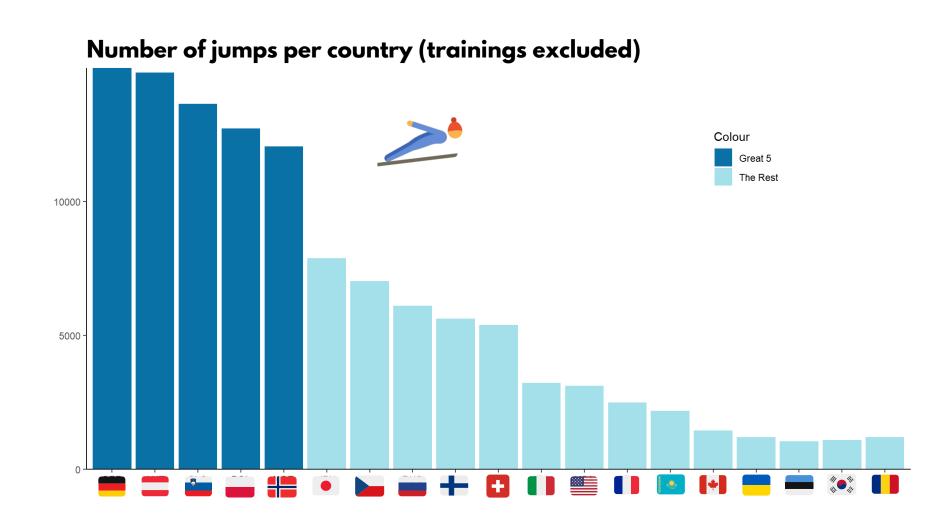
See how fast they fly



The Great 5

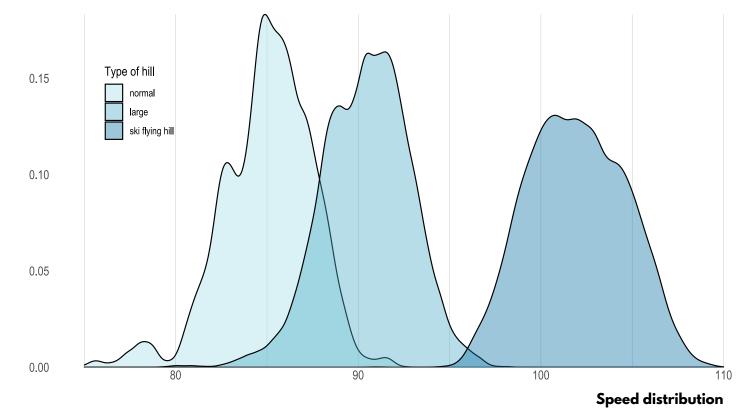
Ski jumping is still rather a nieche sport there is a huge difference between ski
jumping popularity between Germany,
Austria, Slovenia, Poland and Norway and
the rest of the world. Because of that
popularity, those countries have won 20
consecutive Nations Cups, and are
therefore called "The Great 5".

To get acquainted with this weird sport, let's have a look at one of the key aspects of a great, long ski jump: the take-off speed.

The bigger the hill, the faster you go!

First thing we need to refer to when measuring take-off speeds, is of course the size of the hill. As it turns out, ski flying hills give competitors as much as 10-20 km/h faster take-off than most commonly used, large hill. Needless to say, this extra ordinary velocity results in extra ordinary distance - and possibly even world records!

Distribution of take-off speed by type of hill

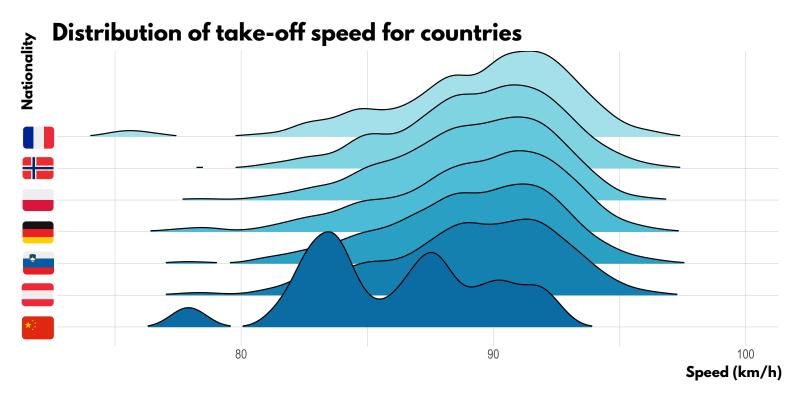


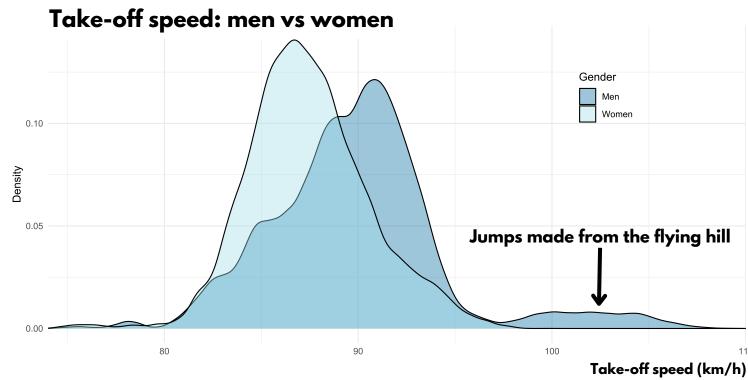
Speed by country

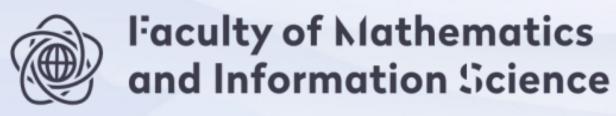
Due to different techniques and proficency of their technical teams jumpers from different countries achieve different takeoff speeds. On the chart we represented The Great 5 nations, China and France as they have interesting distributions.

Who goes faster: men or women?

As we see on the chart below: men athletes more often have high take-off speeds in comparison to women. This effect is mostly caused by the type of hills they compete in - as for now, there are no women's competitions on flying hills.







Sources:

https://github.com/wrotki8778/Ski_jumping_data_center https://www.fis-ski.com/DB/general/biographies.html

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