Pages

Columns   has_children

Rows   AVG(Minutes)

Filters

Sheet 1

Marks

Bar

Color   Size   Label

Detail   Tooltip

Activity

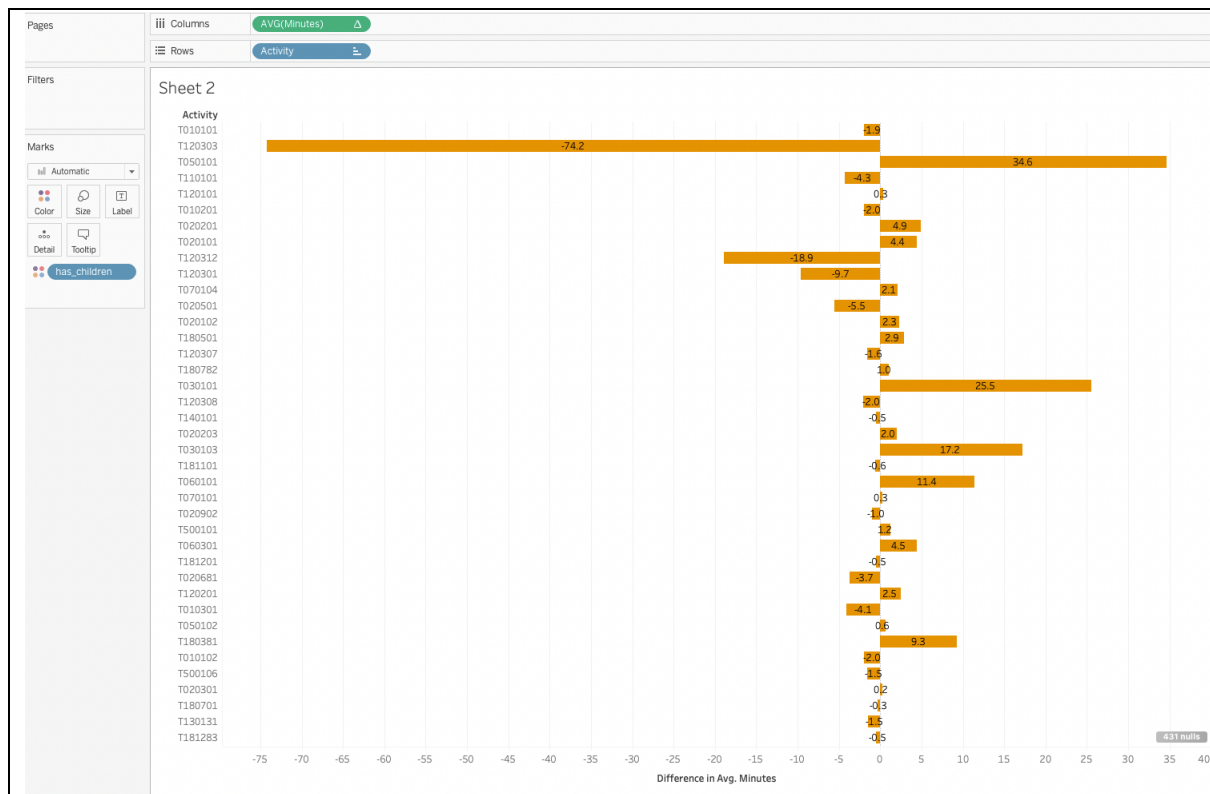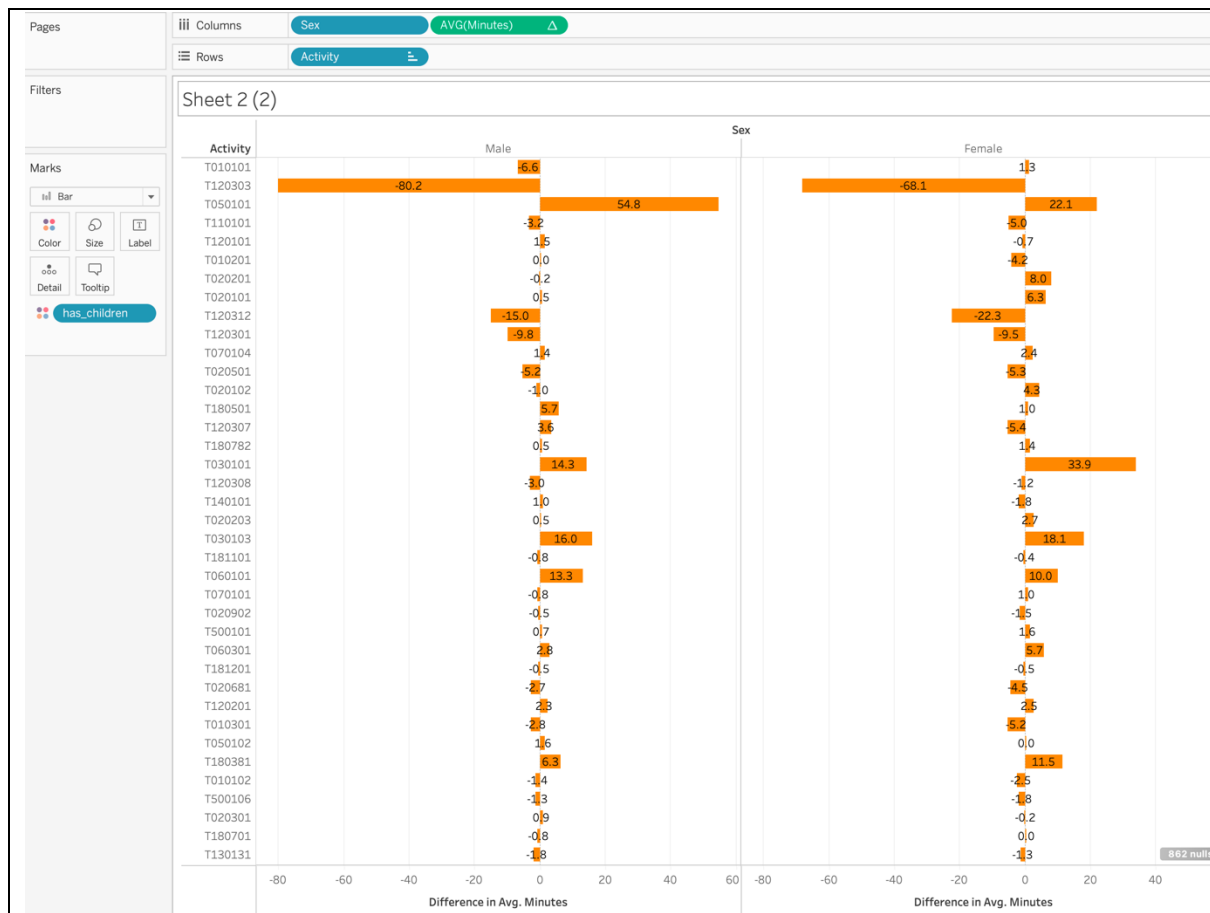Activity

Measure Names

has_children

1. A stacked bar plot with two bars (the bar area encodes the amount of time for each activity), where one is for those with household children and the other one for those without.

Pages			
Columns	AVG(Minutes) △		
Rows	Activity ≡		

Sheet 2

Activity
	Difference
T010101	-1.9
T120303	-74.2
T050101	34.6
T110101	-4.3
T120101	0.3
T010201	-2.0
T020201	4.9
T020101	4.4
T120312	-18.9
T120301	-9.7
T070104	2.1
T020501	-5.5
T020102	2.3
T180501	2.9
T120307	-1.6
T180782	1.0
T030101	25.5
T120308	2.0
T140101	-0.5
T020203	2.0
T030103	17.2
T181101	-0.6
T060101	11.4
T070101	0.3
T020902	-1.0
T500101	1.2
T060301	4.5
T181201	-0.5
T020681	-3.7
T120201	2.5
T010301	-4.1
T050102	0.6
T180381	9.3
T010102	-2.0
T500106	-1.5
T020301	0.2
T180701	-0.3
T130131	-1.5
T181283	-0.5

431 nulls

Difference in Avg. Minutes

2. One bar plot with N bars (the bar area encodes the difference in time between those who have children and those who don't) where each bar is for one activity.

Pages

Filters

Marks

Bar

Color Size Label

Detail Tooltip

has_children

iii Columns: Sex | AVG(Minutes) Δ

☰ Rows: Activity

Sheet 2 (2)

Sex

Activity	Male	Female
T010101	-6.6	1.3
T120303	-80.2	-68.1
T050101	54.8	22.1
T110101	-3.2	-5.0
T120101	1.5	-0.7
T010201	0.0	-4.2
T020201	-0.2	8.0
T020101	0.5	6.3
T120312	-15.0	-22.3
T120301	-9.8	-9.5
T070104	1.4	2.4
T020501	-5.2	-5.3
T020102	-1.0	4.3
T180501	5.7	1.0
T120307	3.6	-5.4
T180782	0.5	1.4
T030101	14.3	33.9
T120308	-3.0	-1.2
T140101	1.0	-1.8
T020203	0.5	2.7
T030103	16.0	18.1
T181101	-0.8	-0.4
T060101	13.3	10.0
T070101	-0.8	1.0
T020902	-0.5	-1.5
T500101	0.7	1.6
T060301	2.8	5.7
T181201	-0.5	-0.5
T020681	-2.7	-4.5
T120201	2.3	2.5
T010301	-2.3	-5.2
T050102	1.6	0.0
T180381	6.3	11.5
T010102	-1.4	-2.5
T500106	-1.3	-1.8
T020301	0.9	-0.2
T180701	-0.8	0.0
T130131	-1.8	-1.3

Difference in Avg. Minutes   Difference in Avg. Minutes

862 nulls

3. Two bar plots, each with N bars (the bar area encodes the difference in time between those who have children and those who don't) where each bar is for one activity, for the female and the male. The bar is sorted by the absolute amount of time on each activity.
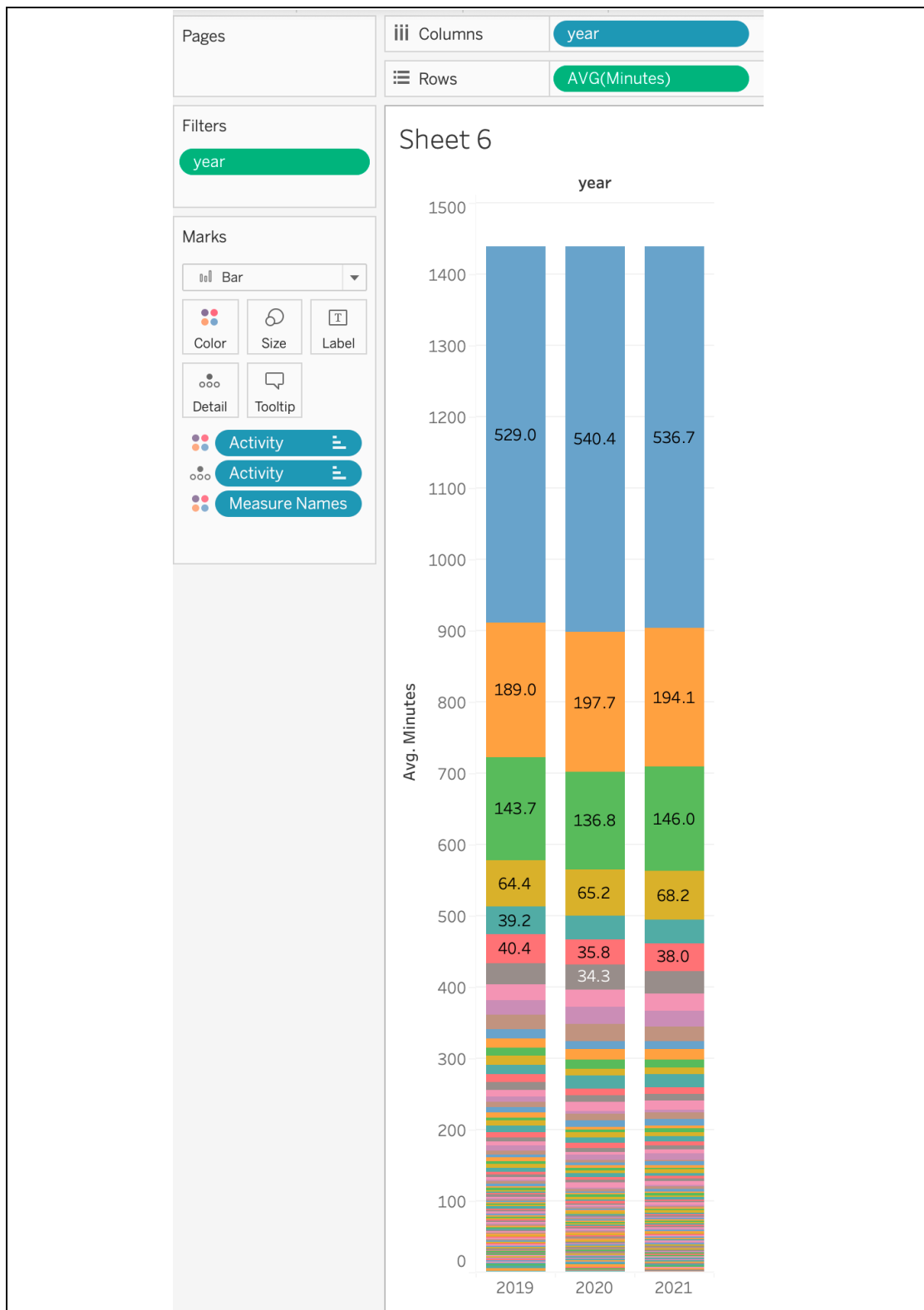
Columns	has_children	Sex

Rows	AVG(Minutes)

Sheet 3

has_children / Sex

	No Child		Have Child(ren)	
	Male	Female	Male	Female
	524.6	529.5	518.0	530.8
	226.7	191.2	146.5	123.1
	161.1	112.2	215.8	134.3
	70.6	67.4	67.4	62.4
	37.7	42.8	39.1	42.1
		48.2		44.0
				41.0
				38.2

Avg. Minutes

4. A stacked bar plot with four bars (the bar area encodes the amount of time for each activity) for the four subgroups – male/female with/without children

5. A (unstacked) bar plot with four bars (encoding the "sleeping time", "TV time", "work time") for the four subgroups – male/female with/without children
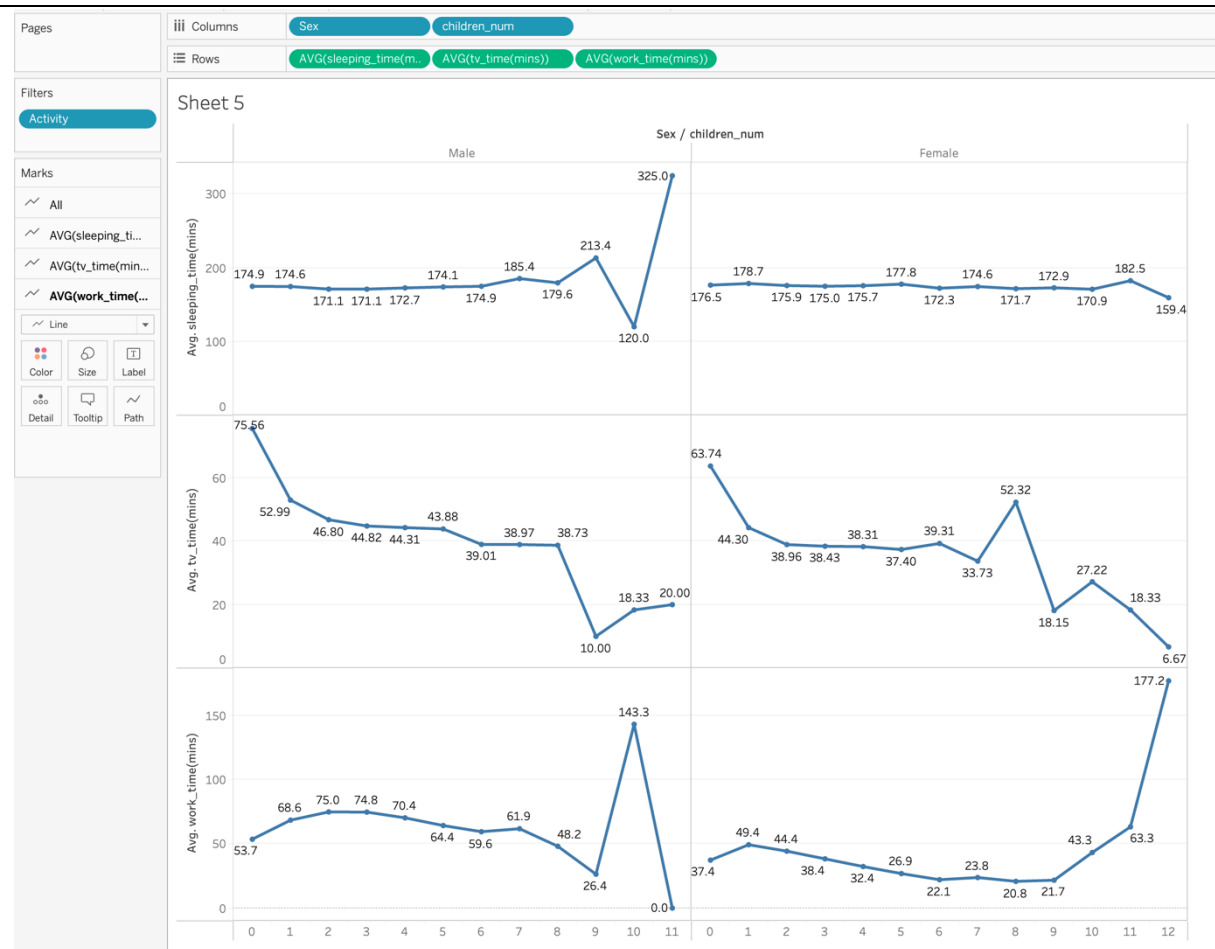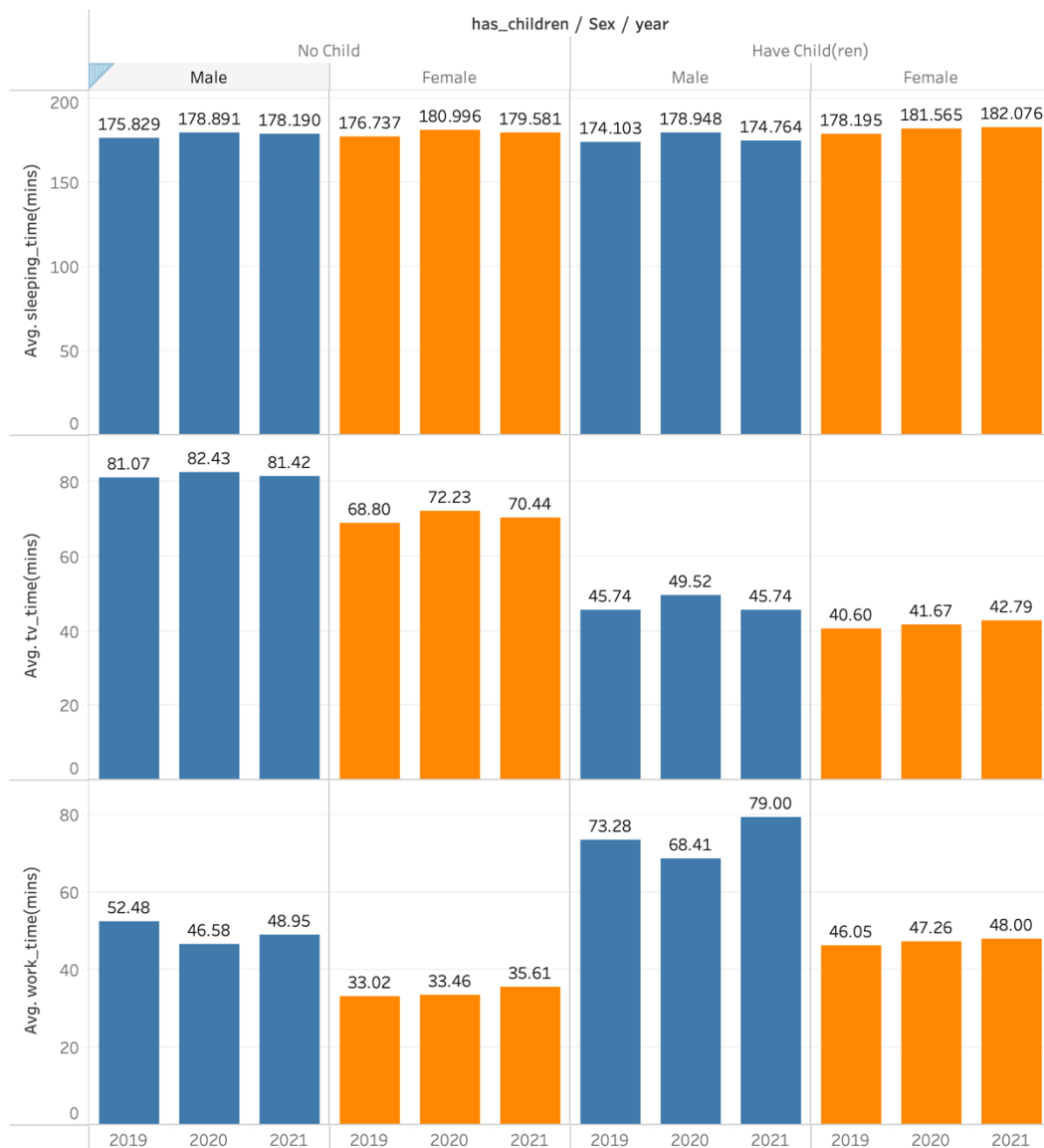
6. A line plot with two lines (x-axis: number of children, y-axis: sleeping time, TV time, working time) for two groups – male and female

Pages

Columns | year

Rows | AVG(Minutes)

Filters
year

Sheet 6

year

Marks

Bar

| Color | Size | Label |
| Detail | Tooltip |

Activity
Activity
Measure Names

Avg. Minutes

year	2019	2020	2021
	529.0	540.4	536.7
	189.0	197.7	194.1
	143.7	136.8	146.0
	64.4	65.2	68.2
	39.2		
	40.4	35.8	38.0
		34.3	

7. A stacked bar plot with three bars (the bar area encodes the amount of time for each activity), where one is for 2019 (pre-pandemic), another one 2020 (pandemic), and another for 2021 (pandemic)

Sheet 4 (2)

has_children / Sex / year

| No Child | Have Child(ren) |
| Male | Female | Male | Female |

Avg. sleeping_time(mins):
- No Child, Male: 175.829 (2019), 178.891 (2020), 178.190 (2021)
- No Child, Female: 176.737 (2019), 180.996 (2020), 179.581 (2021)
- Have Child, Male: 174.103 (2019), 178.948 (2020), 174.764 (2021)
- Have Child, Female: 178.195 (2019), 181.565 (2020), 182.076 (2021)

Avg. tv_time(mins):
- No Child, Male: 81.07 (2019), 82.43 (2020), 81.42 (2021)
- No Child, Female: 68.80 (2019), 72.23 (2020), 70.44 (2021)
- Have Child, Male: 45.74 (2019), 49.52 (2020), 45.74 (2021)
- Have Child, Female: 40.60 (2019), 41.67 (2020), 42.79 (2021)

Avg. work_time(mins):
- No Child, Male: 52.48 (2019), 46.58 (2020), 48.95 (2021)
- No Child, Female: 33.02 (2019), 33.46 (2020), 35.61 (2021)
- Have Child, Male: 73.28 (2019), 68.41 (2020), 79.00 (2021)
- Have Child, Female: 46.05 (2019), 47.26 (2020), 48.00 (2021)

8. A (unstacked) bar plot (encoding the "sleeping time", "TV time", "work time") for the four subgroups – male/female with/without children, across 3 years (2019, 2020, 2021)