100.0%) | 56%, 100% |  |  |
| garaj | 0 (0.0%) | 0.00%, 1.4% | 1 (1.6%) | 0.08%, 9.5% | 0 (0.0%) | 0.00%, 44% |  |  |
| instituție de învățământ | 1 (0.3%) | 0.02%, 2.0% | 0 (0.0%) | 0.00%, 7.1% | 0 (0.0%) | 0.00%, 44% |  |  |
| local | 1 (0.3%) | 0.02%, 2.0% | 0 (0.0%) | 0.00%, 7.1% | 0 (0.0%) | 0.00%, 44% |  |  |
| mașină | 4 (1.2%) | 0.39%, 3.3% | 1 (1.6%) | 0.08%, 9.5% | 0 (0.0%) | 0.00%, 44% |  |  |
| ospeție | 10 (3.0%) | 1.6%, 5.7% | 3 (4.7%) | 1.2%, 14% | 0 (0.0%) | 0.00%, 44% |  |  |
| parc | 2 (0.6%) | 0.11%, 2.4% | 0 (0.0%) | 0.00%, 7.1% | 0 (0.0%) | 0.00%, 44% |  |  |
| scara blocului | 4 (1.2%) | 0.39%, 3.3% | 1 (1.6%) | 0.08%, 9.5% | 0 (0.0%) | 0.00%, 44% |  |  |
| stradă | 16 (4.9%) | 2.9%, 7.9% | 2 (3.1%) | 0.54%, 12% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Adresare asistență medicală** |  |  |  |  |  |  | **<0.001** | <0.001 |
| Da | 32 (9.7%) | 6.8%, 14% | 47 (73.4%) | 61%, 83% | 7 (100.0%) | 56%, 100% |  |  |
| Nu | 276 (83.9%) | 79%, 88% | 15 (23.4%) | 14%, 36% | 0 (0.0%) | 0.00%, 44% |  |  |
| Nu este specificat | 21 (6.4%) | 4.1%, 9.7% | 2 (3.1%) | 0.54%, 12% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Spitalizare** |  |  |  |  |  |  | **<0.001** | 0.032 |
| Da | 0 (0.0%) | 0.00%, 1.4% | 4 (6.3%) | 2.0%, 16% | 1 (14.3%) | 0.75%, 58% |  |  |
| Nu | 308 (93.6%) | 90%, 96% | 58 (90.6%) | 80%, 96% | 6 (85.7%) | 42%, 99% |  |  |
| Nu este specificat | 21 (6.4%) | 4.1%, 9.7% | 2 (3.1%) | 0.54%, 12% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Violență cronică** |  |  |  |  |  |  | 0.2 | >0.9 |
| Da | 22 (6.7%) | 4.3%, 10% | 7 (10.9%) | 4.9%, 22% | 0 (0.0%) | 0.00%, 44% |  |  |
| Nu | 6 (1.8%) | 0.74%, 4.1% | 1 (1.6%) | 0.08%, 9.5% | 1 (14.3%) | 0.75%, 58% |  |  |
| Nu este specificat | 301 (91.5%) | 88%, 94% | 56 (87.5%) | 76%, 94% | 6 (85.7%) | 42%, 99% |  |  |
| **Lovire** |  |  |  |  |  |  | 0.7 | >0.9 |
| False | 30 (9.1%) | 6.3%, 13% | 6 (9.4%) | 3.9%, 20% | 1 (14.3%) | 0.75%, 58% |  |  |
| True | 299 (90.9%) | 87%, 94% | 58 (90.6%) | 80%, 96% | 6 (85.7%) | 42%, 99% |  |  |
| **Împingere** |  |  |  |  |  |  | >0.9 | >0.9 |
| False | 228 (69.3%) | 64%, 74% | 44 (68.8%) | 56%, 79% | 5 (71.4%) | 30%, 95% |  |  |
| True | 101 (30.7%) | 26%, 36% | 20 (31.3%) | 21%, 44% | 2 (28.6%) | 5.1%, 70% |  |  |
| **Tragere de păr** |  |  |  |  |  |  | 0.4 | >0.9 |
| False | 251 (76.3%) | 71%, 81% | 51 (79.7%) | 67%, 88% | 7 (100.0%) | 56%, 100% |  |  |
| True | 78 (23.7%) | 19%, 29% | 13 (20.3%) | 12%, 33% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Sugrumare** |  |  |  |  |  |  | 0.3 | >0.9 |
| False | 259 (78.7%) | 74%, 83% | 54 (84.4%) | 73%, 92% | 7 (100.0%) | 56%, 100% |  |  |
| True | 70 (21.3%) | 17%, 26% | 10 (15.6%) | 8.1%, 27% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Strangulare** |  |  |  |  |  |  | >0.9 | >0.9 |
| False | 326 (99.1%) | 97%, 100% | 64 (100.0%) | 93%, 100% | 7 (100.0%) | 56%, 100% |  |  |
| True | 3 (0.9%) | 0.24%, 2.9% | 0 (0.0%) | 0.00%, 7.1% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Sufocare** |  |  |  |  |  |  | >0.9 | >0.9 |
| False | 328 (99.7%) | 98%, 100% | 64 (100.0%) | 93%, 100% | 7 (100.0%) | 56%, 100% |  |  |
| True | 1 (0.3%) | 0.02%, 2.0% | 0 (0.0%) | 0.00%, 7.1% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Tăiere/înțepare** |  |  |  |  |  |  | **<0.001** | 0.004 |
| False | 320 (97.3%) | 95%, 99% | 53 (82.8%) | 71%, 91% | 6 (85.7%) | 42%, 99% |  |  |
| True | 9 (2.7%) | 1.3%, 5.3% | 11 (17.2%) | 9.3%, 29% | 1 (14.3%) | 0.75%, 58% |  |  |
| **Acțiune agent termic** |  |  |  |  |  |  | **0.031** | >0.9 |
| False | 329 (100.0%) | 99%, 100% | 62 (96.9%) | 88%, 99% | 7 (100.0%) | 56%, 100% |  |  |
| True | 0 (0.0%) | 0.00%, 1.4% | 2 (3.1%) | 0.54%, 12% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Alt tip** |  |  |  |  |  |  | 0.2 | >0.9 |
| apucare brutală | 107 (32.5%) | 28%, 38% | 10 (15.6%) | 8.1%, 27% | 1 (14.3%) | 0.75%, 58% |  |  |
| apucare brutală, mușcare | 3 (0.9%) | 0.24%, 2.9% | 0 (0.0%) | 0.00%, 7.1% | 0 (0.0%) | 0.00%, 44% |  |  |
| apucare brutală, mușcareă | 2 (0.6%) | 0.11%, 2.4% | 0 (0.0%) | 0.00%, 7.1% | 0 (0.0%) | 0.00%, 44% |  |  |
| apucare brutală, zgârâiere | 3 (0.9%) | 0.24%, 2.9% | 0 (0.0%) | 0.00%, 7.1% | 0 (0.0%) | 0.00%, 44% |  |  |
| apucată de față | 2 (0.6%) | 0.11%, 2.4% | 0 (0.0%) | 0.00%, 7.1% | 0 (0.0%) | 0.00%, 44% |  |  |
| mușcare | 6 (1.8%) | 0.74%, 4.1% | 3 (4.7%) | 1.2%, 14% | 0 (0.0%) | 0.00%, 44% |  |  |
| mușcare, zgârâiere | 1 (0.3%) | 0.02%, 2.0% | 0 (0.0%) | 0.00%, 7.1% | 0 (0.0%) | 0.00%, 44% |  |  |
| n/a | 199 (60.5%) | 55%, 66% | 49 (76.6%) | 64%, 86% | 6 (85.7%) | 42%, 99% |  |  |
| tragere de ureche | 0 (0.0%) | 0.00%, 1.4% | 1 (1.6%) | 0.08%, 9.5% | 0 (0.0%) | 0.00%, 44% |  |  |
| zgârâiere | 6 (1.8%) | 0.74%, 4.1% | 1 (1.6%) | 0.08%, 9.5% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Corp contondent** |  |  |  |  |  |  | **0.021** | >0.9 |
| False | 4 (1.2%) | 0.39%, 3.3% | 3 (4.7%) | 1.2%, 14% | 1 (14.3%) | 0.75%, 58% |  |  |
| True | 325 (98.8%) | 97%, 100% | 61 (95.3%) | 86%, 99% | 6 (85.7%) | 42%, 99% |  |  |
| **Obiect ascuțit** |  |  |  |  |  |  | **<0.001** | 0.006 |
| False | 317 (96.4%) | 94%, 98% | 52 (81.3%) | 69%, 90% | 6 (85.7%) | 42%, 99% |  |  |
| True | 12 (3.6%) | 2.0%, 6.5% | 12 (18.8%) | 10%, 31% | 1 (14.3%) | 0.75%, 58% |  |  |
| **Factor fizic** |  |  |  |  |  |  | **0.031** | >0.9 |
| False | 329 (100.0%) | 99%, 100% | 62 (96.9%) | 88%, 99% | 7 (100.0%) | 56%, 100% |  |  |
| True | 0 (0.0%) | 0.00%, 1.4% | 2 (3.1%) | 0.54%, 12% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Corpul contondent** |  |  |  |  |  |  | **0.002** | 0.10 |
| combinat | 56 (17.0%) | 13%, 22% | 18 (28.1%) | 18%, 41% | 0 (0.0%) | 0.00%, 44% |  |  |
| n/a | 3 (0.9%) | 0.24%, 2.9% | 3 (4.7%) | 1.2%, 14% | 1 (14.3%) | 0.75%, 58% |  |  |
| obiect contondent | 19 (5.8%) | 3.6%, 9.0% | 8 (12.5%) | 5.9%, 24% | 0 (0.0%) | 0.00%, 44% |  |  |
| părți ale corpului | 251 (76.3%) | 71%, 81% | 35 (54.7%) | 42%, 67% | 6 (85.7%) | 42%, 99% |  |  |
| **Obiectul ascuțit** |  |  |  |  |  |  | **<0.001** | 0.003 |
| despicător | 0 (0.0%) | 0.00%, 1.4% | 1 (1.6%) | 0.08%, 9.5% | 0 (0.0%) | 0.00%, 44% |  |  |
| înțepător | 0 (0.0%) | 0.00%, 1.4% | 1 (1.6%) | 0.08%, 9.5% | 0 (0.0%) | 0.00%, 44% |  |  |
| înțepător-tăietor | 3 (0.9%) | 0.24%, 2.9% | 0 (0.0%) | 0.00%, 7.1% | 1 (14.3%) | 0.75%, 58% |  |  |
| n/a | 317 (96.4%) | 94%, 98% | 52 (81.3%) | 69%, 90% | 6 (85.7%) | 42%, 99% |  |  |
| tăietor | 9 (2.7%) | 1.3%, 5.3% | 10 (15.6%) | 8.1%, 27% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Factorul fizic** |  |  |  |  |  |  | 0.12 | >0.9 |
| agent termic | 1 (0.3%) | 0.02%, 2.0% | 2 (3.1%) | 0.54%, 12% | 0 (0.0%) | 0.00%, 44% |  |  |
| n/a | 328 (99.7%) | 98%, 100% | 62 (96.9%) | 88%, 99% | 7 (100.0%) | 56%, 100% |  |  |
| **Edem posttraumatic** |  |  |  |  |  |  | **<0.001** | 0.028 |
| False | 288 (87.5%) | 83%, 91% | 43 (67.2%) | 54%, 78% | 6 (85.7%) | 42%, 99% |  |  |
| True | 41 (12.5%) | 9.2%, 17% | 21 (32.8%) | 22%, 46% | 1 (14.3%) | 0.75%, 58% |  |  |
| **Echimoză** |  |  |  |  |  |  | **0.001** | 0.067 |
| False | 37 (11.2%) | 8.1%, 15% | 14 (21.9%) | 13%, 34% | 4 (57.1%) | 20%, 88% |  |  |
| True | 292 (88.8%) | 85%, 92% | 50 (78.1%) | 66%, 87% | 3 (42.9%) | 12%, 80% |  |  |
| **Hematom** |  |  |  |  |  |  | **0.006** | 0.4 |
| False | 329 (100.0%) | 99%, 100% | 61 (95.3%) | 86%, 99% | 7 (100.0%) | 56%, 100% |  |  |
| True | 0 (0.0%) | 0.00%, 1.4% | 3 (4.7%) | 1.2%, 14% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Excoriație** |  |  |  |  |  |  | **0.030** | >0.9 |
| False | 174 (52.9%) | 47%, 58% | 37 (57.8%) | 45%, 70% | 7 (100.0%) | 56%, 100% |  |  |
| True | 155 (47.1%) | 42%, 53% | 27 (42.2%) | 30%, 55% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Plagă contuză** |  |  |  |  |  |  | **<0.001** | <0.001 |
| False | 328 (99.7%) | 98%, 100% | 37 (57.8%) | 45%, 70% | 7 (100.0%) | 56%, 100% |  |  |
| True | 1 (0.3%) | 0.02%, 2.0% | 27 (42.2%) | 30%, 55% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Fractură** |  |  |  |  |  |  | **<0.001** | <0.001 |
| False | 328 (99.7%) | 98%, 100% | 56 (87.5%) | 76%, 94% | 1 (14.3%) | 0.75%, 58% |  |  |
| True | 1 (0.3%) | 0.02%, 2.0% | 8 (12.5%) | 5.9%, 24% | 6 (85.7%) | 42%, 99% |  |  |
| **Leziuni viscerale** |  |  |  |  |  |  | **0.018** | >0.9 |
| False | 329 (100.0%) | 99%, 100% | 64 (100.0%) | 93%, 100% | 6 (85.7%) | 42%, 99% |  |  |
| True | 0 (0.0%) | 0.00%, 1.4% | 0 (0.0%) | 0.00%, 7.1% | 1 (14.3%) | 0.75%, 58% |  |  |
| **Plagă tăiată** |  |  |  |  |  |  | **<0.001** | <0.001 |
| False | 326 (99.1%) | 97%, 100% | 53 (82.8%) | 71%, 91% | 7 (100.0%) | 56%, 100% |  |  |
| True | 3 (0.9%) | 0.24%, 2.9% | 11 (17.2%) | 9.3%, 29% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Plagă înțepată** |  |  |  |  |  |  | 0.2 | >0.9 |
| False | 329 (100.0%) | 99%, 100% | 63 (98.4%) | 90%, 100% | 7 (100.0%) | 56%, 100% |  |  |
| True | 0 (0.0%) | 0.00%, 1.4% | 1 (1.6%) | 0.08%, 9.5% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Plagă înțepat-tăiată** |  |  |  |  |  |  | 0.056 | >0.9 |
| False | 327 (99.4%) | 98%, 100% | 64 (100.0%) | 93%, 100% | 6 (85.7%) | 42%, 99% |  |  |
| True | 2 (0.6%) | 0.11%, 2.4% | 0 (0.0%) | 0.00%, 7.1% | 1 (14.3%) | 0.75%, 58% |  |  |
| **Leziuni oculare** |  |  |  |  |  |  | **<0.001** | <0.001 |
| False | 327 (99.4%) | 98%, 100% | 54 (84.4%) | 73%, 92% | 7 (100.0%) | 56%, 100% |  |  |
| True | 2 (0.6%) | 0.11%, 2.4% | 10 (15.6%) | 8.1%, 27% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Leziuni dentare** |  |  |  |  |  |  | 0.3 | >0.9 |
| False | 328 (99.7%) | 98%, 100% | 63 (98.4%) | 90%, 100% | 7 (100.0%) | 56%, 100% |  |  |
| True | 1 (0.3%) | 0.02%, 2.0% | 1 (1.6%) | 0.08%, 9.5% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Arsuri termice** |  |  |  |  |  |  | **0.031** | >0.9 |
| False | 329 (100.0%) | 99%, 100% | 62 (96.9%) | 88%, 99% | 7 (100.0%) | 56%, 100% |  |  |
| True | 0 (0.0%) | 0.00%, 1.4% | 2 (3.1%) | 0.54%, 12% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Altă leziune** |  |  |  |  |  |  | **<0.001** | <0.001 |
| alopecie postraumatică | 2 (0.6%) | 0.11%, 2.4% | 1 (1.6%) | 0.08%, 9.5% | 0 (0.0%) | 0.00%, 44% |  |  |
| alopecie postraumatică, onicoliză | 0 (0.0%) | 0.00%, 1.4% | 1 (1.6%) | 0.08%, 9.5% | 0 (0.0%) | 0.00%, 44% |  |  |
| comoție cerebrală | 0 (0.0%) | 0.00%, 1.4% | 8 (12.5%) | 5.9%, 24% | 0 (0.0%) | 0.00%, 44% |  |  |
| contuzie cerebrală | 0 (0.0%) | 0.00%, 1.4% | 1 (1.6%) | 0.08%, 9.5% | 0 (0.0%) | 0.00%, 44% |  |  |
| n/a | 327 (99.4%) | 98%, 100% | 53 (82.8%) | 71%, 91% | 7 (100.0%) | 56%, 100% |  |  |
| **Partea piloasă cap** |  |  |  |  |  |  | **<0.001** | 0.001 |
| False | 297 (90.3%) | 86%, 93% | 43 (67.2%) | 54%, 78% | 7 (100.0%) | 56%, 100% |  |  |
| True | 32 (9.7%) | 6.8%, 14% | 21 (32.8%) | 22%, 46% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Față** |  |  |  |  |  |  | **0.013** | 0.7 |
| False | 145 (44.1%) | 39%, 50% | 18 (28.1%) | 18%, 41% | 5 (71.4%) | 30%, 95% |  |  |
| True | 184 (55.9%) | 50%, 61% | 46 (71.9%) | 59%, 82% | 2 (28.6%) | 5.1%, 70% |  |  |
| **Pavilionul auricular** |  |  |  |  |  |  | **0.011** | 0.6 |
| False | 321 (97.6%) | 95%, 99% | 58 (90.6%) | 80%, 96% | 6 (85.7%) | 42%, 99% |  |  |
| True | 8 (2.4%) | 1.1%, 4.9% | 6 (9.4%) | 3.9%, 20% | 1 (14.3%) | 0.75%, 58% |  |  |
| **Gât** |  |  |  |  |  |  | 0.7 | >0.9 |
| False | 287 (87.2%) | 83%, 91% | 54 (84.4%) | 73%, 92% | 6 (85.7%) | 42%, 99% |  |  |
| True | 42 (12.8%) | 9.5%, 17% | 10 (15.6%) | 8.1%, 27% | 1 (14.3%) | 0.75%, 58% |  |  |
| **Torace anterior** |  |  |  |  |  |  | **0.045** | >0.9 |
| False | 290 (88.1%) | 84%, 91% | 49 (76.6%) | 64%, 86% | 6 (85.7%) | 42%, 99% |  |  |
| True | 39 (11.9%) | 8.7%, 16% | 15 (23.4%) | 14%, 36% | 1 (14.3%) | 0.75%, 58% |  |  |
| **Torace posterior** |  |  |  |  |  |  | 0.070 | >0.9 |
| False | 304 (92.4%) | 89%, 95% | 56 (87.5%) | 76%, 94% | 5 (71.4%) | 30%, 95% |  |  |
| True | 25 (7.6%) | 5.1%, 11% | 8 (12.5%) | 5.9%, 24% | 2 (28.6%) | 5.1%, 70% |  |  |
| **Abdomen** |  |  |  |  |  |  | 0.2 | >0.9 |
| False | 318 (96.7%) | 94%, 98% | 61 (95.3%) | 86%, 99% | 6 (85.7%) | 42%, 99% |  |  |
| True | 11 (3.3%) | 1.8%, 6.1% | 3 (4.7%) | 1.2%, 14% | 1 (14.3%) | 0.75%, 58% |  |  |
| **Regiunea lombară** |  |  |  |  |  |  | 0.3 | >0.9 |
| False | 317 (96.4%) | 94%, 98% | 59 (92.2%) | 82%, 97% | 7 (100.0%) | 56%, 100% |  |  |
| True | 12 (3.6%) | 2.0%, 6.5% | 5 (7.8%) | 2.9%, 18% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Braț** |  |  |  |  |  |  | 0.8 | >0.9 |
| False | 187 (56.8%) | 51%, 62% | 36 (56.3%) | 43%, 68% | 5 (71.4%) | 30%, 95% |  |  |
| True | 142 (43.2%) | 38%, 49% | 28 (43.8%) | 32%, 57% | 2 (28.6%) | 5.1%, 70% |  |  |
| **Antebraț** |  |  |  |  |  |  | 0.4 | >0.9 |
| False | 233 (70.8%) | 66%, 76% | 41 (64.1%) | 51%, 75% | 4 (57.1%) | 20%, 88% |  |  |
| True | 96 (29.2%) | 24%, 34% | 23 (35.9%) | 25%, 49% | 3 (42.9%) | 12%, 80% |  |  |
| **Mâna propriu-zisă** |  |  |  |  |  |  | **0.004** | 0.2 |
| False | 276 (83.9%) | 79%, 88% | 42 (65.6%) | 53%, 77% | 6 (85.7%) | 42%, 99% |  |  |
| True | 53 (16.1%) | 12%, 21% | 22 (34.4%) | 23%, 47% | 1 (14.3%) | 0.75%, 58% |  |  |
| **Regiunea inghinală** |  |  |  |  |  |  | **0.031** | >0.9 |
| False | 329 (100.0%) | 99%, 100% | 62 (96.9%) | 88%, 99% | 7 (100.0%) | 56%, 100% |  |  |
| True | 0 (0.0%) | 0.00%, 1.4% | 2 (3.1%) | 0.54%, 12% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Perineu** |  |  |  |  |  |  | 0.2 | >0.9 |
| False | 329 (100.0%) | 99%, 100% | 63 (98.4%) | 90%, 100% | 7 (100.0%) | 56%, 100% |  |  |
| True | 0 (0.0%) | 0.00%, 1.4% | 1 (1.6%) | 0.08%, 9.5% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Fesă** |  |  |  |  |  |  | 0.8 | >0.9 |
| False | 317 (96.4%) | 94%, 98% | 61 (95.3%) | 86%, 99% | 7 (100.0%) | 56%, 100% |  |  |
| True | 12 (3.6%) | 2.0%, 6.5% | 3 (4.7%) | 1.2%, 14% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Coapsă** |  |  |  |  |  |  | **0.014** | 0.8 |
| False | 249 (75.7%) | 71%, 80% | 39 (60.9%) | 48%, 73% | 7 (100.0%) | 56%, 100% |  |  |
| True | 80 (24.3%) | 20%, 29% | 25 (39.1%) | 27%, 52% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Gambă** |  |  |  |  |  |  | **0.039** | >0.9 |
| False | 272 (82.7%) | 78%, 87% | 45 (70.3%) | 57%, 81% | 7 (100.0%) | 56%, 100% |  |  |
| True | 57 (17.3%) | 13%, 22% | 19 (29.7%) | 19%, 43% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Laba piciorului** |  |  |  |  |  |  | **0.042** | >0.9 |
| False | 325 (98.8%) | 97%, 100% | 60 (93.8%) | 84%, 98% | 7 (100.0%) | 56%, 100% |  |  |
| True | 4 (1.2%) | 0.39%, 3.3% | 4 (6.3%) | 2.0%, 16% | 0 (0.0%) | 0.00%, 44% |  |  |
| **Numărul leziunilor** | 5.3 (5.1) 4.0 (5.0) 1.0 39.0 | 4.7, 5.8 | 9.7 (8.9) 6.5 (8.0) 1.0 42.0 | 7.4, 12 | 3.9 (3.8) 3.0 (2.5) 1.0 12.0 | 0.34, 7.4 | **<0.001** | 0.001 |
| **Leziuni pattern** |  |  |  |  |  |  | 0.3 | >0.9 |
| Da | 22 (6.7%) | 4.3%, 10% | 1 (1.6%) | 0.08%, 9.5% | 0 (0.0%) | 0.00%, 44% |  |  |
| Nu | 307 (93.3%) | 90%, 96% | 63 (98.4%) | 90%, 100% | 7 (100.0%) | 56%, 100% |  |  |
| **Simetria leziunilor** |  |  |  |  |  |  | **<0.001** | 0.012 |
| Bipolare | 44 (13.4%) | 10%, 18% | 0 (0.0%) | 0.00%, 7.1% | 0 (0.0%) | 0.00%, 44% |  |  |
| Multipolare | 186 (56.5%) | 51%, 62% | 52 (81.3%) | 69%, 90% | 4 (57.1%) | 20%, 88% |  |  |
| Unipolare | 99 (30.1%) | 25%, 35% | 12 (18.8%) | 10%, 31% | 3 (42.9%) | 12%, 80% |  |  |
| **Vechimea diferită leziuni** |  |  |  |  |  |  | 0.4 | >0.9 |
| Da | 17 (5.2%) | 3.1%, 8.3% | 6 (9.4%) | 3.9%, 20% | 0 (0.0%) | 0.00%, 44% |  |  |
| Nu | 312 (94.8%) | 92%, 97% | 58 (90.6%) | 80%, 96% | 7 (100.0%) | 56%, 100% |  |  |
| **Postagresiune** | 2.3 (2.3) 2.0 (2.0) 0.0 19.0 | 2.1, 2.6 | 3.5 (3.4) 2.0 (4.0) 0.0 17.0 | 2.7, 4.4 | 3.3 (2.1) 4.0 (2.5) 1.0 7.0 | 1.3, 5.3 | **0.002** | 0.14 |
| 1n (%); Mean (SD)  Median (IQR)  Minimum Maximum | | | | | | | | |
| 2CI = Confidence Interval | | | | | | | | |
| 3Fisher's exact test; Kruskal-Wallis rank sum test | | | | | | | | |
| 4Hochberg correction for multiple testing | | | | | | | | |

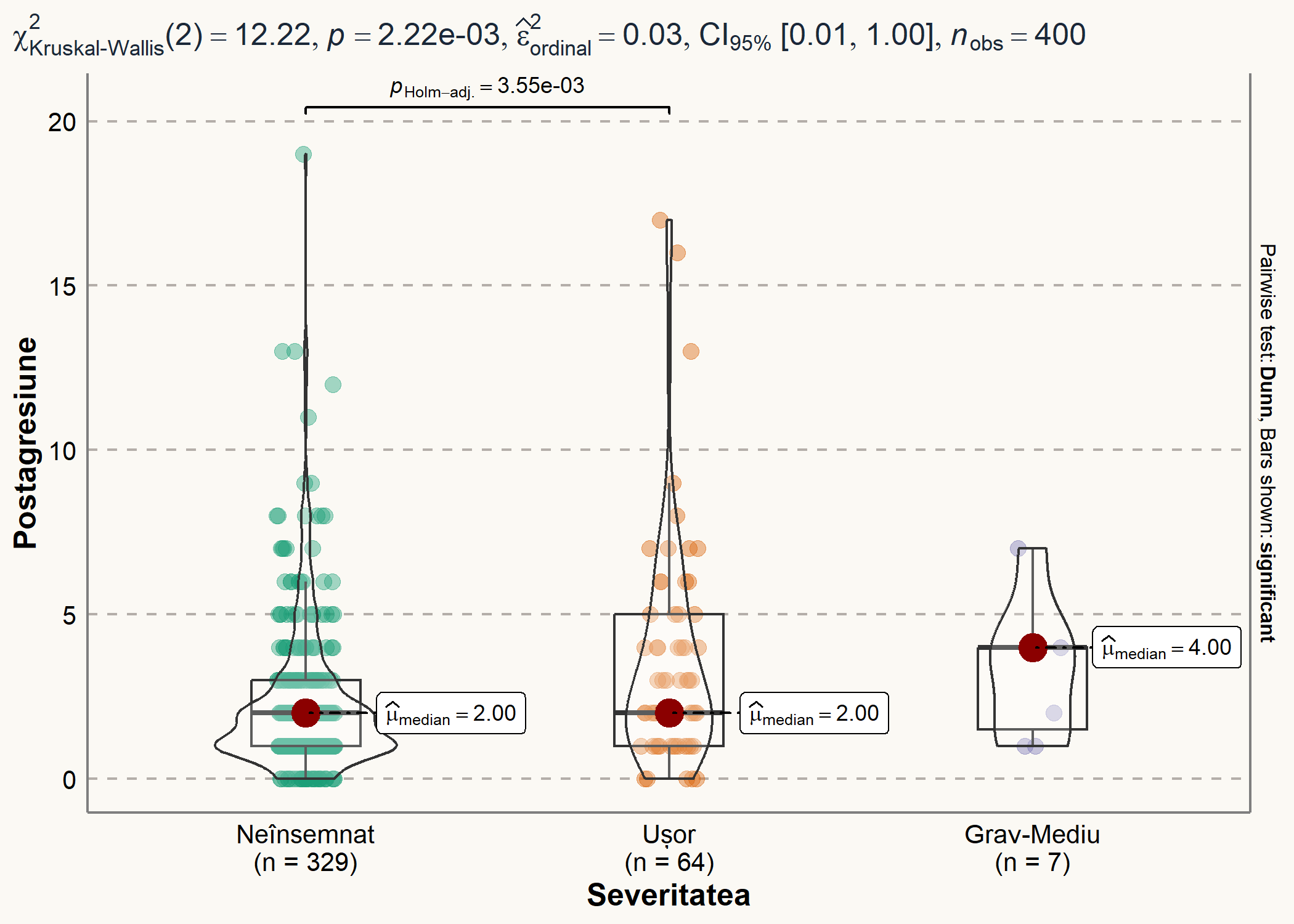
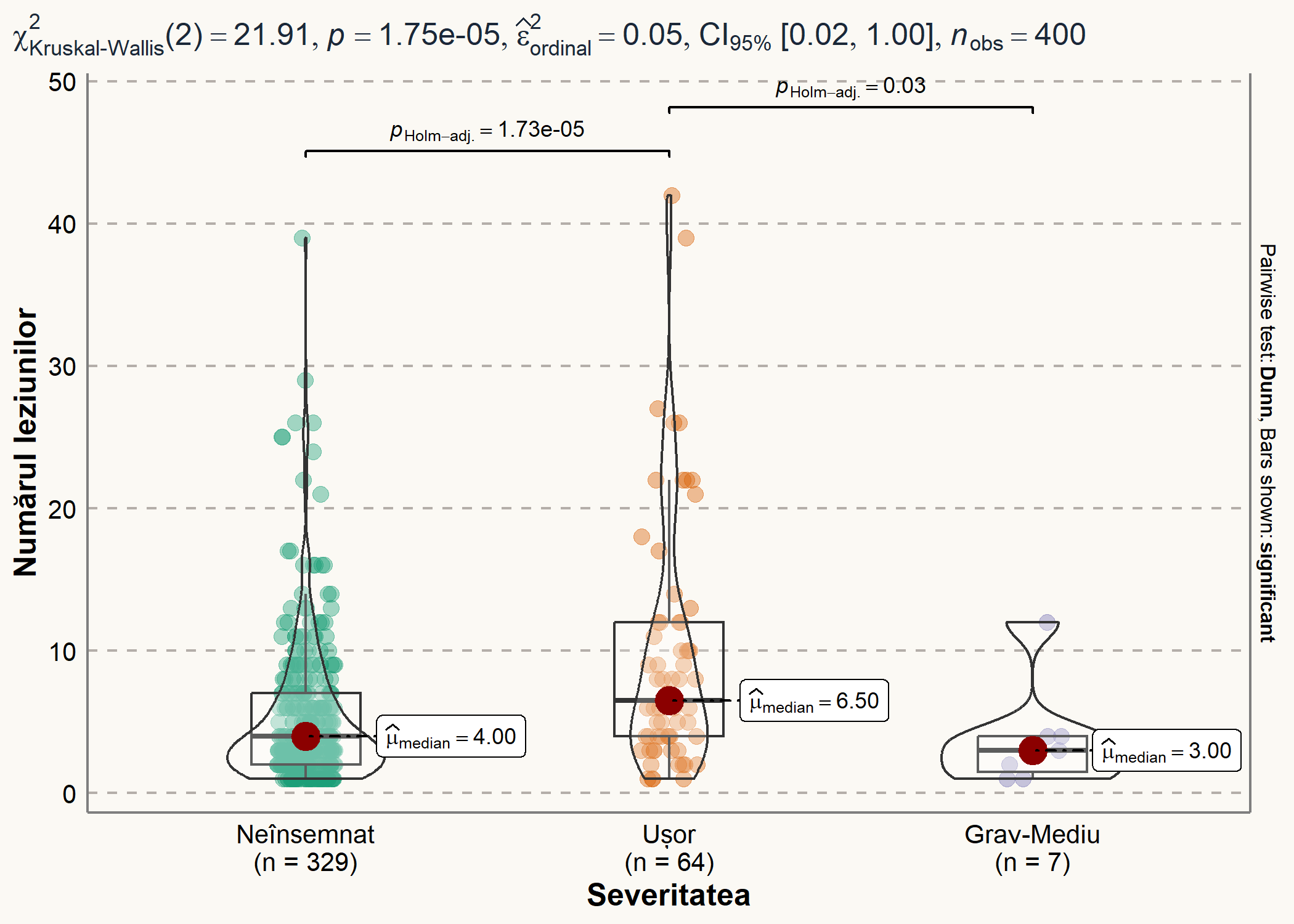
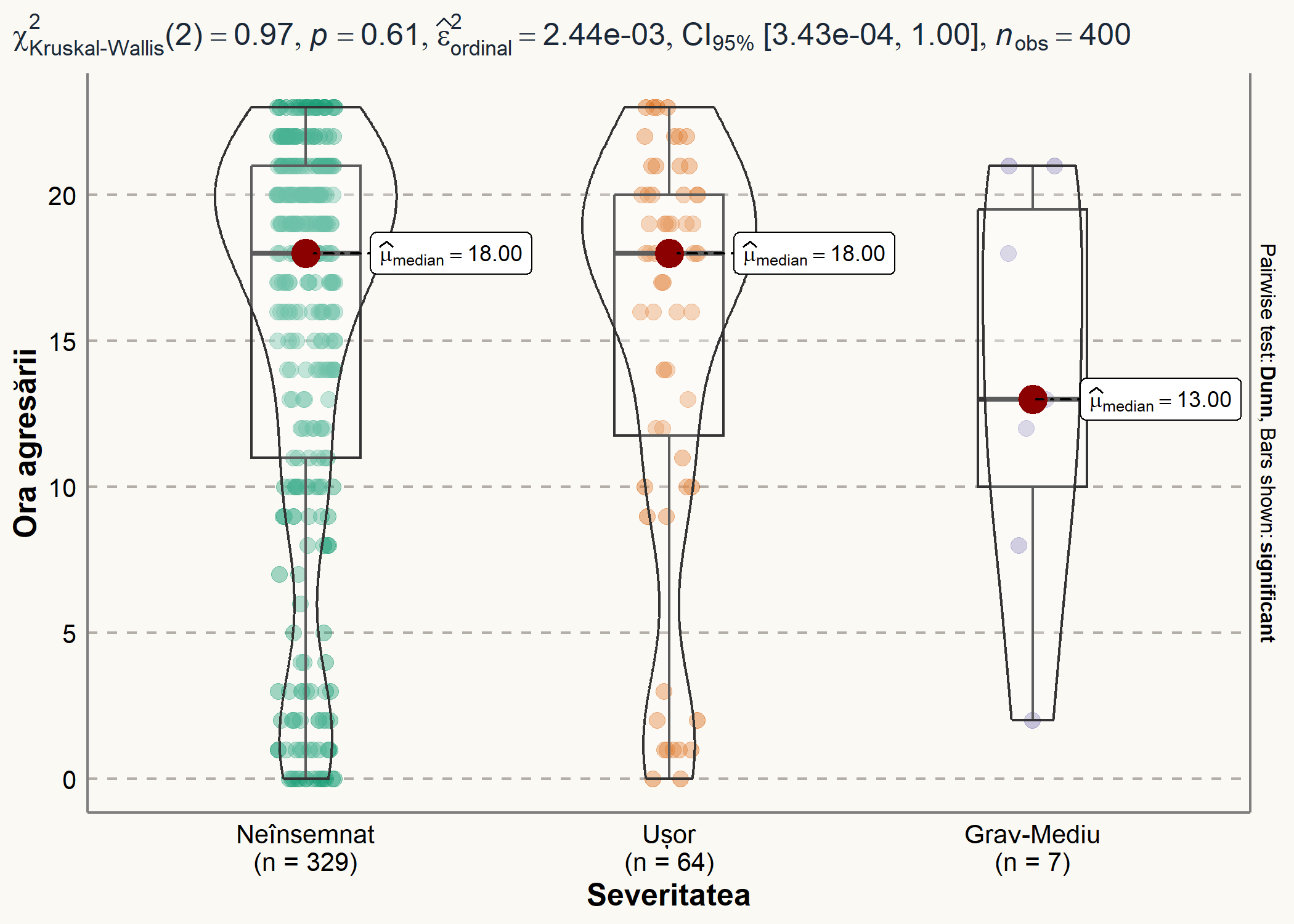
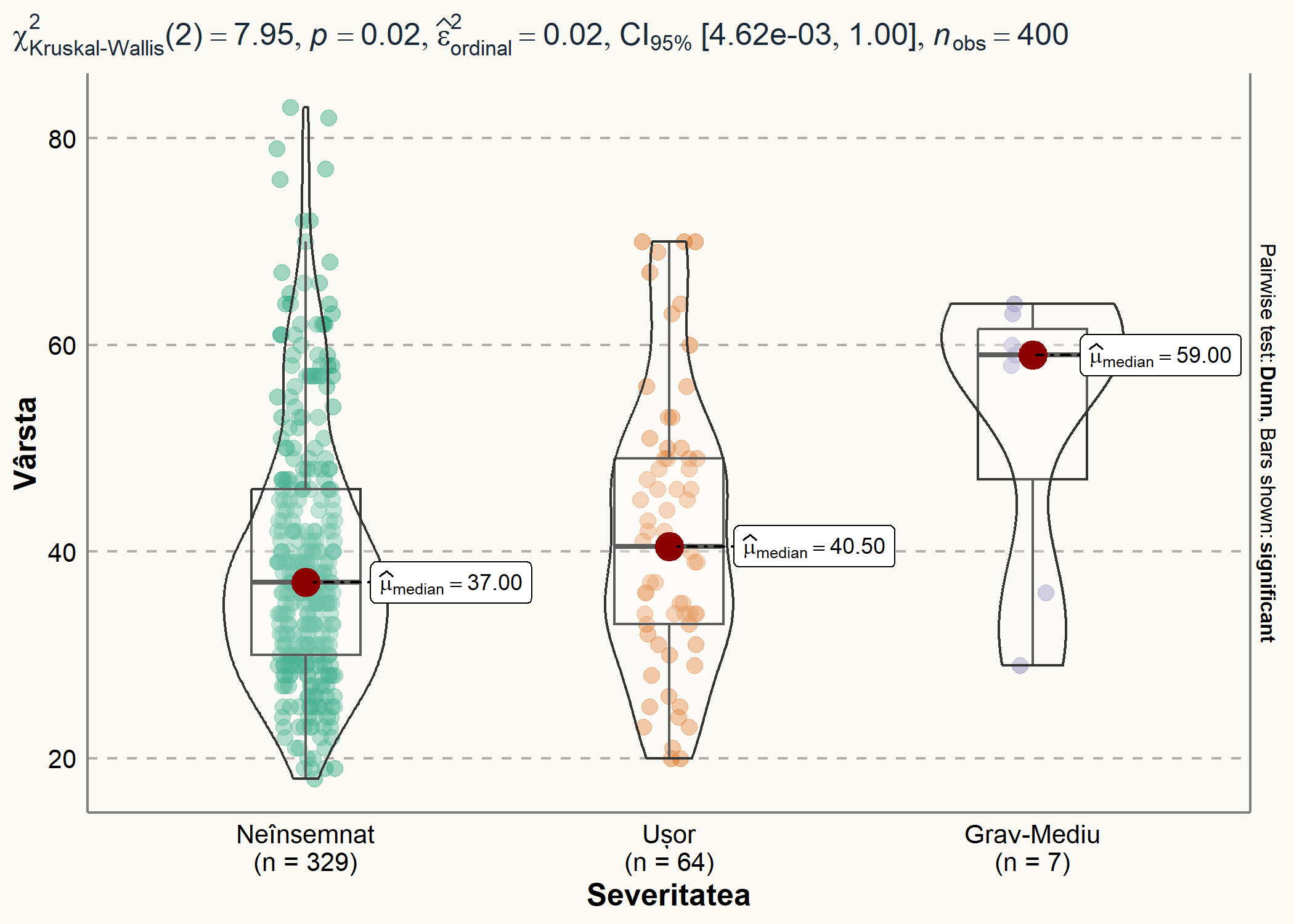
# Visualizarea evaluarea comparativa (variabilie continui)

library(rlang)

##   
## Attaching package: 'rlang'

## The following objects are masked from 'package:purrr':  
##   
## %@%, flatten, flatten\_chr, flatten\_dbl, flatten\_int, flatten\_lgl,  
## flatten\_raw, invoke, splice

library(purrr)  
  
df %>%  
 #select("Mediul de reședință", "Severitatea")%>%  
 mutate(Severitatea = factor(Severitatea, levels = c("Neînsemnat", "Ușor", "Grav-Mediu"))) -> df  
  
# variables <- c("talia\_cm", "talia\_percentile", "talia\_DS", "greutate\_kg", "greutate\_percentile", "greutate\_DS", "surplus", "IMC", "IMC\_percentile", "IMC\_Zscore")  
# names <- c("Talia, cm", "Talia, percentile", "Talia, DS", "Greutate, kg", "Greutate, percentile", "Greutate, DS", "surplus", "IMC", "IMC, percentile", "IMC, Zscore")  
  
  
  
numerical\_data <- names(df %>% select\_if(is.numeric))  
  
for (i in seq\_along(numerical\_data)) {  
 element1 <- numerical\_data[[i]]  
 element2 <- numerical\_data[[i]]  
   
 plot <- create\_grouped\_boxplot(df, "Severitatea", !!ensym(element1), "Severitatea", element2)  
 print(plot)  
}



#df$Severitatea

# Visualizarea evaluarea comparativa (variabilie categoriale)

# factor\_variables <- names(df)[sapply(df, is.factor)]  
#   
# library(vcd)  
#   
# for (i in factor\_variables) {  
# if (i != "Severitatea") {  
# # Perform chi-squared test with simulation-based p-value  
# chi\_result <- chisq.test(table(df$Severitatea, df[[i]]))  
#   
# # Calculate V Cramer's statistic  
# assoc\_stats <- assocstats(table(df$Severitatea, df[[i]]))  
# v\_cramer <- assoc\_stats$cramer  
#   
# # Print the chi-squared test results and V Cramer's statistic  
# print(paste("Chi-Squared Test for", i))  
# print(chi\_result)  
# print(paste("V Cramer's statistic:", v\_cramer))  
#   
# # Create a bar plot using ggplot2  
# p <- ggplot(df, aes(x = Severitatea, fill = .data[[i]])) +  
# geom\_bar(position = "fill") +  
# labs(title = paste("Bar Plot for", i),  
# subtitle = paste("Chi-Squared Test:",   
# "=", round(chi\_result$statistic, 2),  
# "\np-value =", format(chi\_result$p.value, digits = 4),  
# "\nV Cramer's statistic =", format(v\_cramer, digits = 4)),  
# x = "Gradul de gravitate",  
# y = "Proportion") +  
# theme\_minimal()  
#   
# # Print the plot  
# print(p)  
# }  
# }  
  
  
# factor\_variables <- names(df)[sapply(df, is.factor)]  
#   
# library(vcd)  
# library(ggplot2)  
#   
# for (i in factor\_variables) {  
# if (i != "Severitatea") {  
# # Perform Fisher's exact test  
# fisher\_result <- fisher.test(table(df$Severitatea, df[[i]]))  
#   
# # Calculate V Cramer's statistic  
# assoc\_stats <- assocstats(table(df$Severitatea, df[[i]]))  
# v\_cramer <- assoc\_stats$cramer  
#   
# # Print the Fisher's exact test results and V Cramer's statistic  
# cat("Fisher's Exact Test for", i, "\n")  
# print(fisher\_result)  
# cat("V Cramer's statistic:", v\_cramer, "\n")  
#   
# # Create a bar plot using ggplot2  
# p <- ggplot(df, aes(x = Severitatea, fill = .data[[i]])) +  
# geom\_bar(position = "fill", color = "black") +  
# labs(title = paste("Bar Plot for", i),  
# subtitle = paste("Fisher's Exact Test:",   
# "p-value =", format(fisher\_result$p.value, digits = 4),  
# "\nV Cramer's statistic =", format(v\_cramer, digits = 4)),  
# x = "Gradul de gravitate",  
# y = "Proportion") +  
# theme\_minimal()  
#   
# # Print the plot  
# print(p)  
# }  
# }  
#   
# ?fisher.test  
  
  
# factor\_variables <- names(df)[sapply(df, is.factor)]  
#   
# library(vcd)  
# library(ggplot2)  
#   
# for (i in factor\_variables) {  
# if (i != "Severitatea") {  
# # Perform Fisher's exact test  
# fisher\_result <- fisher.test(table(df$Severitatea, df[[i]]))  
#   
# # Calculate V Cramer's statistic  
# assoc\_stats <- assocstats(table(df$Severitatea, df[[i]]))  
# v\_cramer <- assoc\_stats$cramer  
#   
# # Create a bar plot using ggplot2  
# p <- ggplot(df, aes(x = Severitatea, fill = .data[[i]])) +  
# geom\_bar(position = "fill", color = "black") +  
# labs(title = paste("Bar Plot for", i),  
# subtitle = paste("Fisher's Exact Test: OR =", format(fisher\_result$estimate, digits = 4),  
# "\n95% CI:", format(fisher\_result$conf.int[1], digits = 4),  
# "-", format(fisher\_result$conf.int[2], digits = 4),  
# "\np-value =", format(fisher\_result$p.value, digits = 4),  
# "\nV Cramer's statistic =", format(v\_cramer, digits = 4)),  
# x = "Gradul de gravitate",  
# y = "Proportion") +  
# theme\_minimal()  
#   
# # Print the plot  
# print(p)  
# }  
# }  
  
factor\_variables <- names(df)[sapply(df, is.factor)]  
  
library(vcd)

## Loading required package: grid

library(ggplot2)  
  
for (i in factor\_variables) {  
 if (i != "Severitatea") {  
 # Perform Fisher's exact test with simulated p-value  
 fisher\_result <- fisher.test(table(df$Severitatea, df[[i]]), simulate.p.value = TRUE)  
   
 # Calculate V Cramer's statistic  
 assoc\_stats <- assocstats(table(df$Severitatea, df[[i]]))  
 v\_cramer <- assoc\_stats$cramer  
   
 # Create a bar plot using ggplot2  
 p <- ggplot(df, aes(x = Severitatea, fill = .data[[i]])) +  
 geom\_bar(position = "fill", color = "black") +  
 labs(title = paste("Bar Plot for", i),  
 subtitle = paste("Fisher's Exact Test (Simulated P-value): OR =", format(fisher\_result$estimate, digits = 4),  
 "\n95% CI:", format(fisher\_result$conf.int[1], digits = 4),  
 "-", format(fisher\_result$conf.int[2], digits = 4),  
 "\nSimulated p-value =", format(fisher\_result$p.value, digits = 4),  
 "\nV Cramer's statistic =", format(v\_cramer, digits = 4)),  
 x = "Gradul de gravitate",  
 y = "Proportion") +  
 theme\_minimal()  
   
 # Print the plot  
 print(p)  
 }  
}

