# A View into CRAN TaskView

*Bruce Campbell*
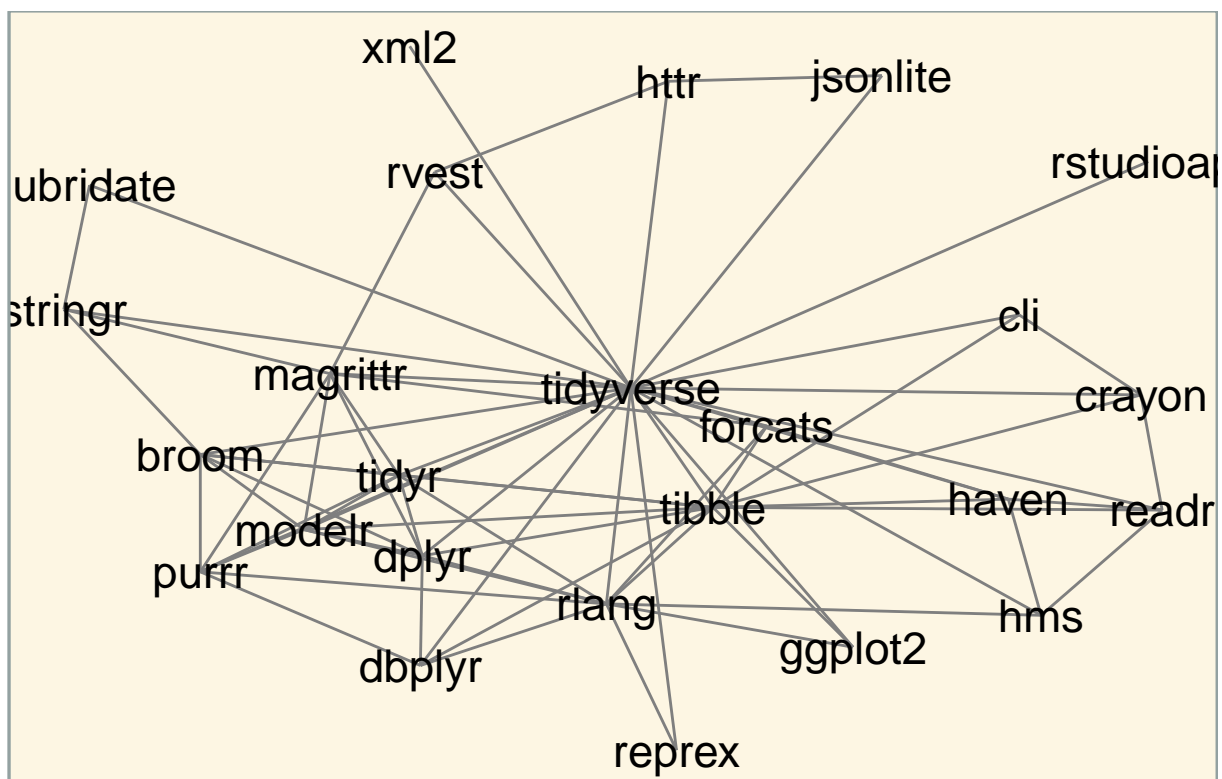
*4/8/2019*

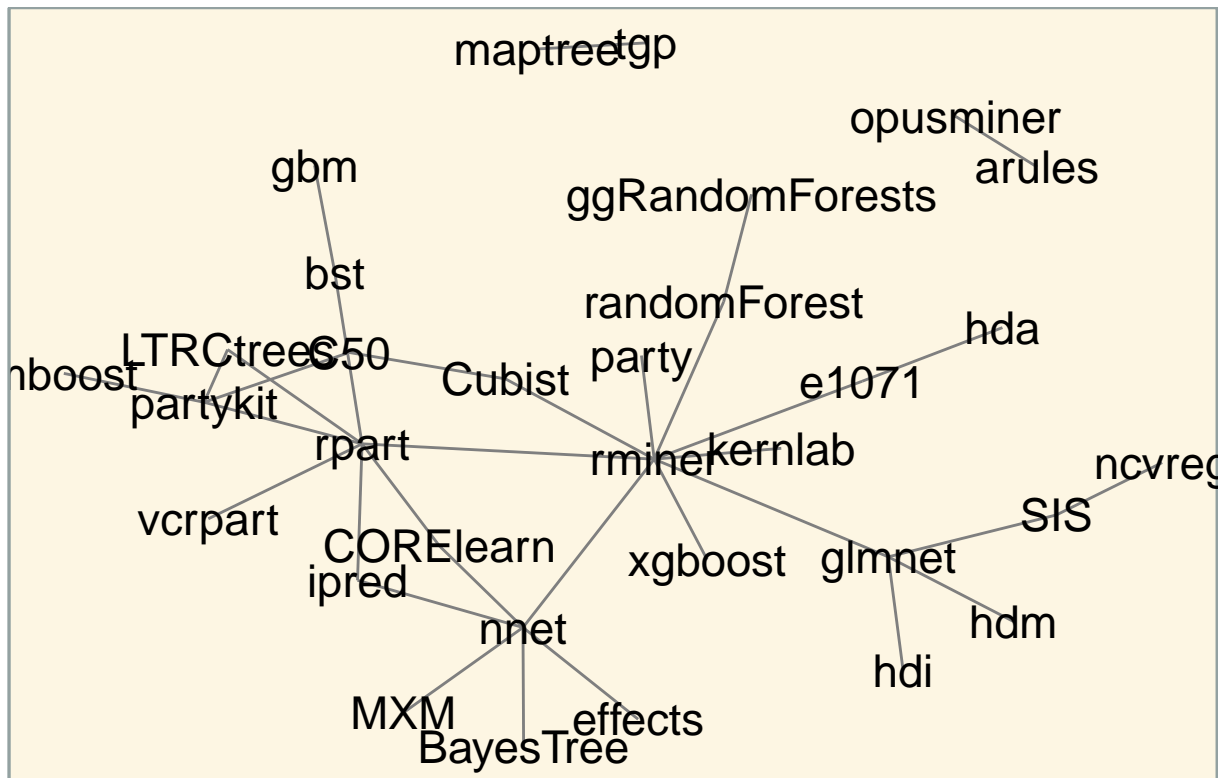**A view into package connectivity for Spatial modeling in R**

The ctv package gives us access to the Cran Task View repository. The package provides infrastructure for task views to CRAN-style repositories: Querying task views and installing the associated packages (client-side tools), generating HTML pages and storing task view information in the repository.

Let's load up the data for the tidyverse and visualize it. Then we'll look at the Machine Learnine,Spatial, and SpatioTemporal Task Views.
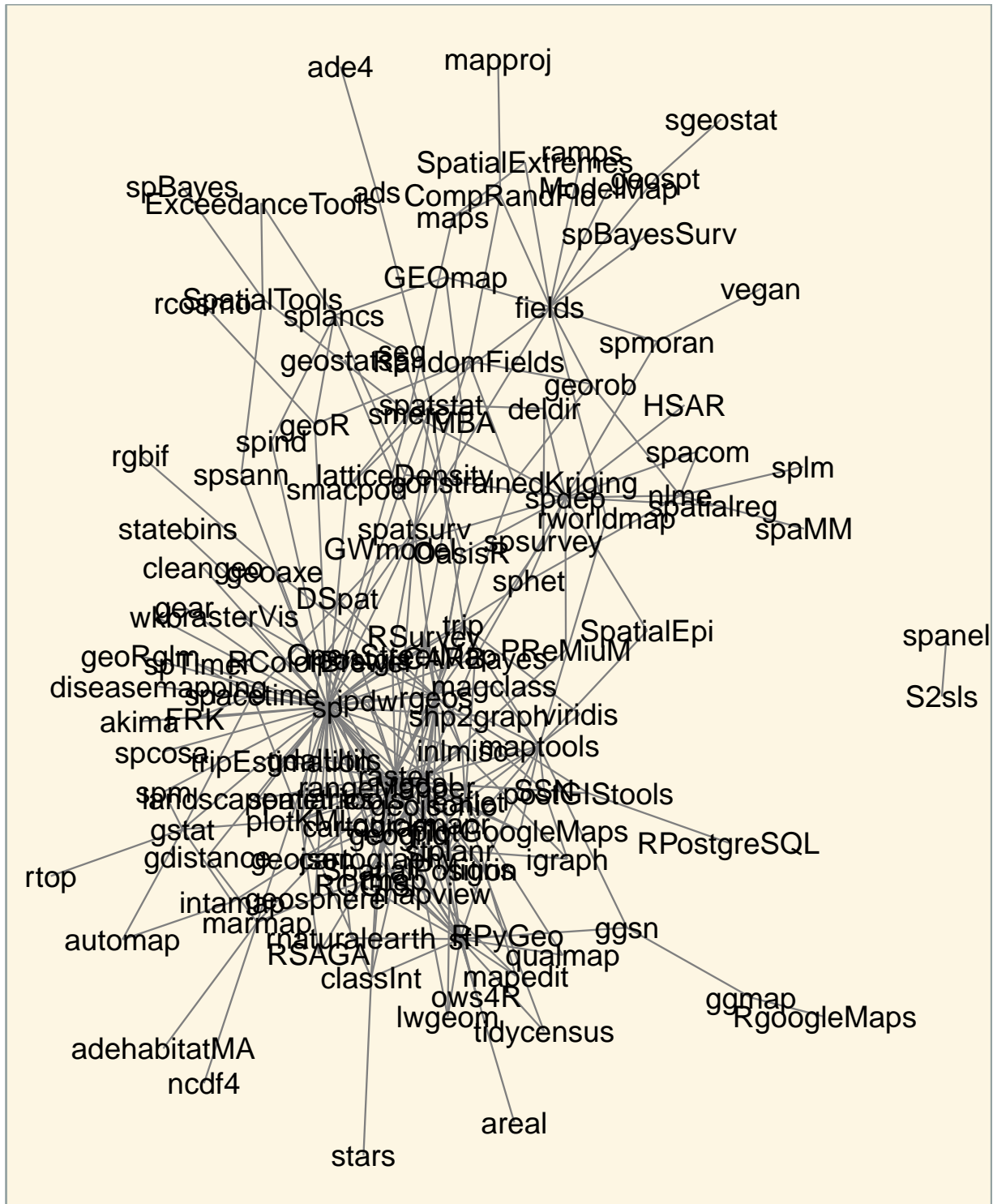
## tidyverse

machine learning

maptree tgp

opusminer
arules

gbm

ggRandomForests

bst

randomForest

hda

LTRCtrees C50
nboost
partykit

Cubist party

e1071

rpart

rminer kernlab

ncvreg

vcrpart

SIS

COtearn

xgboost glmnet

ipred

hdm

nnet

hdi

MXM effects
BayesTree

spatial

spatiotemporal