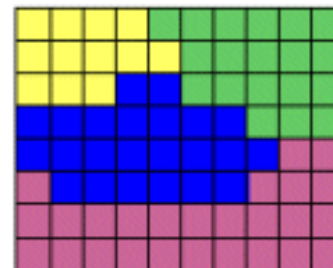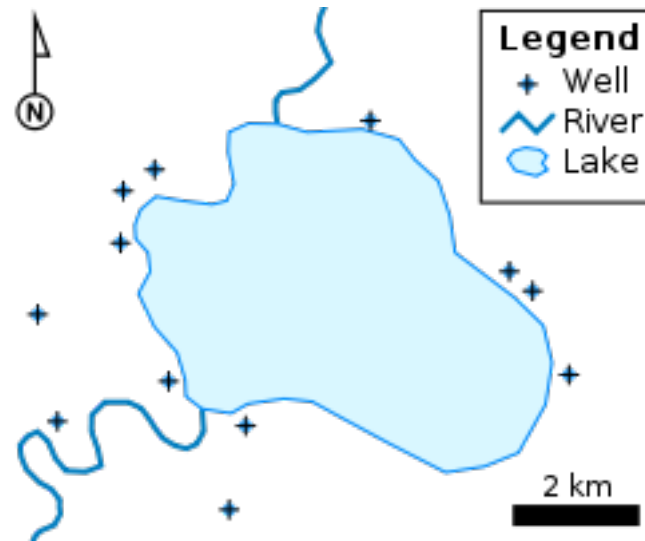# GIS in R
Lecture 2

Marie Auger-Méthé

Ocean Tracking Network

Dalhousie University

Topics of today

- Vector data:
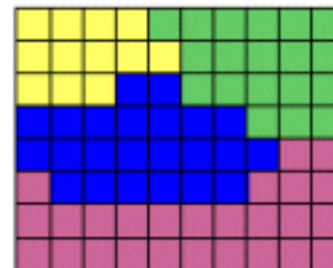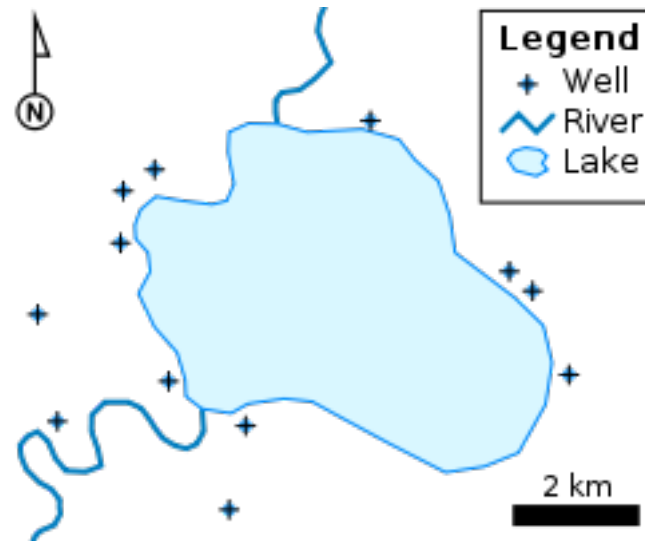 - Lines
  - Polygons

Data type

- Vector data
  - Points
  - Lines
  - Polygon
- Raster data

Data type

- Vector data
  - Points
  - Lines
  - Polygon
- Raster data

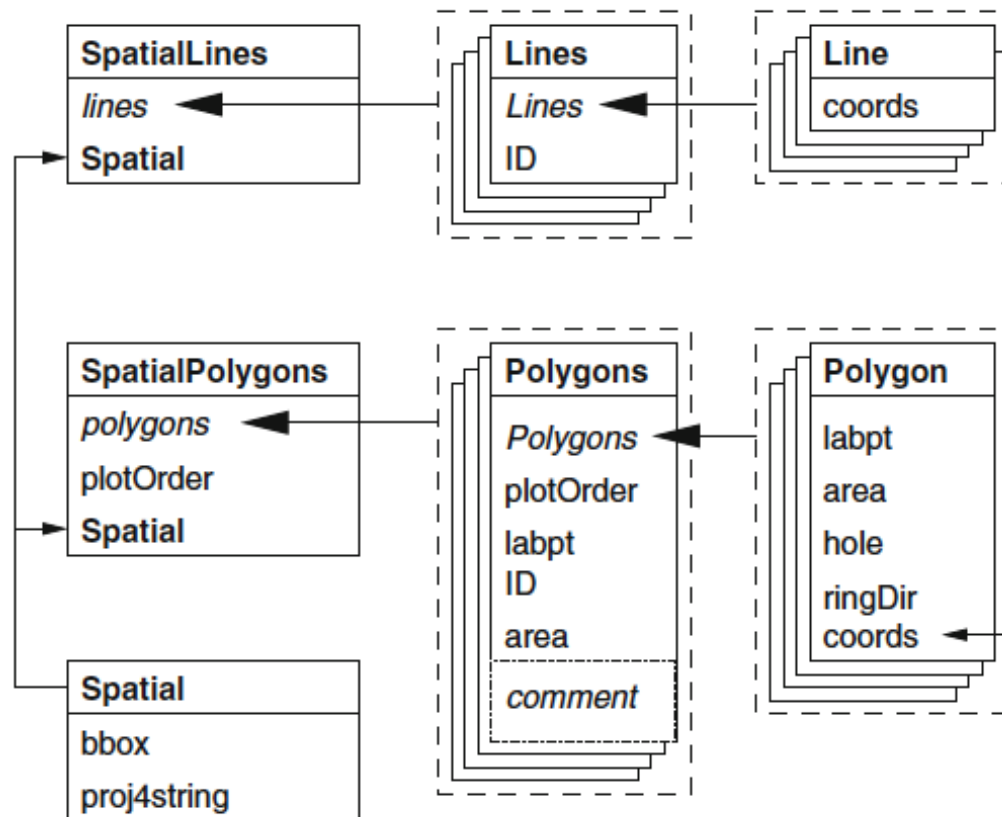# SpatialLines and SpatialPolygons

Fig. 2.4 SpatialLines and SpatialPolygons classes and slots; *thin arrows* show subclass extensions, *thick arrows* the inclusion of lists of objects

From Bivand et al. 2013
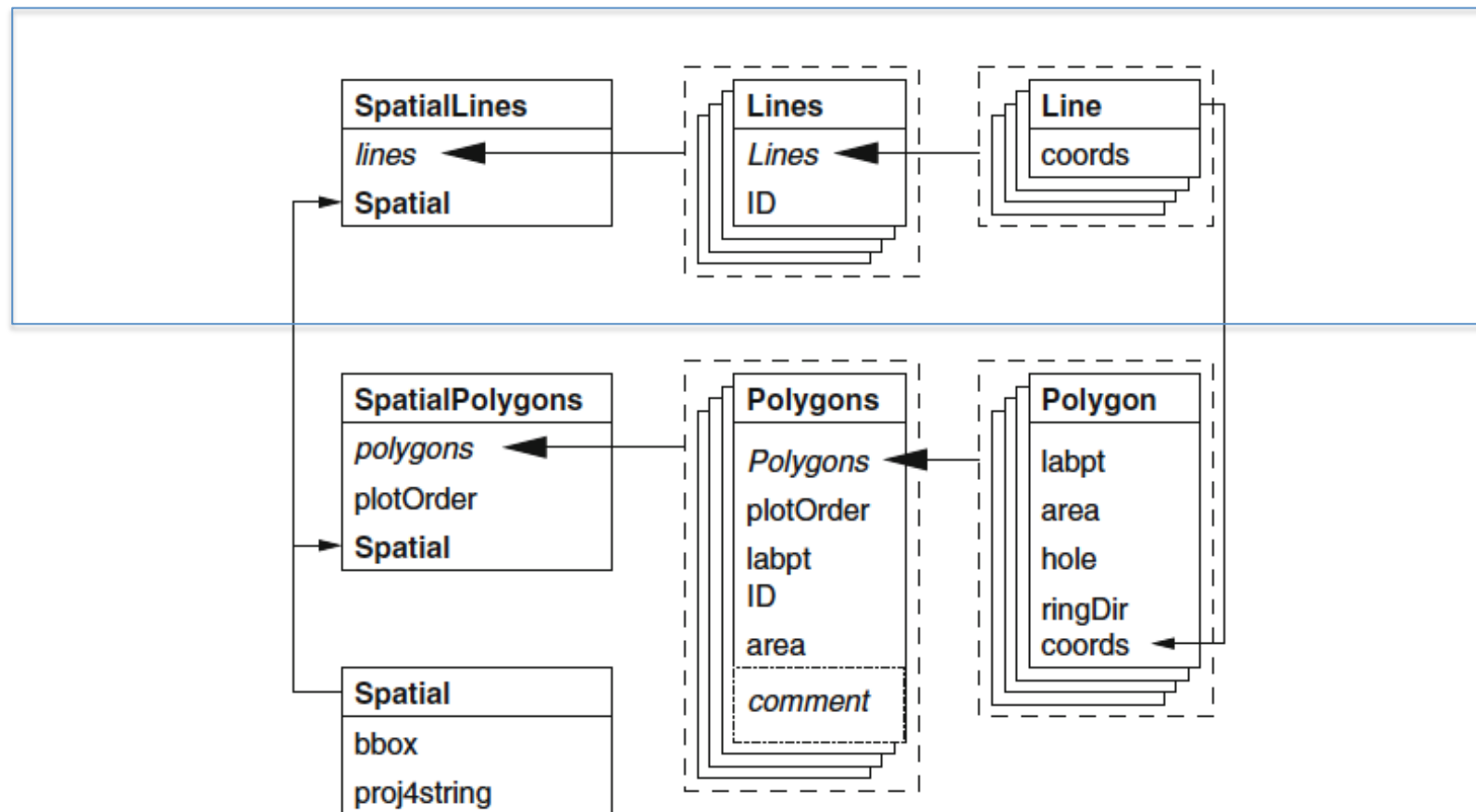
SpatialLines and SpatialPolygons

Fig. 2.4 SpatialLines and SpatialPolygons classes and slots; *thin arrows* show subclass extensions, *thick arrows* the inclusion of lists of objects

From Bivand et al. 2013

Attributes

- Answer question: ***what is where?***