# Install latest R

## Step 1: Uninstall Previous R-base installation

sudo apt-get remove r-base-core

## Step 2: Update Sources.List File

- Edit the sources.list file

sudo vi /etc/apt/sources.list

- Add following entry

deb http://cran.rstudio.com/bin/linux/ubuntu trusty/

## Step 3: Add the Public Keys

gpg --keyserver keyserver.ubuntu.com --recv-key E084DAB9

gpg -a --export E084DAB9 | sudo apt-key add -

## Step 4: Install R-base

sudo apt-get update

sudo apt-get upgrade

sudo apt-get install r-base

## Step 5: Install RServe

sudo apt-get install libgdal1-dev libproj-dev

Sudo R

install.packages(pkgs="plyr")

install.packages(c("Rserve","sp","maptools","rgdal", "spatstat","gstat","automap"))

library(Rserve)

Rserve()

## Step 6: Install packages for Conditional Probabilty

sudo apt-get build-dep r-cran-rgl

sudo R

install.packages(pkgs="gplots")

install.packages(pkgs="rgl")

install.packages(pkgs="ks")

install.packages(pkgs="klaR")

install.packages(pkgs="compositions")

install.packages(pkgs="RJSONIO")

install.packages(pkgs="robCompositions")

## Install tomcat

Sudo apt-get install tomcat7

## Install WPS web app

Copy wps.tgz to VM

cd /var/lib/tomcat7/webapps/

sudo service tomcat7 stop

sudo tar zxvf ~/wps.tgz

sudo service tomcat7 start