# Set up R on AWS instance

ssh -i EastTestingKey.pem ec2-user@ec2-75-101-249-52.compute-1.amazonaws.com

scp -i EastTestingKey.pem [ec2-user@ec2-75-101-249-52.compute-1.amazonaws.com:/home/ec2-user/Public/savedata/benchrun-3015/\*pdf](mailto:ec2-user@ec2-75-101-249-52.compute-1.amazonaws.com:/home/ec2-user/Public/savedata/benchrun-3015/*pdf) .

sudo yum update

sudo yum install autoconf

sudo yum install -y gcc ncurses-devel libtermcap-devel

sudo yum groupinstall "Development Tools"

sudo yum install curl-devel expat-devel gettext-devel

sudo yum install openssl-devel zlib-devel

sudo yum install readline-devel

sudo yum install python-magic

(some package seems to need python-magic)

wget http://cran.r-project.org/src/base/R-3/R-3.0.0.tar.gz

tar xzvf R-3.0.0.tar.gz

cd R-3.0.0

./configure --with-x=no

(this could be a problem if we need to run x11 and/or packages dependent on x)

sudo make

sudo make install

mkdir /home/ec2-user/R\_libs

export R\_LIBS="/home/ec2-user/R\_libs"

then in R

==== EVA stop here==

install s3cmd

wget <http://sourceforge.net/projects/s3tools/files/latest/download?source=files>

tar xzvf s3cmd-1.5.0-alpha3.tar.gz

move everything from the tar file into a directory /home/ec2-user/s3cmd

add s3cmd into command path

PATH=$PATH\:/home/ec2-user/s3cmd ; export PATH

Run s3cmd configure

S3cmd -- configure

This is place to enter access key and secret key

sudo yum install xorg-x11-server-Xorg xorg-x11-server-common

sudo yum install libpng – already installed

sudo yum install cairo

sudo yum install cairo-devel

sudo yum install libXt libXt-devel

s3cmd get --skip-existing s3://concurix\_trace\_data/benchrun-3016/\* /home/ec2-user/Public/savedata/benchrun-3016/