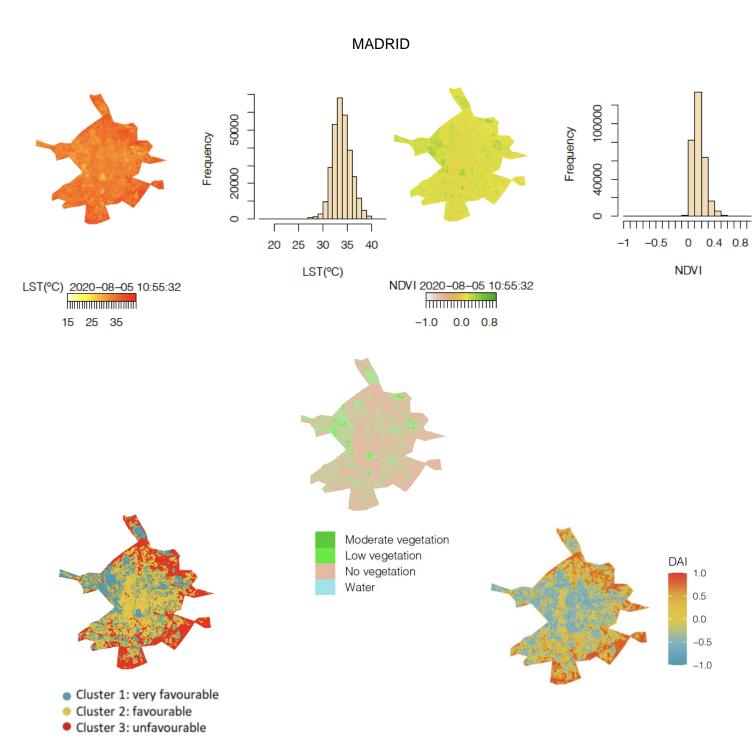
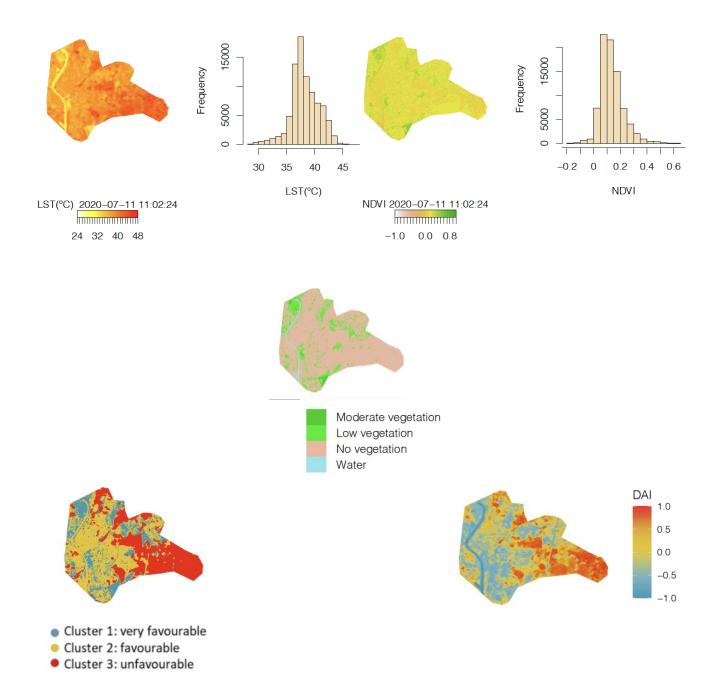
Automatic detection of unfavourable urban areas with higher temperatures and lack of green spaces using satellite imagery

Appendix A: Supplementary information

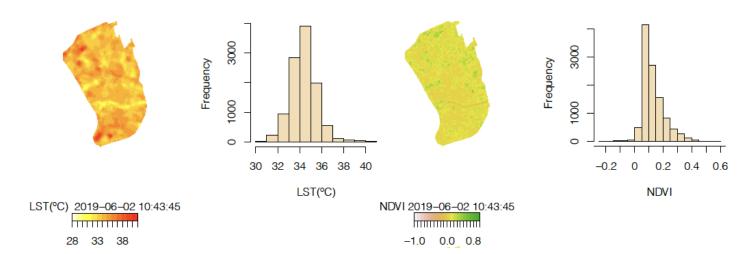
In this appendix, maps with the spatial distribution of land surface temperatures (LST) and Normalized Difference Vegetation Index (NDVI) are presented (up left and up right, respectively) for each city. Those maps are accompanied with an histogram showing the frequency of appearance (number of pixels in the image) of each LST or NDVI value. The categories of the different zones (middle), the clusters calculated (down left) and the values of the Disadvantaged Area Index (DAI) (down right) are also showed.

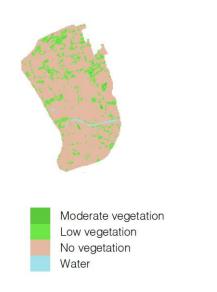


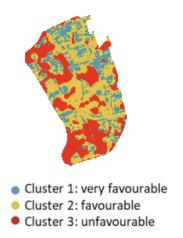
SEVILLE

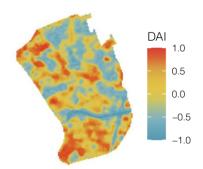


MURCIA

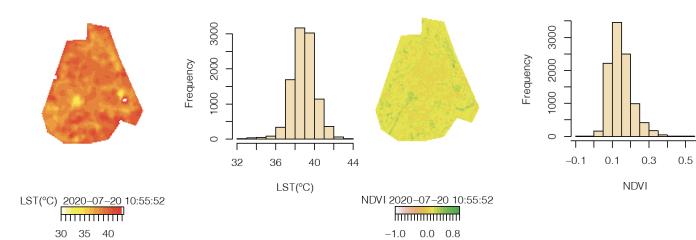


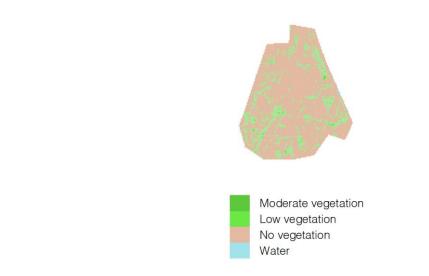






CIUDAD REAL

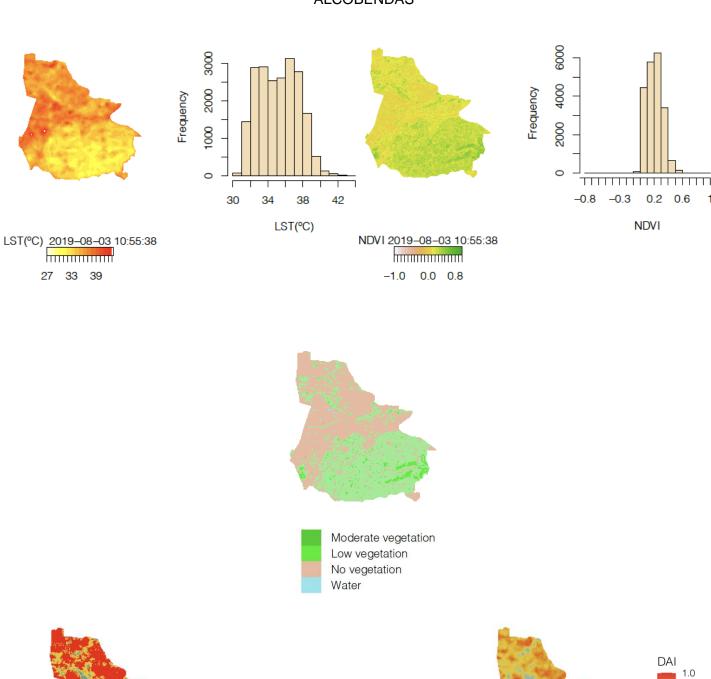




Cluster 1: very favourableCluster 2: favourableCluster 3: unfavourable



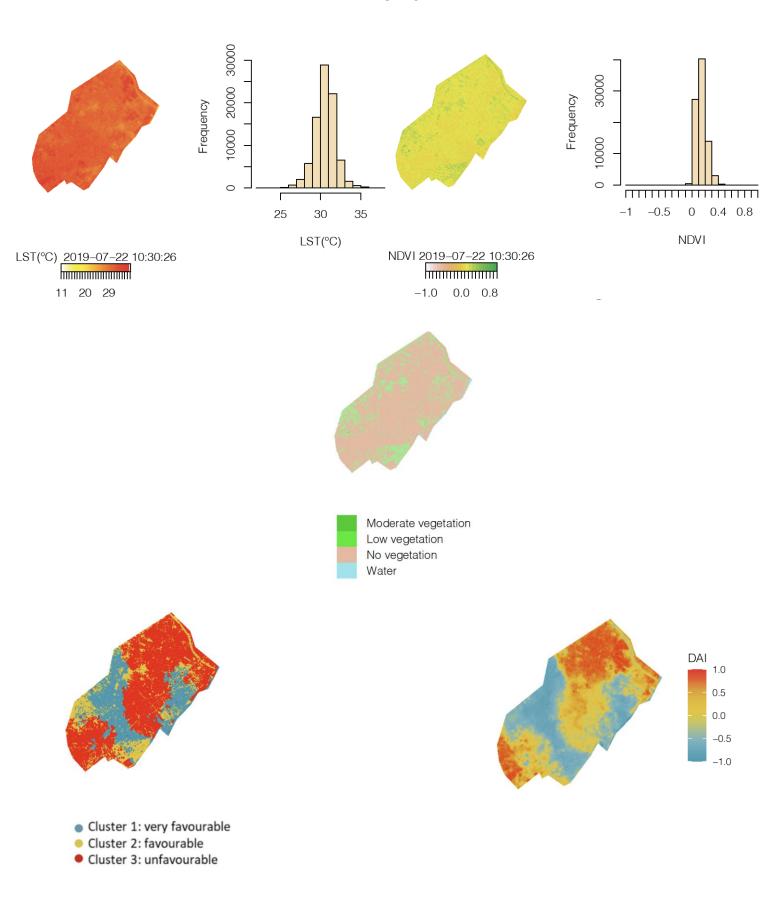
ALCOBENDAS



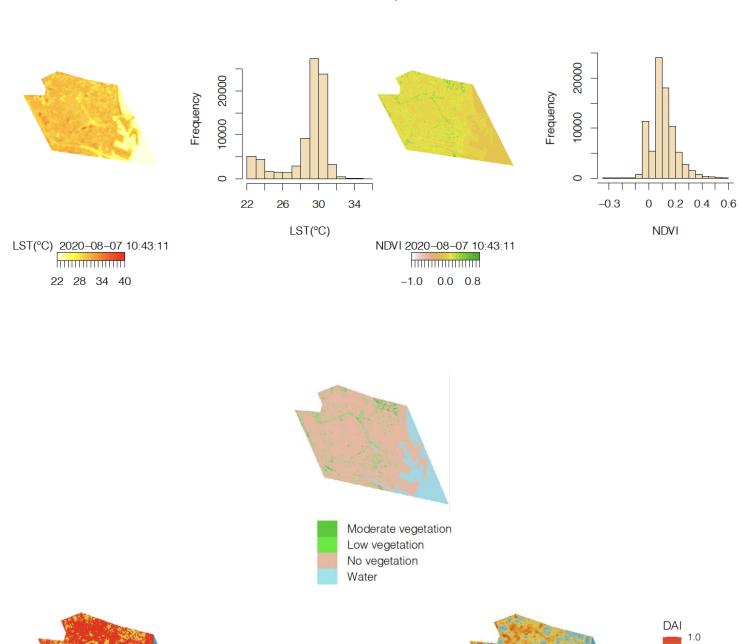
0.5 0.0 -0.5 -1.0



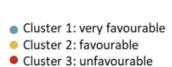
BARCELONA



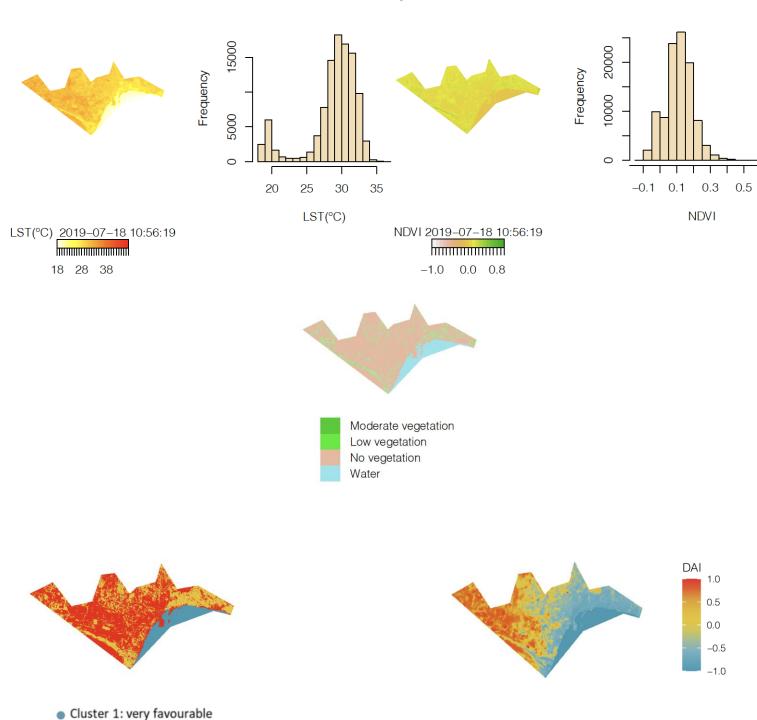
VALENCIA



0.5 0.0 -0.5 -1.0

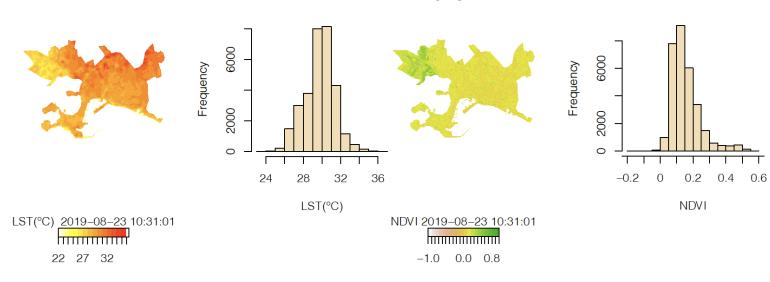


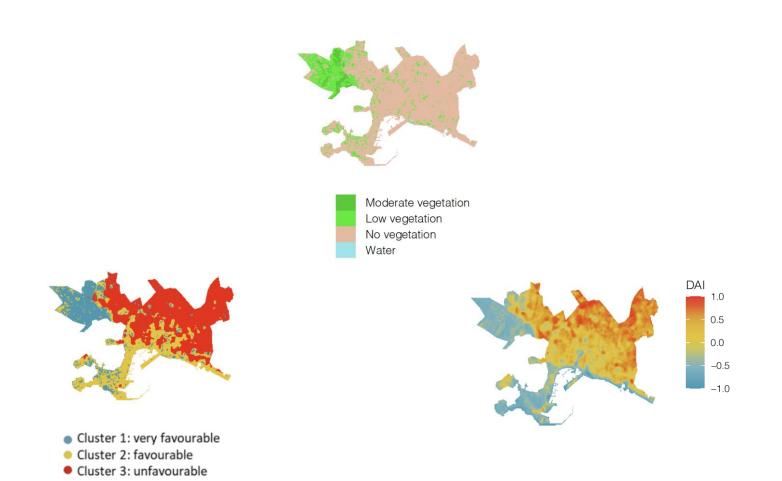
MALAGA



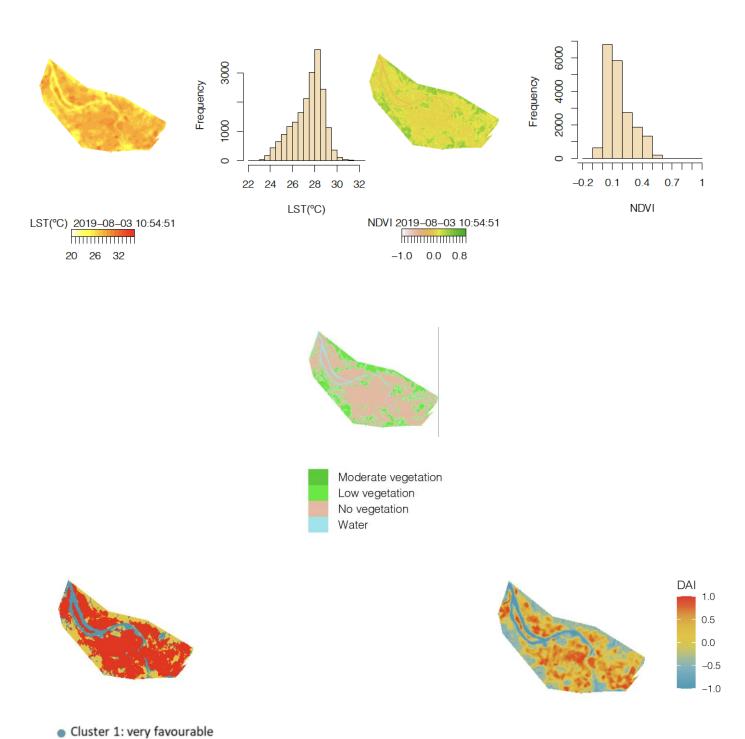
Cluster 2: favourableCluster 3: unfavourable

PALMA DE MALLORCA



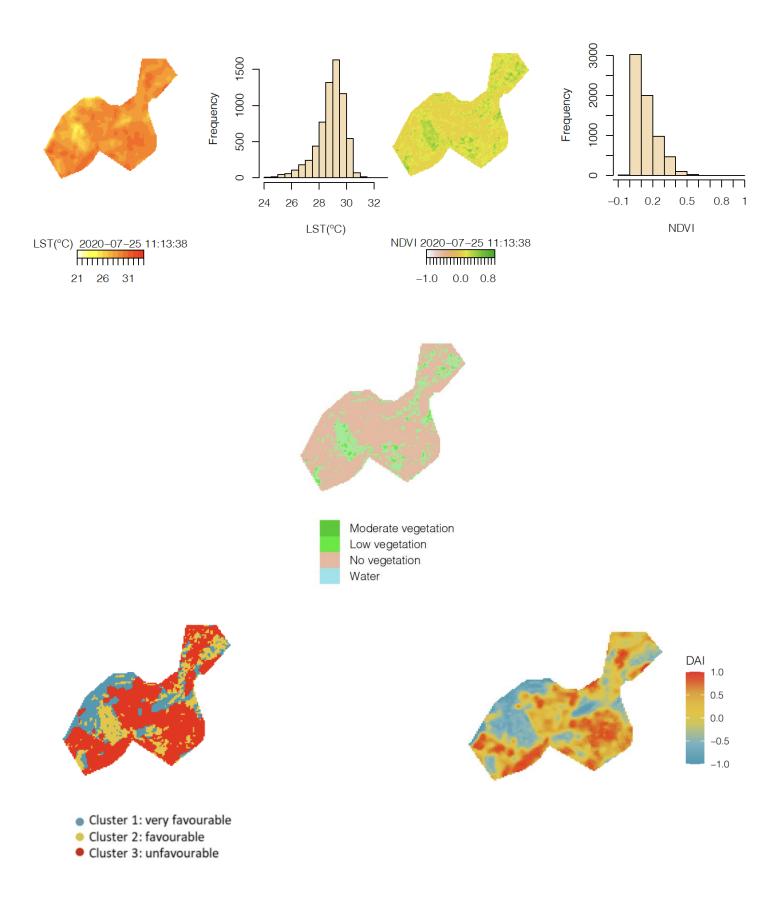


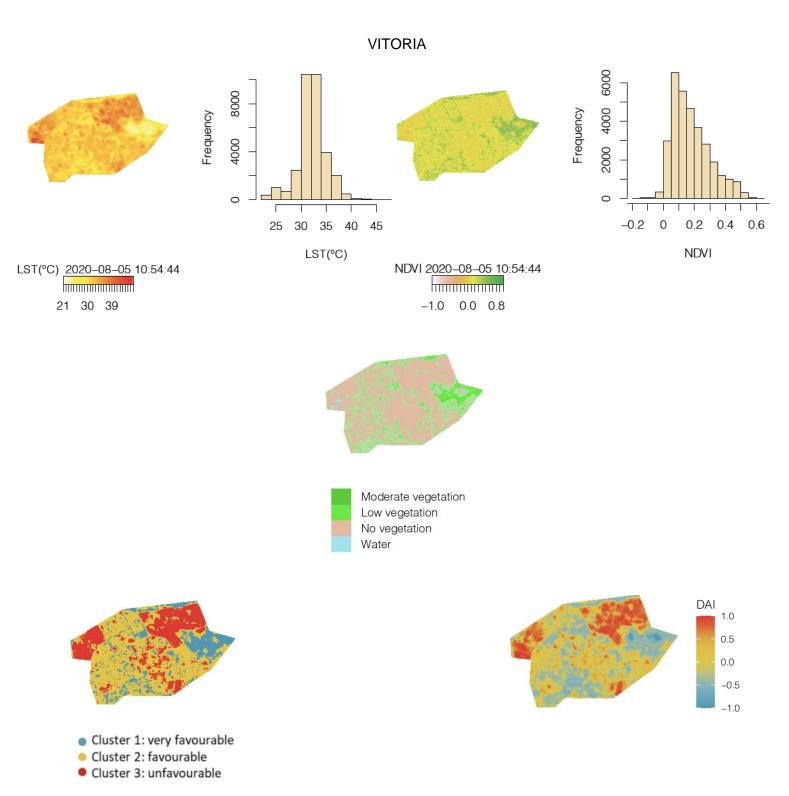
BILBAO



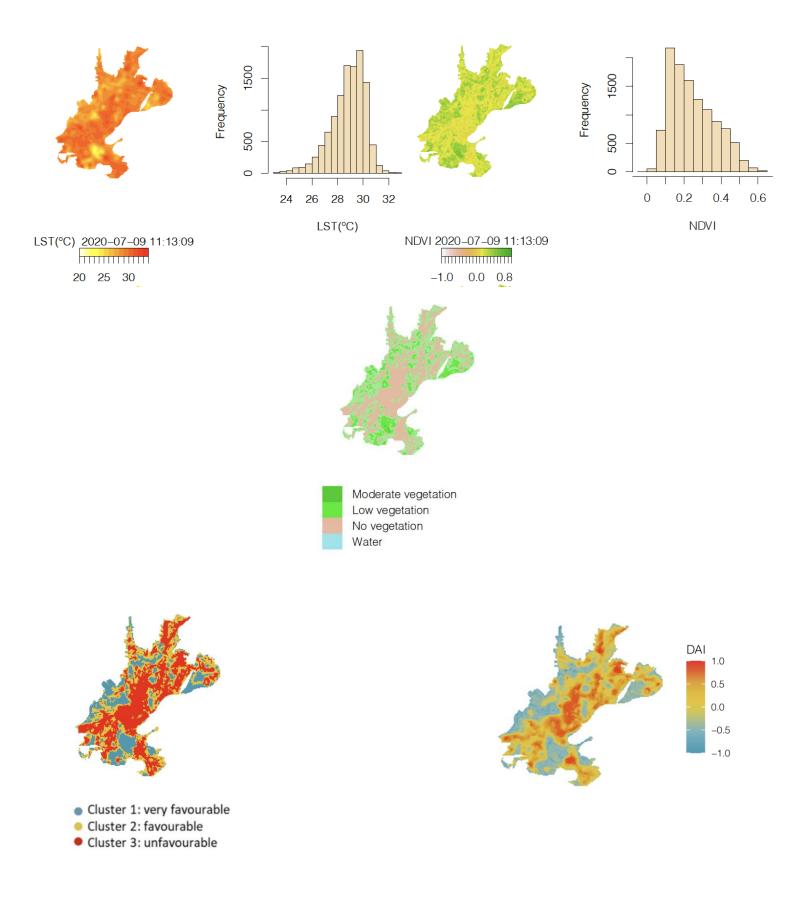
Cluster 2: favourableCluster 3: unfavourable

VIGO

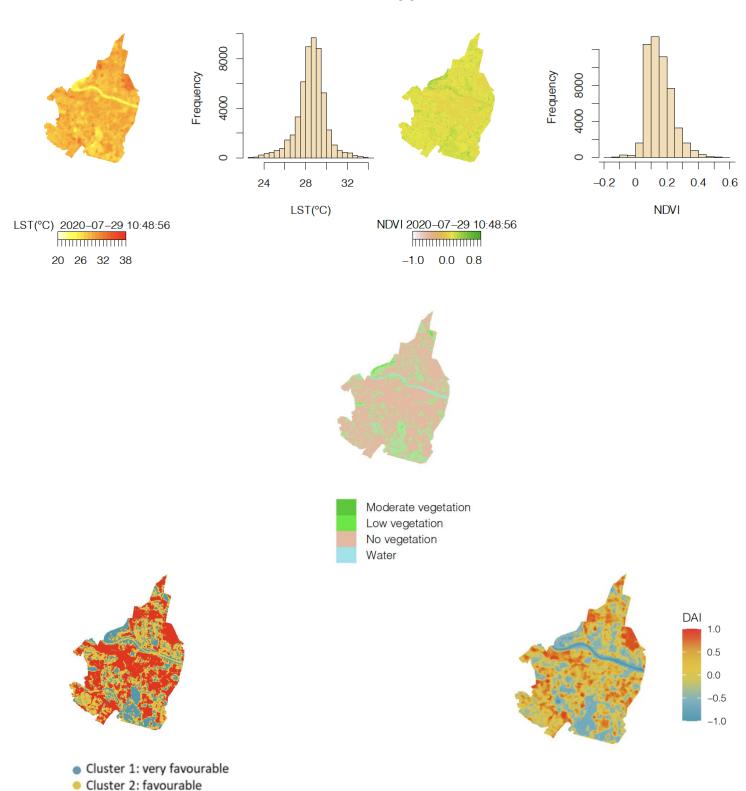




SANTIAGO DE COMPOSTELA

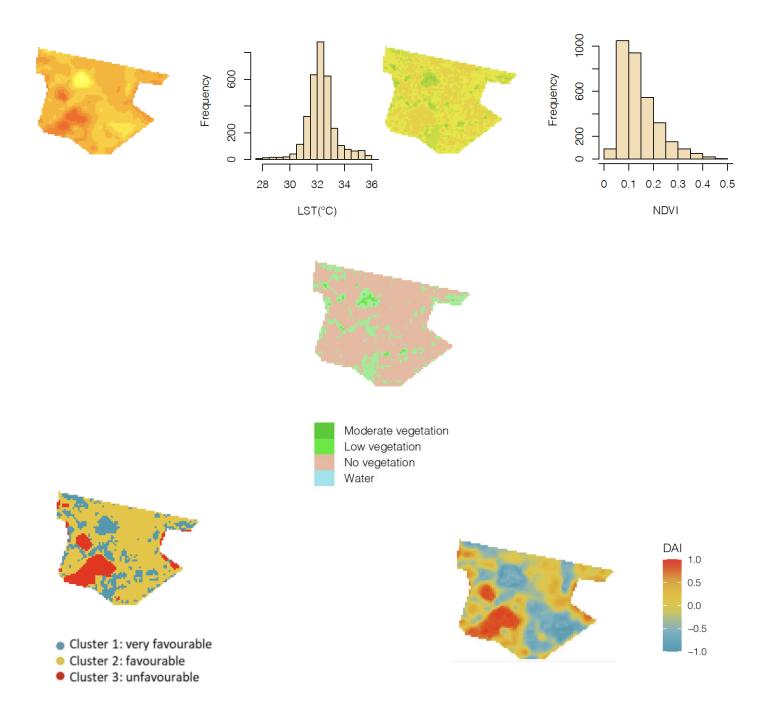


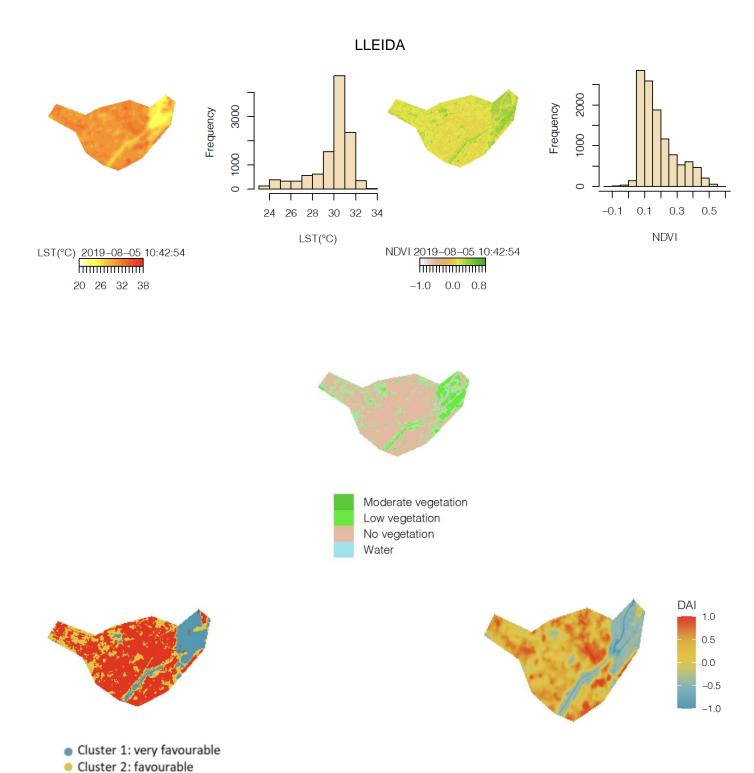
ZARAGOZA



Cluster 3: unfavourable

HUESCA





Cluster 3: unfavourable