

Date: Thu, 16 Oct 2014 14:34:32 -0230

From: "Charron, Louis" <lc1316@mun.ca>

To: "Rittenhouse, Matthew Arlan" <mar665@mun.ca>

Cc: a84dcs@mun.ca, gfuerey@mun.ca, Mike.Hurley@mi.mun.ca, krm042@mun.ca, sheenaroul@hotmail.com, "Shewmake, James W" <jws357@mun.ca>, Luise Hermanutz <lhermanu@mun.ca>

Subject: Re: randomization R code

Part(s):  2 codeLC.R application/octet-stream 1.30 KB 

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I agree with Matt! [1,4] is to extract the F-ratio and then be able to calculate the length of vaues higher or lower than our critical F-ratio.

However, it seems that the F-ratio provided in the code (11.419) is wrong, and I can't find its origin. So just be careful when using this code, make sure that the F-ratio value is the good one.

Otherwise, I have another bit of code that work differently but gives the same answer at the end. I join it with the e-mail.

Cheers,

Louis

On Thu, Oct 16, 2014 at 11:45 AM, Rittenhouse, Matthew Arlan <mar665@mun.ca> wrote:

```
> The command anova() returns a data frame with 2 rows and 5 columns. The
> object at row 1, column 4 (aka [1,4]) is the F statistic. I think you just
> have an extra space between the anova() command and the brackets, so R
> doesn't know what data frame you want [1,4] of. Your interpretation of the
> R code looks correct to me. Try:
```

```
>
> ran <- replicate(10000, anova(lm(sample(data2010_ran$Seeds, 10,
> replace=FALSE) ~ Forest.structure, data=data2010_ran))[1,4])
```

```
>
>
> On Thu, Oct 16, 2014 at 1:15 AM, <david.schneider@mun.ca> wrote:
```

```
>
>> Allo Louis,
>>
>> Attached is some R-code that I tried to run, but
>> had a problem with [1,4]
>>
>> The help function for the Rcommand
>>
>> > replicate()
>>
>> was not helpful.
>>
>> Could you offer some explanation of [1,4]
>> And also correction on my interpretation
>> of the Rcode.
>>
>> This is for the 6 people enrolled in B7932,
>> so reply all.
>>
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11/13/2014

Mail :: INBOX: Re: randomization R code

>> Merci bcp,

>> David S.

>

>

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