

Data feature_navn	Beskrivelse	
humidity_01	Median daily humidity, Q1	
humidity_02	Median daily humidity, Q2	
humidity_03	Median daily humidity, Q3	
humidity_04	Median daily humidity, Q4	
pressure_01	Median daily pressure, Q1	
pressure_02	Median daily pressure, Q2	
pressure_03	Median daily pressure, Q3	
pressure_04	Median daily pressure, Q4	
snow_01	Median daily snow, Q1	
snow_02	Median daily snow, Q2	
snow_03	Median daily snow, Q3	
snow_04	Median daily snow, Q4	
temperature_mean_01	Median daily temperature, Q1	
temperature_mean_02	Median daily temperature, Q2	
temperature_mean_03	Median daily temperature, Q3	
temperature_mean_04	Median daily temperature, Q4	
temperature_min_01	Median daily min temperature, Q1	
temperature_min_02	Median daily min temperature, Q2	
temperature_min_03	Median daily min temperature, Q3	
temperature_min_04	Median daily min temperature, Q4	
temperature_max_01	Median daily max temperature, Q1	
temperature_max_02	Median daily max temperature, Q2	
temperature_max_03	Median daily max temperature, Q3	
temperature_max_04	Median daily max temperature, Q4	
wind_mean_01	Median daily wind speed, Q1	
wind_mean_02	Median daily wind speed, Q2	
wind_mean_03	Median daily wind speed, Q3	
wind_mean_04	Median daily wind speed, Q4	
wind_max_01	Median daily max wind speed, Q1	
wind_max_02	Median daily max wind speed, Q2	
wind_max_03	Median daily max wind speed, Q3	
wind_max_04	Median daily max wind speed, Q4	
winddir_01	Median daily wind direction, Q1	
winddir_02	Median daily wind direction, Q2	
winddir_03	Median daily wind direction, Q3	
winddir_04	Median daily wind direction, Q4	
precip_01	Median precipitation, Q1	
precip_02	Median precipitation, Q2	
precip_03	Median precipitation, Q3	
precip_04	Median precipitation, Q4	
x	Rounded UTM32N X sample coordinate	
y	Rounded UTM32N Y sample coordinate	
earth	Surface earth type	
dist_coast	Distance from the nearest coastline	
dist_lake	Distance from the nearest major lake	
dist_river	Distance from the nearest major river	
summer_B02	Band 2 - blue, 0	490 um centre
summer_B03	Band 3 - green, 0	560 um centre
summer_B04	Band 4 - red, 0	665 um centre
summer_B05	Band 5 - vegetation red edge, 0	705 um centre
summer_B06	Band 6 - vegetation red edge, 0	740 um centre
summer_B07	Band 7 - vegetation red edge, 0	783 um centre
summer_B11	Band 11 - short wave infrared, 1	610 um centre
summer_B12	Band 12 - short wave infrared, 2	190 um centre
summer_B8A	Band 8A - vegetation red edge, 0	865 um centre
winter_B02	Band 2 - blue, 0	490 um centre
winter_B03	Band 3 - green, 0	560 um centre
winter_B04	Band 4 - red, 0	665 um centre
winter_B05	Band 5 - vegetation red edge, 0	705 um centre
winter_B06	Band 6 - vegetation red edge, 0	740 um centre
winter_B07	Band 7 - vegetation red edge, 0	783 um centre
winter_B11	Band 11 - short wave infrared, 1	610 um centre
winter_B12	Band 12 - short wave infrared, 2	190 um centre
winter_B8A	Band 8A - vegetation red edge, 0	865 um centre
spring_B02	Band 2 - blue, 0	490 um centre

spring_B03	Band 3 - green, 0	560 um centre
spring_B04	Band 4 - red, 0	665 um centre
spring_B05	Band 5 - vegetation red edge, 0	705 um centre
spring_B06	Band 6 - vegetation red edge, 0	740 um centre
spring_B07	Band 7 - vegetation red edge, 0	783 um centre
spring_B11	Band 11 - short wave infrared, 1	610 um centre
spring_B12	Band 12 - short wave infrared, 2	190 um centre
spring_B8A	Band 8A - vegetation red edge, 0	865 um centre
autumn_B02	Band 2 - blue, 0	490 um centre
autumn_B03	Band 3 - green, 0	560 um centre
autumn_B04	Band 4 - red, 0	665 um centre
autumn_B05	Band 5 - vegetation red edge, 0	705 um centre
autumn_B06	Band 6 - vegetation red edge, 0	740 um centre
autumn_B07	Band 7 - vegetation red edge, 0	783 um centre
autumn_B11	Band 11 - short wave infrared, 1	610 um centre
autumn_B12	Band 12 - short wave infrared, 2	190 um centre
autumn_B8A	Band 8A - vegetation red edge, 0	865 um centre
DSM_DTM_0	DSM - DTM, nr	40x40cm pixels between 1 cm & 3 cm
DSM_DTM_1	DSM - DTM, nr	40x40cm pixels between 3 cm & 10 cm
DSM_DTM_2	DSM - DTM, nr	40x40cm pixels between 10 cm & 32 cm
DSM_DTM_3	DSM - DTM, nr	40x40cm pixels between 32 cm & 1 m
DSM_DTM_4	DSM - DTM, nr	40x40cm pixels between 1 m & 3 m
DSM_DTM_5	DSM - DTM, nr	40x40cm pixels between 3 m & 10 m
DSM_DTM_6	DSM - DTM, nr	40x40cm pixels between 10 m & 32 m
DSM_DTM_7	DSM - DTM, nr	40x40cm pixels between 32 m & 100 m
SOP_NDVI_median	Summer orthophotos, NDVI, median of pixels	
SOP_NDVI_std	Summer orthophotos, NDVI, standard deviation of pixels	
FOP_NDVI_median	Spring orthophotos, NDVI, median of pixels	
FOP_NDVI_std	Spring orthophotos, NDVI, standard deviation of pixels	
d_NDVI_median	Summer NDVI - spring NDVI, median	
d_NDVI_std	Summer NDVI - spring NDVI, standard deviation	
DSM_median	Digital surface model, median over 10x10 m	
DSM_std	Digital surface model, standard deviation over 10x10 m	
DTM_median	Digital terrain model, median over 10x10 m	
DTM_std	Digital terrain model, standard deviation over 10x10 m	
DSM_DTM_median	DSM - DTM, median over 10x10 m	
DSM_DTM_std	DSM - DTM, standard deviation over 10x10 m	
lidar_number_of_returns_median	Gridded number of LiDAR returns, median	
lidar_number_of_returns_std	Gridded number of LiDAR returns, standard deviation	
lidar_returns_2	Number of 40x40 cm pixels with 2 LiDAR returns	
lidar_returns_3	Number of 40x40 cm pixels with 3 LiDAR returns	
lidar_returns_4	Number of 40x40 cm pixels with 4 LiDAR returns	
lidar_returns_5	Number of 40x40 cm pixels with 5 LiDAR returns	
summer_ARI1	Summer Anthocyanin Reflectance Index 1	
summer_ARI2	Summer Anthocyanin Reflectance Index 2	
summer_CRE	Summer Chlorophyll Red Edge	
summer_EVI	Summer Enhanced Vegetation Index	
summer_PSRI	Summer Plant Senescence Reflectance Index	
summer_CMR	Summer Clay Minerals Ratio	
summer_FMR	Summer Ferrous Minerals Ratio	
summer_IOR	Summer Iron Oxide Ratio	
summer_BAI	Summer Burn Area Index	
summer_MNDWI	Summer Modified Normalized Difference Water Index	
summer_NDBI	Summer Normalized Difference Built-Up Index	
winter_ARI1	Winter Anthocyanin Reflectance Index 1	
winter_ARI2	Winter Anthocyanin Reflectance Index 2	
winter_CRE	Winter Chlorophyll Red Edge	
winter_EVI	Winter Enhanced Vegetation Index	
winter_PSRI	Winter Plant Senescence Reflectance Index	
winter_CMR	Winter Clay Minerals Ratio	
winter_FMR	Winter Ferrous Minerals Ratio	
winter_IOR	Winter Iron Oxide Ratio	
winter_BAI	Winter Burn Area Index	
winter_MNDWI	Winter Modified Normalized Difference Water Index	
winter_NDBI	Winter Normalized Difference Built-Up Index	
spring_ARI1	Spring Anthocyanin Reflectance Index 1	
spring_ARI2	Spring Anthocyanin Reflectance Index 2	

spring_CRE	Spring Chlorophyll Red Edge
spring_EVI	Spring Enhanced Vegetation Index
spring_PSRI	Spring Plant Senescence Reflectance Index
spring_CMR	Spring Clay Minerals Ratio
spring_FMR	Spring Ferrous Minerals Ratio
spring_IOR	Spring Iron Oxide Ratio
spring_BAI	Spring Burn Area Index
spring_MNDWI	Spring Modified Normalized Difference Water Index
spring_NDBI	Spring Normalized Difference Built-Up Index
autumn_AR11	Autumn Anthocyanin Reflectance Index 1
autumn_AR12	Autumn Anthocyanin Reflectance Index 2
autumn_CRE	Autumn Chlorophyll Red Edge
autumn_EVI	Autumn Enhanced Vegetation Index
autumn_PSRI	Autumn Plant Senescence Reflectance Index
autumn_CMR	Autumn Clay Minerals Ratio
autumn_FMR	Autumn Ferrous Minerals Ratio
autumn_IOR	Autumn Iron Oxide Ratio
autumn_BAI	Autumn Burn Area Index
autumn_MNDWI	Autumn Modified Normalized Difference Water Index
autumn_NDBI	Autumn Normalized Difference Built-Up Index
d_B02	Difference between summer and winter, Band 2
d_B03	Difference between summer and winter, Band 3
d_B04	Difference between summer and winter, Band 4
d_B05	Difference between summer and winter, Band 5
d_B06	Difference between summer and winter, Band 6
d_B07	Difference between summer and winter, Band 7
d_B11	Difference between summer and winter, Band 11
d_B12	Difference between summer and winter, Band 12
d_B8A	Difference between summer and winter, Band 8A
d_AR11	Difference between summer and winter, AR11
d_AR12	Difference between summer and winter, AR12
d_CRE	Difference between summer and winter, CRE
d_EVI	Difference between summer and winter, EVI
d_PSRI	Difference between summer and winter, PSRI
d_CMR	Difference between summer and winter, CMR
d_FMR	Difference between summer and winter, FMR
d_IOR	Difference between summer and winter, IOR
d_BAI	Difference between summer and winter, BAI
d_MNDWI	Difference between summer and winter, MNDWI
d_NDBI	Difference between summer and winter, NDBI
FOP_RGB_a_entropy	DWT Calculation
FOP_RGB_a_5th_percentile	DWT Calculation
FOP_RGB_a_25th_percentile	DWT Calculation
FOP_RGB_a_75th_percentile	DWT Calculation
FOP_RGB_a_95th_percentile	DWT Calculation
FOP_RGB_a_50th_percentile	DWT Calculation
FOP_RGB_a_mean	DWT Calculation
FOP_RGB_a_std	DWT Calculation
SOP_RGB_a_entropy	DWT Calculation
SOP_RGB_a_5th_percentile	DWT Calculation
SOP_RGB_a_25th_percentile	DWT Calculation
SOP_RGB_a_75th_percentile	DWT Calculation
SOP_RGB_a_95th_percentile	DWT Calculation
SOP_RGB_a_50th_percentile	DWT Calculation
SOP_RGB_a_mean	DWT Calculation
SOP_RGB_a_std	DWT Calculation
DSM_Slope	Terrænhældning (slope) beregnes ud fra vores LIDAR-baserede terrænmodel
DSM_Aspect	Terrænhældning orientering (aspect) beregnes ud fra vores LIDAR-baserede terrænmodel
Terrænnært grundvand - vinter	
Terrænnært grundvand - sommer	

Top 15 data features

Nogle Features er vigtigere end andre for modellen.

De 15 vigtigste features er listet nedenfor.

Feature	Beskrivelse
x	Position inden for et interval på 100 km - udmålt i bredden.
dist_coast	Afstand til nærmeste kyst
DTM_median	Lidar data (punktsky-data). Beregning på terræn.
dist_lake	Afstand til nærmeste større sø
d_ARI2	Forskel (delta) i reflektion af Anthocyanin (vandopløselig pigment i blade) sommer og vinter.
dist_river	Afstand til nærmeste større vandløb
earth	Jordtype - overfladejord
DSM_range	Lidar data (punktsky), Digital Surface Model - minimum-maximum.
precip_01	Nedbør
grundvand_sommer	Terrænnært grundvand sommer
winddir_01	Median daily wind direction, Q1
d_FMR	Sentinel-2 baseret beregning. Forskel på sommer og vinter. Ferrous Minerals Ratio.
DSM_DTM_6	Lidar data (punktsky-data). Beregning på terræn og jord. 40x40cm pixels between 10 m & 32 m
precip_04	Middelnedbør 4. kvartal
wind_mean_02	Middelvind, 2. kvartal