Results

The statement if wildfires are increasing in the Netherlands cannot be seen and confirmed in the results. Figure **x** shows that the trend of the amount of fire pixels is increasing with each year. However, the data has a low fit, what is shown by r-squared value of 3.7%, which means that the regression line does not fit the data. This also shows that the earlier mentioned statement is falsified in the earlier mentioned statement.

Figure **X** shows that most fires are occurring around the end of winter and in the beginning of spring. For the last 5 years (2020 not included), wildfire pixels have been observed from spring up to the end of summer. Therefore the prediction by Lung *et al.*(2013) is that the risk of fires is going to be higher the coming decades could be already showing in the data.

The most observed effected landcover is heath, but peat and forests are more effected by fire in the late 2010’s. This could mean that peat and forest are surely more effected by the longer drought periods and higher temperatures that are caused by climate change. This could mean that peat and forest landscapes were more prone to wildfires.

Around 66% of these fires are within Natura 2000 areas and for about **X** are in national parks which are not part of the Natura 2000 network. This shows that these spatial policies influence the locations of these wildfires. Furthermore, the total amount of fire pixels, which are in designated natural areas, shows also that these natural areas are more prone on wildfires. The reasons of the fire regimes are the accumulation of fuel, landcover type, and spatial policy. Th

Figure **X** illustrates that the distance between a fire pixel and road is for is less than a 1 kilometre. The correlation between the distance between the fire and the human infrastructure, which also is shown by (**BRONNEN ERBIJ ZETTEN)** , is seen in the Netherlands.

**TODO MAKE GRAPH DISTRIBUTION CLEARER AND MORE REPRESENTATIVE**

**TODO EXPLAIN THE RESULTS IN RELATION TO THE SPATIAL DISTRIBUTION OF THE FIRES (IN THE DISCUSSION EXPLAIN THE RELATION BETWEEN DISTANCE AND FOREST FIRE PIXEL)**

**TODO MAKE THE MEAN LANDCOVER MONTHLY MORE REPRESENTATIVE OF THE DATA**