

## "Missing Gap" Results

```
> source("Analyze1.R")
[1] "Select Dominant.csv file:"
[1] "U:/efg/LombScargle-Master/Complete"
Accept FDR (for alpha 0.0001) count is 4355
```

```
Stats on various p.adjust methods
Seconds Method 0.1 0.05 0.01 0.001 1e-04 1e-05
0.03 bonferroni 3954 3715 3054 1470 15 0
0.08 holm 4214 4009 3359 1716 15 0
0.07 hochberg 4214 4009 3359 1723 15 0
0.07 BH 5760 5616 5315 4904 4355 3579
0.07 BY 5325 5207 4913 4365 3610 2161
0.01 none 5796 5648 5351 4961 4456 3823
8 <= period <= 60 hours ==> 6428
```

```
> source("Analyze1.R")
[1] "Select Dominant.csv file:"
[1] "U:/efg/LombScargle-Master/Missing7"
Accept FDR (for alpha 0.0001) count is 3617
```

```
Stats on various p.adjust methods
Seconds Method 0.1 0.05 0.01 0.001 1e-04 1e-05
0.1 bonferroni 2987 2613 1442 3 0 0
0.08 holm 3332 2913 1637 3 0 0
0.06 hochberg 3332 2913 1637 3 0 0
0.08 BH 5628 5447 5060 4489 3617 1968
0.06 BY 5077 4916 4504 3654 2044 0
0.02 none 5681 5509 5129 4598 3853 2793
8 <= period <= 60 hours ==> 6373
```

```
> source("Analyze1.R")
[1] "Select Dominant.csv file:"
[1] "U:/efg/LombScargle-Master/Missing11"
Accept FDR (for alpha 0.0001) count is 2506
```

```
Stats on various p.adjust methods
Seconds Method 0.1 0.05 0.01 0.001 1e-04 1e-05
0.03 bonferroni 1890 1382 75 0 0 0
0.07 holm 2167 1556 78 0 0 0
0.08 hochberg 2167 1556 78 0 0 0
0.06 BH 5515 5300 4825 3974 2506 0
0.08 BY 4850 4620 3999 2539 0 0
0.01 none 5580 5368 4926 4192 3069 1598
8 <= period <= 60 hours ==> 6318
```

```
> source("Analyzel.R")
[1] "Select Dominant.csv file:"
[1] "U:/efg/LombScargle-Master/Missing15"
Accept FDR (for alpha 0.0001) count is 0
```

```
Stats on various p.adjust methods
Seconds Method 0.1 0.05 0.01 0.001 1e-04 1e-05
0.05 bonferroni 518 37 0 0 0 0
0.06 holm 593 37 0 0 0 0
0.14 hochberg 593 37 0 0 0 0
0.07 BH 5349 5089 4522 3126 0 0
0.08 BY 4545 4221 3179 0 0 0
0.01 none 5458 5185 4678 3606 2093 177
8 <= period <= 60 hours ==> 6030
```

```
> source("Analyzel.R")
[1] "Select Dominant.csv file:"
[1] "U:/efg/LombScargle-Master/Missing19"
Accept FDR (for alpha 0.0001) count is 0
```

```
Stats on various p.adjust methods
Seconds Method 0.1 0.05 0.01 0.001 1e-04 1e-05
0.03 bonferroni 0 0 0 0 0 0
0.08 holm 0 0 0 0 0 0
0.06 hochberg 0 0 0 0 0 0
0.06 BH 5051 4767 3931 1386 0 0
0.08 BY 3965 3491 1560 0 0 0
0 none 5212 4900 4192 2768 742 0
8 <= period <= 60 hours ==> 5663
```

```
> source("Analyzel.R")
[1] "Select Dominant.csv file:"
[1] "U:/efg/LombScargle-Master/Missing25"
Accept FDR (for alpha 0.0001) count is 0
```

```
Stats on various p.adjust methods
Seconds Method 0.1 0.05 0.01 0.001 1e-04 1e-05
0.11 bonferroni 0 0 0 0 0 0
0.07 holm 0 0 0 0 0 0
0.06 hochberg 0 0 0 0 0 0
0.08 BH 4415 3896 2244 0 0 0
0.06 BY 2356 0 0 0 0 0
0.01 none 4690 4232 3245 835 0 0
8 <= period <= 60 hours ==> 5697
```

Use R to compare "Target" lists for 1E-4 cutoff for various missing value gaps:

```
complete <- read.csv("U:/efg/LombScargle-Master/Complete/Target.txt",  
header=FALSE, as.is=TRUE)  
Miss7 <- read.csv("U:/efg/LombScargle-Master/Missing7/Target.txt",  
header=FALSE, as.is=TRUE)  
Miss11 <- read.csv("U:/efg/LombScargle-Master/Missing11/Target.txt",  
header=FALSE, as.is=TRUE)
```

```
length( intersect(complete$V1, Miss7$V1) )  
length( intersect(complete$V1, Miss11$V1) )
```

```
length( intersect(Miss7$V1, Miss11$V1) )
```

```
> complete <- read.csv("U:/efg/LombScargle-Master/Complete/Target.txt",  
header=FALSE, as.is=TRUE)  
> Miss7 <- read.csv("U:/efg/LombScargle-Master/Missing7/Target.txt",  
header=FALSE, as.is=TRUE)  
> Miss11 <- read.csv("U:/efg/LombScargle-Master/Missing11/Target.txt",  
header=FALSE, as.is=TRUE)  
>  
> length( intersect(complete$V1, Miss7$V1) )  
[1] 3609  
> length( intersect(complete$V1, Miss11$V1) )  
[1] 2502  
>  
> length( intersect(Miss7$V1, Miss11$V1) )  
[1] 2504
```