



Bellabeat Case Study

An analysis of FitBit user data

Who uses non-Bellabeat
products?

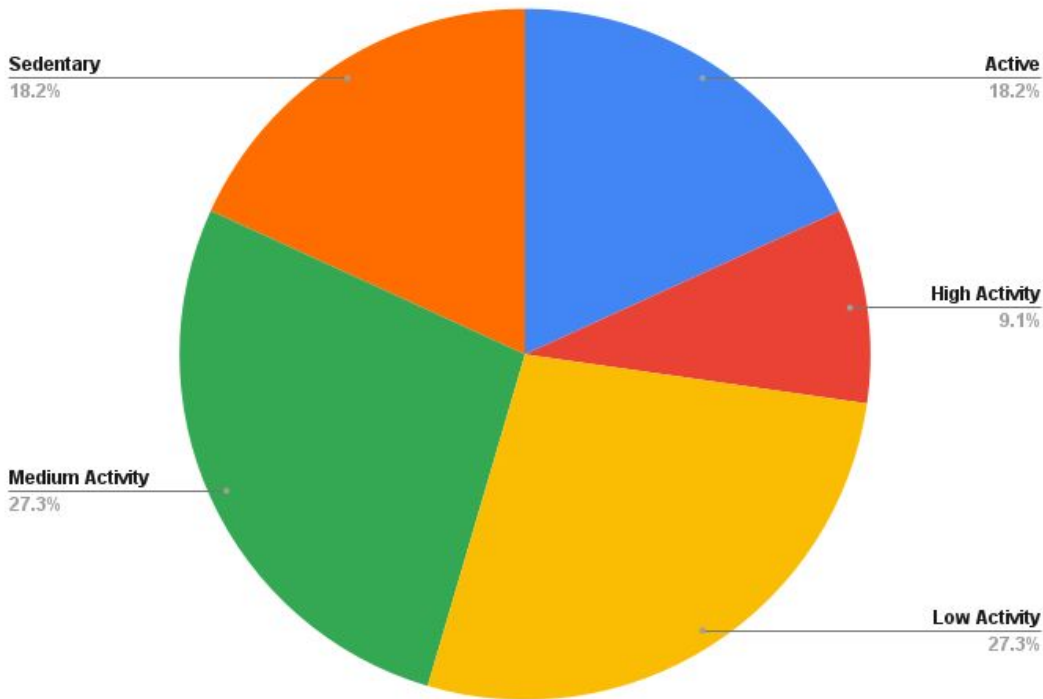


Everyone!

People of all activity levels use Bellabeat

Activity is classified by users average steps

Bellabeat: FitBit User Activity



Over 50% of people are low-medium activity, and 18% are sedentary

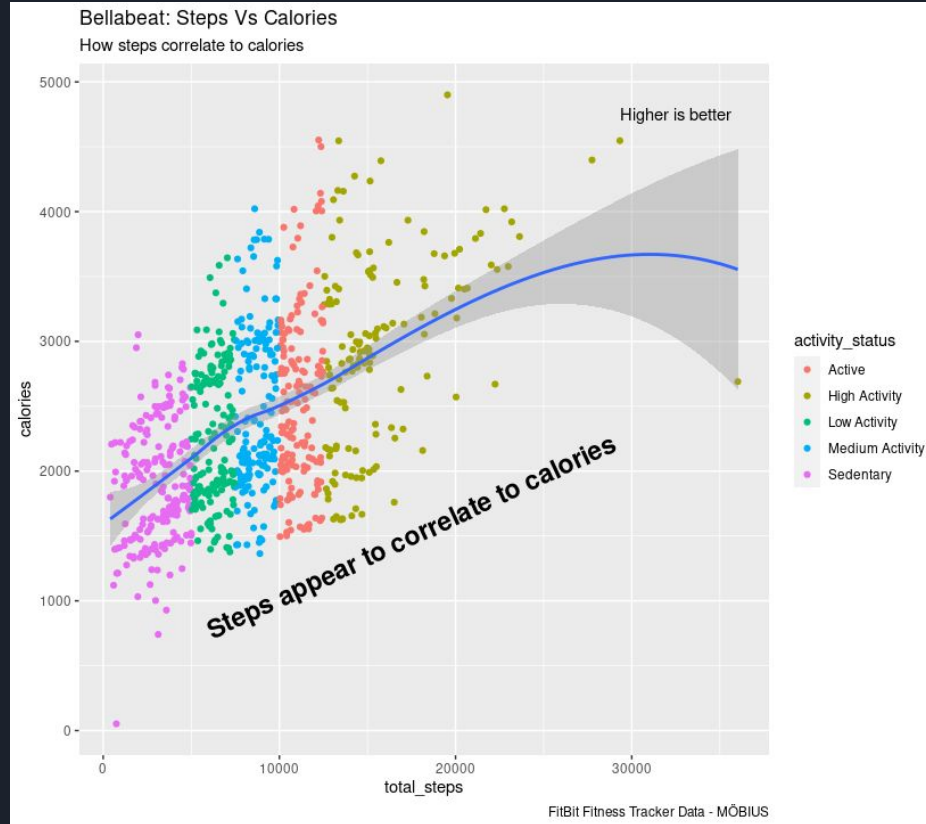
Only 27% of users classify as active or higher

Let's break that down



How do steps relate to calories?

As the steps go up so do calories.



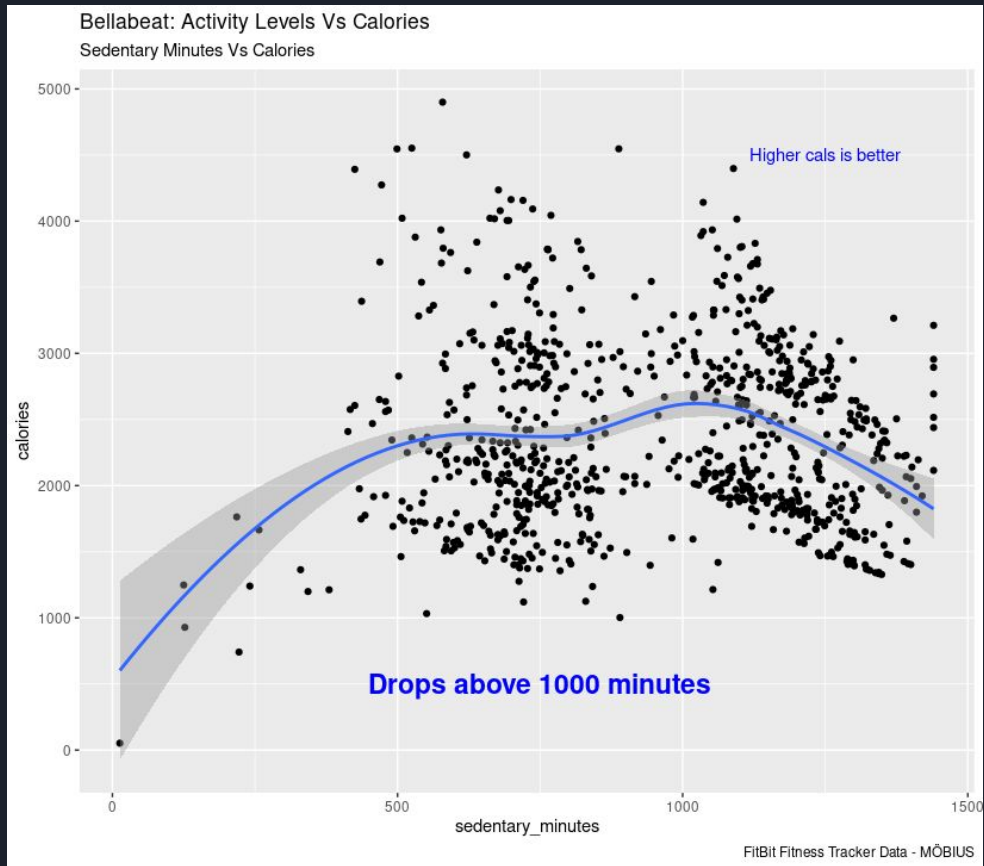
What about other
activity?



Calories and Sedentary Minutes

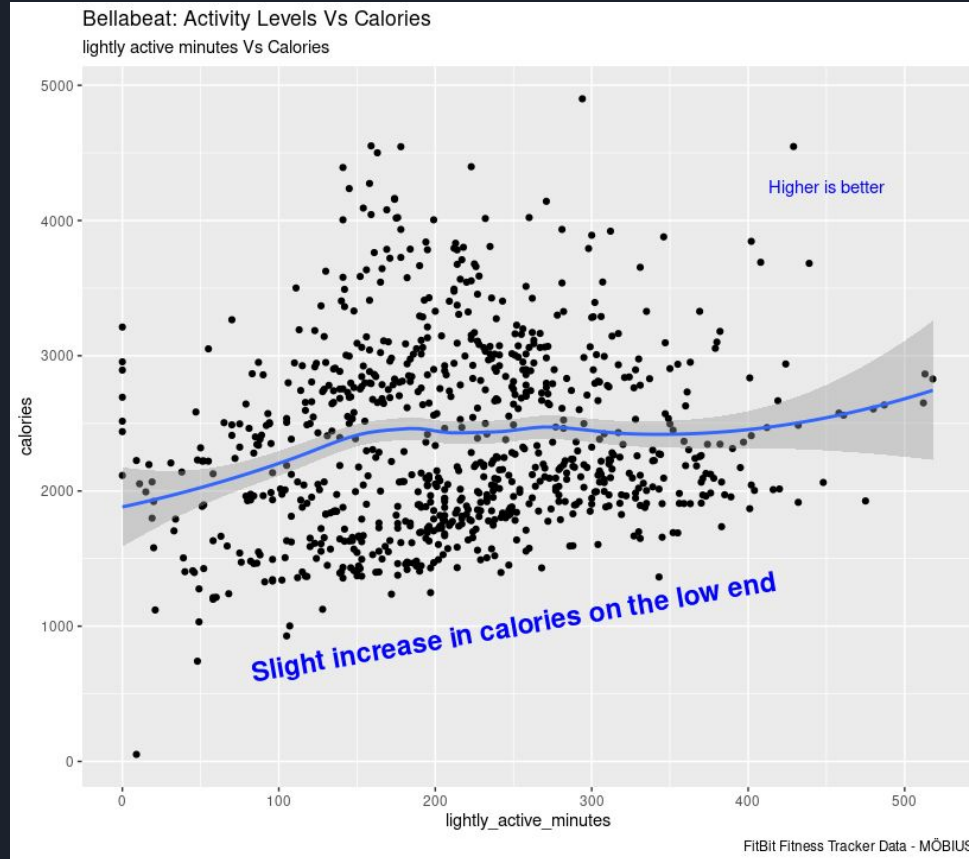
Time spent sedentary is pretty even in relation to calories up until 1000 minutes

Fewer people reach the top end of calorie burn as sedentary minutes increase



Lightly Active Minutes and Calories

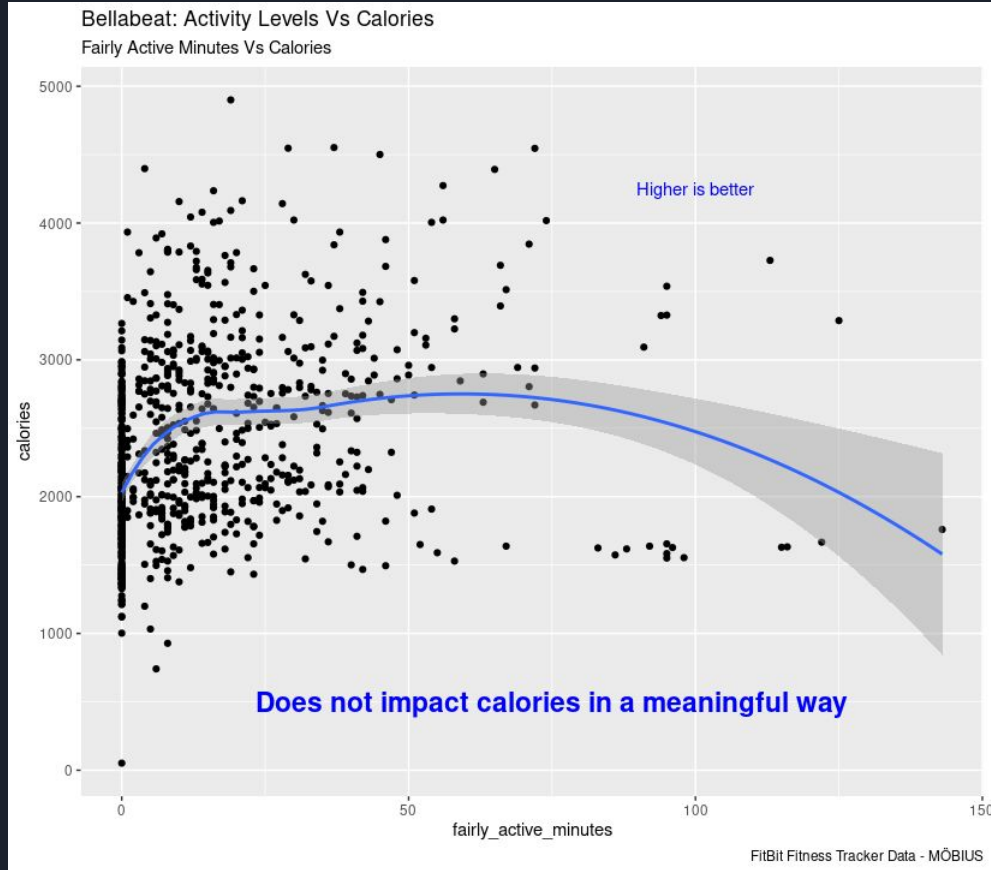
As light activity increases
the low end of calorie
burn also increases



Fairly Active Minutes and Calories

The Fairly Active category was an unpopular one

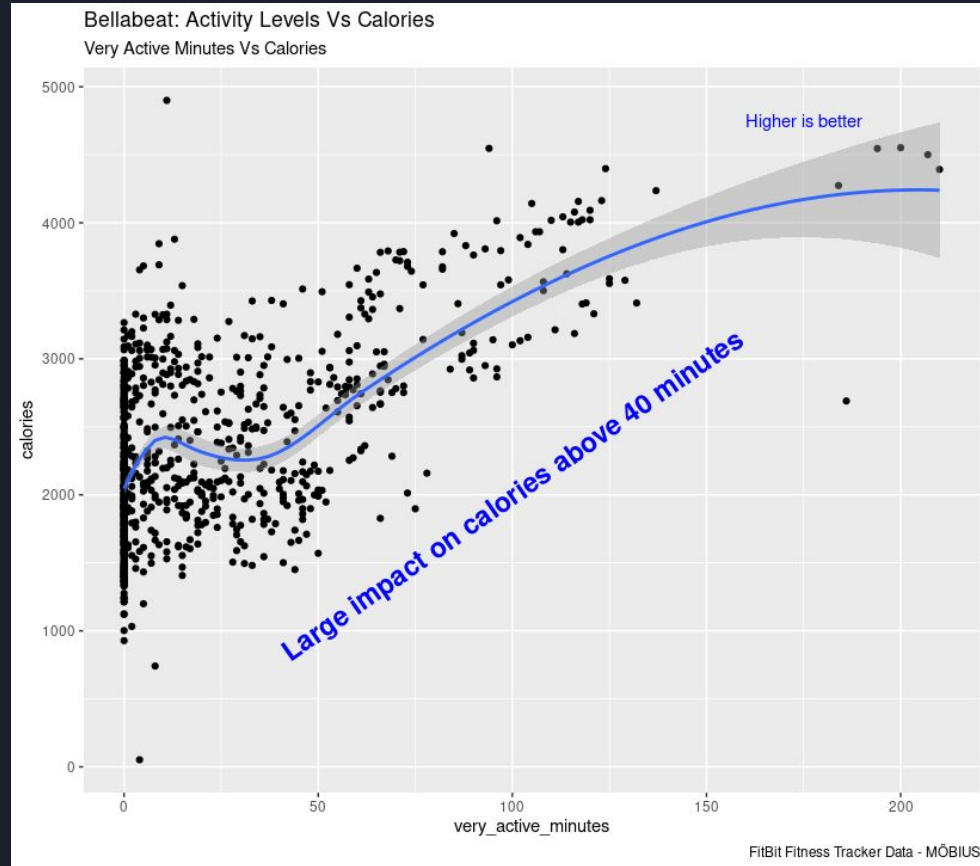
Increases slightly in the beginning before leveling out



Very Active Minutes and Calories

Very Active minutes has the clearest effect on calories

As people get more Very Active minutes their calories will increase



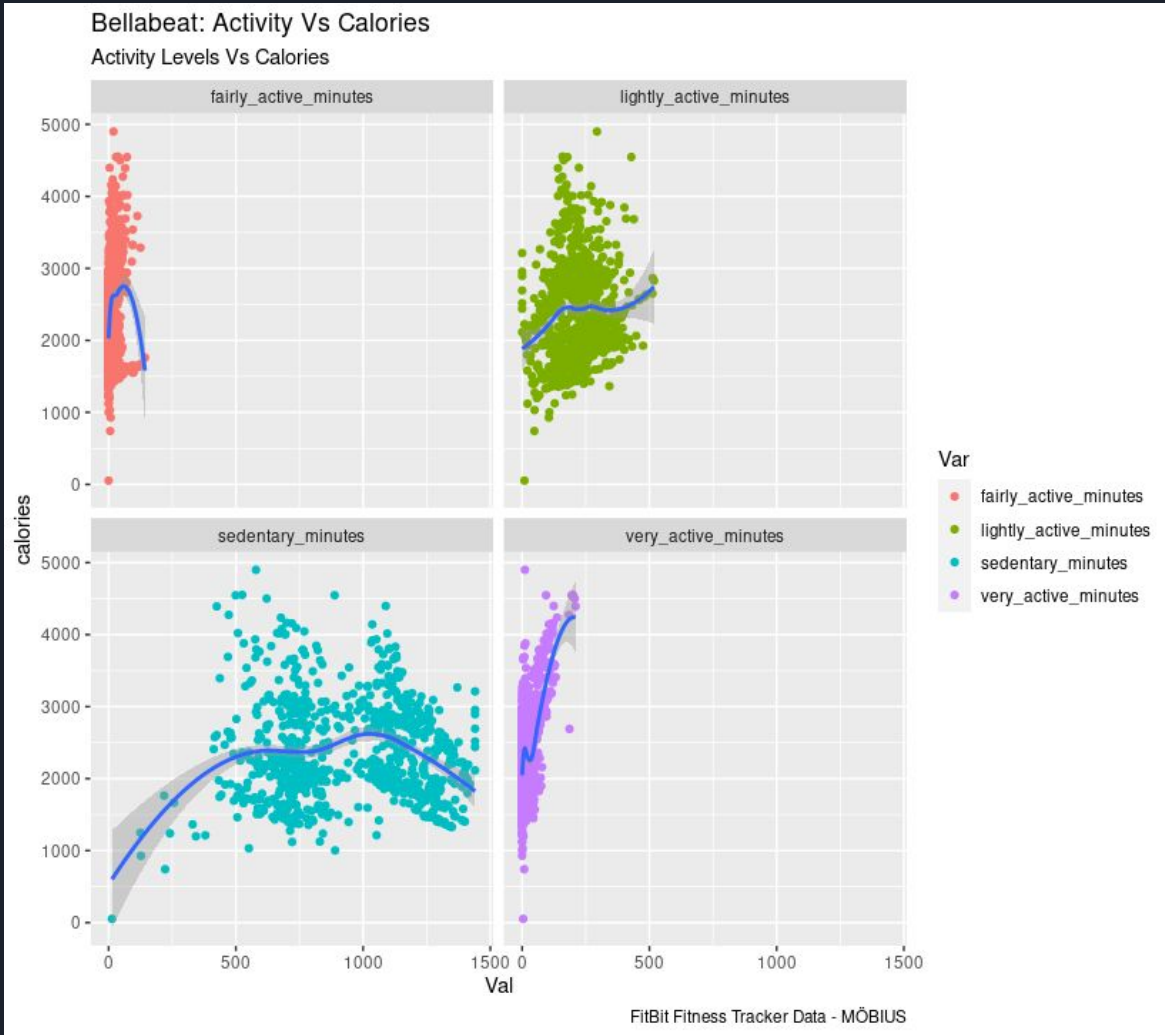
Putting that all
together...



Lightly Active and Very Active categories had the most noticeable trends.

The Fairly Active category is by far the most neglected

Sedentary minutes is the most spread out category with a noticeable downward trend it reaches the top end



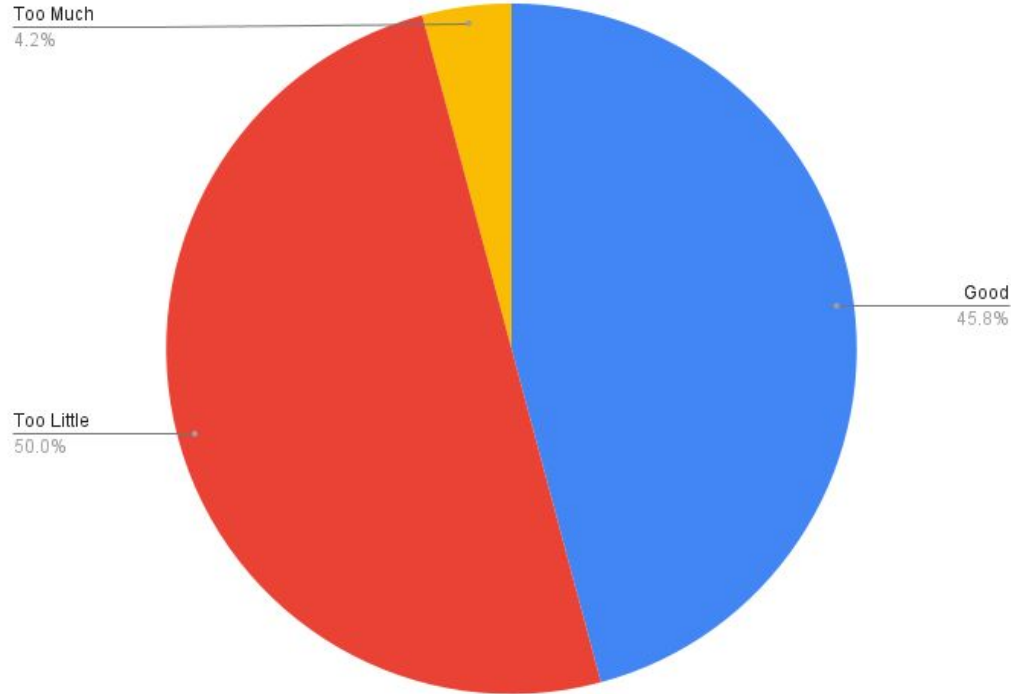
What about sleep?



What kind of sleep do FitBit users get?

50% of users get less than the recommended 7 hours of sleep

Bellabeat: FitBit User Sleep

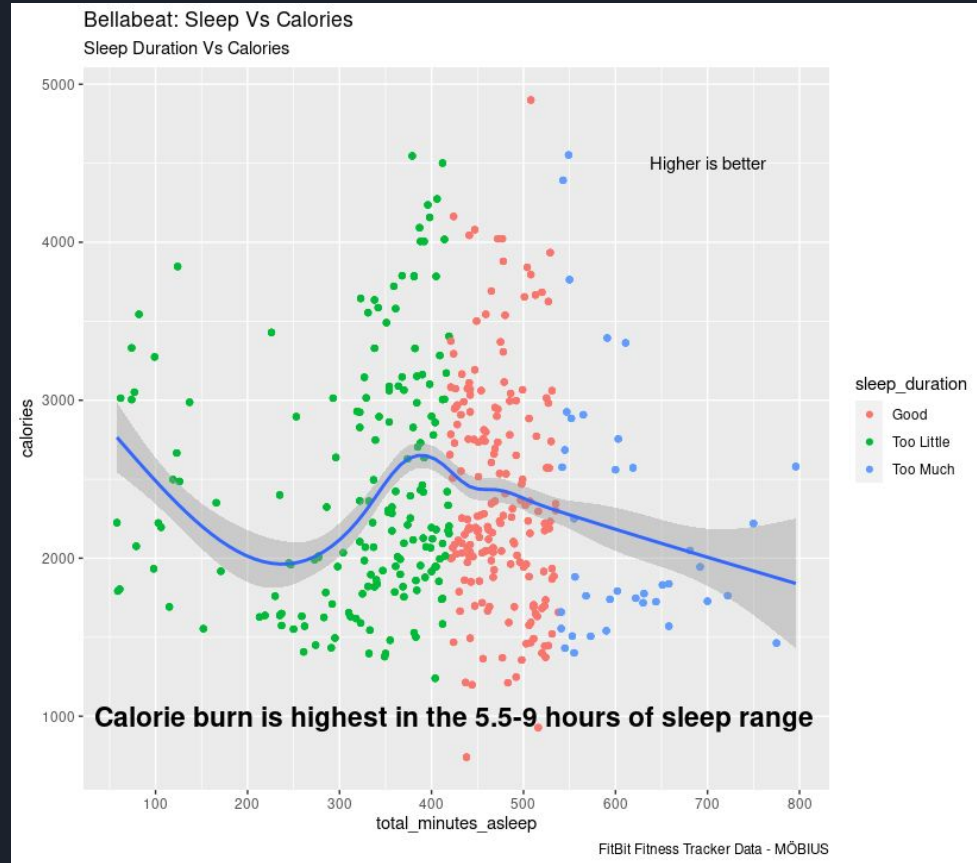


Let's break down sleep



Sleep in relation to calories

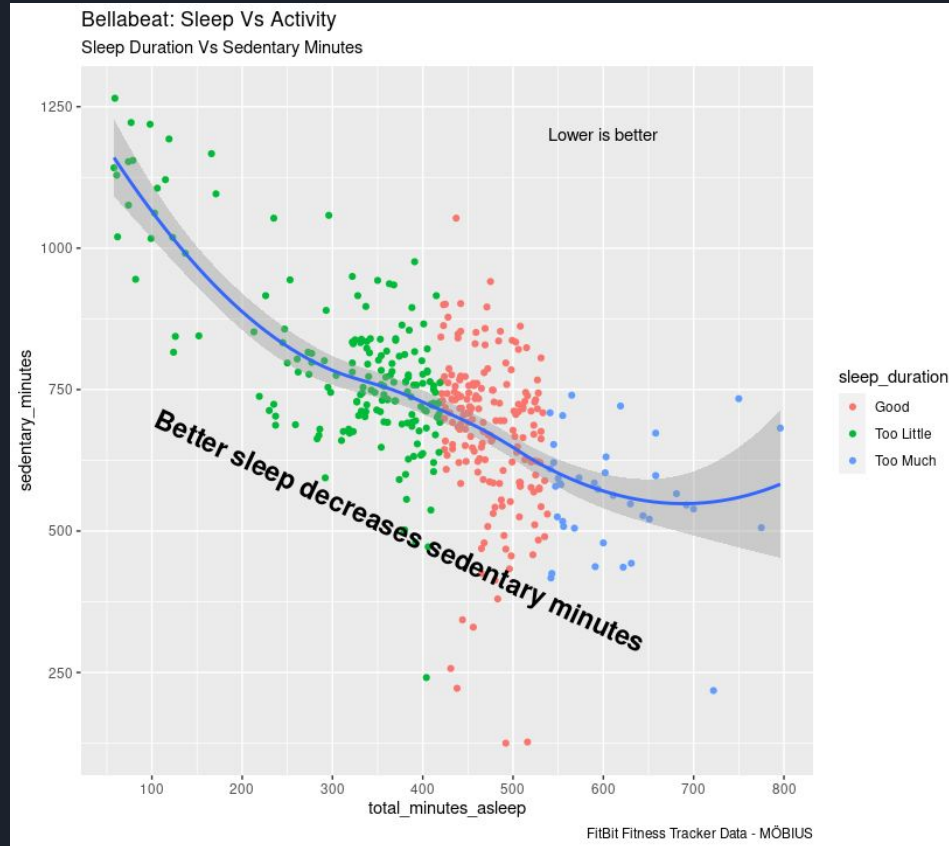
Results are best in the
5.5 to 9 hour sleep range



Sleep and Sedentary Minutes

Better sleep decreases
sedentary minutes

We again see the 5.5-9
hour range



Sleep and Lightly Active Minutes

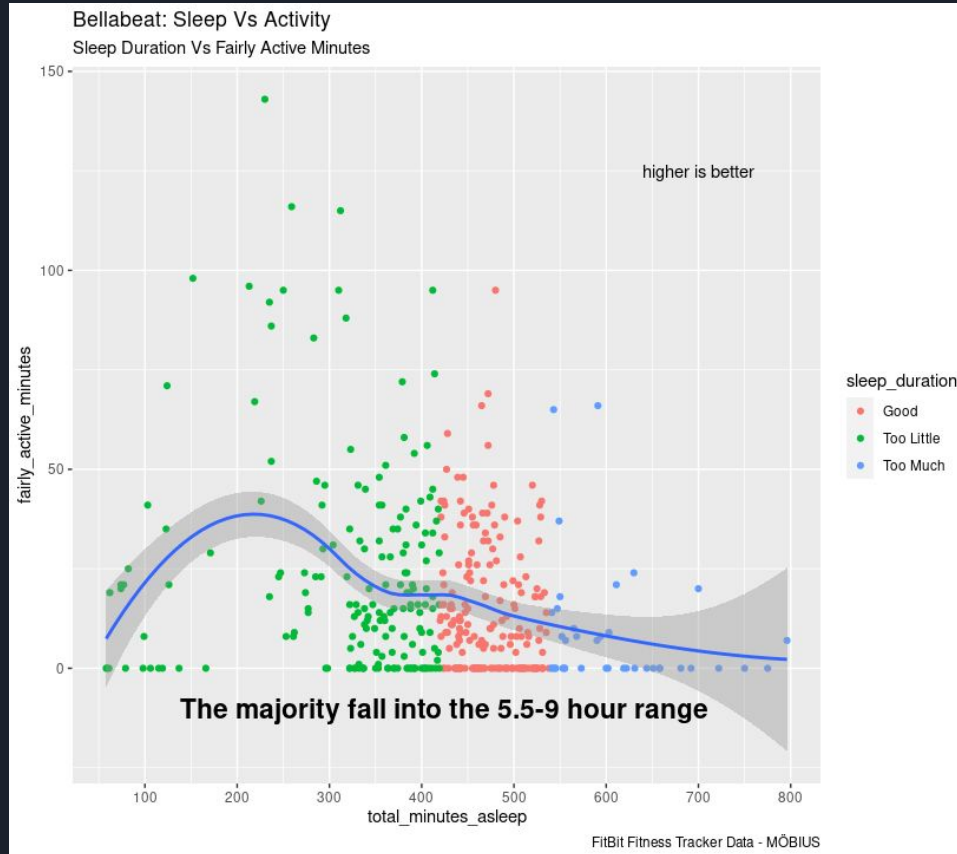
Increases slightly as sleep gets into the 7-9 range with a drop as sleep goes over 9 hours



Sleep and Fairly Active Minutes

Fairly Active minutes again does not tell us much

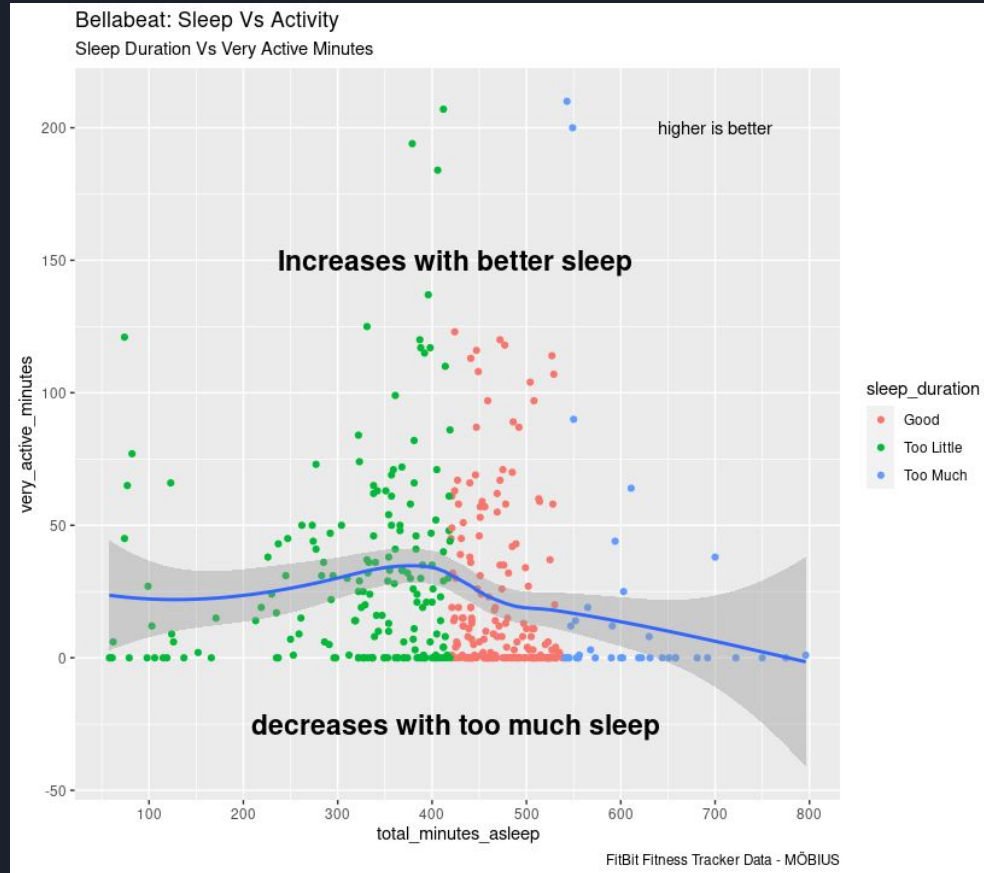
It does tell us that the majority of people who are fairly active get 5.5-9 hours of sleep



Sleep and Very Active Minutes

The Very Active category again centers around the 5.5-9 hour range.

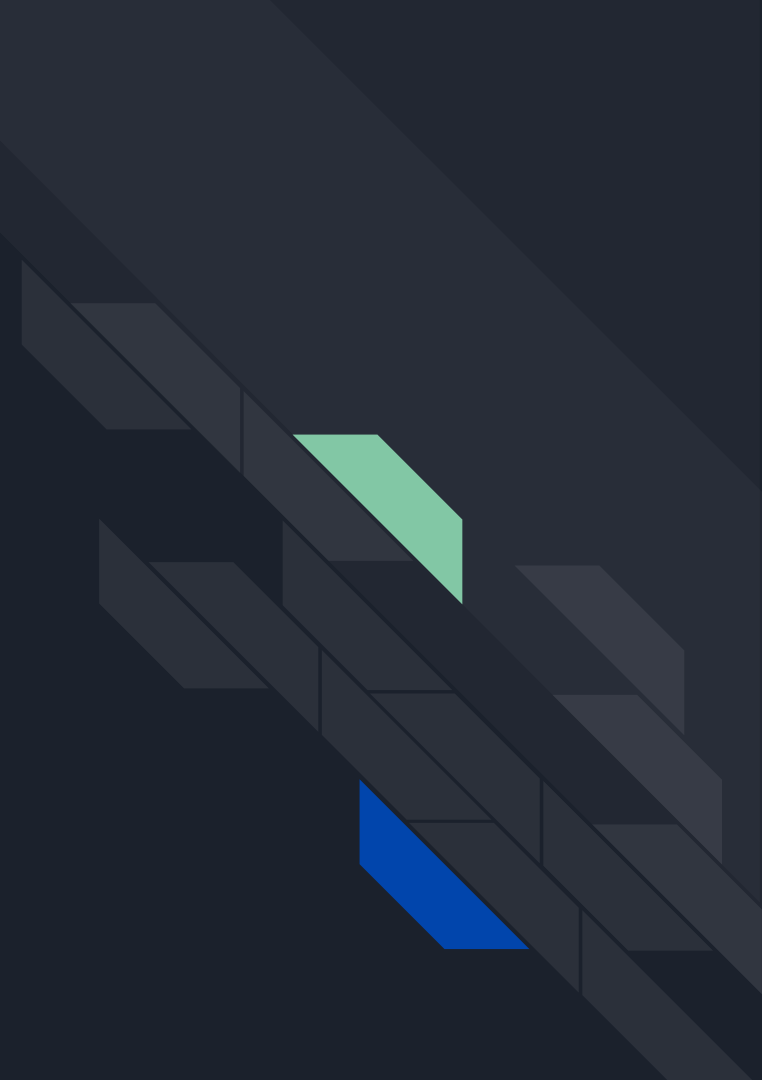
Very Active minutes increase on the top end directly in line with healthy sleep



What does this all mean?



1. Steps, sleep, and exercise are the main factors in burning calories
2. Sleep correlates to how active people are
3. Steps, sleep, and exercise are lacking in a large amount of people



What can Bellabeat do
with this information?



Putting an emphasis on sleep, steps, and exercise would be a great way to correct some of these less than optimal numbers



How can Bellabeat
achieve this?



1. Provide resources on how important getting the recommended amount of sleep, steps, and exercise is
2. Provide an incentive for people to reach the recommended 10,000 steps, get better sleep, or exercise more
3. Include positive notifications about progress towards steps, exercise, and set goals

