Data preparation

Changes in the Justification of Pension Inequality in Chile (2016–2023) and its Relationship to Social Class and Beliefs in Meritocracy

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2025-09-11

1 Presentation

This is the data preparation code for the paper "Changes in the Justification of Pension Inequality in Chile (2016–2023) and its Relationship to Social Class and Beliefs in Meritocracy". The prepared dataset is ELSOC_Long_2016_2023_1.00.RData.

2 Libraries

```
options(scipen=999)
rm(list = ls())
```

3 Data

```
load(url("https://dataverse.harvard.edu/api/access/datafile/10797987"))
glimpse(elsoc_long_2016_2023)
```

4 Processing

```
# Market Justice Preferences
frq(elsoc_long_2016_2023$just_pension)
```

Grado de acuerdo: Justicia distributiva en pensiones (x) <numeric> # total N=20761 valid N=17966 mean=2.24 sd=1.11

```
Value |
                                Label | N | Raw % | Valid % | Cum. %
    1 |
             Totalmente en desacuerdo | 4889 | 23.55 |
                                                        27.21 |
                                                                 27.21
    2 |
                        En desacuerdo | 7802 | 37.58 |
                                                        43.43 | 70.64
    3 | Ni de acuerdo ni en desacuerdo | 1740 | 8.38 |
                                                        9.68 | 80.32
                                                        17.18 | 97.51
    4 l
                           De acuerdo | 3087 | 14.87 |
    5 I
                Totalmente de acuerdo | 448 | 2.16 |
                                                        2.49 | 100.00
 <NA> |
                                 <NA> | 2795 | 13.46 |
                                                         <NA> |
                                                                  <NA>
```

```
elsoc_long_2016_2023$just_pension <- car::recode(elsoc_long_2016_2023$just_pension,
  recodes = c("1='Strongly disagree'; 2='Disagree'; 3='Neither agree nor disagree'; 4='A
  levels = c("Strongly disagree", "Disagree", "Neither agree nor disagree", "Agree", "St
  as.factor = T)

elsoc_long_2016_2023$just_pension <- sjlabelled::set_label(elsoc_long_2016_2023$just_pension distributive justice")</pre>
```

```
# Social class scheme EOW
frq(elsoc_long_2016_2023$m07)
```

Relacion de empleo (x) <numeric> # total N=20761 valid N=7288 mean=2.35 sd=1.90

Value
1
2
3
4
5
6
7
<na></na>

Label

Empleado u obrero en empresa privada Empleado u obrero del sector publico (incluso empresa publica o municipalidad) Miembro de las Fuerzas Armadas y de Orden Patron/a o empleador/a (contrata o paga a honorarios a uno/o o mas trabajadores/as)

Trabaja solo, no tiene empleados/as

Familiar no remunerado

Servicio domestico

<NA>

```
N | Raw % | Valid % | Cum. %
4160 | 20.04 |
                57.08 | 57.08
 964 | 4.64 |
                13.23 | 70.31
  80 | 0.39 |
                1.10 | 71.41
 329 | 1.58 |
                4.51 | 75.92
              18.92 | 94.84
 1379 | 6.64 |
  15 | 0.07 |
                0.21 | 95.05
                4.95 | 100.00
 361 | 1.74 |
13473 | 64.90 |
                <NA> | <NA>
```

```
elsoc_long_2016_2023 <- elsoc_long_2016_2023 %>%
  mutate(rel_empleo = factor(m07,
                             levels = 1:7,
                             labels= c("Empleado u obrero en empresa privada",
                                        "Empleado u obrero del sector público",
                                        "Miembro de las Fuerzas Armadas y de Orden",
                                        "Patrón/a o empleador/a",
                                        "Trabaja solo, no tiene empleados",
                                        "Familiar no remunerado",
                                        "Servicio doméstico"
                                        )))
# Definir los niveles y etiquetas originales
niveles rel empleo <- 1:7
etiquetas_rel_empleo <- c("Empleado u obrero en empresa privada",
                          "Empleado u obrero del sector público",
                           "Miembro de las Fuerzas Armadas y de Orden",
                          "Patrón/a o empleador/a",
                          "Trabaja solo, no tiene empleados",
                          "Familiar no remunerado",
                          "Servicio doméstico")
```

```
# Crear columna desplazada y rellenar valores NA
elsoc_long_2016_2023 <- elsoc_long_2016_2023 %>%
  group_by(idencuesta) %>%
                                                                         # Agrupa por i
 mutate(rel_empleo_lagged = lag(as.character(rel_empleo), n = 1)) %>% # Desplaza rel
  ungroup() %>%
  mutate(rel_empleo = if_else(!is.na(rel_empleo),
                              as.character(rel_empleo),
                              rel_empleo_lagged),
         rel_empleo = factor(rel_empleo,
                                                                         # Convertir de
                             levels = etiquetas_rel_empleo)) %>%
  select(-rel_empleo_lagged)
                                                                         # Elimina la c
# Tabla de frecuencias y porcentajes
sjt.xtab(elsoc_long_2016_2023$rel_empleo,elsoc_long_2016_2023$ola,
         show.col.prc=TRUE,
         var.labels=c("Relación de empleo","Ola"),
                                     title="Frecuencias y porcentajes de Relación de E
         show.summary=FALSE,
```

Table 1: Frecuencias y porcentajes de Relación de Empleo, por ola

Relación				Ola				Total
de	2016	2017	2018	2019	2021	2022	2023	10001
Emplea d	o 1091	898	1349	1147	897	731	866	6979
u	61.1 %	60.3 %	58.3 %	57.8 %	54.1 %	52.8 %	54%	57.1 %
obrero								
en								
empresa								
privada								
Emplead	o 186	155	291	262	229	195	264	1582
u	10.4~%	10.4~%	12.6~%	13.2 %	13.8 %	14.1 %	16.5~%	12.9 %
obrero								
del								
sector								
público								

Miembro	25	17	25	21	19	11	12	130
de las	1.4~%	1.1~%	1.1~%	1.1~%	1.1~%	0.8~%	0.7~%	1.1~%
Fuerzas								
Ar-								
madas								
y de								
Orden								
Patrón/a	85	72	109	92	86	67	55	566
O	4.8~%	4.8~%	4.7~%	4.6~%	5.2~%	4.8~%	3.4~%	4.6%
empleado	r/a							
Trabaja	321	277	415	354	347	307	309	2330
solo, no	18%	18.6 %	17.9 %	17.8 %	20.9 %	22.2~%	19.3 %	19.1 %
tiene								
empleados	S							
Familiar	4	3	6	4	1	2	4	24
no	0.2~%	0.2~%	0.3~%	0.2~%	0.1~%	0.1~%	0.2~%	0.2~%
remunera	do							
Servicio	75	67	118	106	78	71	94	609
domés-	4.2~%	4.5~%	5.1 %	5.3~%	4.7~%	5.1 %	5.9 %	5%
tico								
Total	1787	1489	2313	1986	1657	1384	1604	12220
	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %

```
var.labels=c("Relación de empleo 2","Ola"),
show.summary=FALSE,
title="Frecuencias y porcentajes de Relación de Empleo 2, por ola")
```

Table 2: Frecuencias y porcentajes de Relación de Empleo 2, por ola

Relación				Ola				Total
de	2016	2017	2018	2019	2021	2022	2023	Total
Emplea d	or 85	72	109	92	86	67	55	566
2	4.8~%	4.8~%	4.7~%	4.6~%	5.2~%	4.8~%	3.4~%	4.6~%
Autoemp	olea 32 1	277	415	354	347	307	309	2330
	18%	18.6~%	17.9 %	17.8 %	20.9 %	22.2~%	19.3 %	19.1 %
Asalaria	do 1381	1140	1789	1540	1224	1010	1240	9324
	77.3 %	76.6~%	77.3 %	77.5 %	73.9 %	73%	77.3 %	76.3 %
Total	1787	1489	2313	1986	1657	1384	1604	12220
	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %

```
# Carga bbdd con comparacion 88 y 08
isco08_88 <- read_excel(here::here("input/data/original/isco08-88.xls"))</pre>
isco08_88 <- isco08_88 %>%
  rename(isco08=`ISCO 08 Code`,isco88=`ISCO-88 code`)
# Exploración
valores_repetidos <- table(isco08_88$isco88) # Contar los valores repetidos en la vari
valores_repetidos <- valores_repetidos[valores_repetidos > 1]
valores_repetidos <- table(isco08_88$isco08) # Contar los valores repetidos en la vari
valores_repetidos <- valores_repetidos[valores_repetidos > 1]
# CIUO - ISCO: Recodificación 88->08 4 digitos en datos elsoc
indices <- match(elsoc_long_2016_2023$ciuo88_m03,isco08_88$isco88)</pre>
elsoc_long_2016_2023$ciuo08_rec <- isco08_88$isco08[indices]
elsoc_long_2016_2023$ciuo08_rec <- as.numeric(elsoc_long_2016_2023$ciuo08_rec) # es so
# Creación variable isco08 con ciuo08_m03 y ciuo08_rec (ex ciuo88_m03) 4 digitos
elsoc_long_2016_2023$isco08 <- ifelse(!is.na(elsoc_long_2016_2023$ciuo08_rec),elsoc_lo
# Crear una columna con la variable "isco08" adelantada una ola
elsoc_long_2016_2023 <- elsoc_long_2016_2023 %>%
```

```
# Agrupa por id para trabajar en cada individuo
 group by(idencuesta) %>%
 mutate(isco08_lagged=lag(isco08,n=1)) %>% # Desplaza isco08 a la siguiente ola
 ungroup()
# Rellenar los valores NA en la variable original
elsoc_long_2016_2023 <- elsoc_long_2016_2023 %>%
 mutate(isco08=ifelse(!is.na(isco08),isco08,isco08_lagged)) %>% # Si isco08 es NA, s
  select(-isco08 lagged)
                                         # Elimina la columna temporal
# CIUO - ISCO: creación de variables con 1 dígito
elsoc_long_2016_2023$isco08_1d <- as.character(elsoc_long_2016_2023$isco08)
elsoc_long_2016_2023$isco08_1d <- substr(elsoc_long_2016_2023$isco08_1d,1,1)
elsoc_long_2016_2023$isco08_1d <- as.numeric(elsoc_long_2016_2023$isco08_1d)
# CIUO - ISCO: creación de variables con 2 dígitos
elsoc_long_2016_2023$isco08_2d <- as.character(elsoc_long_2016_2023$isco08)
elsoc_long_2016_2023$isco08_2d <- substr(elsoc_long_2016_2023$isco08_2d,1,2)
elsoc_long_2016_2023$isco08_2d <- as.numeric(elsoc_long_2016_2023$isco08_2d)
# Tabla de frecuencias y porcentajes 1 dígito
sjt.xtab(elsoc_long_2016_2023$isco08_1d,elsoc_long_2016_2023$ola,
         show.col.prc=TRUE,
        var.labels=c("CIU008","01a"),
         show.summary=FALSE,
         title="Frecuencias y porcentajes de Ocupación con 1 dígito, por ola")
```

Table 3: Frecuencias y porcentajes de Ocupación con 1 dígito, por ola

CIUO08				Ola				То4о1
C10008	2016	2017	2018	2019	2021	2022	2023	Total
1	89	75	59	47	41	32	48	391
	5%	5%	2.5~%	2.3~%	2.5~%	2.3~%	3%	3.2~%
2	257	198	312	265	250	205	238	1725
	14.4~%	13.3 %	13.3 %	13.2~%	15.1 %	14.8~%	14.8~%	14.1~%
3	362	304	180	150	148	116	202	1462
	20.3%	20.4~%	7.7~%	7.5~%	8.9~%	8.4~%	12.6~%	11.9 %
4	26	18	187	164	129	107	92	723
	1.5~%	1.2~%	8 %	8.2 %	7.8 %	7.7~%	5.7 %	5.9 %

```
5
           348
                     279
                               579
                                         501
                                                    383
                                                              325
                                                                        361
                                                                                  2776
         19.5 \%
                   18.8 \%
                             24.8 \%
                                        25\%
                                                  23.1 \%
                                                            23.4\%
                                                                      22.5 \%
                                                                                22.6 \%
                                          22
                                                              26
  6
           41
                     37
                                27
                                                    30
                                                                         23
                                                                                  206
          2.3 \%
                    2.5 \%
                              1.2 \%
                                        1.1 %
                                                  1.8 %
                                                            1.9 %
                                                                       1.4~\%
                                                                                 1.7 \%
  7
           319
                     280
                               346
                                         301
                                                   297
                                                              259
                                                                        243
                                                                                 2045
                             14.8 \%
         17.9 \%
                   18.8 %
                                         15 %
                                                  17.9 \%
                                                            18.7 \%
                                                                      15.1 \%
                                                                                16.7 \%
           120
                     96
                               202
                                         166
                                                   127
                                                              103
                                                                        127
                                                                                  941
  8
          6.7 \%
                    6.5 \%
                              8.6 %
                                        8.3 %
                                                  7.6 %
                                                             7.4 %
                                                                       7.9 %
                                                                                 7.7 %
  9
           220
                                                                                 1999
                     200
                               446
                                         391
                                                   256
                                                              214
                                                                        272
         12.3 \%
                                                                                16.3 \%
                   13.4 %
                             19.1 \%
                                        19.5 \%
                                                  15.4 \%
                                                            15.4 \%
                                                                      16.9 \%
Total
                                                                                 12268
          1782
                    1487
                              2338
                                         2007
                                                   1661
                                                             1387
                                                                       1606
                                                                                 100~\%
         100 %
                              100 %
                                        100 %
                                                  100 %
                                                                      100 %
                    100 %
                                                            100 %
```

Table 4: Frecuencias y porcentajes del Nivel de Cualificación, por ola

Nivel				Ola				
de	2016	2017	2018	2019	2021	2022	2023	Total
Explifica	ción240	181	293	234	244	194	270	1656
	13.5~%	12.2~%	12.5~%	11.7~%	14.7~%	14~%	17~%	13.5~%
Skilled	650	554	679	613	516	419	441	3872
	36.5~%	37.3 %	29.1~%	30.6 %	31.1~%	30.3 %	27.8 %	31.6 %

```
Unskilled 892
                    752
                            1364
                                     1158
                                               900
                                                         772
                                                                  873
                                                                           6711
         50.1 %
                  50.6 %
                           58.4 \%
                                    57.8 %
                                              54.2 %
                                                       55.7 %
                                                                55.1 %
                                                                         54.8~\%
          1782
                                                        1385
                                                                 1584
                                                                          12239
Total
                   1487
                            2336
                                      2005
                                               1660
         100 %
                  100 %
                            100 %
                                     100 %
                                              100 %
                                                       100 %
                                                                100 %
                                                                          100 %
```

```
# Crear variable supervisa==1, no supervisa==0
elsoc_long_2016_2023 <- elsoc_long_2016_2023 %>%
 mutate(supervisa=case_when(m06==0~0,
                             m06 >= 1 - 1)
# Crear una columna con la variable "m06" adelantada una ola
elsoc_long_2016_2023 <- elsoc_long_2016_2023 %>%
  arrange(ola) %>% # Ordena por ola, por si acaso no está ordenado
 group_by(idencuesta) %>%
                                  # Agrupa por id para trabajar en cada individuo
 mutate(m06_lagged=lag(m06,n=1)) %>% # Desplaza "m06" a la siguiente ola
 ungroup()
# Rellenar los valores NA en la variable original
elsoc long 2016 2023 <- elsoc long 2016 2023 %>%
 mutate(m06 full=ifelse(!is.na(m06),m06,m06 lagged)) %>% # Si m06 es NA, sustituir o
 select(-m06 lagged)
# Crear variable supervisa==1, no supervisa==0
elsoc long 2016 2023 <- elsoc long 2016 2023 %>%
 mutate(supervisa=case_when(m06_full==0~0,
                             m06 full>=1~1))
# Tabla de frecuencias y porcentajes
sjt.xtab(elsoc_long_2016_2023$supervisa,elsoc_long_2016_2023$ola,
         show.col.prc=TRUE,
         var.labels=c("Supervisa","Ola"),
         show.summary=FALSE,
         title="Frecuencias y porcentajes de variable Supervisa, por ola")
```

Table 5: Frecuencias y porcentajes de variable Supervisa, por ola

Companyia		Ola 2016 2017 2018 2019 2021 2022 2023									
Supervisa	2016	2017	2018	2019	2021	2022	2023	Total			

```
0
         1339
                   1124
                             1788
                                      1532
                                                 778
                                                          643
                                                                   1112
                                                                             8316
        74.3 \%
                  74.8 \%
                             77 %
                                     76.9 \%
                                               62.2 \%
                                                         62.7 \%
                                                                  71.1 %
                                                                            72.6 \%
 1
          463
                    378
                             534
                                       461
                                                 473
                                                          383
                                                                    452
                                                                             3144
        25.7 \%
                  25.2 \%
                            23 \%
                                               37.8 %
                                                         37.3 %
                                                                  28.9 \%
                                                                            27.4 \%
                                     23.1 \%
Total
         1802
                   1502
                             2322
                                      1993
                                                1251
                                                          1026
                                                                   1564
                                                                            11460
         100 %
                  100 %
                            100 %
                                      100 %
                                               100 %
                                                         100 %
                                                                   100 %
                                                                            100 %
```

```
# Creación de variable posición de clase
elsoc long 2016 2023 <- mutate(elsoc long 2016 2023,
               class1=case_when(
                 rel_empleo2=="Empleador"~"Petit bourgeoisie",
                 rel_empleo2=="Autoempleado"&m01>=9~"Petit bourgeoisie",
                 rel_empleo2=="Autoempleado"&m01<9~"Informal",
                 rel empleo2=="Asalariado"&cualificacion=="Experts"&supervisa==1~"Expe
                 rel_empleo2=="Asalariado"&cualificacion=="Experts"&supervisa==0~"Expe
                 rel_empleo2=="Asalariado"&cualificacion=="Skilled"&supervisa==1~"Supe
                 rel empleo2=="Asalariado"&cualificacion=="Unskilled"&supervisa==1~"Su
                 rel_empleo2=="Asalariado"&cualificacion=="Skilled"&supervisa==0~"Work
                 rel_empleo2=="Asalariado"&cualificacion=="Unskilled"&supervisa==0~"Wo
elsoc_long_2016_2023$class1 <- factor(elsoc_long_2016_2023$class1,
                      levels=c("Petit bourgeoisie",
                               "Informal",
                               "Expert managers",
                               "Experts",
                               "Supervisors",
                               "Workers"))
# Tabla de frecuencias y porcentajes
sjt.xtab(elsoc_long_2016_2023$class1, elsoc_long_2016_2023$ola,
         show.col.prc = TRUE,
         var.labels = c("Posición de clase 1", "Ola"),
         show.summary = FALSE,
         title = "Frecuencias y porcentajes de la Posición de clase 1, por ola")
```

Table 6: Frecuencias y porcentajes de la Posición de clase 1, por ola

Posición				Ola				Total
de	2016	2017	2018	2019	2021	2022	2023	Total
clase 1								

Petit	105	89	143	121	118	96	84	756
bour-	5.9~%	6%	6.2~%	6.1~%	7.6~%	7.5~%	5.4~%	6.4~%
geoisie								
Informal	301	260	381	323	315	278	280	2138
	17~%	17.6 %	16.6 %	16.4~%	20.4~%	21.7 %	18%	18%
Expert	93	70	119	95	115	95	138	725
man-	5.3 %	4.7~%	5.2~%	4.8~%	7.4~%	7.4~%	8.9 %	6.1 %
agers								
Experts	112	84	129	103	94	71	99	692
	6.3 %	5.7 %	5.6~%	5.2 %	6.1~%	5.5 %	6.4~%	5.8 %
Superviso		229	327	291	275	222	253	1872
	15.5 %	15.5 %	14.2 %	14.8 %	17.8 %	17.3 %	16.3 %	15.7 %
Workers	884	743	1199	1039	630	520	700	5715
	49.9 %	50.4 %	52.2 %	52.7 %	40.7 %	40.6 %	45%	48%
Total	1770	1475	2298	1972	1547	1282	1554	11898
	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %

Meritocracy

frq(elsoc_long_2016_2023\$merit_effort)

Grado de acuerdo: Las personas son recompensadas por sus esfuerzos (x) <numeric> # total N=20761 valid N=20629 mean=2.60 sd=1.02

Value						Label		N	1	Raw %		Valid %		Cum.	%
1			Totalmente	en	de	sacuerdo	-	2173		10.47	-	10.53	-	10.	53
2				En	de	sacuerdo	-	9442	-	45.48		45.77		56.	30
3	Ni	en	${\tt desacuerdo}$	ni	de	acuerdo	-	4037	\perp	19.45		19.57		75.	87
4					De	acuerdo	1	4379	-	21.09		21.23		97.	10
5			Totalmer	nte	de	acuerdo	-	598	\perp	2.88		2.90		100.	00
<na> </na>						<na></na>	1	132	-	0.64		<na></na>		<n< td=""><td>IA></td></n<>	IA>

frq(elsoc_long_2016_2023\$merit_talent)

Grado de acuerdo: Las personas son recompensada por su inteligencia (x) <numeric> # total N=20761 valid N=20631 mean=2.77 sd=1.03

```
Label | N | Raw % | Valid % | Cum. %
    1 |
              Totalmente en desacuerdo | 1766 | 8.51 |
                                                         8.56 |
                                                                   8.56
                                                          39.30 | 47.86
    2 |
                         En desacuerdo | 8108 | 39.05 |
    3 | Ni en desacuerdo ni de acuerdo | 4571 | 22.02 |
                                                         22.16 | 70.02
    4 l
                            De acuerdo | 5577 | 26.86 |
                                                         27.03 | 97.05
                Totalmente de acuerdo | 609 | 2.93 |
                                                          2.95 | 100.00
    5 I
 <NA> |
                                  <NA> |
                                         130 | 0.63 | <NA> |
                                                                   <NA>
elsoc_long_2016_2023 <- elsoc_long_2016_2023 %>%
 mutate(
    across(
      .cols = c(merit_effort, merit_talent),
      .fns = ~ car::recode(., recodes = c("1='Strongly disagree'; 2='Disagree';
                                          3='Neither agree nor disagree'; 4='Agree';
                                          5='Strongly agree'"),
                           levels = c("Strongly disagree", "Disagree", "Neither agree
                           as.factor = T)
   )
  )
elsoc long 2016 2023$merit effort <- sjlabelled::set label(elsoc long 2016 2023$merit
                        label = "People are rewarded for their efforts")
elsoc_long_2016_2023\merit_talent <- sjlabelled::set_label(elsoc_long_2016_2023\merit_
                        label = "People are rewarded for their intelligence")
# Controls
elsoc_long_2016_2023$sex <- car::recode(elsoc_long_2016_2023$sex,
                           recodes = c("1='Male'; 2='Female'"),
                           levels = c("Male", "Female"),
                           as.factor = T)
elsoc_long_2016_2023$sex <- sjlabelled::set_label(elsoc_long_2016_2023$sex,
                        label = "Gender")
# age
```

Value |

frq(elsoc_long_2016_2023\$age)

Edad del entrevistado (x) <numeric> # total N=20761 valid N=20761 mean=48.84 sd=15.43

Value		N		Raw %		Valid %		Cum. %
18	1	34		0.16		0.16	1	0.16
19		72	\mid	0.35		0.35		0.51
20		113		0.54		0.54		1.05
21		156		0.75		0.75		1.81
22		187	\mid	0.90		0.90		2.71
23		231	\mid	1.11		1.11		3.82
24		262	-	1.26		1.26		5.08
25		324		1.56		1.56		6.64
26		318		1.53		1.53		8.17
27		312		1.50		1.50		9.68
28		361		1.74		1.74		11.42
29		345		1.66		1.66	-	13.08
30		365		1.76		1.76		14.84
31		364	-	1.75		1.75		16.59
32		369		1.78		1.78		18.37
33		377	-	1.82		1.82		20.18
34		384		1.85		1.85		22.03
35		373	-	1.80		1.80		23.83
36		444		2.14		2.14		25.97
37		373	-	1.80		1.80		27.76
38		411		1.98		1.98		29.74
39		365	-	1.76		1.76		31.50
40		386		1.86		1.86		33.36
41		391	-	1.88		1.88		35.24
42		395		1.90		1.90		37.15
43		379	-	1.83		1.83		38.97
44		361	-	1.74		1.74		40.71
45		370		1.78		1.78		42.49
46		410	-	1.97		1.97		44.47
47		411	-	1.98		1.98		46.45
48		405		1.95		1.95		48.40
49		403		1.94		1.94		50.34
50		451		2.17		2.17		52.51

51	417	2.01	2.01		54.52
52	462	2.23	2.23		56.75
53	413	1.99	1.99		58.74
54	463	2.23	2.23		60.97
55	495	2.38	2.38		63.35
56	498	2.40	2.40		65.75
57	449	2.16	2.16		67.91
58	468	2.25	2.25		70.17
59	461	2.22	2.22		72.39
60	481	2.32	2.32		74.70
61	397	1.91	1.91		76.61
62	393	1.89	1.89		78.51
63	386	1.86	1.86		80.37
64	355	1.71	1.71		82.08
65	362	1.74	1.74		83.82
66	316	1.52	1.52		85.34
67	335	1.61	1.61		86.96
68	253	1.22	1.22	-	88.17
69	260	1.25	1.25	-	89.43
70	282	1.36	1.36	-	90.79
71	268	1.29	1.29		92.08
72	230	1.11	1.11		93.18
73	235	1.13	1.13		94.32
74	241	1.16	1.16		95.48
75	245	1.18	1.18		96.66
76	180	0.87	0.87		97.52
77	152	0.73	0.73		98.26
78	105	0.51	0.51		98.76
79	98	0.47	0.47		99.23
80	62	0.30	0.30		99.53
81	40	0.19	0.19		99.73
82	19	0.09	0.09		99.82
83	9	0.04	0.04		99.86
84	11	0.05	0.05		99.91
85	4	0.02	0.02		99.93
86	2	0.01	0.01		99.94
87	2	0.01	0.01		99.95
88	3	0.01	0.01		99.97
89	3	0.01	0.01		99.98
90	2	0.01	0.01		99.99
91	1	0.00	0.00		100.00

```
92 | 1 | 0.00 | 0.00 | 100.00 
<NA> | 0 | 0.00 | <NA> | <NA>
```

Autoubicacion escala izquierda-derecha (x) <numeric> # total N=20761 valid N=20443 mean=7.39 sd=3.96

Value	Label		N		Raw %		Valid %		Cum. %
0	0 Izquierda		 1146		5.52		5.61		5.61
1	1		386		1.86		1.89		7.49
2	2		625		3.01		3.06		10.55
3	3	-	1007		4.85		4.93		15.48
4	4		1193		5.75		5.84		21.31
5	5 Centro		5360		25.82		26.22		47.53
6	6	1	749		3.61		3.66		51.20
7	7		707		3.41		3.46		54.65
8	8		601		2.89		2.94		57.59
9	9	-	177		0.85		0.87		58.46
10	10 Derecha		1135		5.47		5.55		64.01
11	11 Independiente		727		3.50		3.56		67.57
12	12 Ninguno	-	6630		31.93		32.43		100.00
<na> </na>	<na></na>	\perp	318		1.53		<na></na>		<na></na>

```
elsoc_long_2016_2023$ideo<-
factor(
   car::recode(</pre>
```

Political identification (x) <categorical> # total N=20761 valid N=20443 mean=2.67 sd=1.17

Value		N	-	Raw %		Valid %	1	Cum. %
Left		4357		20.99		21.31		21.31
Center	-	5360		25.82	-	26.22		47.53
Right		3369		16.23	-	16.48		64.01
Does not identify	-	7357	-	35.44	-	35.99		100.00
<na></na>		318	\mathbf{I}	1.53	-	<na></na>		<na></na>

[1] "numeric"

```
sjmisc::frq(elsoc_long_2016_2023$educyear)
```

Education in years (x) <numeric>
total N=20761 valid N=20746 mean=11.56 sd=3.99

```
7.50 | 1992 | 9.59 | 9.60 | 22.19
9.80 | 2692 | 12.97 |
                      12.98 | 35.17
12.02 | 6122 | 29.49 |
                       29.51 | 64.68
13.90 | 749 | 3.61 |
                      3.61 | 68.29
14.80 | 2619 | 12.61 |
                     12.62 | 80.91
14.90 | 1197 | 5.77 |
                      5.77 | 86.68
16.90 | 2413 | 11.62 |
                     11.63 | 98.31
19.07 | 350 | 1.69 |
                        1.69 | 100.00
<NA> |
         15 | 0.07 |
                        <NA> |
                                <NA>
```

```
# Reshape long to wide
df_study1_long <- elsoc_long_2016_2023 %>%
  select(idencuesta,
         ola,
         muestra,
         ponderador_long_total,
         segmento,
         estrato,
         just_pension,
         class1,
         merit_effort,
         merit talent,
         educ,
         educyear,
         sex,
         age,
         ideo)
df_study1_wide <- df_study1_long %>%
  tidyr::pivot_wider(id_cols = c("idencuesta", "muestra"),
                      names_from = "ola",
                      values_from = names(select(df_study1_long,ponderador_long_total,s
# fix data to w01 values
df_study1_wide$class1_2 <-df_study1_wide$class1_1 #class
df_study1_wide$class1_3 <-df_study1_wide$class1_1</pre>
df_study1_wide$class1_4 <-df_study1_wide$class1_1
df_study1_wide$class1_5 <-df_study1_wide$class1_1
df_study1_wide$class1_6 <-df_study1_wide$class1_1
df_study1_wide$class1_7 <-df_study1_wide$class1_1</pre>
```

```
df study1 wide$age 2 <-df study1 wide$age 1 #age
df_study1_wide$age_3 <-df_study1_wide$age_1
df study1 wide$age 4 <-df study1 wide$age 1
df study1 wide$age 5 <-df study1 wide$age 1
df_study1_wide$age_6 <-df_study1_wide$age_1
df study1 wide$age 7 <-df study1 wide$age 1
df study1 wide$sex 2 <-df study1 wide$sex 1 #sex
df_study1_wide$sex_3 <-df_study1_wide$sex_1</pre>
df study1 wide$sex 4 <-df study1 wide$sex 1
df study1 wide$sex_5 <-df_study1_wide$sex_1</pre>
df study1 wide$sex 6 <-df study1 wide$sex 1
df_study1_wide$sex_7 <-df_study1_wide$sex_1
df study1 wide$educ 2 <-df study1 wide$educ 1 #education</pre>
df study1 wide$educ 3 <-df study1 wide$educ 1
df study1 wide$educ 4 <-df study1 wide$educ 1
df study1 wide$educ 5 <-df study1 wide$educ 1
df_study1_wide$educ_6 <-df_study1 wide$educ 1
df_study1_wide$educ_7 <-df_study1_wide$educ_1</pre>
df study1 wide$educyear 2 <-df study1 wide$educyear 1 #education years
df study1 wide$educyear 3 <-df study1 wide$educyear 1
df study1 wide$educyear 4 <-df study1 wide$educyear 1
df study1 wide$educyear 5 <-df study1 wide$educyear 1
df study1 wide$educyear 6 <-df study1 wide$educyear 1
df study1 wide$educyear 7 <-df study1 wide$educyear 1
df study1 wide$ideo 2 <-df study1 wide$ideo 1 # political position
df study1 wide$ideo 3 <-df study1 wide$ideo 1
df_study1_wide$ideo_4 <-df_study1_wide$ideo_1
df study1 wide$ideo 5 <-df study1 wide$ideo 1
df study1 wide$ideo 6 <-df study1 wide$ideo 1
df_study1_wide$ideo_7 <-df_study1_wide$ideo_1</pre>
dim(df study1 wide)
```

[1] 4447 86

just_pension_5 [28]

Table 7: Data frame: df_study1_wide

ID	Name	Type	Label	missings	Values	Value Labels	Freq.	%
1	idencues	tanumeric	Folio identificador de participante	0 (0.00%)	range: 1101011-			
2	muestra	numeric	Identifica de mues- tra de en- cuesta	ador (0.00%)	1 2	Muestra Origi- nal Muestra Refresco	2928 1519	65.84 34.16
3	ponderac	lan <u>ur</u> honr <u>ig</u>	t <i>Pta</i> rl <u>d</u> efrac	(34.18%)	range: 0	.0-6.6		
4	ponderac	lor <u>ur</u> horr <u>ic</u>		(44.39%)	range: 0	.0-7.7		

```
5
           ponderador<u>urhorisc</u>t Ponderadoi 99
                                                       range: 0.0-9.0
                                 longitu- (15.72%)
                                 dinal
                                 (2016-
                                 2022).
                                 Mues-
                                 \operatorname{tra}
                                 completa
6
           ponderadorumente tPtanlderadou030
                                                       range: 0.0-11.8
                                 longitu- (23.16\%)
                                 dinal
                                 (2016-
                                 2022).
                                 Mues-
                                 \operatorname{tra}
                                 completa
7
           ponderador<u>umenic</u>tPonderaddr707
                                                       range: 0.0-13.8
                                 longitu- (38.39%)
                                 dinal
                                 (2016-
                                 2022).
                                 Mues-
                                 tra
                                 completa
                                                       range: 0.0-15.0
8
           ponderador<u>urhorisc</u>tPtadderaddr717
                                 longitu- (38.61%)
                                 dinal
                                 (2016-
                                 2022).
                                 Mues-
                                 \operatorname{tra}
                                 completa
9
           ponderador<u>urhorisc</u> tPtorldefraddr721
                                                       range: 0.0-16.4
                                 longitu- (38.70\%)
                                 dinal
                                 (2016-
                                 2022).
                                 Mues-
                                 tra
                                 completa
```

10	segmento_numeric	Segmento 1520	range:			
		(34.18%)	110101-12	420411		
11	segmento_n2meric	Segmento 1974	range:			
		(44.39%)	110101-12	420411		
12	segmento_n3meric	Segmento 699	range:			
		(15.72%)	110101-12	420411		
13	segmento_n4meric	Segmento 1030	range:			
		(23.16%)	110101-12	420411		
14	segmento_n5meric	Segmento 1707	range:			
		(38.39%)	110101-14	420411		
15	segmento_n@imeric	Segmento 1717	range:			
		(38.61%)	110101-12	420411		
16	$segmento_n 7 imeric$	Segmento 1721	range:			
		(38.70%)	110101-12	420411		
17	$estrato_1numeric$	Estrato 1520	1	Gran	720	24.60
		mues- (34.18%)	2	Santi-	375	12.81
		tral	3	ago	391	13.36
			4	Gran	408	13.94
			5	Val-	567	19.37
			6	paraiso	466	15.92
				Gran		
				Con-		
				cepcion		
				Ciudades		
				Grandes		
				Ciudades		
				Medi-		
				anas		
				Ciudades		
				Pequenni		
				1		

18	estrato_2numeric	Estrato muestral	1974 (44.39%)	1 2 3 4 5 6	Gran Santi- ago Gran Val- paraiso Gran Con- cepcion Ciudades Grandes Ciudades Medi- anas Ciudades Pequenni	5	24.14 12.70 13.55 14.68 18.48 16.46
19	estrato_3numeric	Estrato mues- tral	699 (15.72%)	1 2 3 4 5 6	Gran Santiago Gran Valparaiso Gran Concepcion Ciudades Grandes Ciudades Medianas Ciudades Pequenni	934 437 514 623 636 604	24.92 11.66 13.71 16.62 16.97 16.12

20	estrato_4 numeric	Estrato mues- tral	1030 (23.16%)	1 2 3 4 5 6	Gran Santiago Gran Val- paraiso Gran Concepcion Ciudades Grandes Ciudades Medianas Ciudades Pequenni	3	24.38 11.56 13.67 16.62 17.35 16.42
21	estrato_5 numeric	Estrato mues- tral	1707 (38.39%)	1 2 3 4 5 6	Gran Santiago Gran Valparaiso Gran Concepcion Ciudades Grandes Ciudades Medianas Ciudades Pequenni	671 316 394 456 470 433	24.49 11.53 14.38 16.64 17.15 15.80

22	estrato_6 numeric	Estrato mues- tral	1717 (38.61%)	1 2 3 4 5 6	Gran Santiago Gran Val- paraiso Gran Con- cepcion Ciudades Grandes Ciudades Medianas Ciudades Pequenni	3	25.20 10.92 13.52 16.45 16.12 17.80
23	estrato_7 numeric	Estrato mues- tral	1721 (38.70%)	1 2 3 4 5 6	Gran Santiago Gran Val- paraiso Gran Con- cepcion Ciudades Grandes Ciudades Medianas Ciudades Pequenni	665 308 359 441 467 486	24.39 11.30 13.17 16.18 17.13 17.83

24	just_pens icat egbrica	aPension dis- tribu- tive justice	1524 (34.27%)	Strongly dis- agree Disagree Neither agree nor dis- agree Agree Strongly agree	862 1337 228 443 53	29.49 45.74 7.80 15.16 1.81
25	just_pens ian teg 2 rica	aPension dis- tribu- tive justice	1982 (44.57%)	Strongly dis- agree Disagree Neither agree nor dis- agree Agree Strongly agree	906 1022 172 314 51	36.75 41.46 6.98 12.74 2.07
26	just_pens ian eg o rica	aPension dis- tribu- tive justice	718 (16.15%)	_	1253 1517 283 573 103	33.60 40.68 7.59 15.37 2.76

27	Pension dis- tribu- tive justice	1038 (23.34%)	Strongly dis- agree Disagree Neither agree nor dis- agree Agree Strongly agree	963 1598 321 467 60	28.25 46.88 9.42 13.70 1.76
29	Pension dis- tribu- tive justice	1726 (38.81%)	Strongly disagree Disagree Neither agree nor disagree Agree Strongly agree	415 1207 348 661 90	15.25 44.36 12.79 24.29 3.31
30	Pension dis- tribu- tive justice	1728 (38.86%)	Strongly dis- agree Disagree Neither agree nor dis- agree Agree Strongly agree	490 1121 388 629 91	18.02 41.23 14.27 23.13 3.35

31	class1_1 categorical	2677 (60.20%)	Petit bour- geoisie Informal Expert man- agers Experts Supervise	275 884	5.93 17.01 5.25 6.33 15.54 49.94
32	class1_2 categorical	2677 (60.20%)	Workers Petit bour- geoisie Informal Expert man- agers Experts Supervise Workers	275 884	5.93 17.01 5.25 6.33 15.54 49.94
33	class1_3 categorical	2677 (60.20%)	Petit bour- geoisie Informal Expert man- agers Experts Supervise Workers	275 884	5.93 17.01 5.25 6.33 15.54 49.94
34	class1_4 categorical	2677 (60.20%)	Petit bour- geoisie Informal Expert man- agers Experts Supervise Workers	275 884	5.93 17.01 5.25 6.33 15.54 49.94

35	class1_5 categorical	2677 (60.20%)	Petit bour- geoisie Informal Expert man- agers Experts Supervise Workers	275 884	5.93 17.01 5.25 6.33 15.54 49.94
36	class1_6 categorical	2677 (60.20%)	Petit bour- geoisie Informal Expert man- agers Experts Supervise Workers	275 884	5.93 17.01 5.25 6.33 15.54 49.94
37	class1_7 categorical	2677 (60.20%)	Petit bour- geoisie Informal Expert man- agers Experts Supervise Workers	275 884	5.93 17.01 5.25 6.33 15.54 49.94

38	wa for the	e re- arded	1538 (34.59%)	Strongly dis- agree Disagree Neither agree nor dis- agree Agree Strongly agree	357 1331 497 646 78	12.27 45.75 17.08 22.21 2.68
39	wa for the	e re- arded	1988 (44.70%)	Strongly disagree Disagree Neither agree nor disagree Agree Strongly agree	282 1057 478 556 86	11.47 42.98 19.44 22.61 3.50
40	wa for the	e re- arded	737 (16.57%)	Strongly disagree Disagree Neither agree nor disagree Agree Strongly agree	347 1482 797 925 159	9.35 39.95 21.48 24.93 4.29

41	wa for the	e re- arded r	1046 (23.52%)	Strongly dis- agree Disagree Neither agree nor dis- agree Agree Strongly agree	415 1604 631 653 98	12.20 47.16 18.55 19.20 2.88
42	wa for the	e re- arded r	1735 (39.02%)	Strongly disagree	237 1415 422 567 71	8.74 52.18 15.56 20.91 2.62
43	wa for the	e re- arded r	1729 (38.88%)	_	265 1323 587 491 52	9.75 48.68 21.60 18.06 1.91

44	t t	People are re-warded for their efforts	1727 (38.84%)	Strongly dis- agree Disagree Neither agree nor dis- agree Agree Strongly agree	270 1230 625 541 54	9.93 45.22 22.98 19.89 1.99
45	t i	People are re-warded for their intelligence	1540 (34.63%)	Strongly disagree Disagree Neither agree nor disagree Agree Strongly agree	288 1163 559 814 83	9.91 40.01 19.23 28.00 2.86
46	t i	People are re-warded for their intelligence	1987 (44.68%)	Strongly dis- agree Disagree Neither agree nor dis- agree Agree Strongly agree	228 901 555 675 101	9.27 36.63 22.56 27.44 4.11

47	merit_tal cat egoric	aPeople are re- warded for their intelli- gence	739 (16.62%)	Strongly dis- agree Disagree Neither agree nor dis- agree Agree Strongly agree	1257 838	7.47 33.90 22.60 31.74 4.29
48	merit_tal eat egoric	aPeople are re- warded for their intelli- gence	1047 (23.54%)	Strongly dis- agree Disagree Neither agree nor dis- agree Agree Strongly agree	1329 775	10.00 39.09 22.79 25.35 2.76
49	merit_tal cat e g oric	aPeople are re- warded for their intelli- gence	1733 (38.97%)	Strongly dis- agree Disagree Neither agree nor dis- agree Agree Strongly agree	1290 495	6.19 47.53 18.24 25.57 2.47

50	merit_talentegoricaPeople are rewarded for their intellingence	- (38.81%) d	Strongly dis- agree Disagree Neither agree nor dis- agree Agree Strongly agree	1108 667	8.75 40.72 24.51 24.18 1.84
51	merit_tal cat egoricaPeople are rewarded for their intelligence	- (38.81%) d	Strongly dis- agree Disagree Neither agree nor dis- agree Agree Strongly	1060 682	8.34 38.96 25.06 25.62 2.02
52	educ_1 categoricaEduca	ation1522 (34.23%)	agree Less than Univer- sitary Universit	2390 535	81.71 18.29
53	educ_2 categoricaEduca	ation1522 (34.23%)	Less than Universitary Universit	2390 535	81.71 18.29
54	educ_3 categoricaEduca	ation1522 (34.23%)	Less than Univer- sitary Universit	2390 535	81.71 18.29

55	educ_4 categori	caEducation1522 (34.23%)	Less than Univer- sitary	2390 535	81.71 18.29
56	educ_5 categori	caEducation1522 (34.23%)	Universi Less than Univer- sitary	tary 2390 535	81.71 18.29
57	educ_6 categori	caEducation1522 (34.23%)	Universi Less than Univer- sitary	tary 2390 535	81.71 18.29
58	educ_7 categori	caEducation1522 (34.23%)	Universi Less than Univer- sitary	2390 535	81.71 18.29
59	educyear <u>n</u> lumeric	in (34.23%)	Universi range: 0.0-19.1	tary	
60	educyear <u>r</u> lumeric	in (34.23%)	range: 0.0-19.1		
61	educyear <u>r</u> aumeric	in (34.23%)	range: 0.0-19.1		
62	educyear <u>r</u> 4umeric	years Education1522 in (34.23%)	range: 0.0-19.1		
63	educyear <u>r</u> umeric	in (34.23%)	range: 0.0-19.1		
64	educyear <u>n</u> umeric	years Education1522 in (34.23%) years	range: 0.0-19.1		

65	educyear	_n7umeric	Education		range: (0.0-19.1		
			in	(34.23%)				
66	an 1	aa tamania	years	1520		Mala	1169	20.72
66	sex_1	categoric	aGender	1520		Male	1163	39.73
67			- r r1	(34.18%)		Female	1764	60.27
67	sex_2	categoric	aGender	1520		Male	1163	39.73
60	gorr 2	catamania	o Condon	(34.18%)		Female Male	1764	60.27
68	sex_3	categoric	aGender	1520 (34.18%)			1163	39.73
60	gov. 4	catamania	o Condon	,		Female Mala	1764	60.27
69	sex_4	categoric	aGender	1520		Male	1163	39.73
70	F		- Ml	(34.18%)		Female	1764	60.27
70	sex_5	categoric	aGender	1520		Male	1163	39.73
71	C		. r r. 1.	(34.18%)		Female	1764	60.27
71	sex_6	categoric	aGender	1520		Male	1163	39.73
70			. r r. 1.	(34.18%)		Female	1764	60.27
72	sex_7	categoric	aGender	1520		Male	1163	39.73
70	1	, .	14	(34.18%)		Female	1764	60.27
73	age_1	categoric	0	1520		18-29	506	17.29
			groups	(34.18%)		30-49	1157	39.53
						50-64	839	28.66
						65 or	425	14.52
74	0		- 14	1500		more	FOG	17 20
74	age_2	categoric	_	1520		18-29	506	17.29
			groups	(34.18%)		30-49	1157	39.53
						50-64	839	28.66
						65 or	425	14.52
75	0	, .	14	1500		more	F0.0	17.00
75	age_3	categoric	0	1520		18-29	506	17.29
			groups	(34.18%)		30-49	1157	39.53
						50-64	839	28.66
						65 or	425	14.52
7 0	4		74	1500		more	F 0.0	1 7 00
76	age_4	categoric	0	1520		18-29	506	17.29
			groups	(34.18%)		30-49	1157	39.53
						50-64	839	28.66
						65 or	425	14.52
						more		

77	ogo 5	oo to govie o N go	1520	18-29	506	17.29
11	age_5	categoricaAge	(34.18%)	30-49	1157	39.53
		groups	(34.1070)	50-49	839	28.66
				65 or	425	14.52
					420	14.02
78	o.co 6	categoricaAge	1520	more 18-29	506	17.29
10	age_6	0 0	(34.18%)	30-49	1157	39.53
		groups	(34.10/0)	50-49 50-64	839	39.33 28.66
				65 or	425	14.52
					420	14.52
70	aga 7	esterories N re	1590	more 18-29	506	17.29
79	age_7	categoricaAge	1520			
		groups	(34.18%)	30-49 50-64	1157	39.53
					839	28.66
				65 or	425	14.52
90	:1 1		1500	more Left	F09	20.20
80	ideo_1	categoricaPolitical			583	20.38
		identifi-	(35.66%)	Center	604	21.11
		cation		Right	$409 \\ 1265$	14.30
				Does	1200	44.22
				not		
01	idaa 9	antoromica Political	1506	identify Left	509	20.20
81	ideo_2	categoricaPolitical identifi-	1586 (35.66%)	Center	583 604	20.38 21.11
			(30.0070)			
		cation		Right	409	14.30
				Does	1265	44.22
				not identify		
82	ideo_3	antoromica Political	1506	identify Left	583	20.38
02	ideo_5	categoricaPolitical identifi-	1586 (35.66%)	Center	604	21.11
		cation	(33.0070)		409	14.30
		Cation		Right	1265	
				Does	1200	44.22
				not		
83	ideo_4	categoricaPolitical	1586	identify Left	583	20.38
00	100_4	identifi-	(35.66%)	Center	604	21.11
		cation	(55.0070)	Right	409	14.30
		Cation		Does	1265	44.22
				not	1400	44.44
				identify		
				иенину		

84	ideo_5	categoricaPolitical identifi- cation	1586 (35.66%)	Left Center Right Does not identify	583 604 409 1265	20.38 21.11 14.30 44.22
85	ideo_6	categoricaPolitical identifi- cation	1586 (35.66%)	Left Center Right Does not identify	583 604 409 1265	20.38 21.11 14.30 44.22
86	ideo_7	categoricaPolitical identifi- cation	1586 (35.66%)	Left Center Right Does not identify	583 604 409 1265	20.38 21.11 14.30 44.22

names(df_study1_long) #check names of long dataset

```
[1] "idencuesta" "muestra" "ola"
[4] "ponderador_long_total" "segmento" "estrato"
[7] "just_pension" "class" "merit_effort"
[10] "merit_talent" "educ" "educyear"
[13] "sex" "age" "ideo"
```

[1] 31129 15

```
# Original dataset with 7 waves
df_study2_long <- df_study1_long

# filter the dataset for the waves 1 to 4 and 6 to 7
df_study1_long <-
df_study1_long %>%
    filter(ola %in% c(1,2,3,4,6,7)) %>%
    mutate(ola=factor(ola,levels = 1:7,labels = 1:7))
dim(df_study1_long) #check, now is OK
```

[1] 26682 15

```
# df_study1_long <-
# set_label(x = df_study1_long,
# label = get_label(select(df_study1,names(df_study1_long))))

#_____
# obtain the idencuesta for wave 7
ids <-
elsoc_long_2016_2023 %>%
select(idencuesta,ola) %>%
filter(ola==7) %>%
sjmisc::frq(idencuesta,show.na = F) %>% as.data.frame()

# filter data by the idencuesta of t7
df_study1_long_t7 <-
df_study1_long_t7 <-
df_study1_long_t7 ids%val)

names(df_study1_long_t7)</pre>
```

[1] "idencuesta" "muestra" "ola"

```
[4] "ponderador long total" "segmento"
                                                    "estrato"
 [7] "just_pension"
                            "class"
                                                    "merit effort"
[10] "merit_talent"
                            "educ"
                                                    "educyear"
                                                    "ideo"
[13] "sex"
                            "age"
dim(df_study1_long_t7)
[1] 16356
            15
sjmisc::frq(df_study1_long_t7$ola)
x <categorical>
\# total N=16356 valid N=16356 mean=3.83 sd=2.11
          N | Raw % | Valid % | Cum. %
   1 | 2726 | 16.67 | 16.67 | 16.67
   2 | 2726 | 16.67 | 16.67 | 33.33
   3 | 2726 | 16.67 | 16.67 | 50.00
   4 | 2726 | 16.67 | 16.67 | 66.67
   5 | 0 | 0.00 | 0.00 | 66.67
   6 | 2726 | 16.67 |
                      16.67 | 83.33
   7 | 2726 | 16.67 | 16.67 | 100.00
 <NA> | 0.00 |
                       <NA> |
                                  <NA>
save(df_study1_long,file = here::here("input/data/proc/df_study1_long.RData"))
save(df_study1_long_t7,file = here::here("input/data/proc/df_study1_long_t7.RData"))
save(df_study2_long,file = here::here("input/data/proc/df_study2_long.RData"))
```