

Check config google docs

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```
## Warning: package 'readr' was built under R version 3.2.4
```

```
#reading location config file from googledocs
```

```
gd <- gs_url("https://docs.google.com/spreadsheets/d/1w6vZvxqX3FgtkmM8mUSvB67reekKz148LoQY20T012M/")
locations <- gs_read(gd)
```

```
## Warning: 1 parsing failure.
```

```
## row col expected actual
```

```
## 1 -- 28 columns 27 columns
```

```
#cut first 2 rows which have junk in
```

```
locations <- as.data.frame( locations[-c(1:2),] )
```

```
#cut columns after 8 which contain non useful stuff
```

```
locations <- locations[,c(1:8)]
```

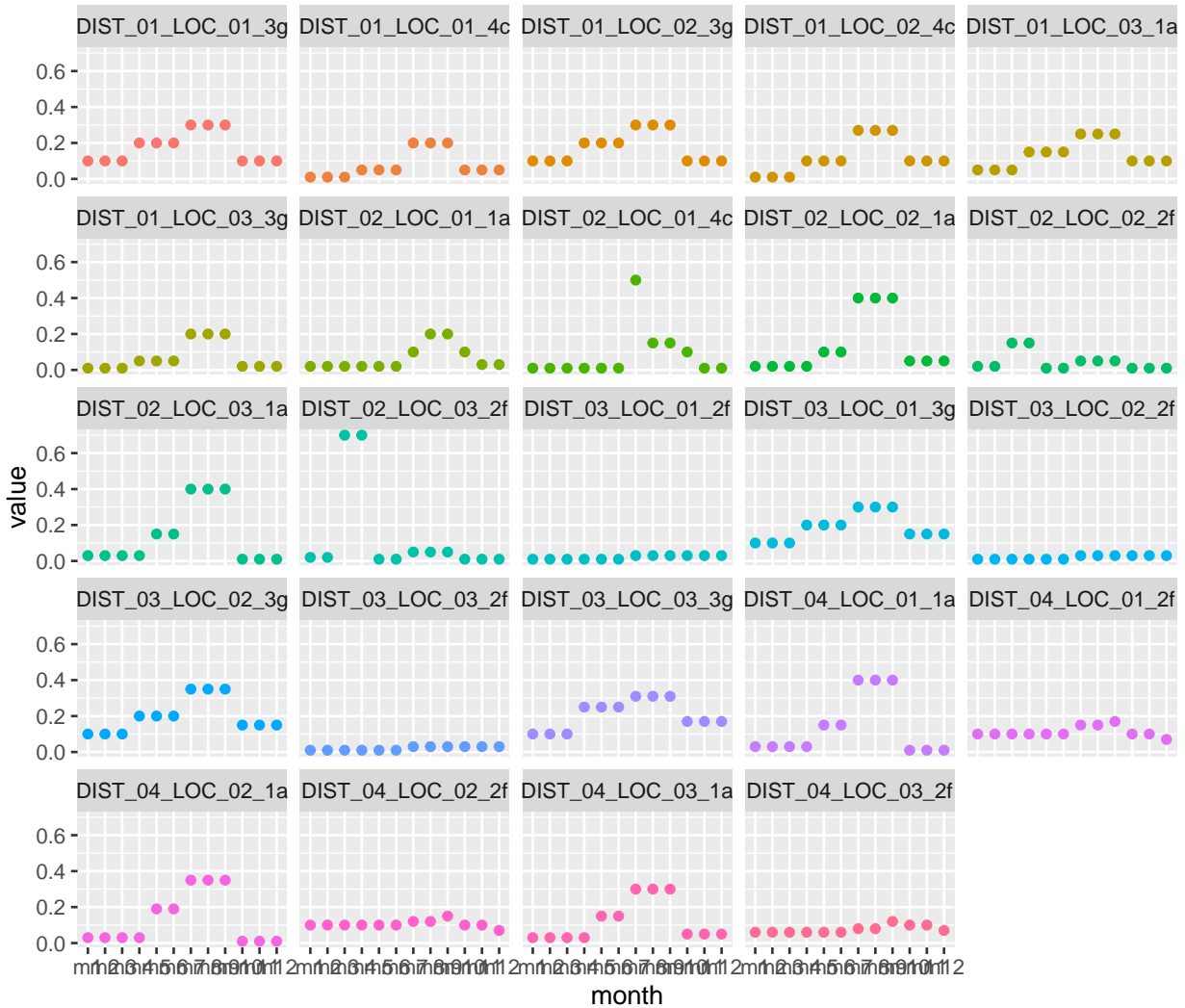
```
#cut rows with NULL & NA in Vector ID column
```

```
locations <- locations[ -which(is.na(locations["Vector IDs"]) | locations["Vector IDs"]=="NULL"), ]
```

```
#rename emergences column
```

```
colnames(locations)[colnames(locations)=="Vector\nEmergences"] <- "emergences"
```

```
plot_config_gdocs(locations)
```



```
#emergences are here (but I may want to keep in the locations df)
#emergences <- as.data.frame(locations[, "Vector\nEmergences"])
#but there are up to 2 emergence patterns per cell
#so will need to add to/modify expand_season() function

#emergences <- emergences[-which(is.na(emergences) | emergences=="0")]

# emers <- data.frame()
#
# #not sure this bit below quite copes with emergences being a vector
# for (i in nrow(locations))
# {
#   tmp <- locations$emergences[i]
#   #
#   #remove comma from middle and split in two
#   tmp2 <- unlist(strsplit(tmp, split = ","))
#   #remove brackets
#   tmp3 <- gsub('\\(', "'", tmp2)
#   tmp4 <- gsub('\\)', "'", tmp3)
```

```
#
#   #for each vector at this location
#   for (j in length(tmp4))
#   {
#       #expanding the string
#       tmp5 <- expand_season(tmp4[j], return_tstep = 'months')
#
#       #cat(tmp2,"\n")
#       emers <- rbind(emers,tmp5)
#   }
#
# }
```