Instructions for installing shinyApp into R server.

Shiny server ip: 10.113.29.71.

Ssh or winscp in with your username and password.

1. Separate out your app.R into ui.R and server.R where:
   1. ui.R is wrapped around by shinyUI function:

shinyUI(fliudPage(…))

* 1. server.R is wrapped around by shinyServer function:

shinyServer(function(input, output) …))

1. Create a folder under /srv/shiny-server/ with a url friendly name that describes your application:
   1. mkdir /srv/shiny-server/blrm\_no\_covariate
2. Drop your ui.R and server.R into that folder

/srv/shiny-server/blrm\_no\_covariate

..ui.R

..server.R

1. Restart the server to register the new application:
   1. sudo service shiny-server restart
2. Check the web url to make sure your application is displayed:

Pattern: http://{shiny-server-ip-address}/{app\_folder\_name}

Biostat url example: <http://10.113.29.71/blrm_no_covariate>

DMPK url example: <http://10.113.29.76/blrm_no_covariate>

1. Feel free to share the url to colleagues.

Trouble shooting for Disconnected from server

<https://support.rstudio.com/hc/en-us/articles/220339568-What-does-Disconnected-from-Server-mean-in-shinyapps-io->

Check the Javascript information form browsers

<https://webmasters.stackexchange.com/questions/8525/how-do-i-open-the-javascript-console-in-different-browsers/77337#77337>

Upload file in Rshiny

<https://shiny.rstudio.com/articles/upload.html>

Two things for publishing on Rshiny

1. Install all the required package:

In PUTTY, first use the command

*sudo -i R*

it will go the R environment, install R packages as usual

1. Avoid using any ‘return ()’ or ‘*return (NULL)*’ in server function

Use req(x) (x is the variable needed for the code below) instead

It seems to me App published on server cannot take NULL value well.