

29 November 2022

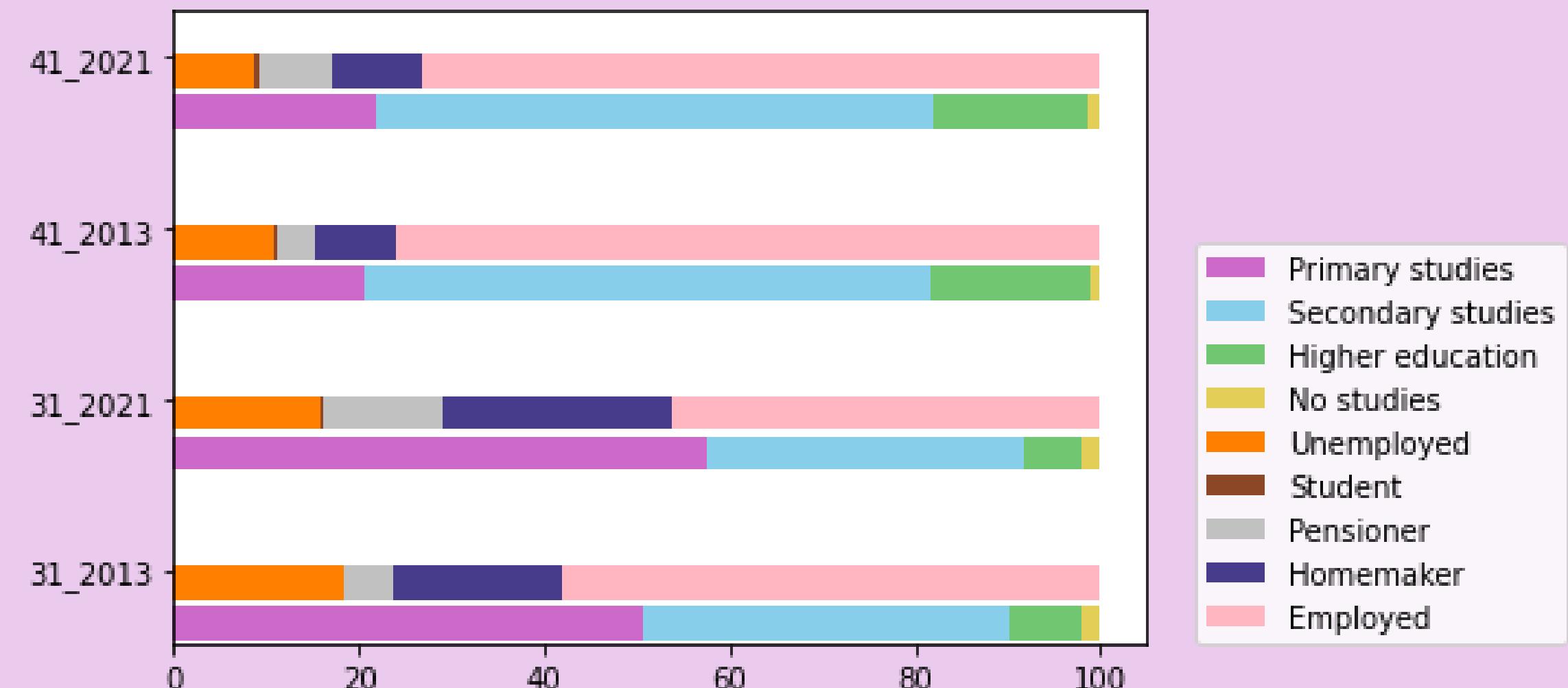
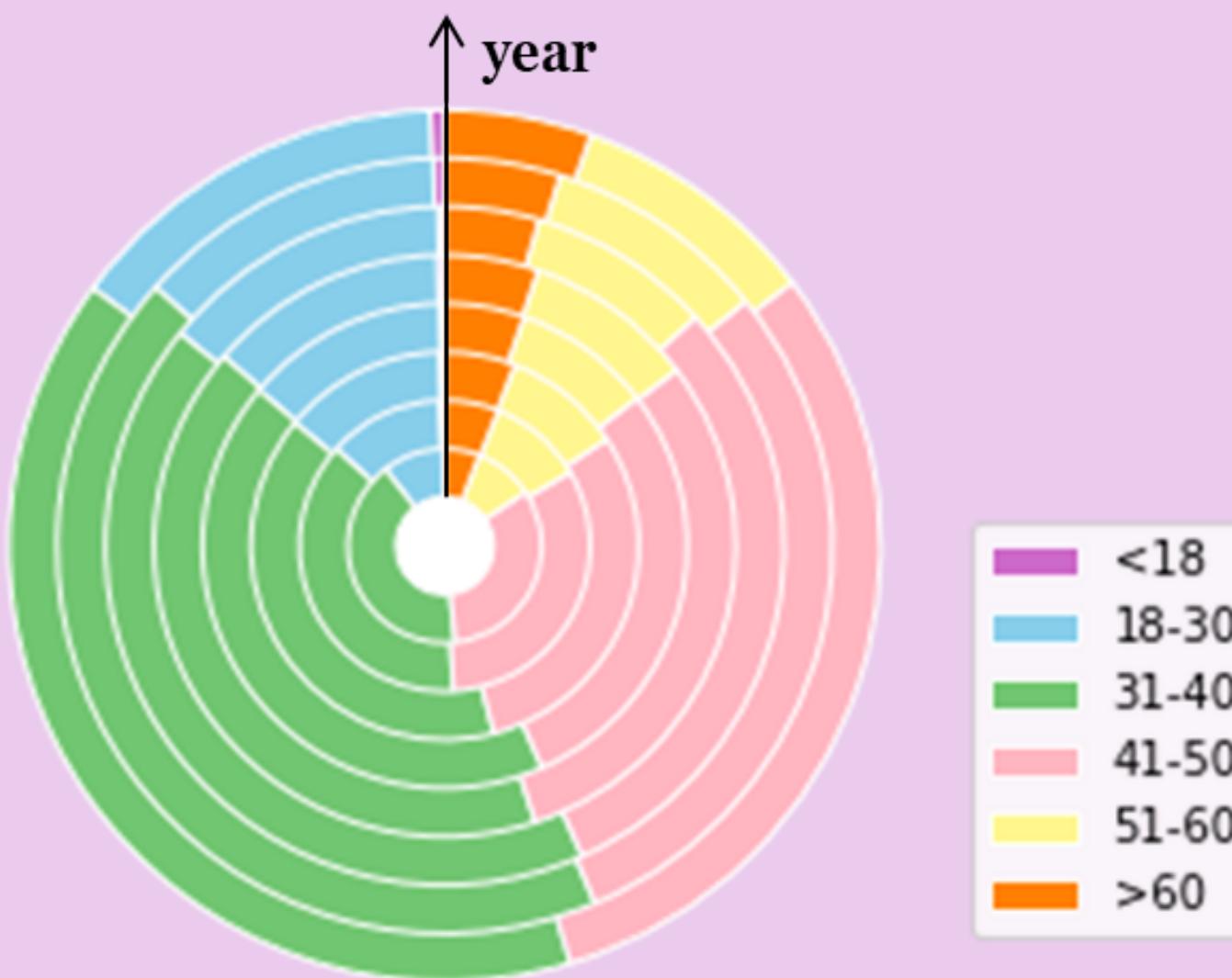
HELPLINE AGAINST GENDER VIOLENCE

**Characterisation of the victim and identification of the
most frequent social, temporal and economic
situations in gender-based violence**

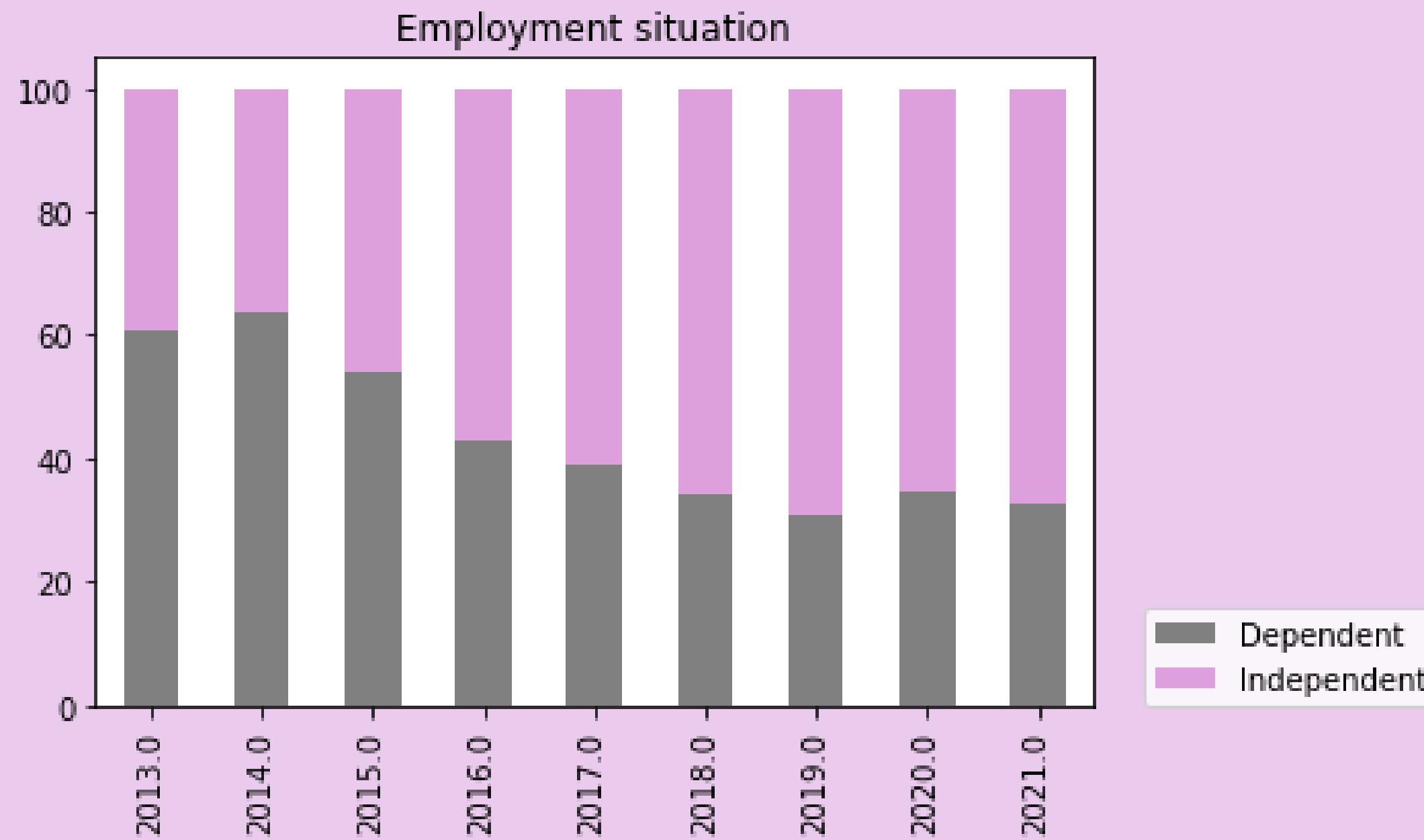
by Javi Castillo, Emma Oriol, Lucas Pérez & Mireia Olives

900
900
120

CHARACTERISATION OF GENDER-BASED VIOLENCE VICTIMS



IS ECONOMIC INDEPENDENCE LINKED TO THE TYPE OF VIOLENCE RECEIVED? AND TO THE PERIOD OF TIME OF RELATIONSHIP WITH THE AGGRESSOR?

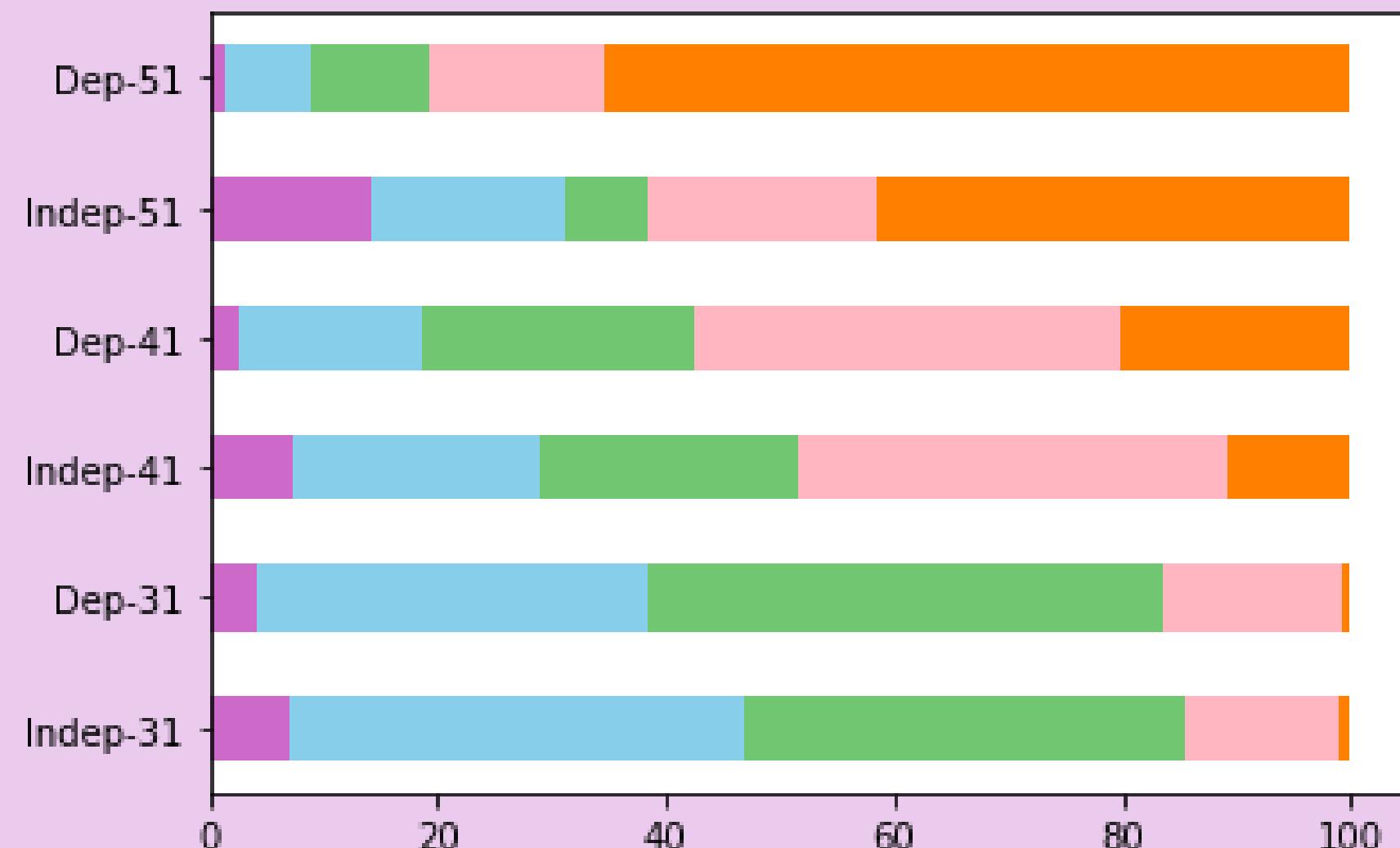




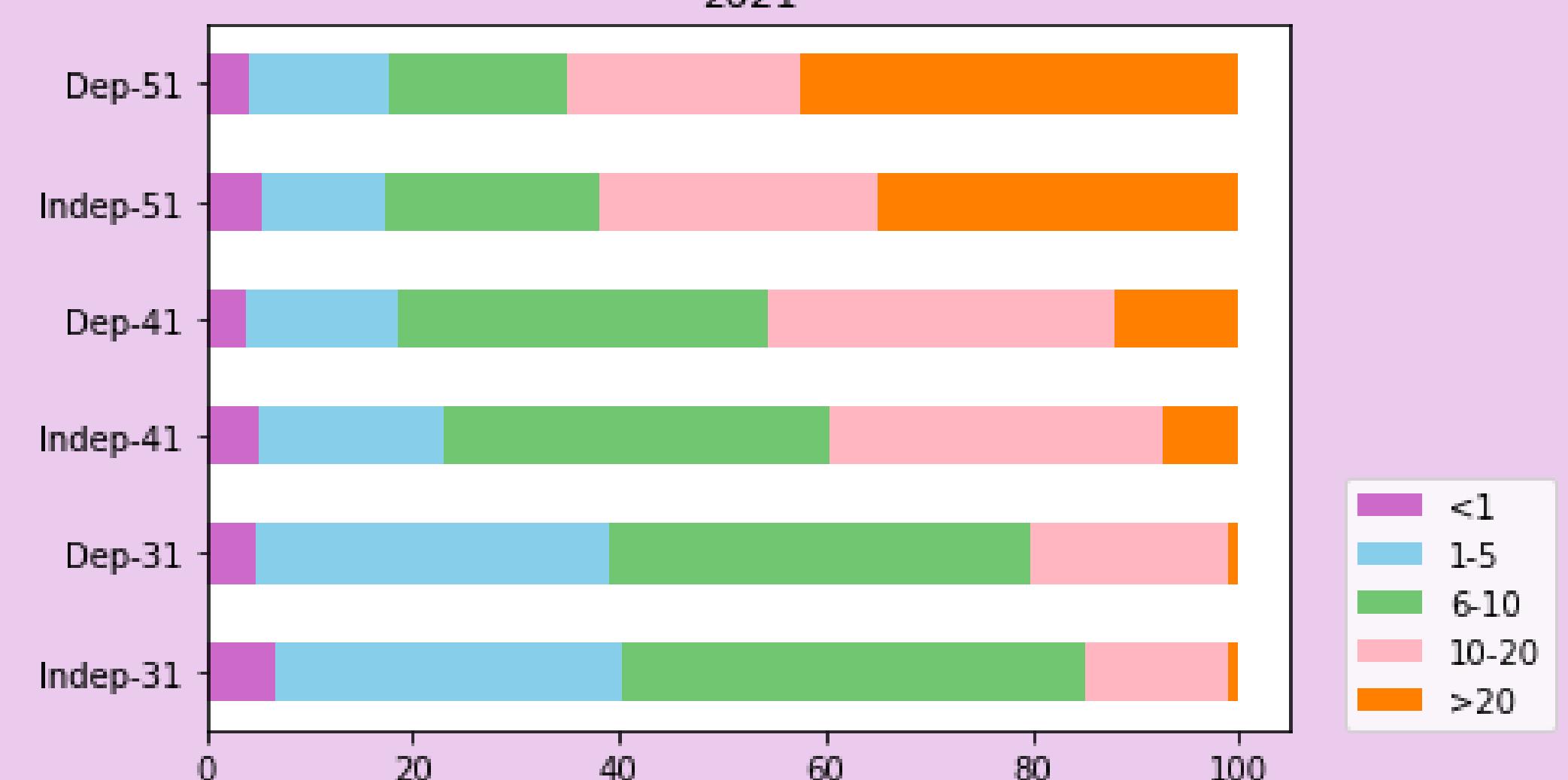
+ frequent in both cases → **Psychological violence**

Less autonomy → + Physical and sexual violence (+ intensify in 18-31 years)

2013



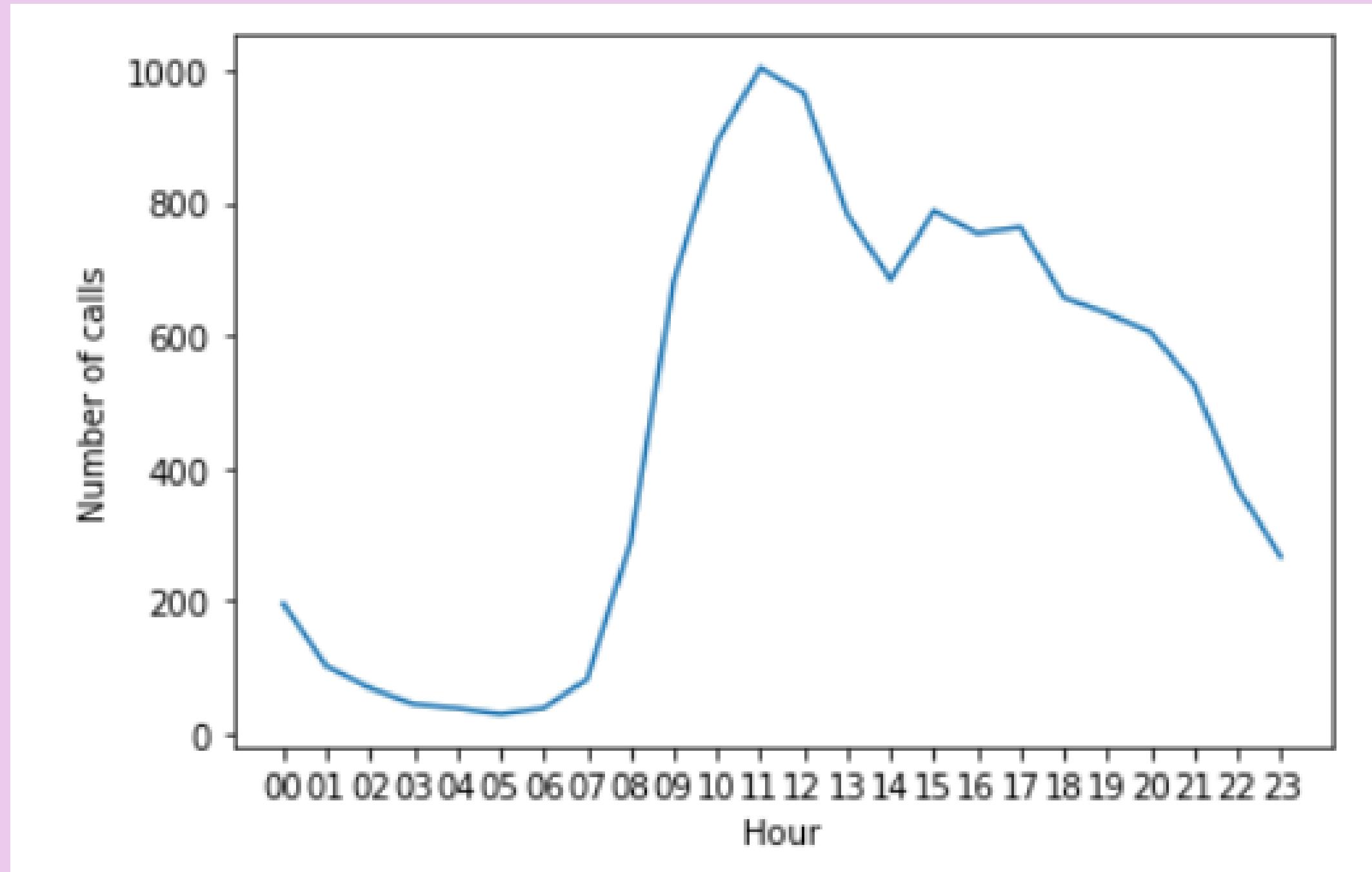
2021



Less autonomy → **Longer relationship with the aggressor**

More autonomy → **+ varied and equitable**

At what times do most calls occur?



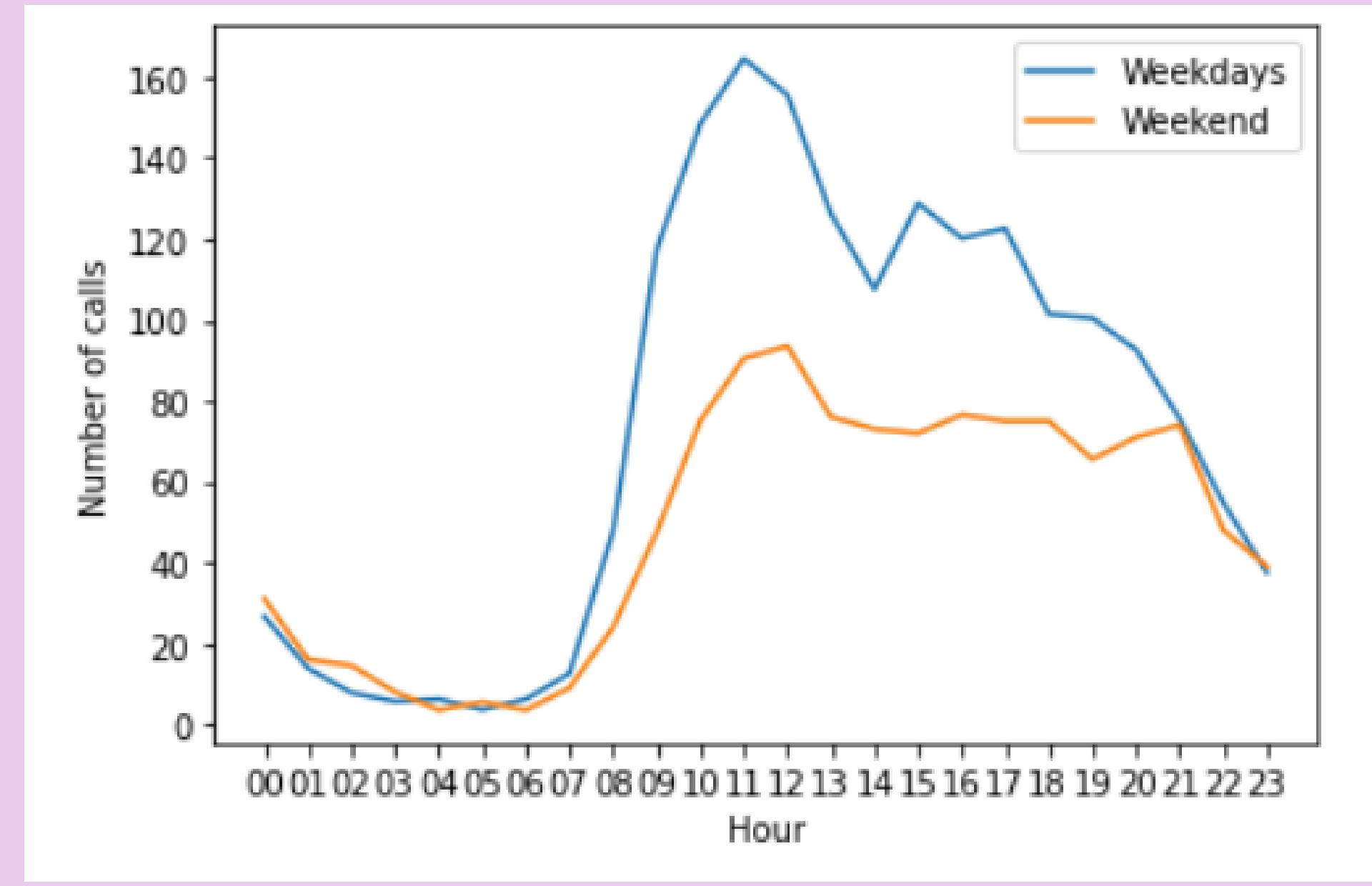
Curve of time in 2014

More frequent in the morning



the aggressor goes to work?

Is there a difference between weekdays and weekends?



Average: Weekdays vs Weekend

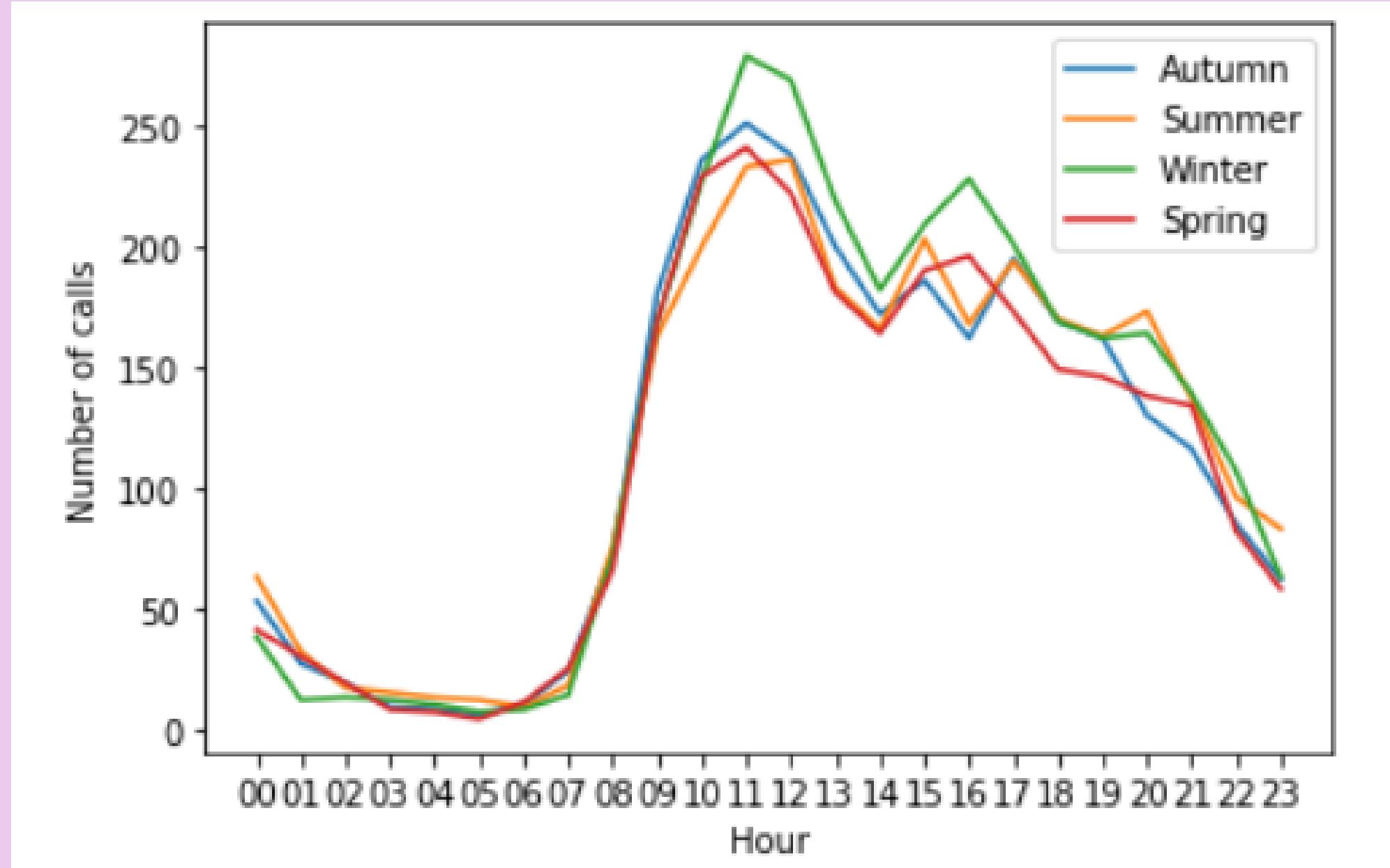
More frequent during weekdays



More time together?

Afternoon calls are more frequent on weekends

Are there differences between seasons?



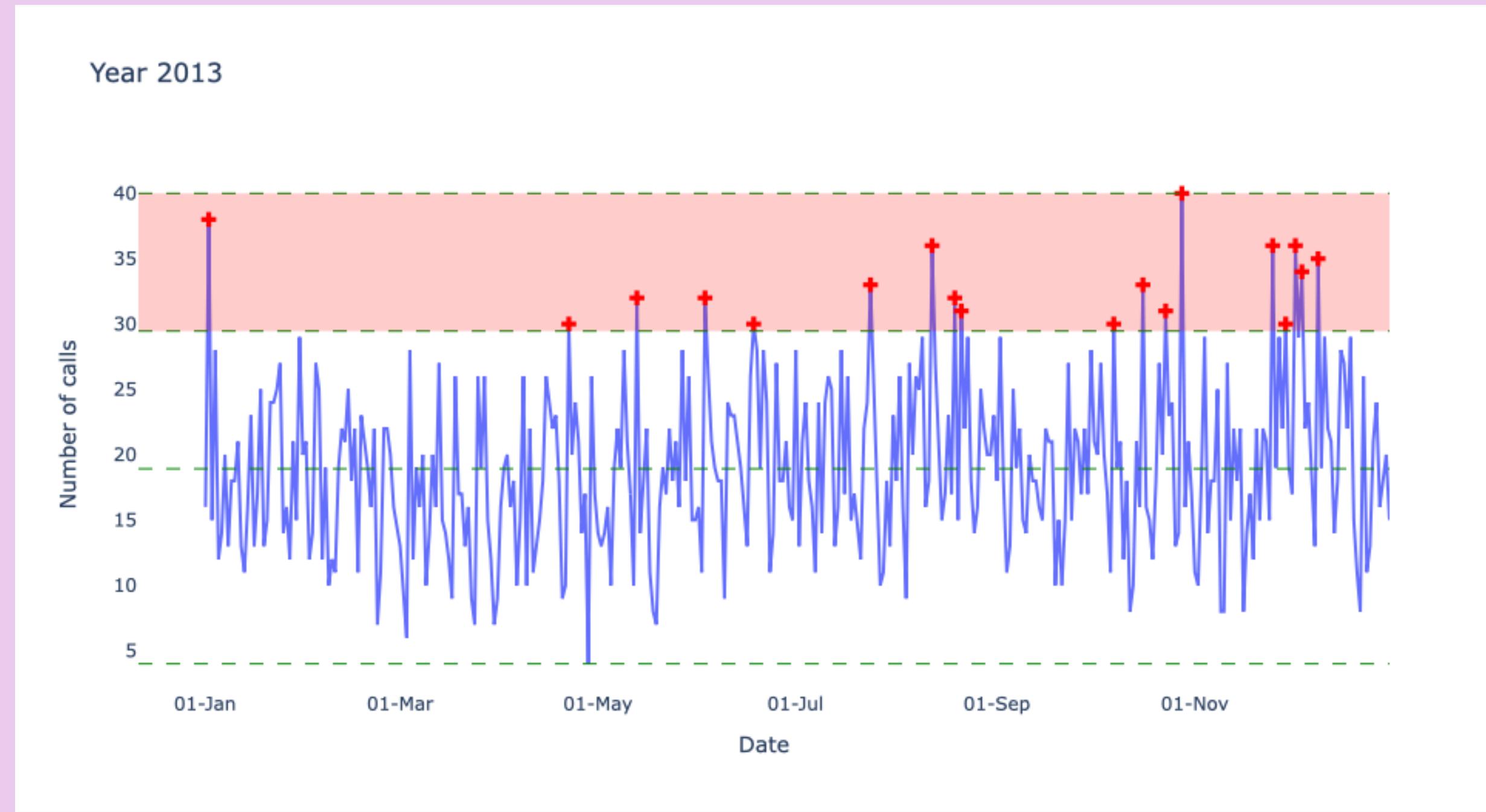
Amount of calls in each season

More calls in winter

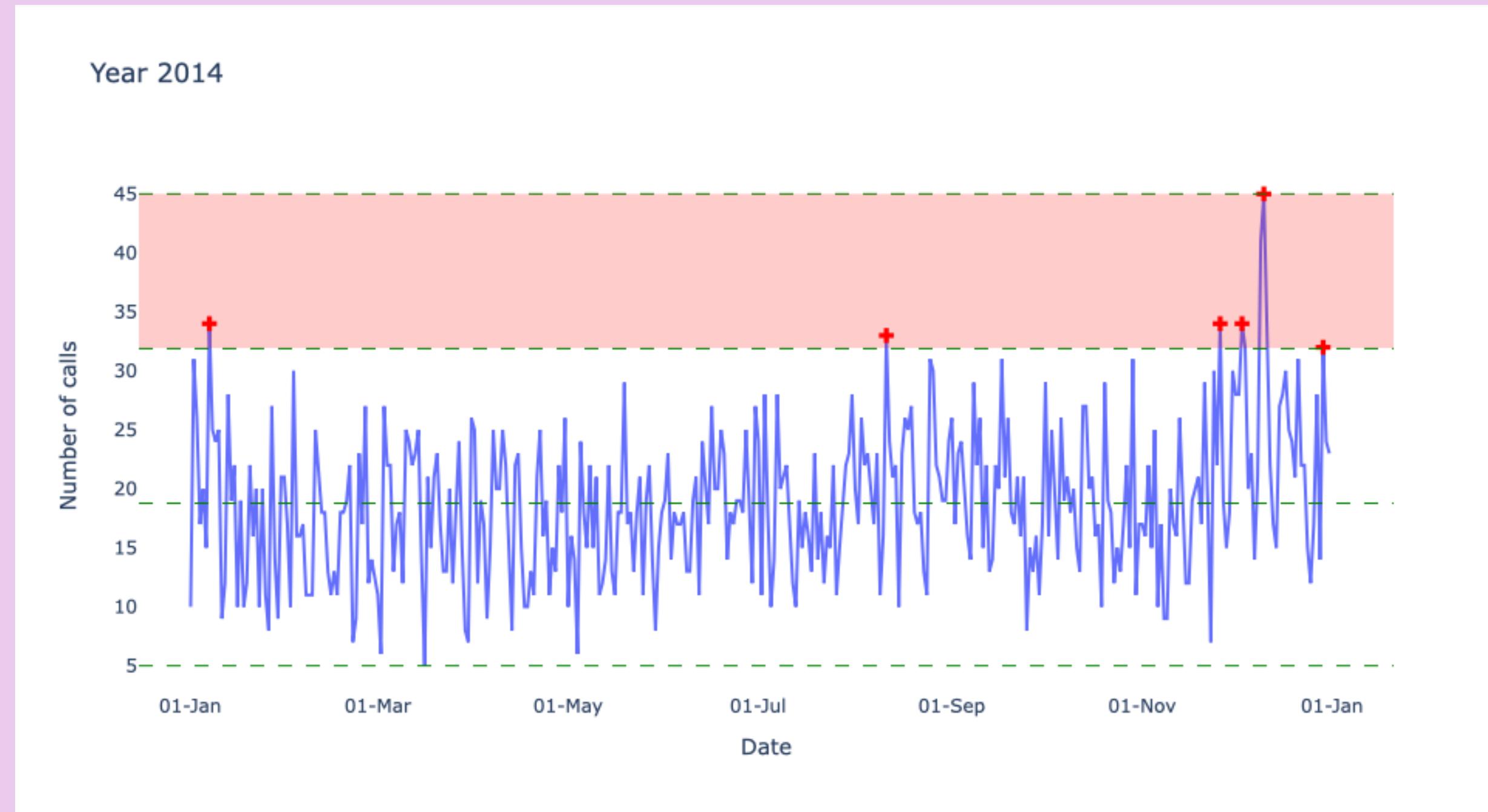


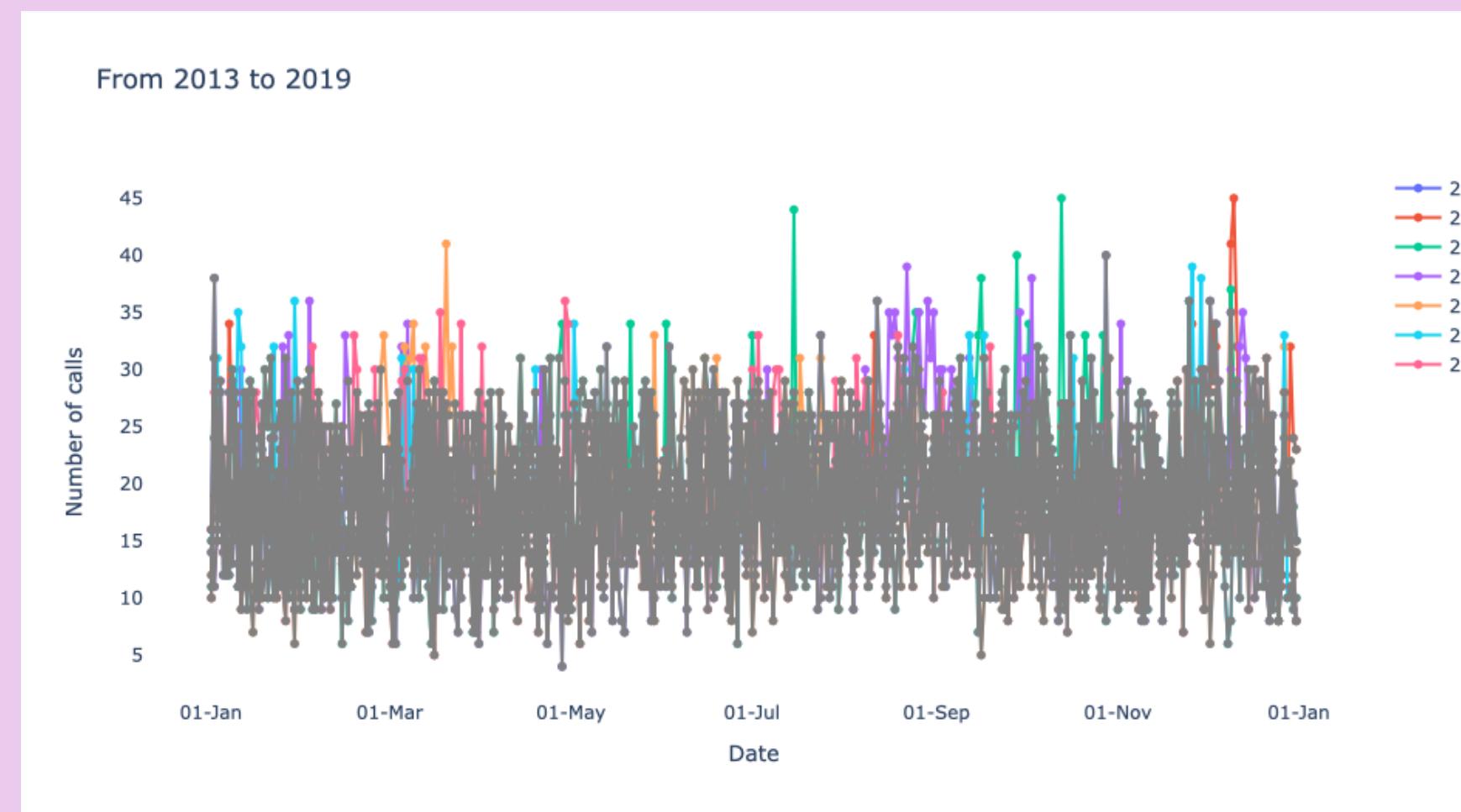
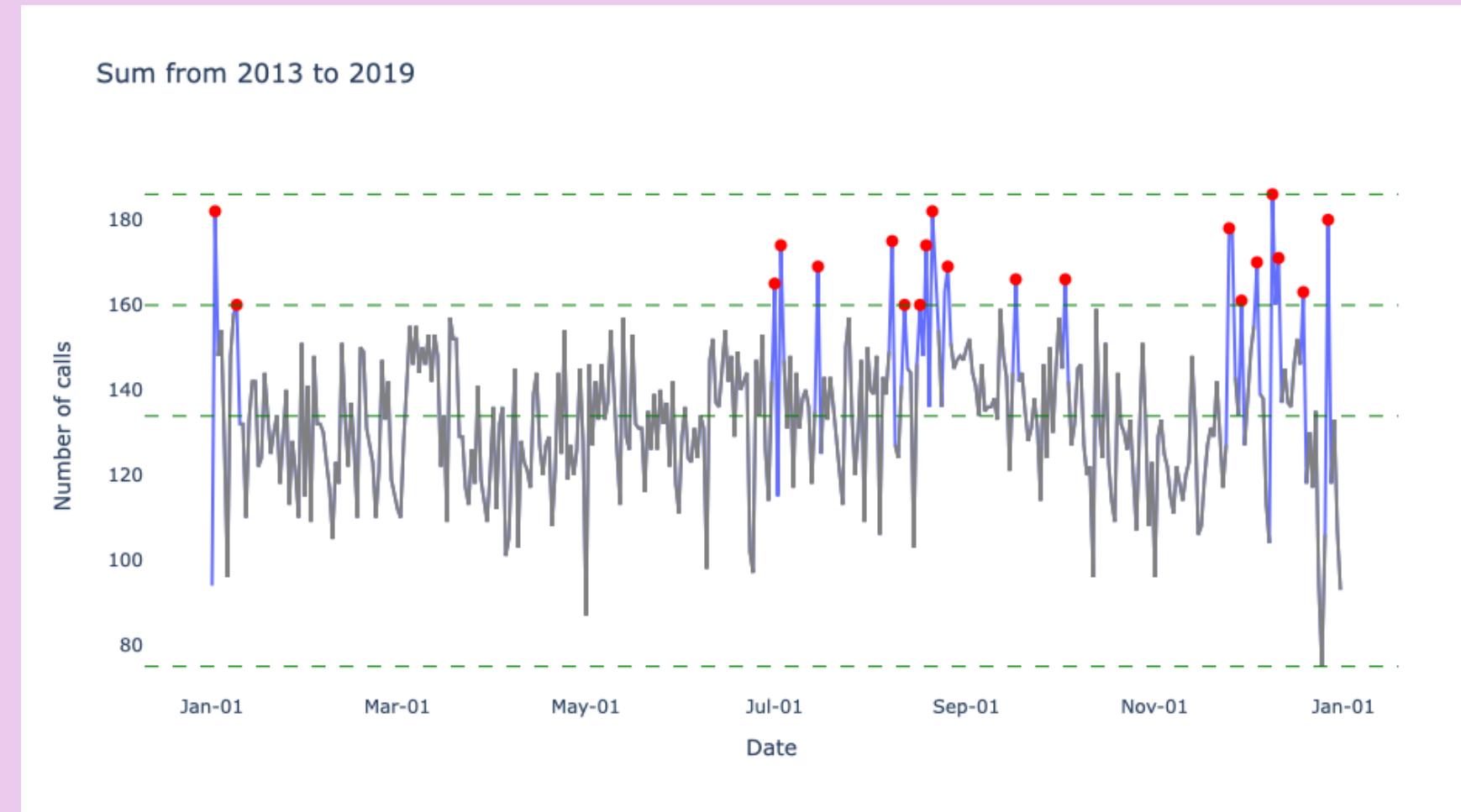
Does bad weather affect?

Are there specific dates where the number of calls peaks?



Are there specific dates where the number of calls peaks?

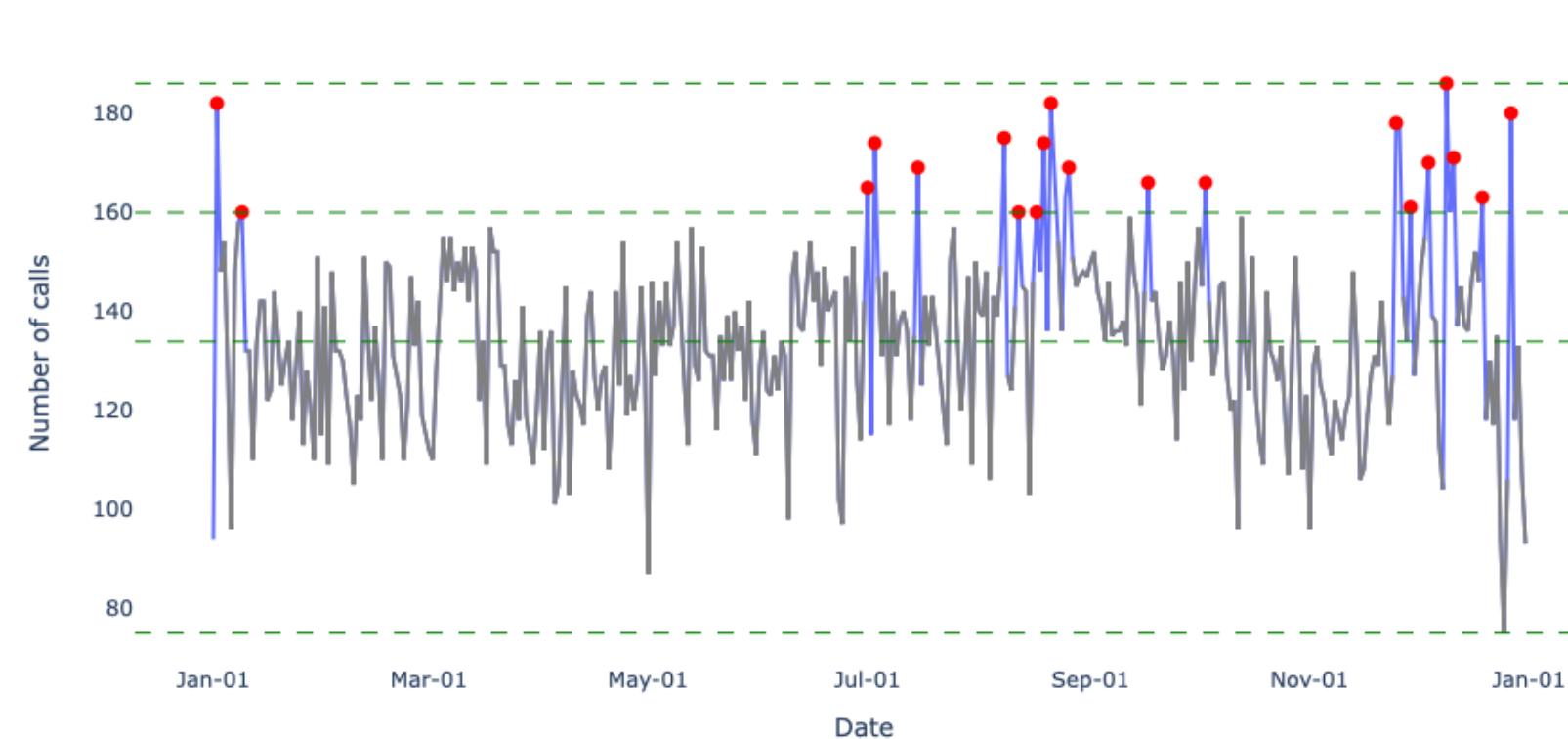




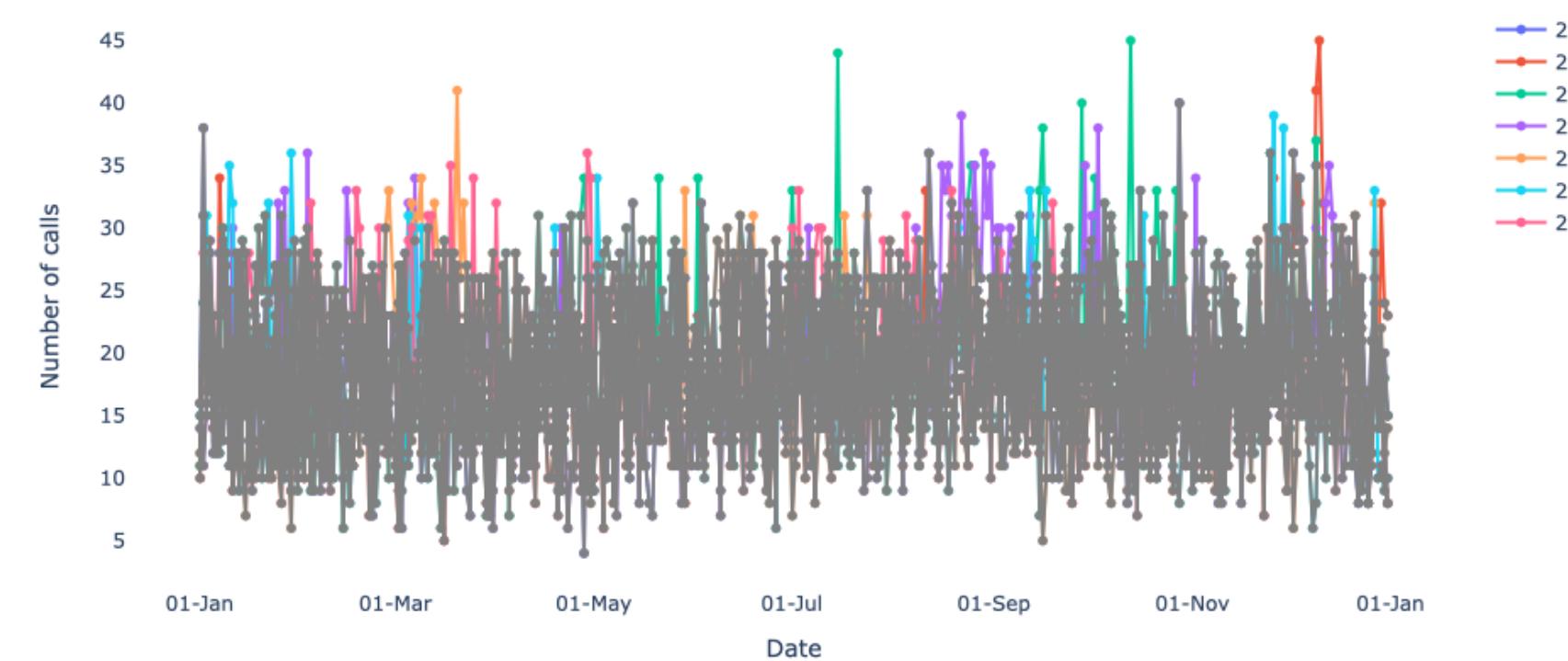
Most calls

- **9-10th December (45 calls)**
- **2nd January and 21st August**
- **27th December**
- **25th November**

Sum from 2013 to 2019



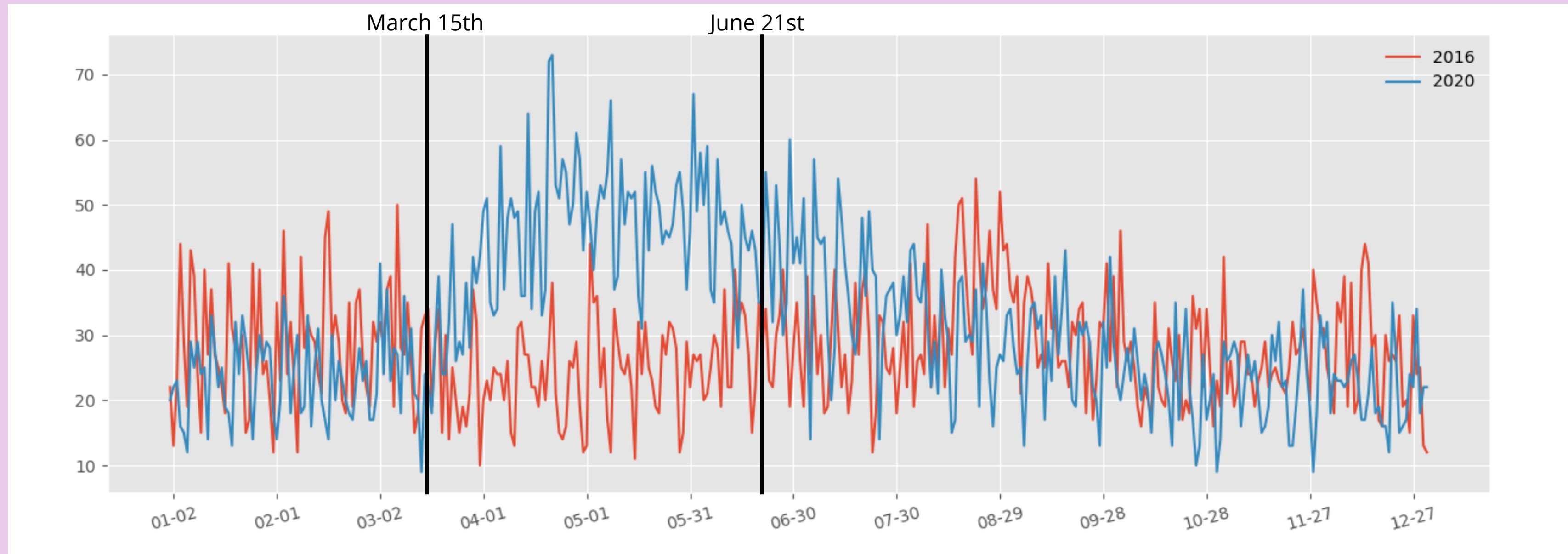
From 2013 to 2019



ARE THERE SPECIFIC
DATES WHERE THE
NUMBER OF CALLS
PEAKS?

- Quite stable
(although very variable)
- Peaks on December holidays
- Peaks on holidays
- 25 November: talking about it matters

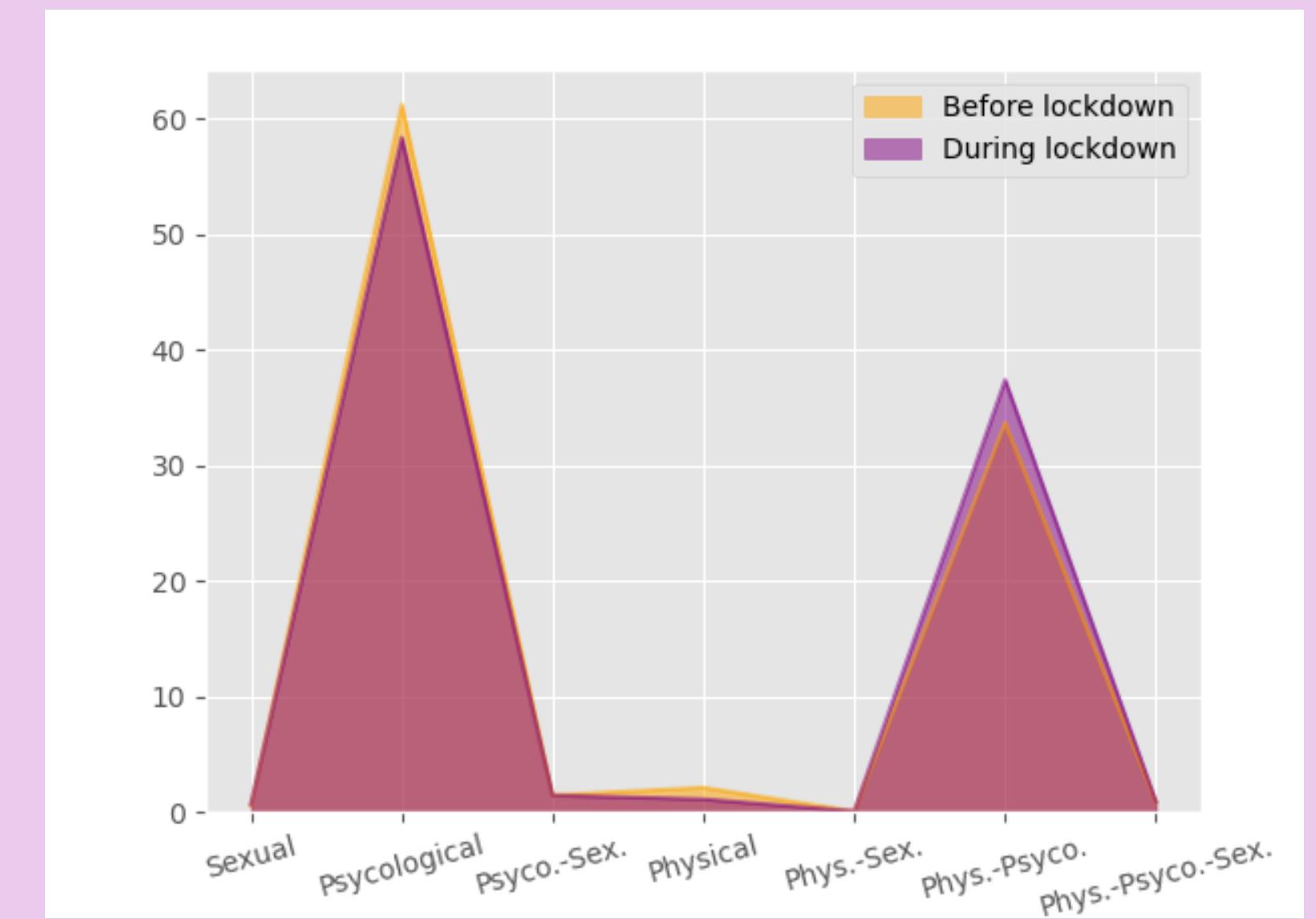
HOW DID THE LOCKDOWN AFFECT THE NUMBER AND THE REASON OF CALLS?



Daily calls (on average):

- Before the lockdown: 31/day
- During the lockdown: 55/day

**THE INCOMING CALLS
INCREASED ON AVERAGE A 79%**



- Potential victims slightly more concerned
- Increasing of hybrid violence

BIBLIOGRAPHY

- **GITHUB Repository:** https://github.com/JaviCu5/Group1_AVdDM
- Data Set: <https://analisi.transparenciacatalunya.cat/Societat-benestar/L-nia-d-atenci-contra-la-viol-ncia-masclista-900-9/q2sg-894k>
- Some plots:
 - [https://towardsdatascience.com/donut-plot-with-matplotlib-python
be3451f22704](https://towardsdatascience.com/donut-plot-with-matplotlib-python-be3451f22704)
 - <https://www.geeksforgeeks.org/create-a-stacked-bar-plot-in-matplotlib/>
 - <https://www.webucator.com/article/python-color-constants-module/>
 - <https://www.geeksforgeeks.org/creating-horizontal-bar-charts-using-pandas/>