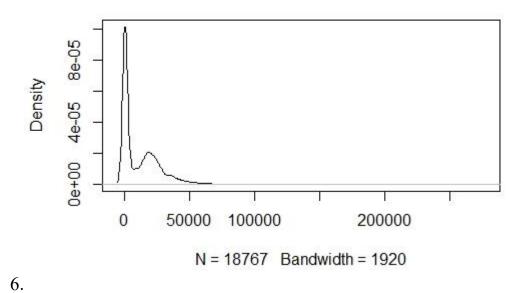
Homework 1

- 1. 10498
- 2. 3374
- 3. 25510
- 4. 2765

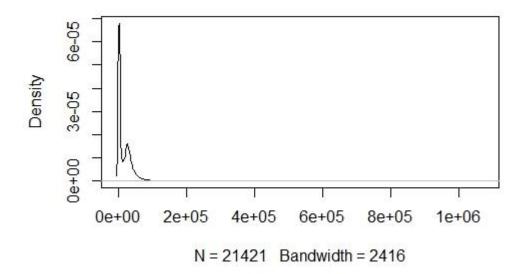
	.id	label	variable	Female	Male
1	profession				19 (63.33%
				•	
	profession				57 (65.52%
	profession				19 (70.37%
	profession				78 (72.90%
	profession			63 (22.83%	· ·
	profession			•	114 (63.69
	profession			, ,	48 (85.71%
	profession			•	98 (59.04%
9	profession	profession	33	85 (44.27%	107 (55.73
10	profession	profession	34	184 (56.44	142 (43.56
11	profession	profession	35	50 (45.87%	59 (54.13%
12	profession	profession	37	179 (40.77	260 (59.23
13	profession	profession	38	78 (17.49%	368 (82.51
14	profession	profession	42	258 (70.11	110 (29.89
15	profession	profession	43	437 (78.88	117 (21.12
16	profession	profession	44	1 (33.33%)	2 (66.67%)
17	profession	profession			95 (38.31%
18	profession	profession	46	410 (54.67	340 (45.33
19	profession	profession	47	82 (16.05%	429 (83.95
	profession				215 (90.72
	profession				169 (17.77
	profession				182 (87.08
	profession				98 (14.37%
	profession			·	101 (22.25
	profession			696 (90.39	
	profession				443 (87.38
	profession				520 (93.69
	profession				246 (89.45
	profession				159 (89.33
	profession				237 (61.72
	profession				177 (59.60
	profession				82 (67.21%
	profession			8167	6949
33	PLOICSSIOL	PLOICSSIOL	ו אור	0107	0343

density.default(x = wage2005)



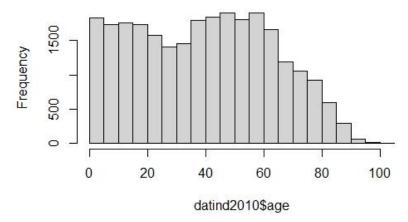
2005: mean=22443, sd=18077, inter-decile=8.90, gini=0.377

density.default(x = wage2019)



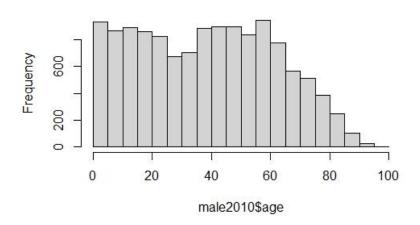
2019: mean=27579, sd=25107, inter-decile=13.86, gini=0.399

Histogram of datind2010\$age

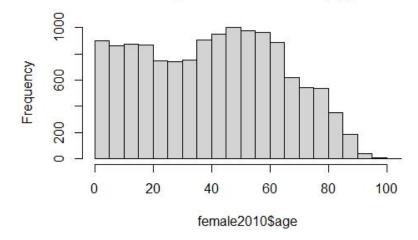


7.

Histogram of male2010\$age



Histogram of female2010\$age



There are fewer men around 30 years old. There are more elder men.

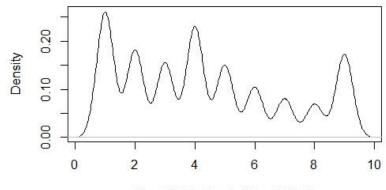
8.3514

Exercise 2

- 1.
- 2.
- 3. idmen, year
- 4.
- 5. 12436
- 6. 17241
- 7.7586
- 8. 209382
- 9.51904
- 10. 2007: 2207811124040100 with 14 members;
- 2010: 2510263102990100 with 14 members.
- 11. 8984

Exercise 3

density.default(x = time_spent)

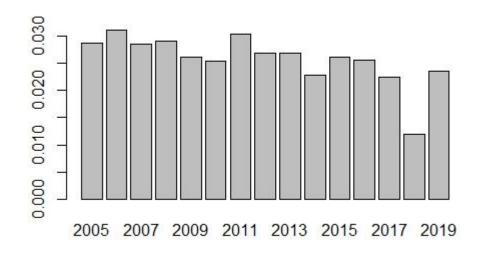


N = 41084 Bandwidth = 0.2842

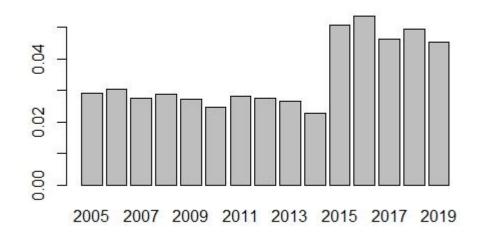
1.

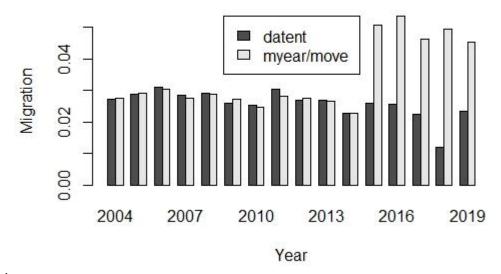
Mean=4.31, sd=2.64.

2. FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE



3. FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE





4.
I prefer the first method, since the other one involves "myear" and "move", which creates inconsistency.

5. 3369

Exercise 4

	Year	percent.At
1	2005	-4.92%
2	2006	-1.30%
3	2007	-2.00%
4	2008	-0.07%
5	2009	-0.63%
6	2010	-1.78%
7	2011	-1.44%
8	2012	-2.24%
9	2013	1.60%
10	2014	-0.19%
11	2015	0.05%
12	2016	-0.22%
13	2017	1.12%
14	2018	1.15%
15	2019	-1.52%