

# A prototype methodology to mapping selected bio-physical aspects of CICES-defined Aesthetics in Scotland

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## Appendix C. Large scale maps of the 10 metrics and final map, displayed to showcase individual maps patterns (Natural breaks classification)

**Filename:** AppendixC\_finalMap\_10metrics\_LCAsp\_NaturalBreaks.pdf

### Equivalent of maps in:

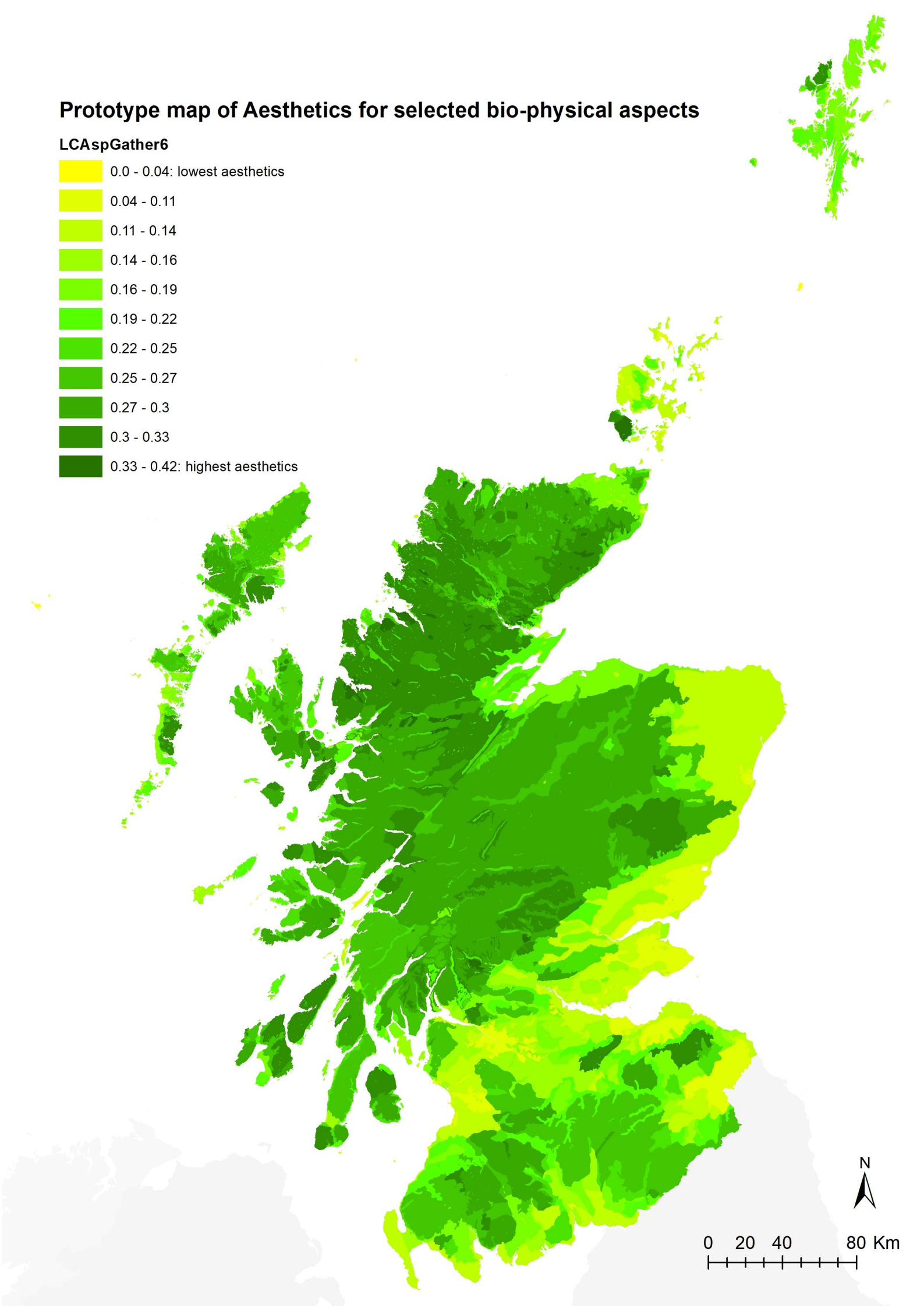
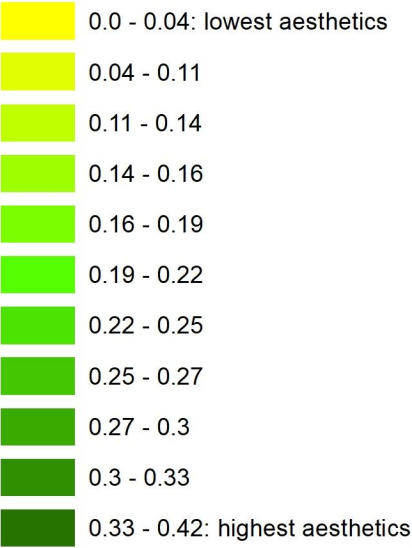
- Figure 8: 10 metrics rescaled 0-1, each break in the colours optimised to show patterns within a map (natural breaks classes with 0: yellow to 1: dark green; 0 in raw data: grey). Purpose: exploring the spatial pattern within each metric.
- Figure 10: Aesthetics map for selected bio-physical aspects (LCAsp). Natural break classification (yellow: low aesthetics for selected bio-physical aspects; dark green: high aesthetics values for selected bio-physical aspects). If all metrics were at the highest possible values in one spatial area, it would have the theoretical maximum aesthetical value of 1.0.

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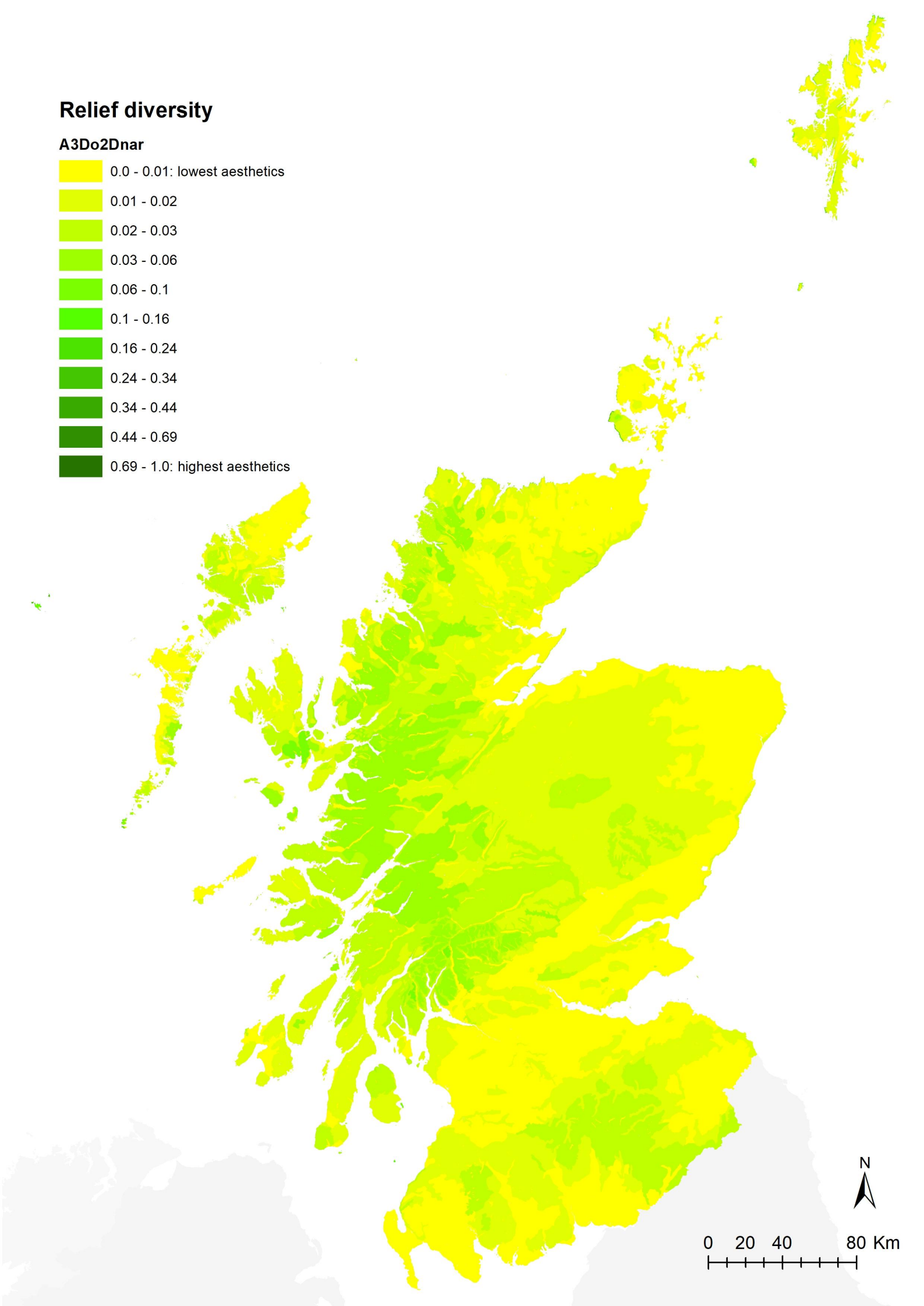
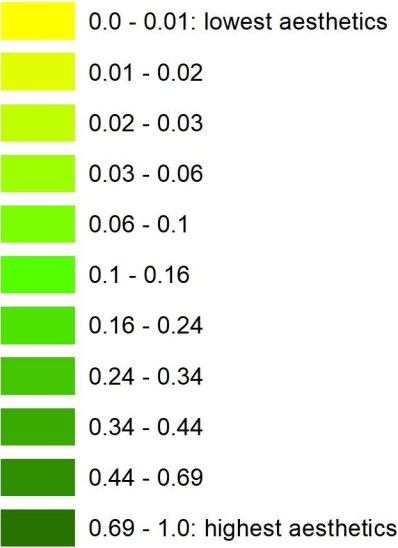
# Prototype map of Aesthetics for selected bio-physical aspects

LCAspGather6



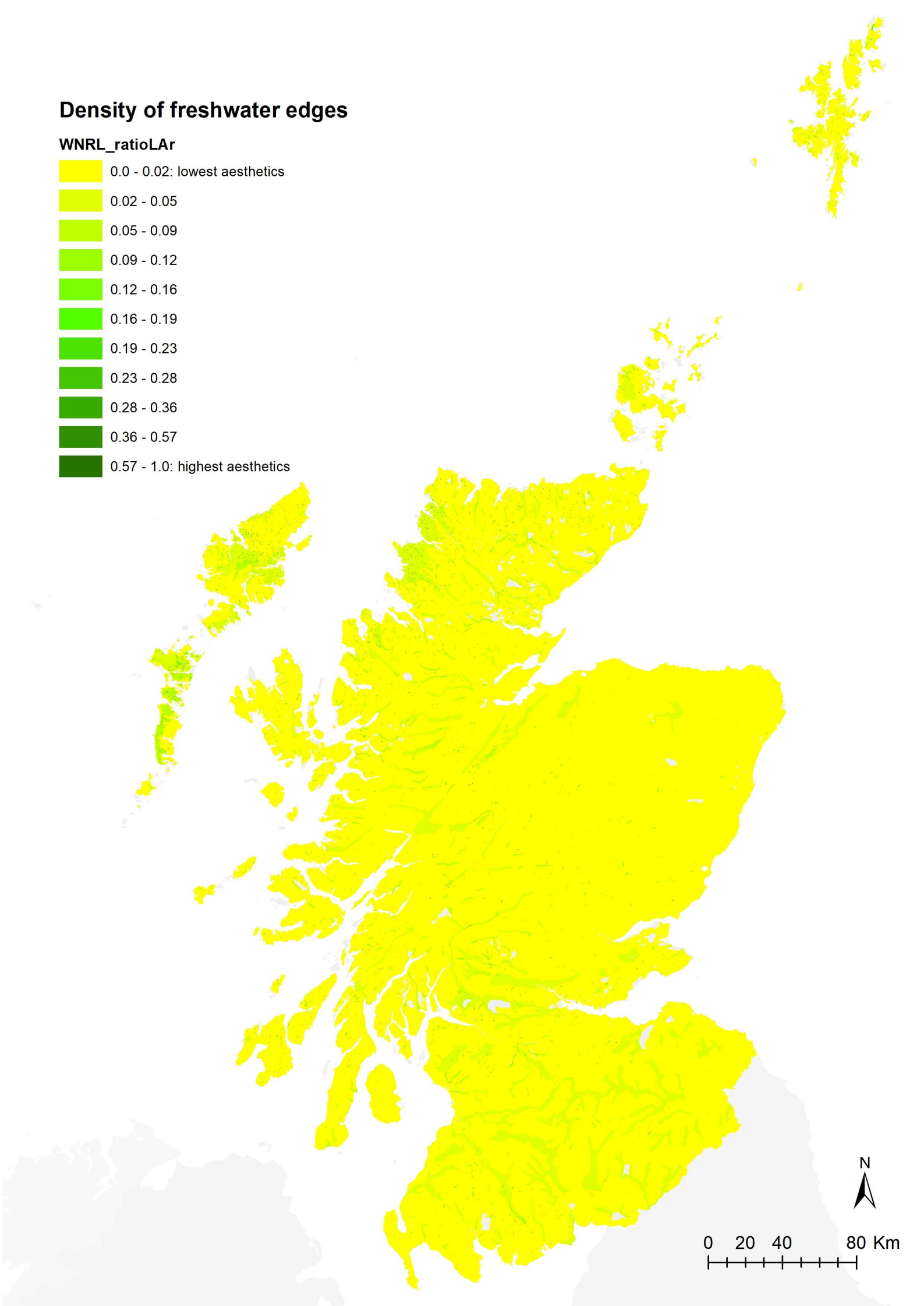
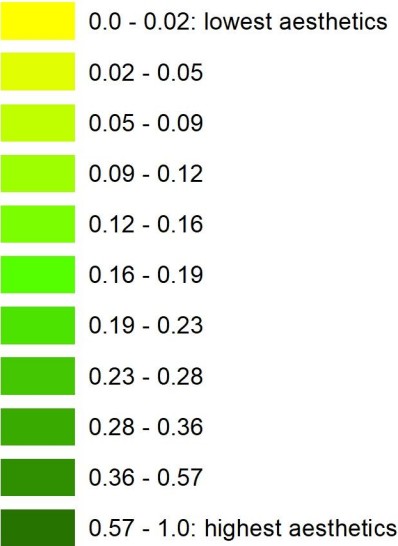
# Relief diversity

A3Do2Dnar



# Density of freshwater edges

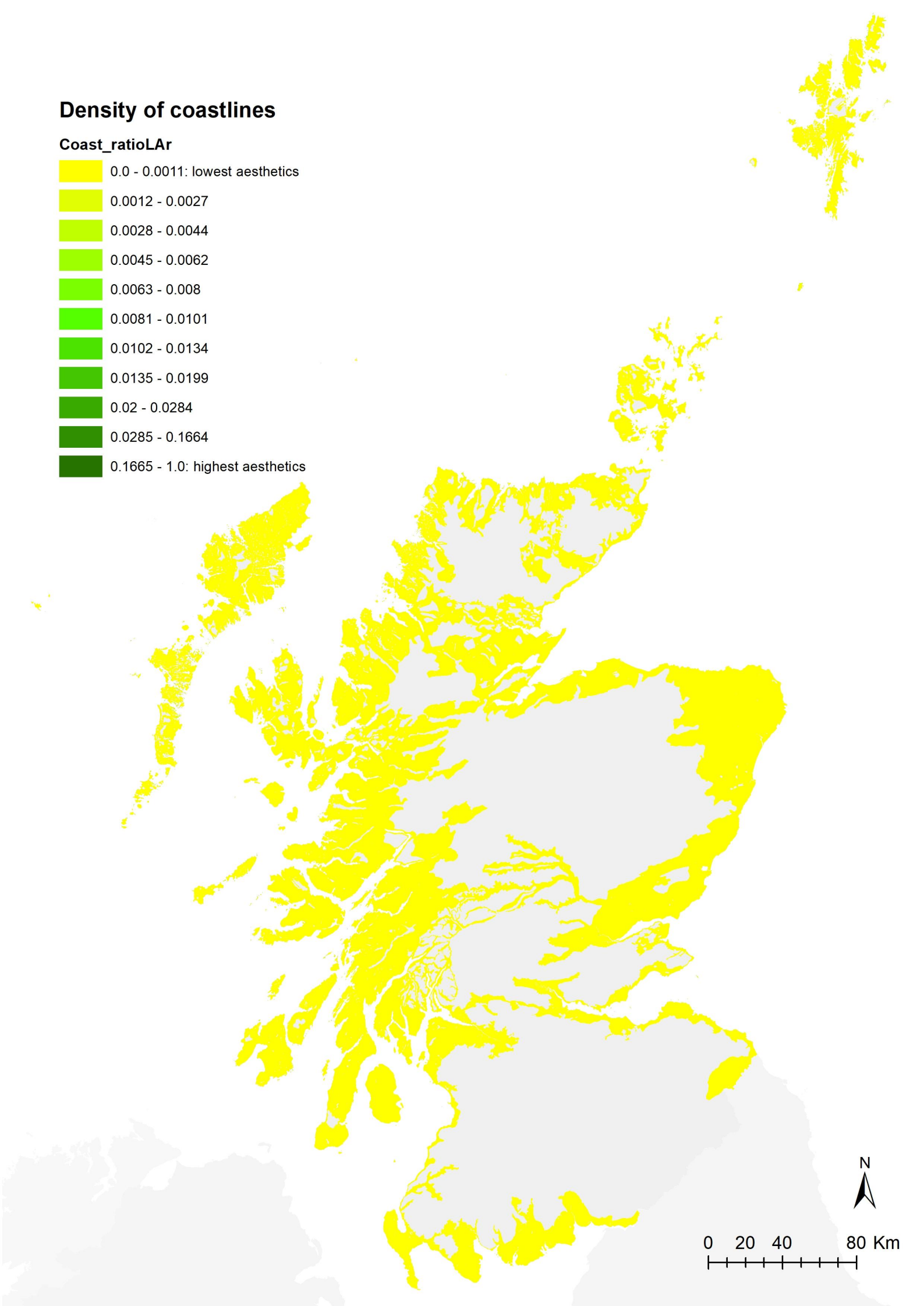
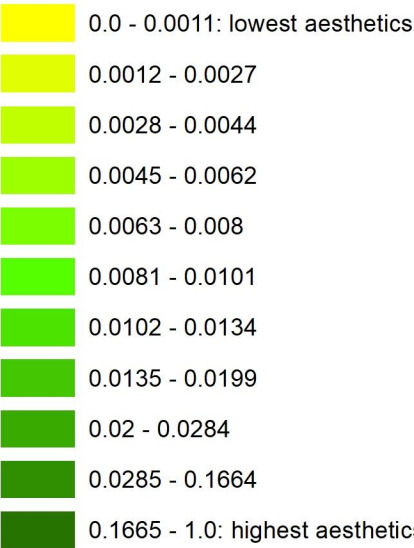
WNRL\_ratioLAr





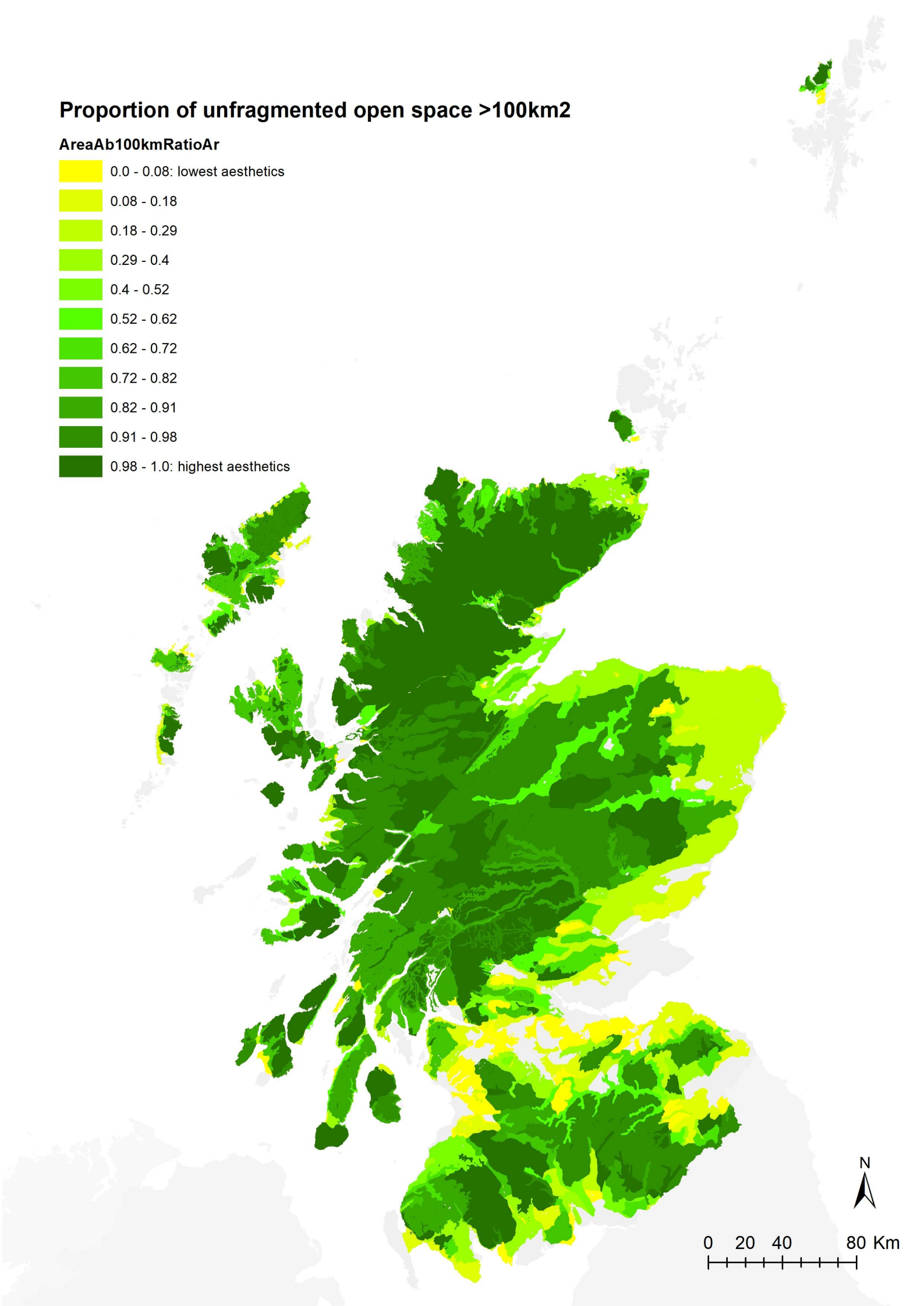
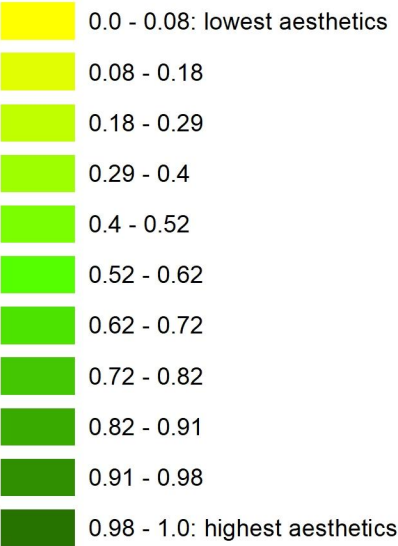
# Density of coastlines

Coast\_ratioLAr



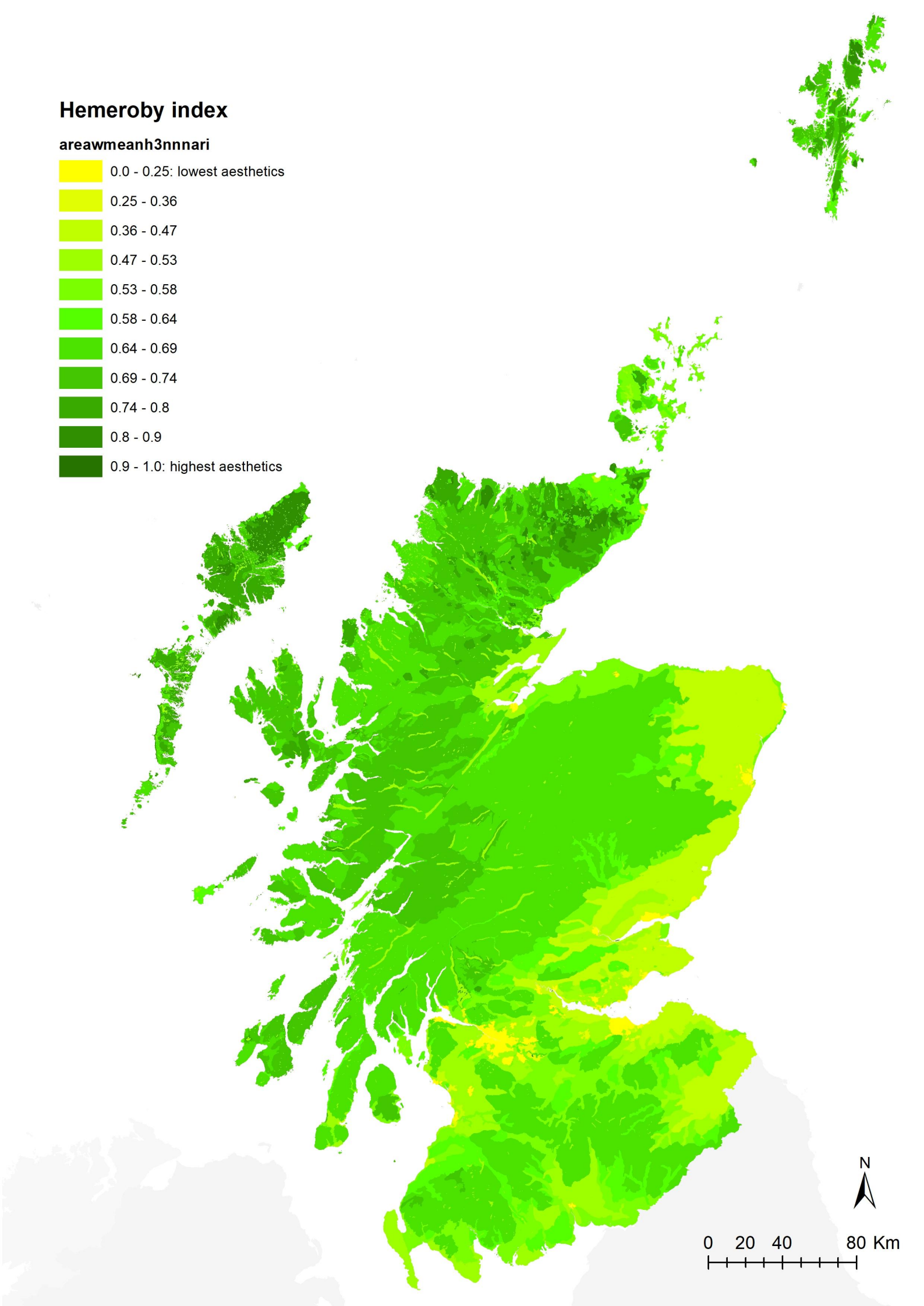
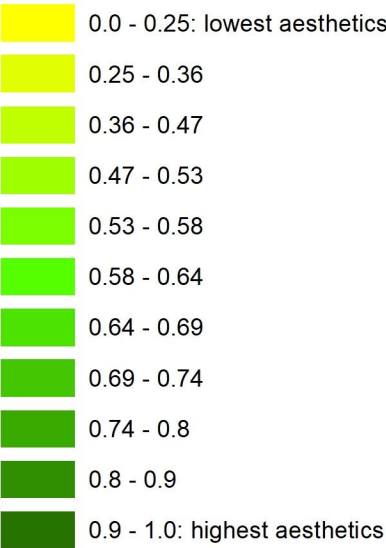
# Proportion of unfragmented open space >100km2

AreaAb100kmRatioAr



# Hemeroby index

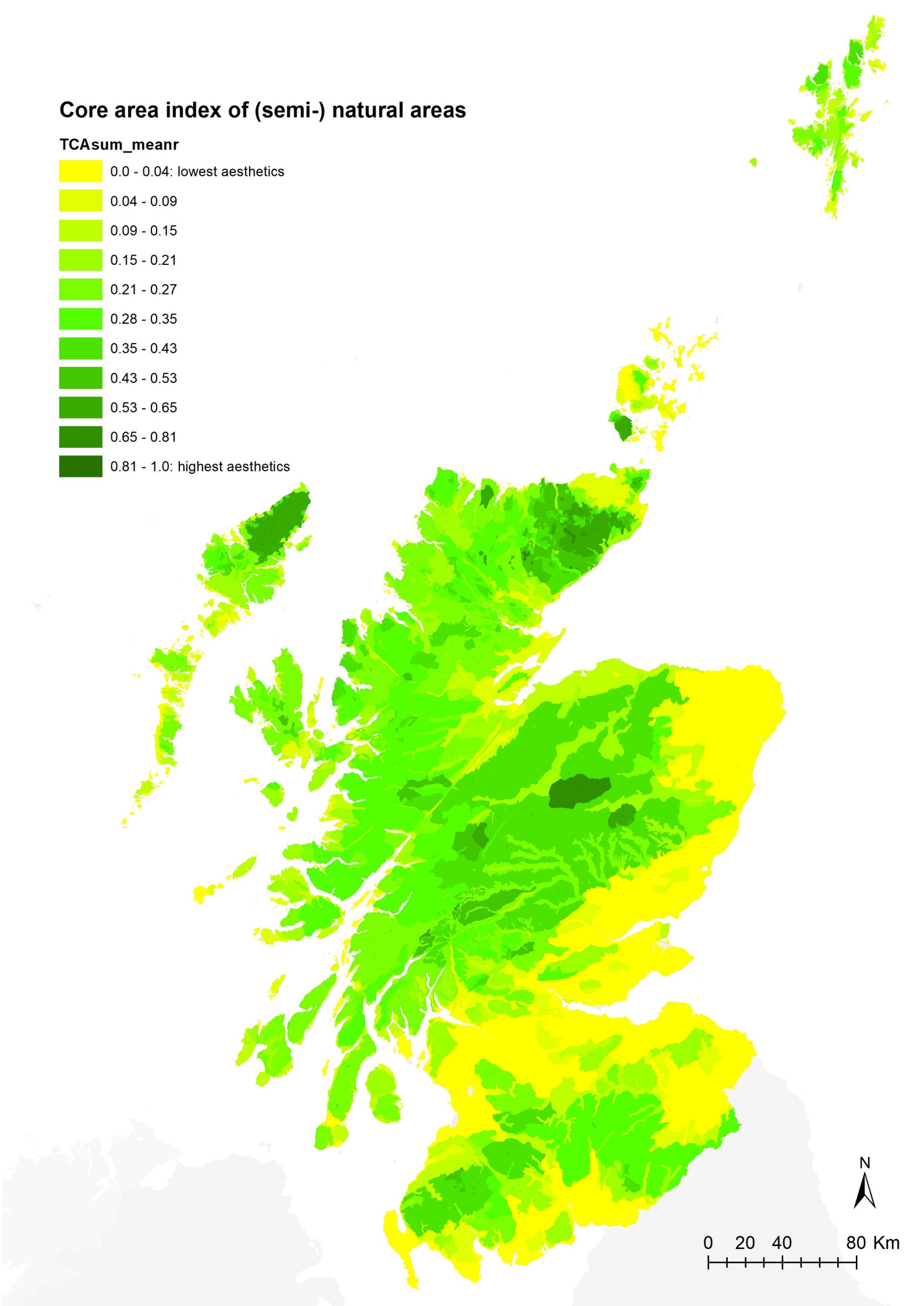
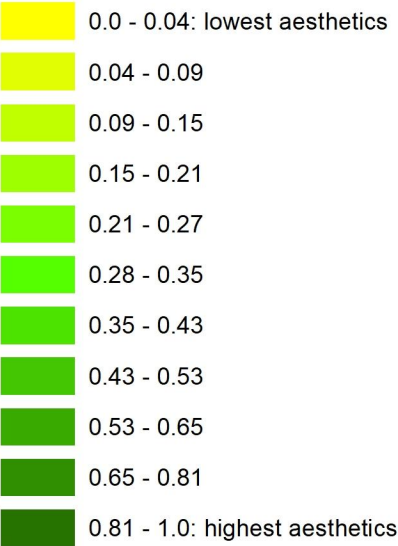
areawmeanh3nnnari





# Core area index of (semi-) natural areas

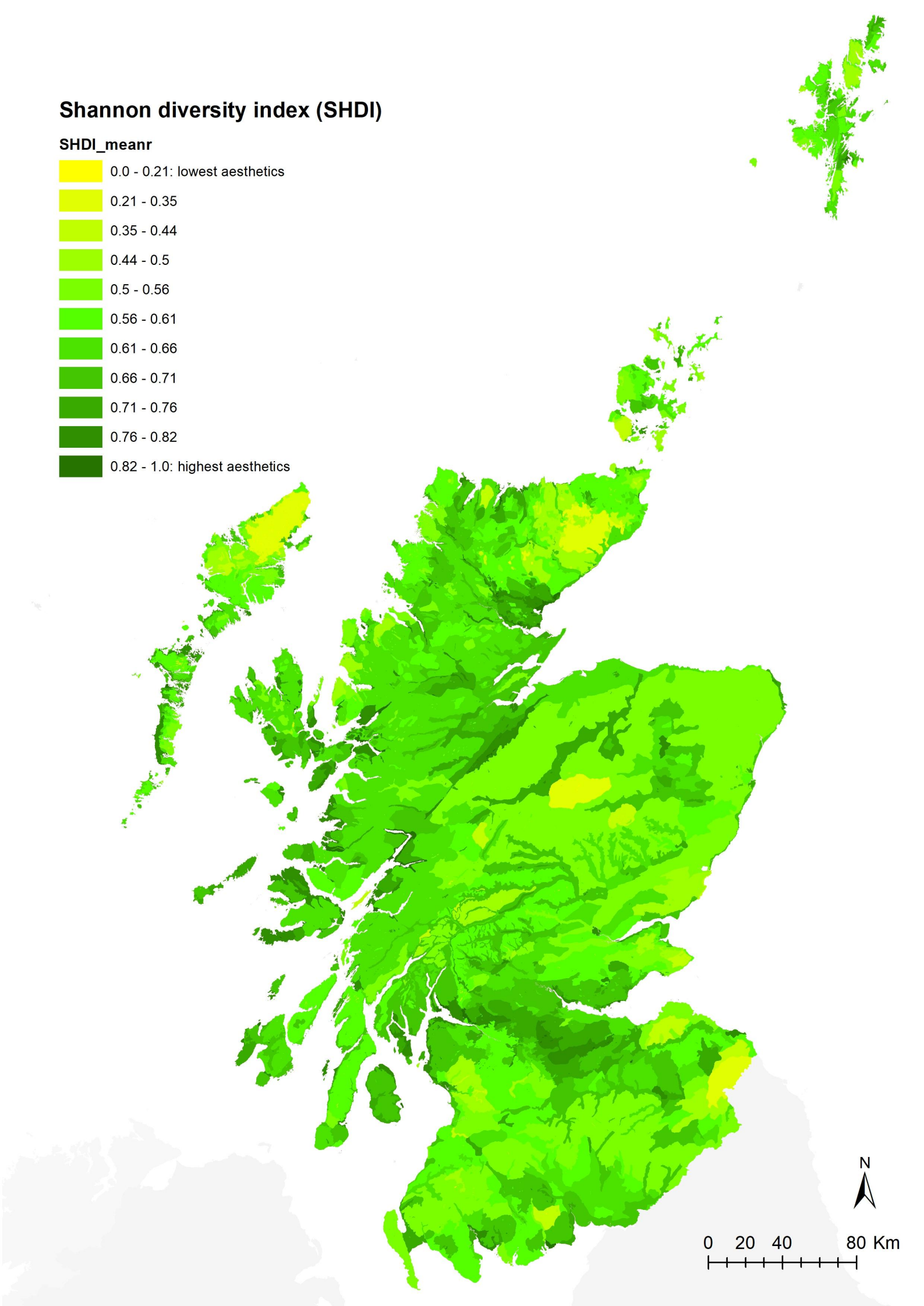
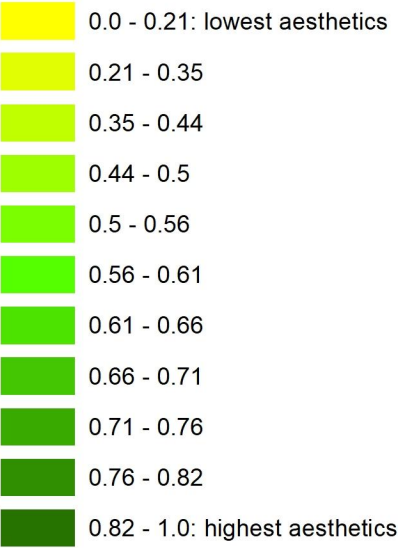
TCAsum\_meanr





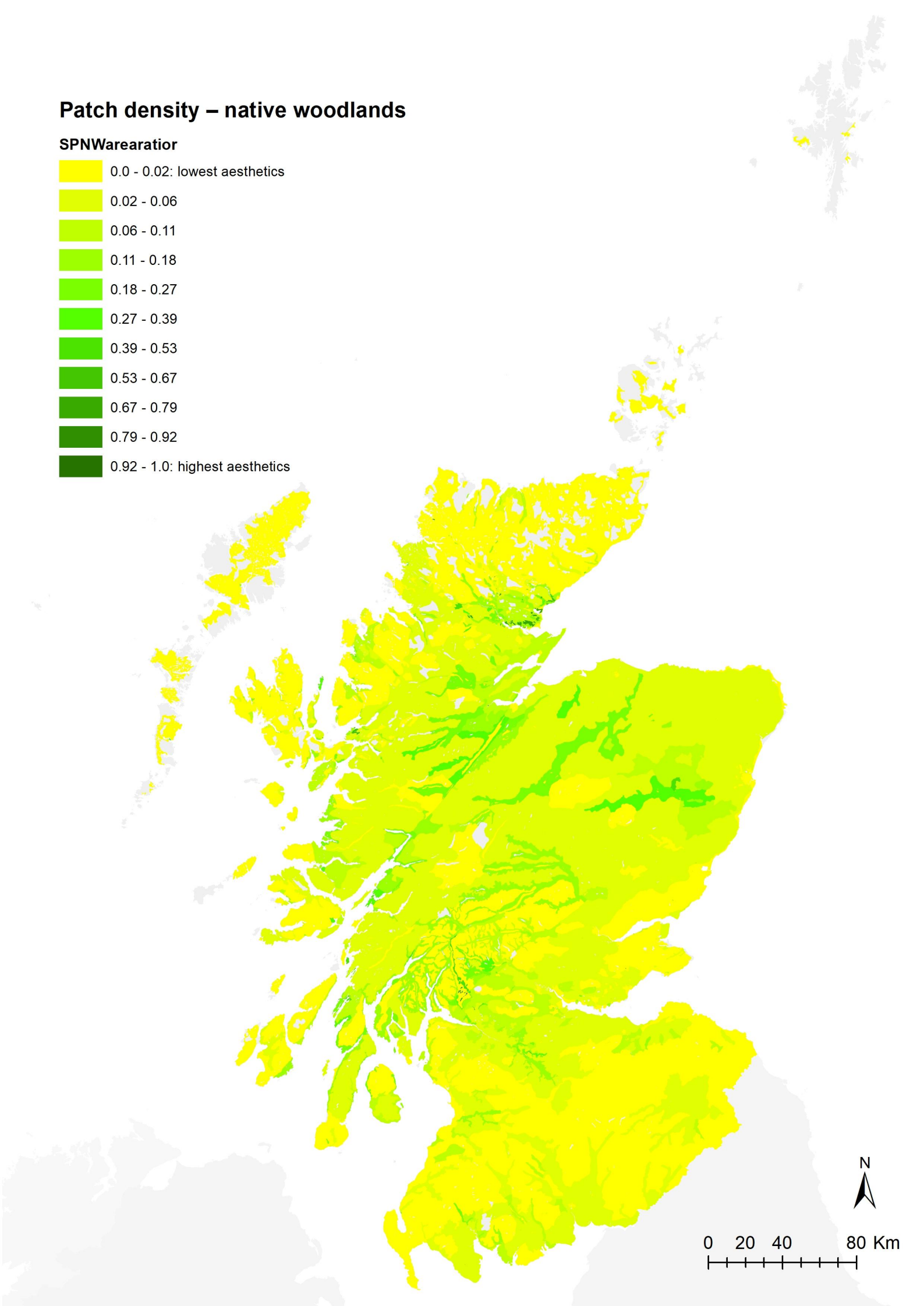
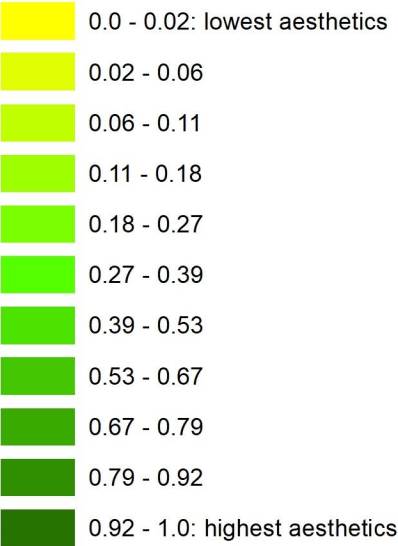
# Shannon diversity index (SHDI)

SHDI\_meanr



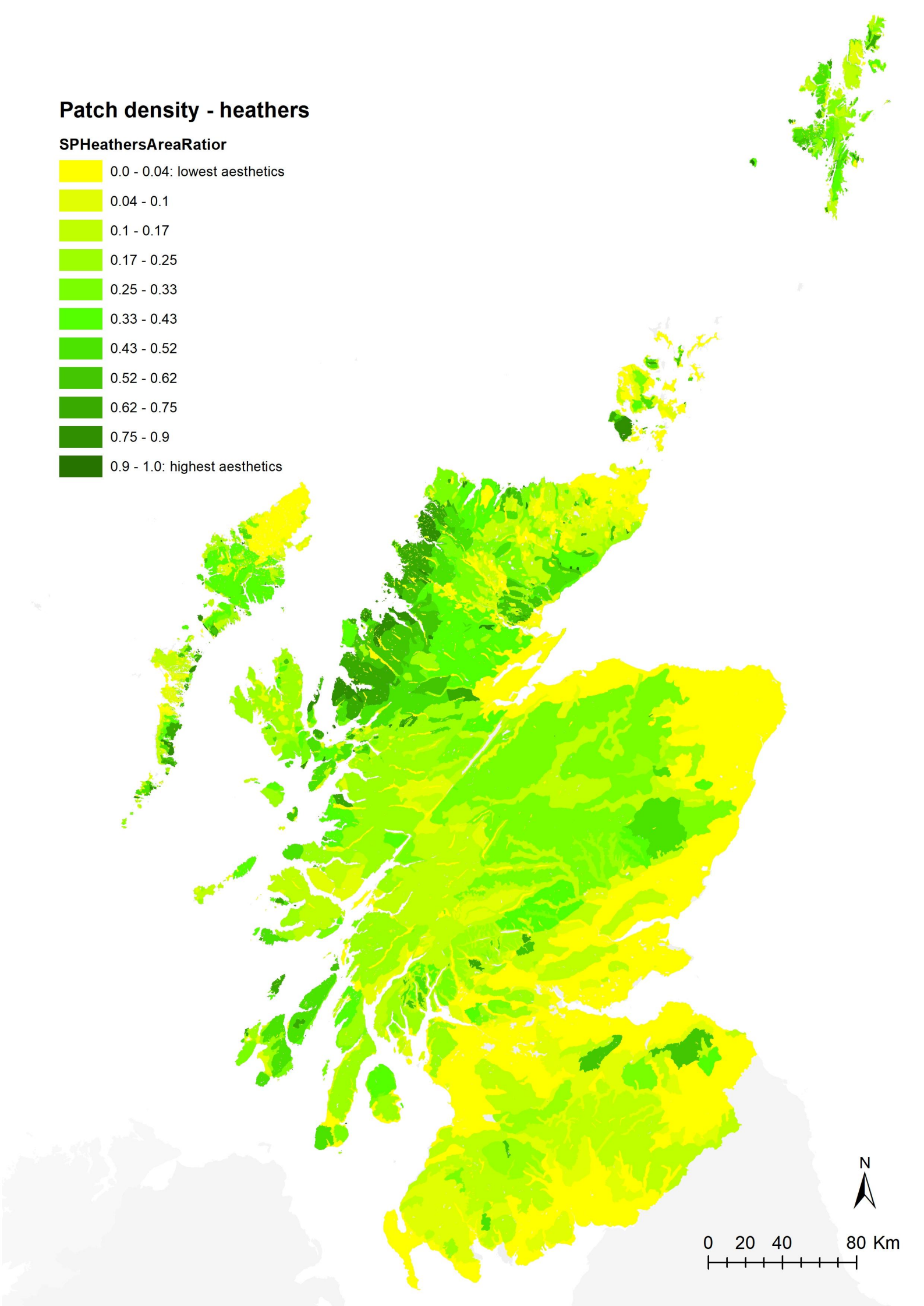
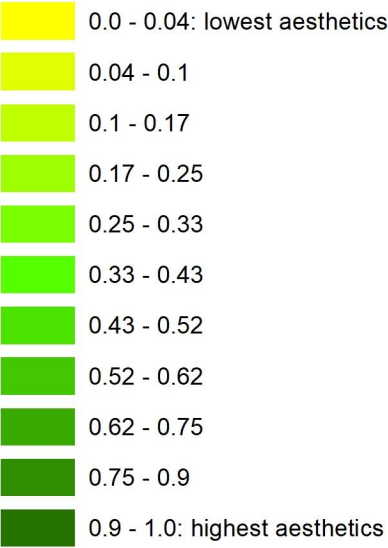
# Patch density – native woodlands

SPNWarearation



# Patch density - heathers

SPHeathersAreaRatior





# Density of forest-dominated ecotones

WoodEco\_ratioLAr

