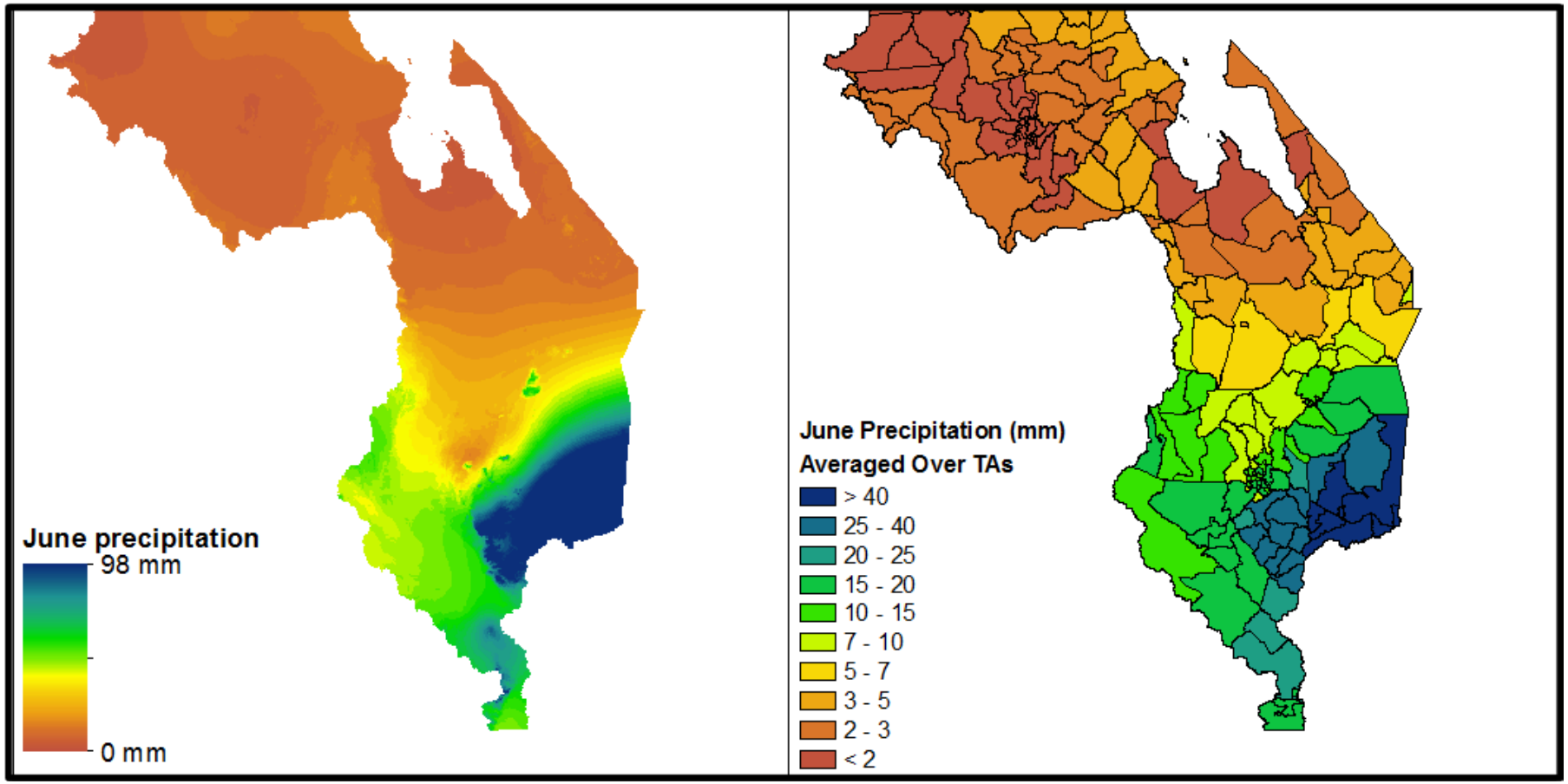
Raster → Area-Level

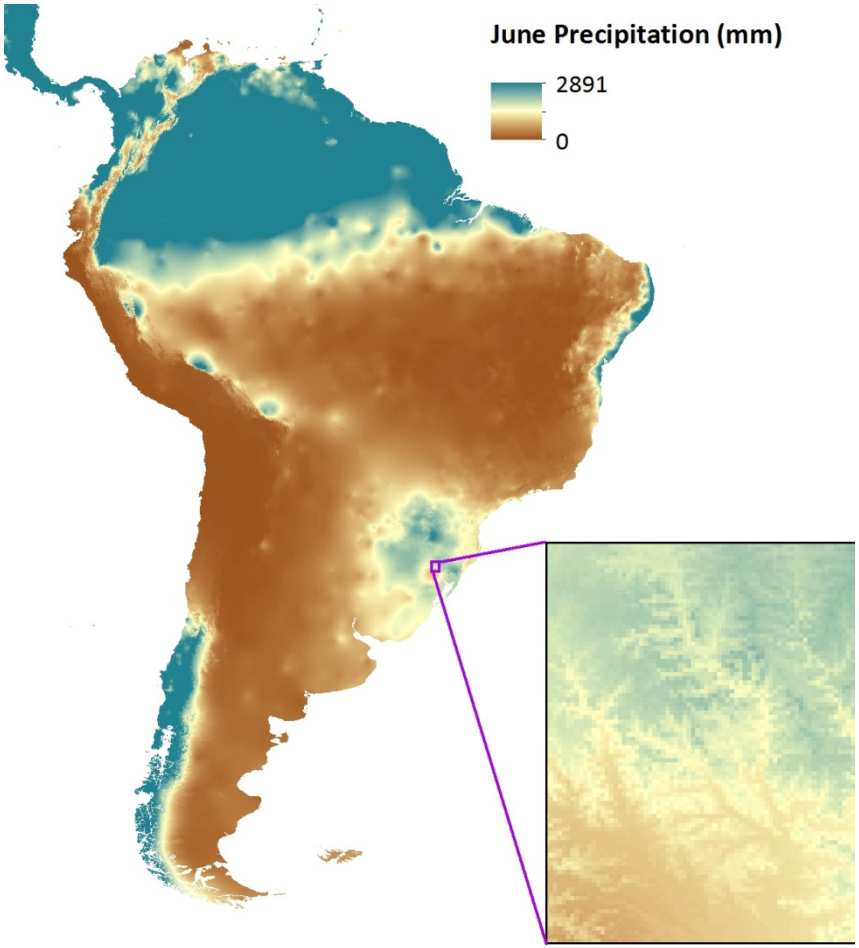
Area-Level Summary of Raster Data

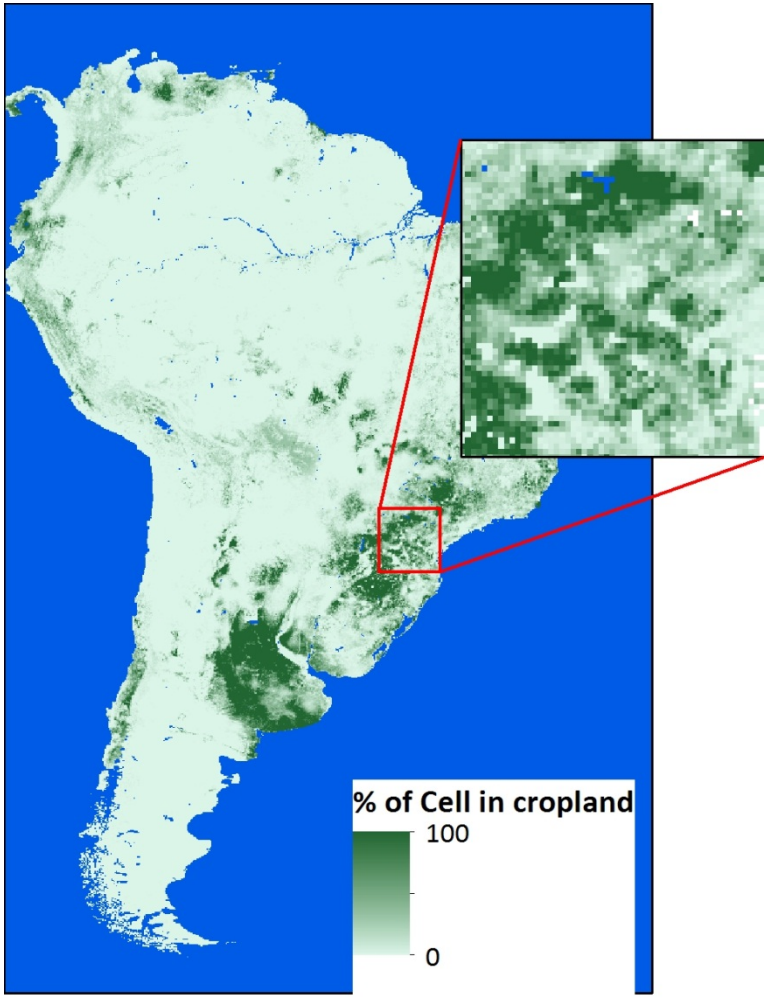


Assign one value to each geographic unit, based on values of grid cells within that unit

Types of Raster Data

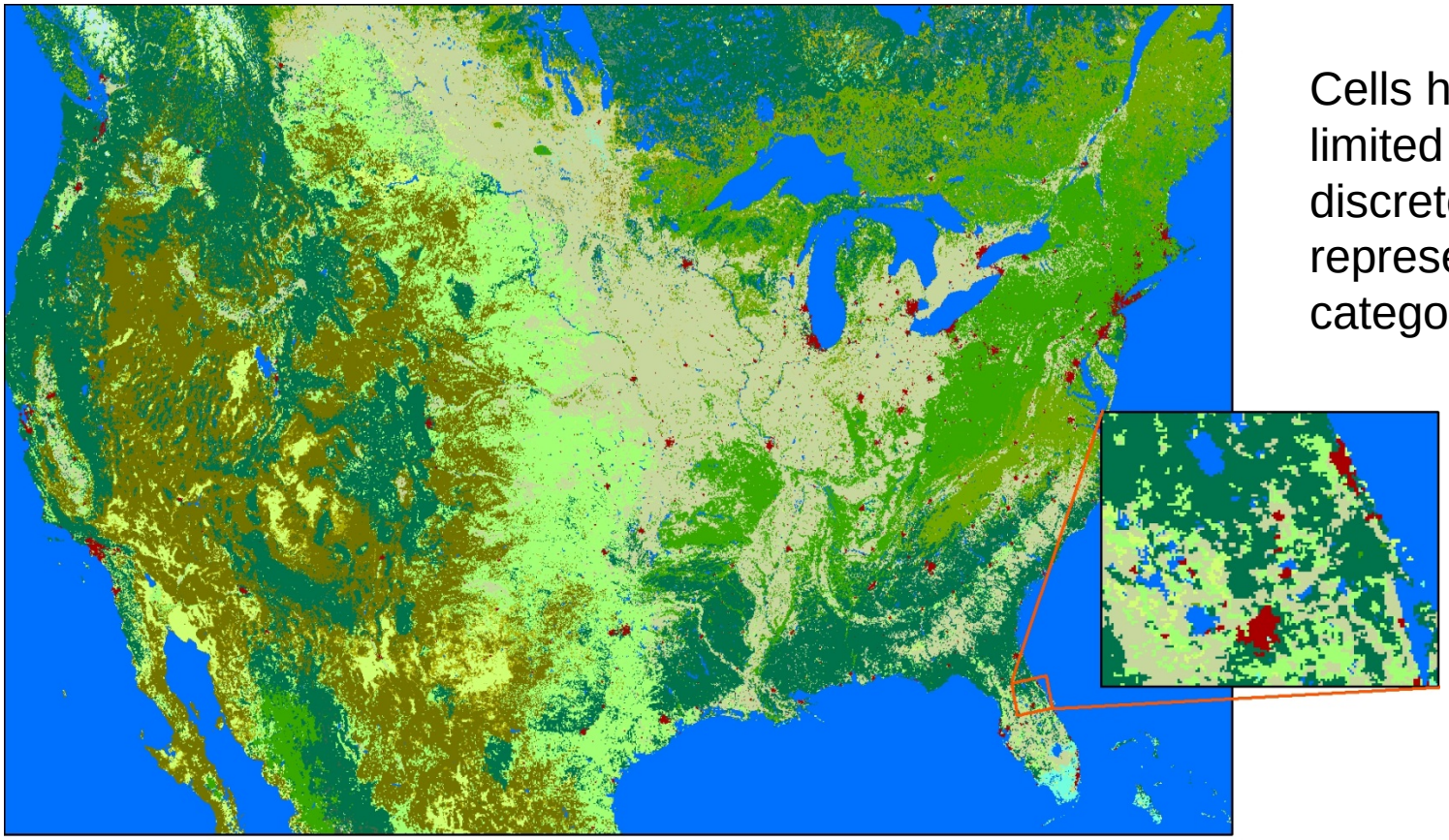
Continuous





Cells have numerical values representing a measurement

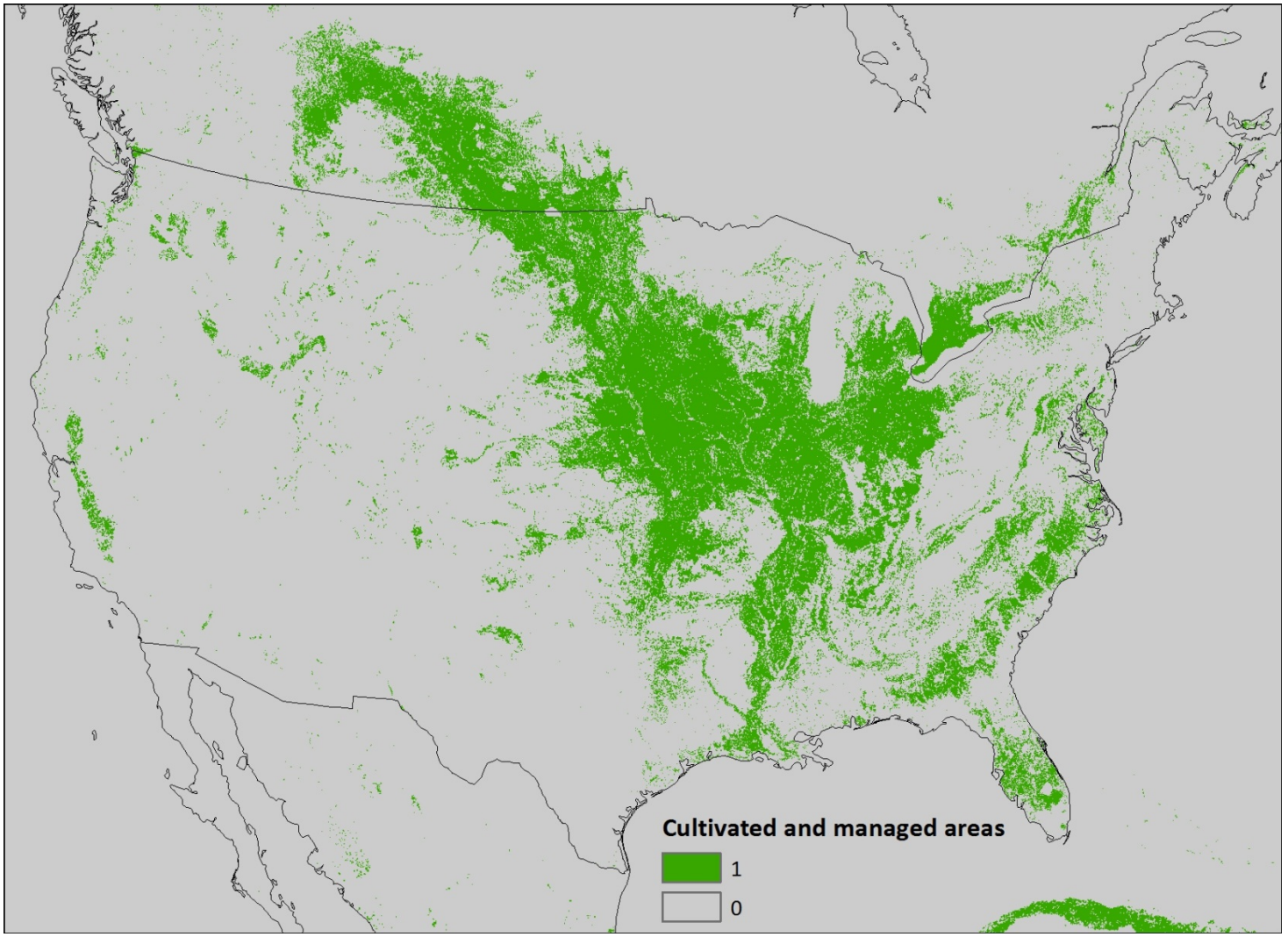
Categorical



Cells have a limited set of discrete values representing categories

- Tree cover, broadleaved, evergreen
- Tree Cover, broadleaved, deciduous, closed
- Tree Cover, broadleaved, deciduous, open
- Tree Cover, needle-leaved, evergreen
- Tree Cover, needle-leaved, deciduous
- Tree Cover, mixed leaf type
- Tree Cover, regularly flooded, fresh
- Tree Cover, regularly flooded, saline
- Mosaic: Tree cover / Other natural vegetation
- Tree Cover, burnt
- Shrub Cover, closed-open, evergreen
- Shrub Cover, closed-open, deciduous
- Herbaceous Cover, closed-open
- Sparse Herbaceous or sparse shrub cover
- Regularly flooded shrub and/or herbaceous cover
- Cultivated and managed ares
- Mosaic: Cropland / Tree Cover / Other Natural Vegetation
- Mosaic: Cropland / Shrub and/or Herbaceous cover
- Bare Areas
- Water Bodies
- Snow and Ice
- Artificial surfaces and associated areas
- No data

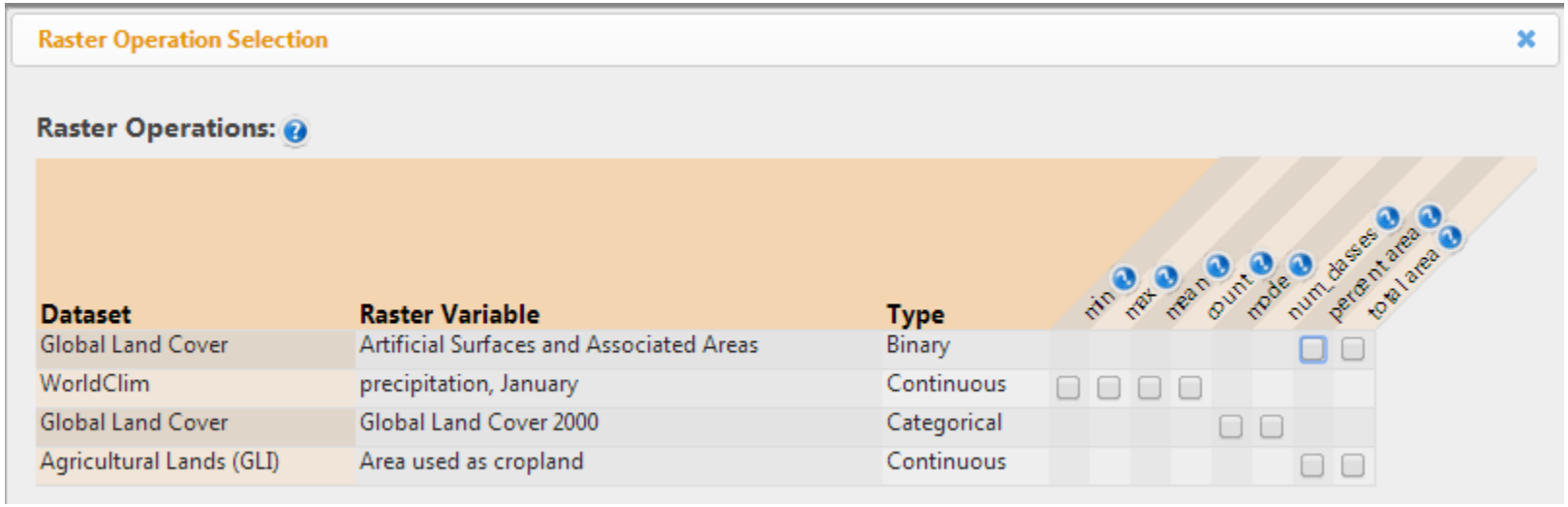
Binary



Cells have value 1 or 0, indicating presence or absence

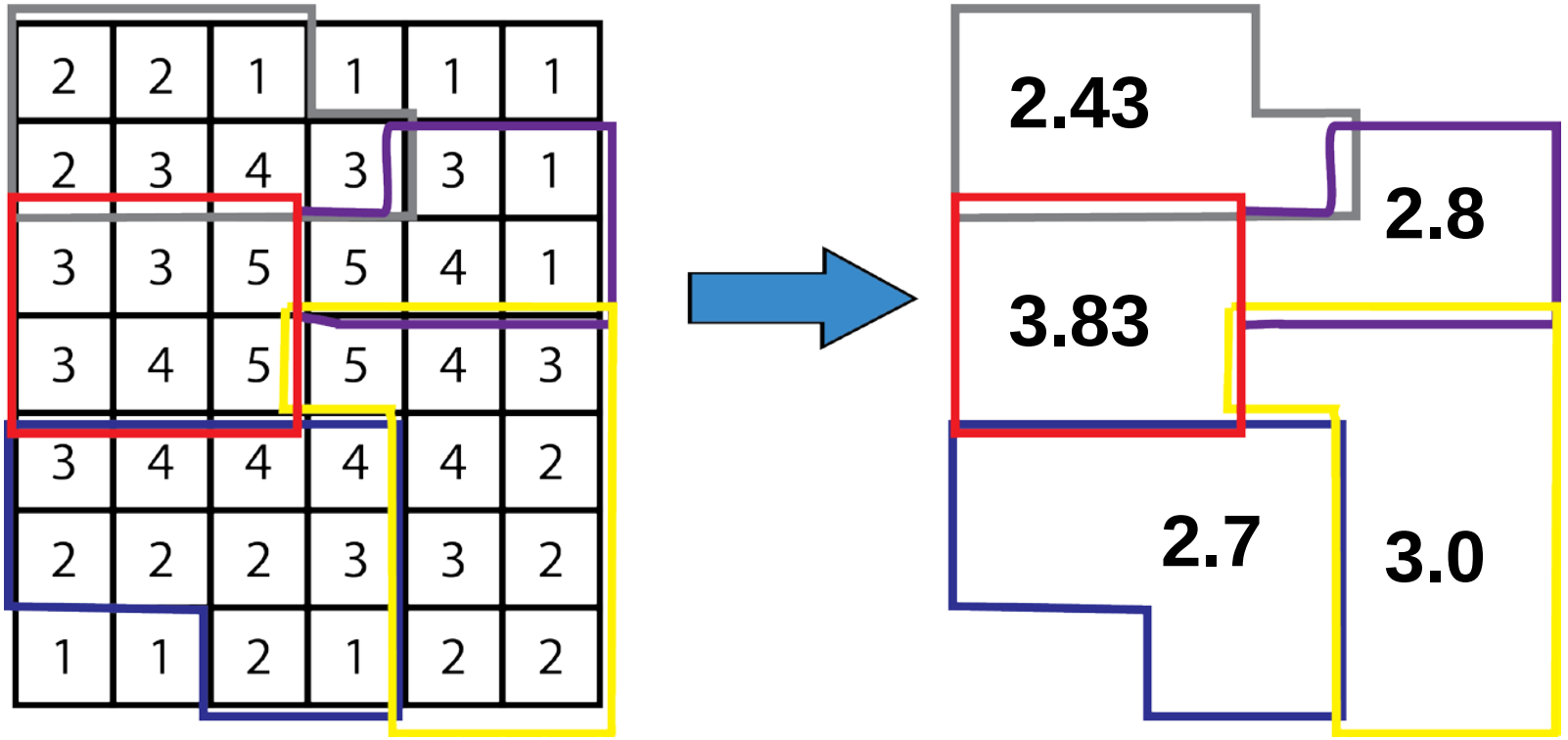
Summary Operations

Operations depend on raster type

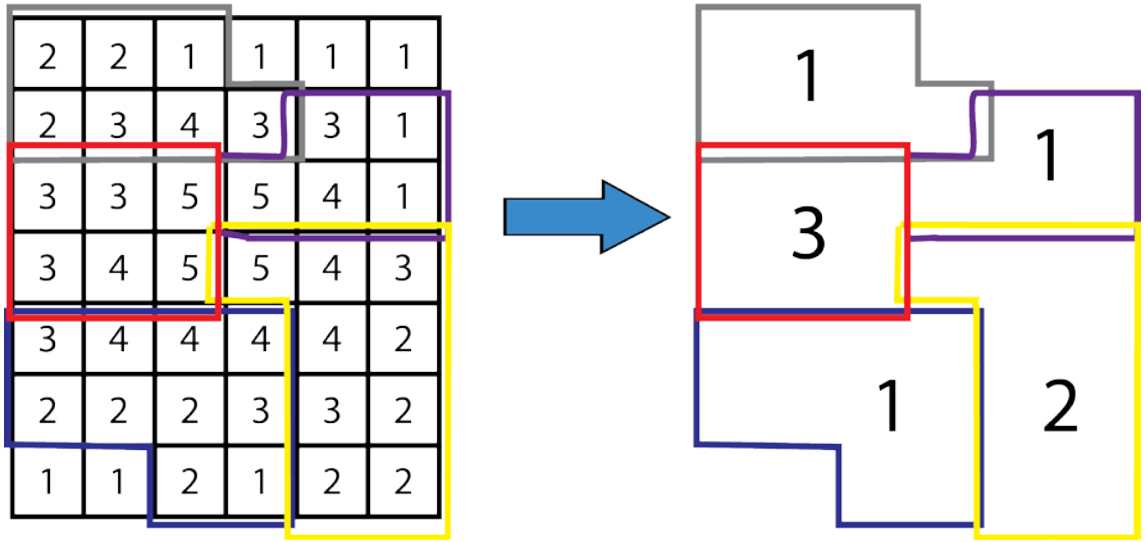


Mean

Average value of cells in each geographic unit (continuous)



Min & Max

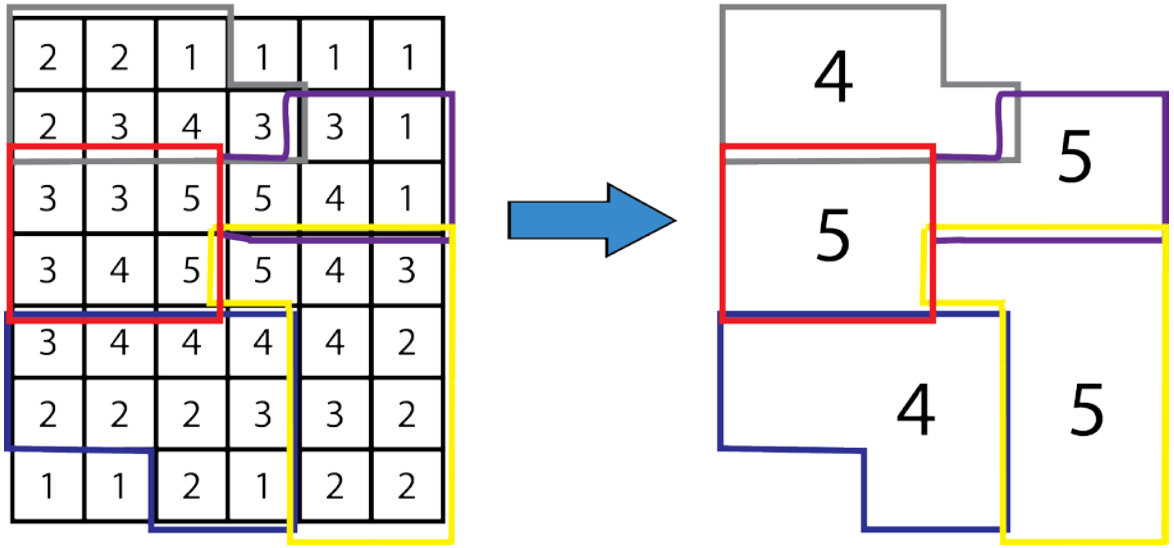


Minimum

Lowest / Highest cell value in each geographic unit

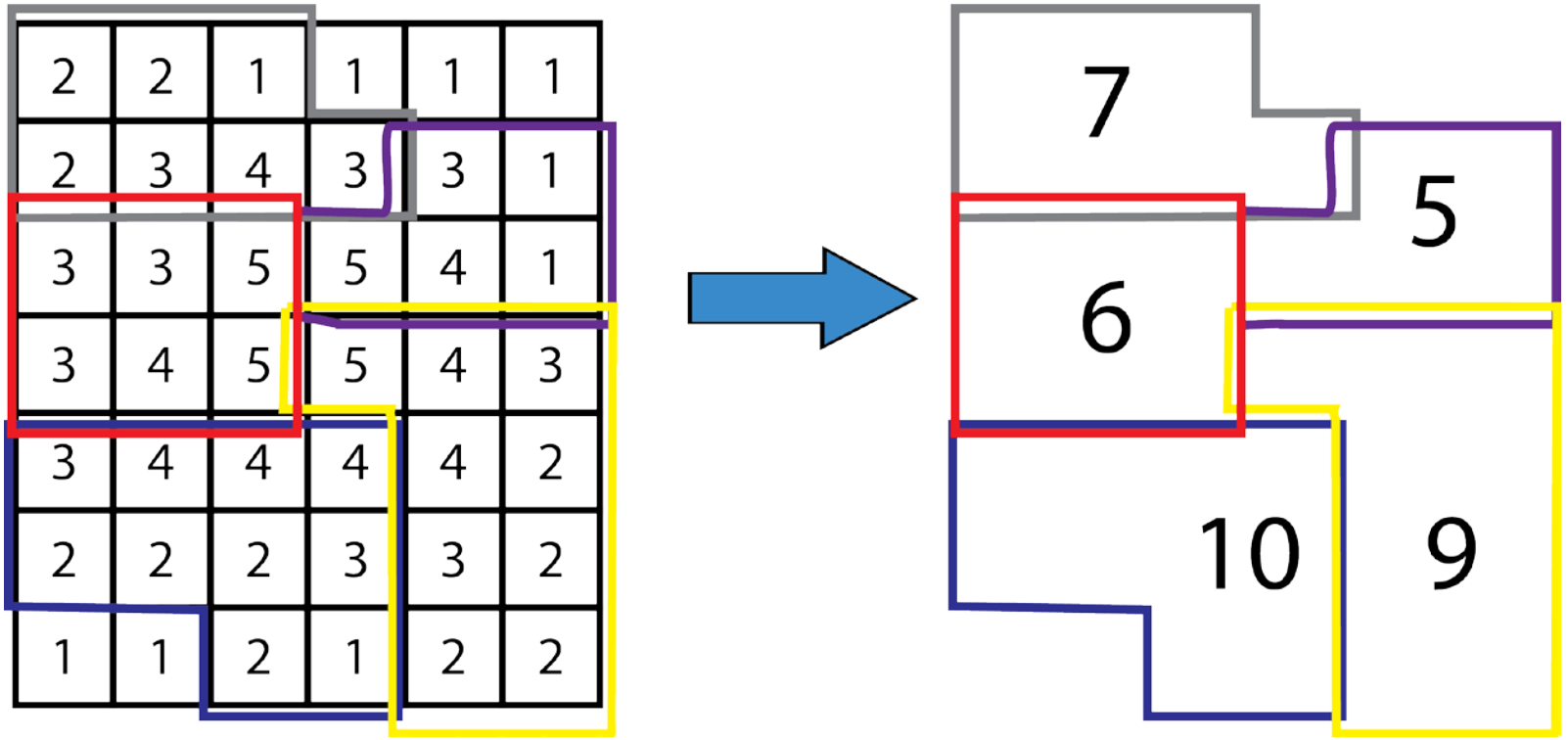
(continuous)

Maximum



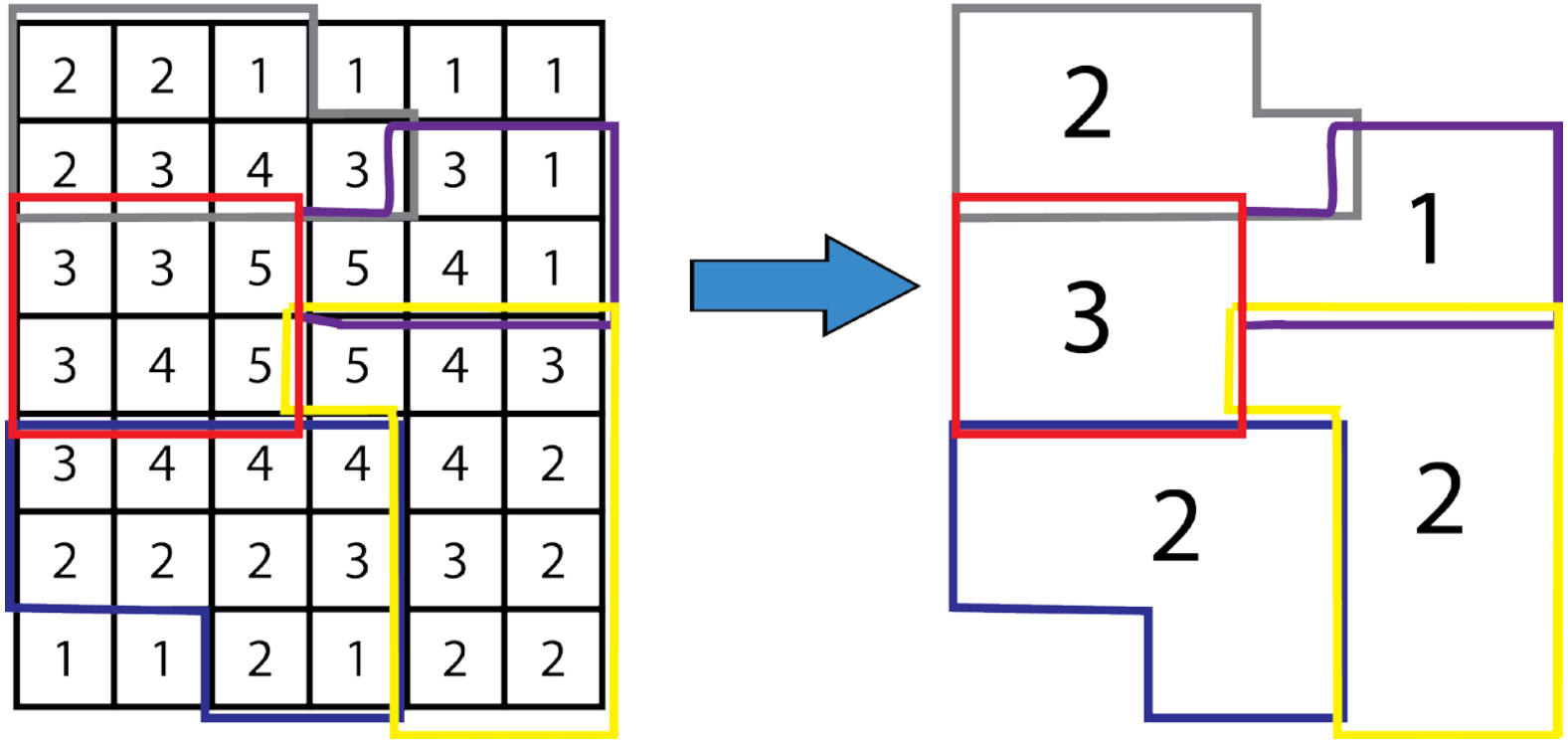
Count

Number of cells in each geographic unit



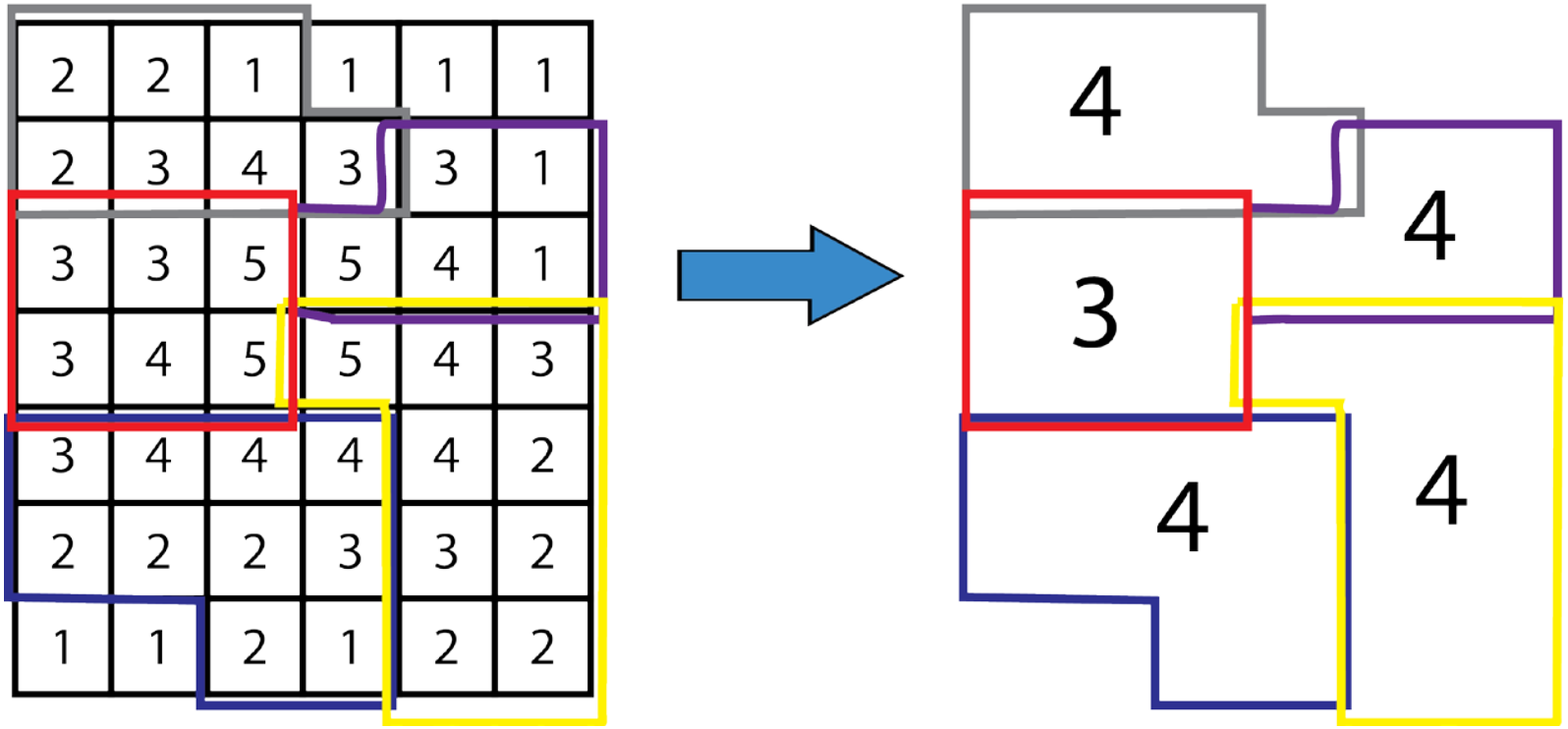
Mode

Cell value occurring most often in each geographic unit (categorical)



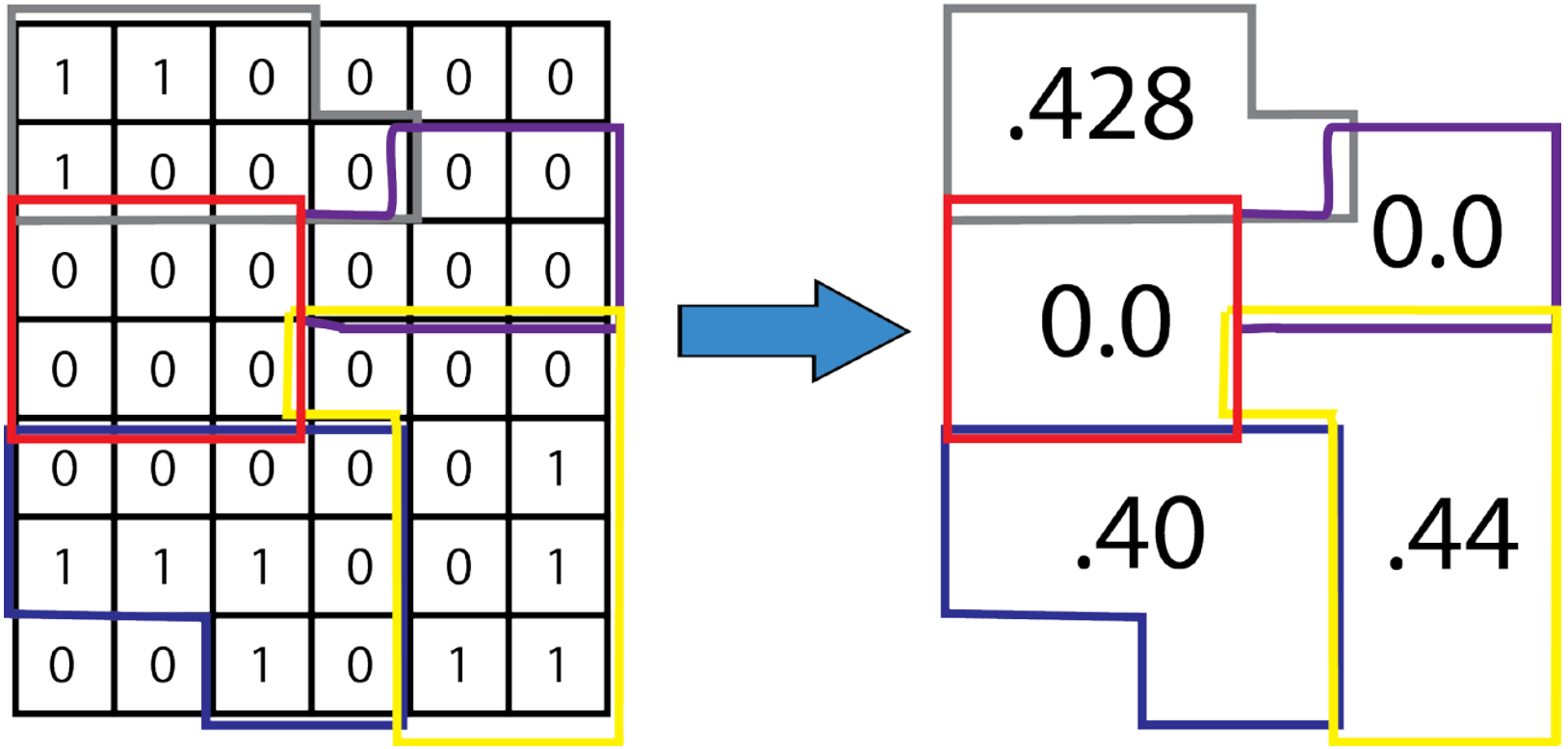
Num_Clases

Number of unique cell values in each geographic unit (categorical)



Percent Area

Proportion of each geographic unit with a particular land use/land cover (binary, continuous representing area)



Total Area

Total area within each geographic unit with a particular land use/land cover
(binary, continuous representing area)