



Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov>

RE: [bay-delta-r-users-group] FW: Diet Data & IRI Analysis

1 message

DuBois, Jason@Wildlife <Jason.DuBois@wildlife.ca.gov>

Fri, Jul 15, 2016 at 1:52 PM

To: Rosemary Hartman <rosehartman@gmail.com>, "bay-delta-r-users-group@googlegroups.com" <bay-delta-r-users-group@googlegroups.com>

Hi All,

Thanks for an informative talk Pascale.

Some were asking about the `ddply()` function.

This...

```
dat.prey.moyr <- ddply(fin.dat, c("Category","yr.mo"), function(x){  
  
  number <- sum(x$Count, na.rm=T)  
  
  weight <- sum(x$Wt, na.rm=T)  
  
  occurrence <-length(unique(x$fish.ID))  
  
  dat <- data.frame(number, weight, occurrence)  
  
})
```

Does the same as this...

```
dat.prey.moyr <- ddply(.data = fin.dat, .variables = .(Category,yr.mo), .fun = summarise,  
  
  number = sum(Count, na.rm=T),  
  
  weight = sum(Wt, na.rm=T),  
  
  occurrence = length(unique(fish.ID))  
  
)
```

As Pascale noted, this is a way to use `summarise` (or `summarize`) with `ddply()`. Because `ddply()` accepts a dataframe and returns a dataframe, it's more common to see the second example.

Cheers,

Jason DuBois, Environmental Scientist

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From: bay-delta-r-users-group@googlegroups.com [mailto:bay-delta-r-users-group@googlegroups.com] **On Behalf Of** Rosemary Hartman

Sent: Friday, July 15, 2016 8:55 AM

To: bay-delta-r-users-group@googlegroups.com

Subject: Fwd: [bay-delta-r-users-group] FW: Diet Data & IRI Analysis

Don't miss out, this afternoon: Awesome chance for a tutorial on diet analysis!

From: Goertler, Pascale@DWR

Sent: Tuesday, July 12, 2016 2:14 PM

To: Agundes, Jeremy@DWR; Aldrich, Jay@DWR; Batmanghilich, Sal@DWR; Brown, Tiffany@DWR; Conrad, Louise@DWR; Dempsey, Mike@DWR; Farruggia, Mary@DWR; Fichman, Rachel@DWR; Frantzich, Jared@DWR; Gehrts, Karen@DWR; Goertler, Pascale@DWR; Green, Heather@DWR; Harvey, Brett@DWR; Ikemiyagi, Naoaki@DWR; Lehman, Peggy@DWR; Lesmeister, Sarah@DWR; Lindsey, Otome@DWR; Mahardja, Brian@DWR; Martinez, Morgan@DWR; Philippart, Shaun@DWR; Rinde, Jenna@DWR; Santos, Eric@DWR; Schreier, Brian@DWR; Siegfried, Emma@DWR; Sommer, Ted@DWR; Takata, Lynn@DWR; Templin, William@DWR; Tran, Andrew@DWR; Van Ark, Nicholas@DWR; Waller, Scott@DWR; Wells, Elizabeth@DWR; Xiong, Mary@DWR; Jones, Kristopher@DWR; Barbara.Byrne@noaa.gov; Hartman, Rosemary@Wildlife

Subject: Diet Data & IRI Analysis

Hi all – attached is the R code and data for the upcoming IRI/diet analysis tutorial/meeting this Friday (1-2 pm in DWR DES Library - Rm 231a).

There will also be a webex for those interested from the Fisheries and Bay-Delta-R-users-group:

Diet Data & IRI Analysis

Friday, July 15, 2016

1:00 pm | Pacific Daylight Time (San Francisco, GMT-07:00) | 1 hr

Join WebEx meeting

Meeting number: 741 986 864

Join by phone

Call-in toll-free number (Verizon): [1-888-371-6075](tel:1-888-371-6075) (US)

Call-in number (Verizon): [1-203-607-3430](tel:1-203-607-3430) (US)

Attendee access code: 258 393 6

This data is part of a manuscript in prep (unpublished), so I would prefer it not be shared.

Pascale Goertler

Environmental Scientist

Aquatic Ecology Section: <http://www.water.ca.gov/aes/>

California Department of Water Resources

3500 Industrial Blvd

West Sacramento, CA 95691

Office: (916) 376-9755

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