```
Python 3.7.8 (default, Jul 28 2020, 07:26:03)
[GCC 7.3.0 (Ubuntu/Linaro 7.3.0-27ubuntu1~18.04)] on linux2
Type "help", "copyright", "credits" or "license" for more information.
IPython 7.2.0 -- An enhanced Interactive Python.

In [1]: runfile('/Users/josephbarcinski/Dropbox By Programmer Dojo', wdir='/Users/josephbarcinski')
/Users/josephbarcinski/opt/anaconda3/bin/python
Using matplotlib backend: MacOSX

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Class 1: 2
Class 2: 2187
Class 3: 5248
Class 4: 2187
Class 5: 2187
Class 6: 2187
Class 7: 1215
Class 8: 1215

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Wdv2: 42248
Wdv3: 42248
Nc: 8423

#11: Stars 47287

Wd: Stars 5730

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Fd_s: Stars 10848
Fd_d: Stars 10848
Fd_t: Stars 10848

SD4_p: Stars 20898
SD4_s: Stars 25248
SD4_d: Stars 25248
SD4_t: Stars 12951

Sq_p: Stars 30848
Sq_s: Stars 36248
Sq_d: Stars 36248
Sq_t: Stars 18951

Mq_p: Stars 5218
Mq_s: Stars 7848
Mq_d: Stars 7848
Mq_t: Stars 4071

Mq_p2: Stars 15288
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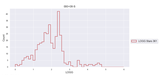

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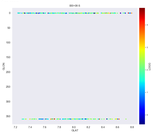

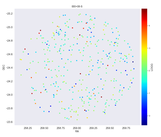

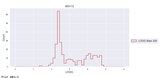

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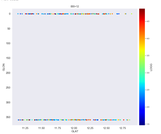

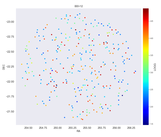

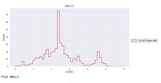

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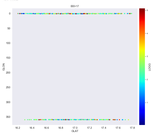

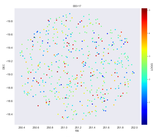

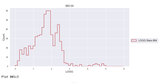

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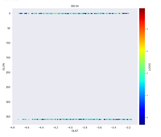

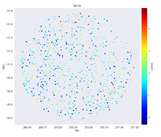

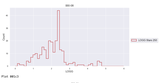

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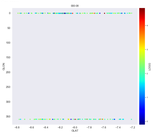

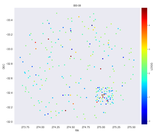

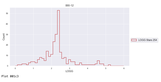

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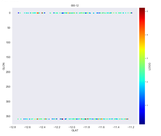

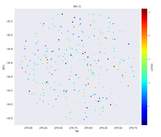

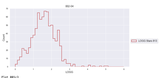

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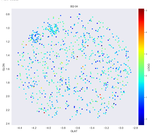

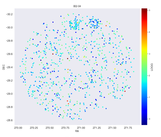

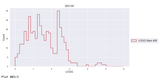

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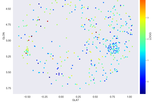

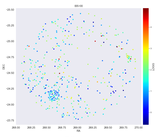

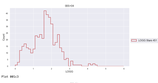

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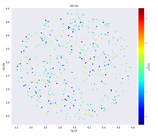

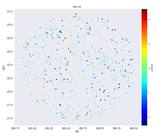

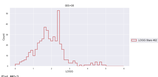

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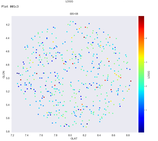

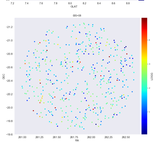

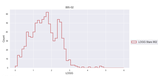

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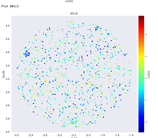

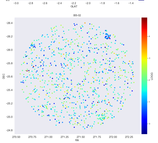

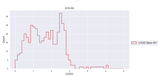

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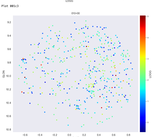

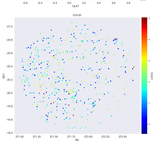

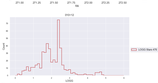

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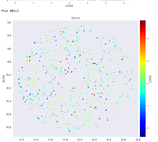

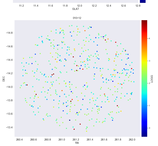

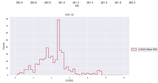

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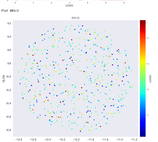

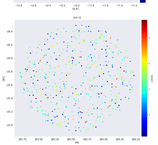

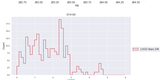

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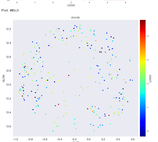

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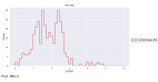

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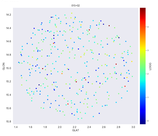

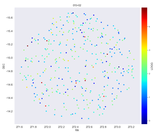

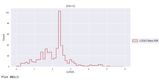

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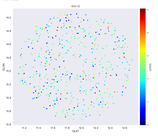

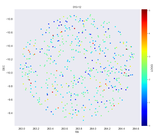

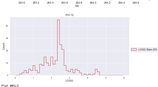

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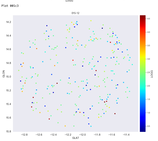

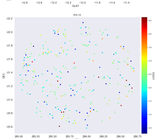

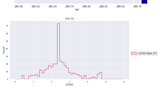

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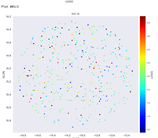

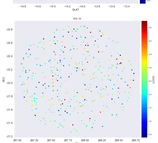

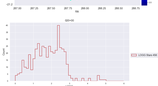

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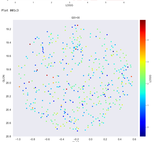

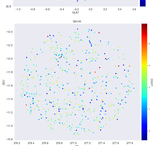

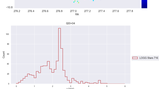

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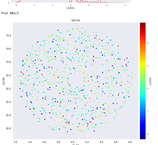

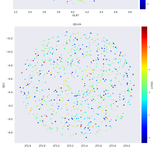

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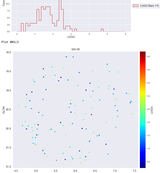

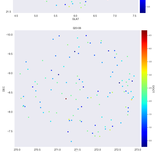

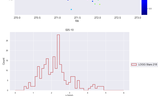

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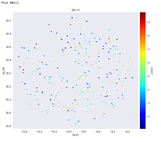

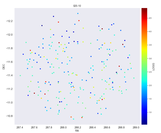

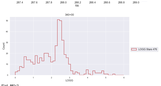

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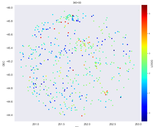

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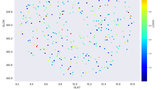

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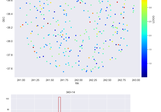

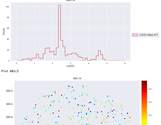

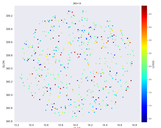

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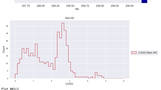

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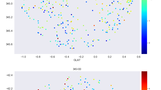

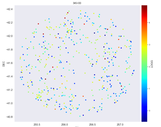

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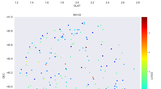

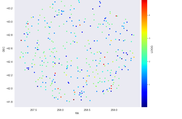

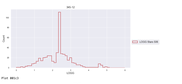

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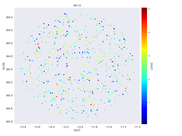

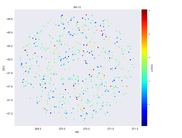

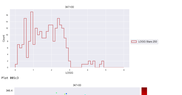

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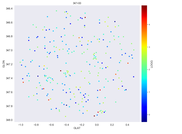

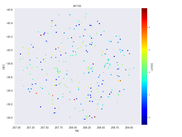

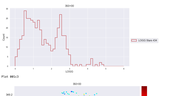

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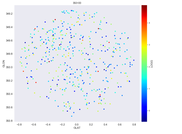

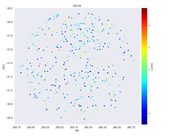

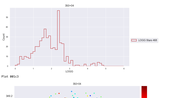

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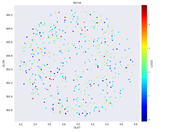

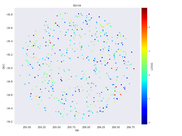

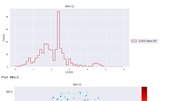

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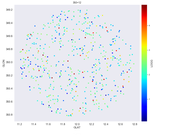

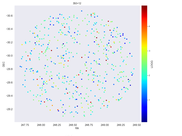

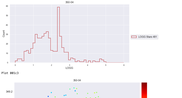

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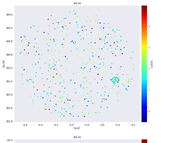

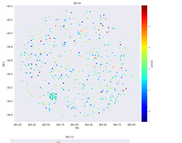

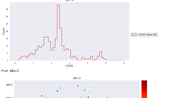

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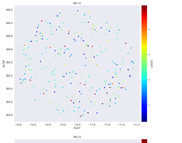

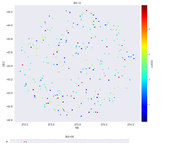

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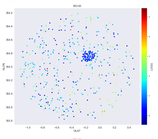
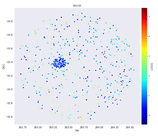
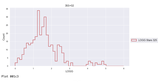
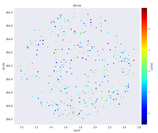
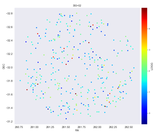


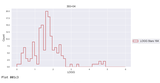




Plot 86LO







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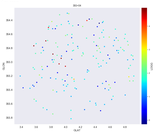

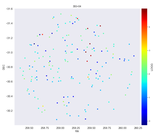

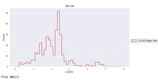

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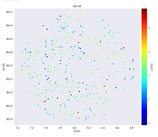

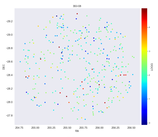

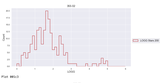

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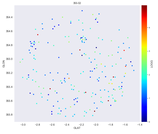

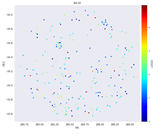

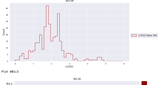

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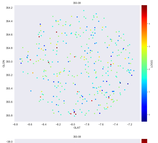

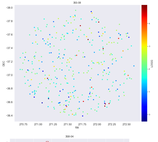

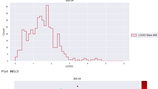

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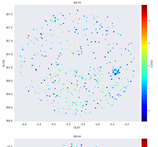
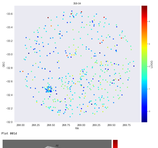
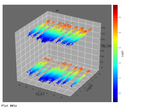


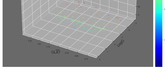
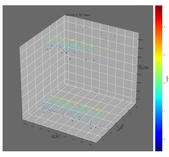
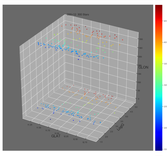
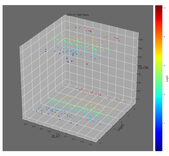
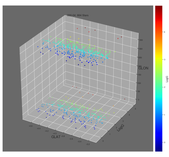
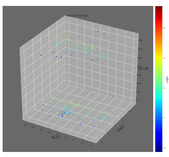
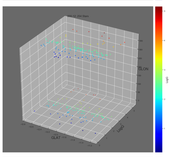
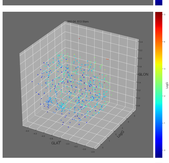
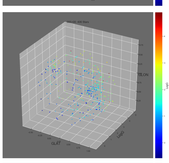
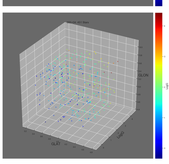
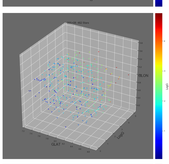
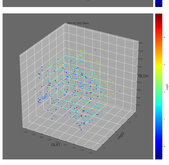
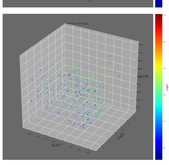
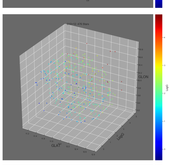
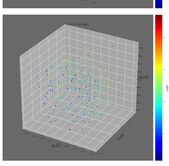
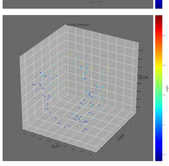
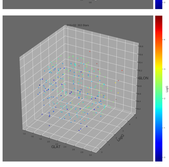


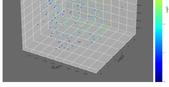
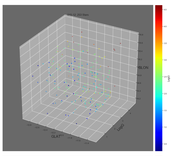
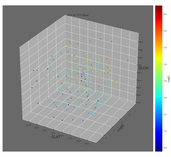
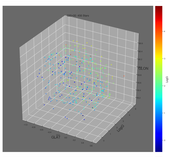
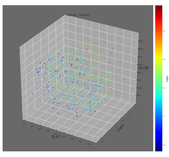
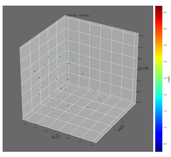
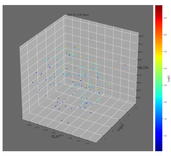
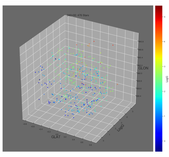
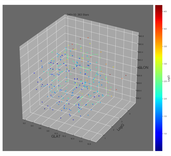
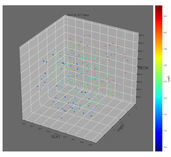
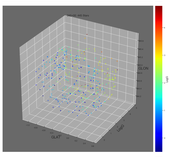
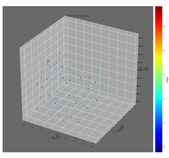
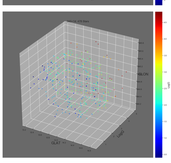
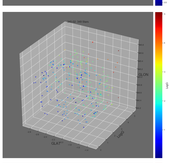
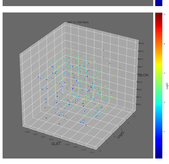
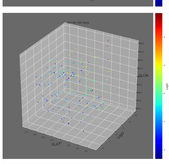
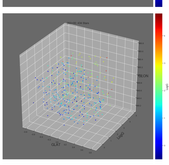
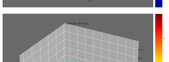


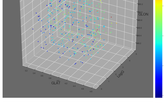
Plot 86LO

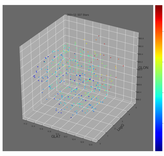
Plot 86Lz

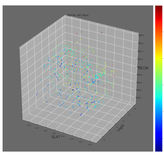
Plot 86Lz

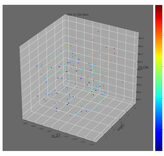


















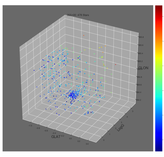



















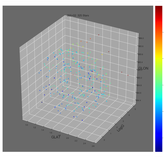


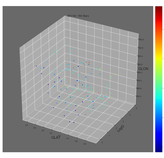


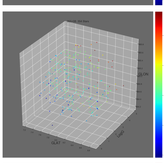


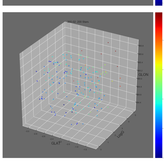


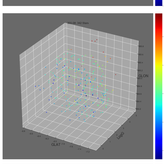


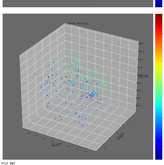


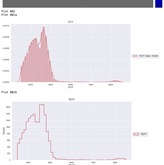












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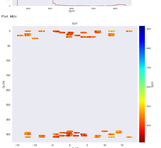
Plot 002



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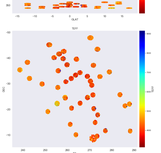

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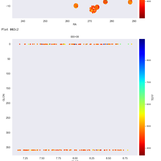

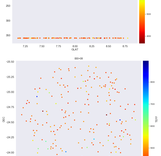

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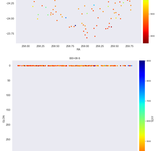

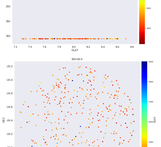

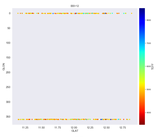
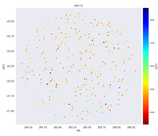
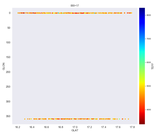
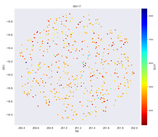
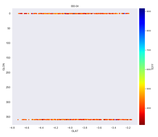
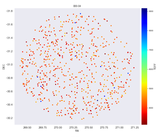
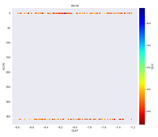
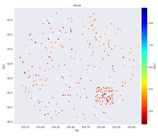
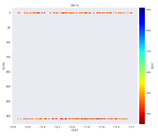
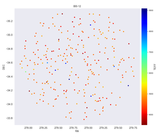
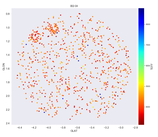
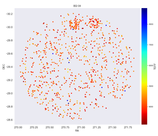
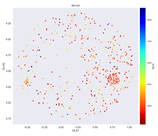
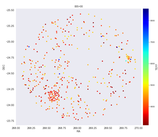
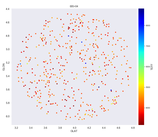
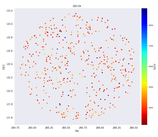
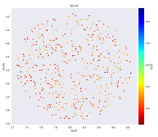
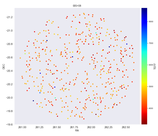
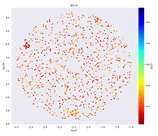

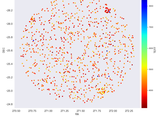
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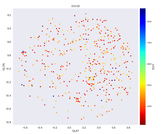
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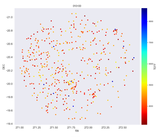
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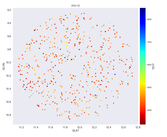
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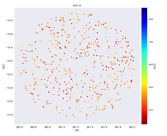
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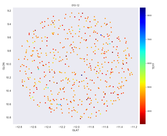
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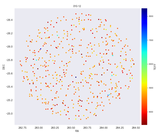
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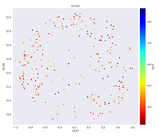
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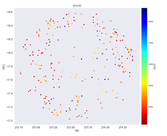
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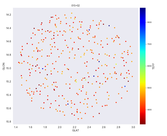
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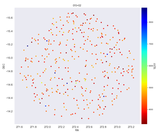
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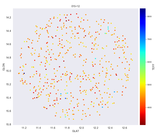
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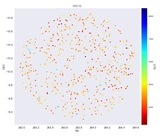
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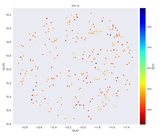
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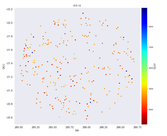
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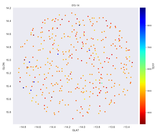
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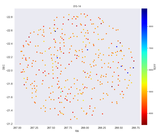
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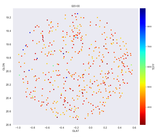
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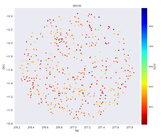
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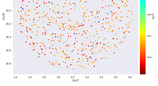
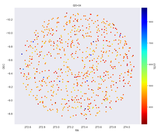
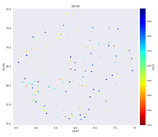
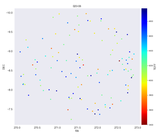
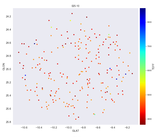
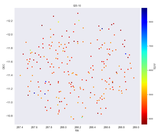
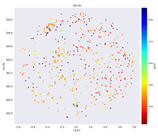
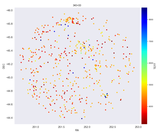
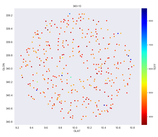
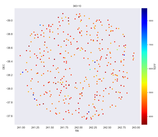
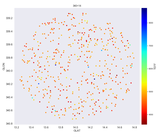
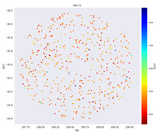
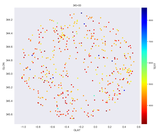
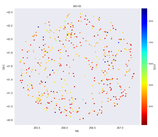
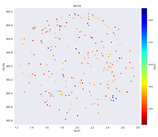
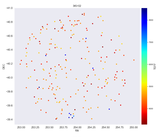
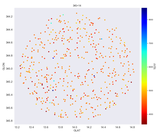
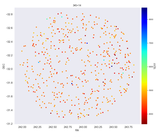
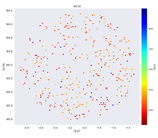

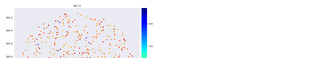
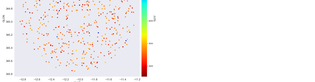

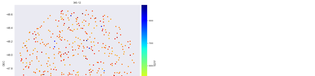
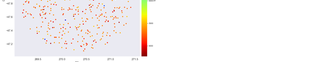
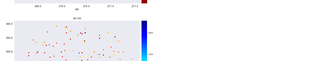
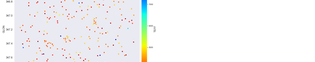
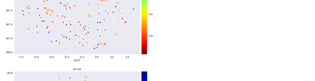
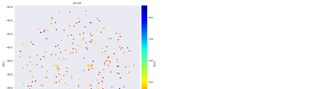
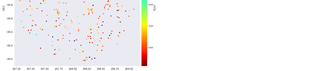

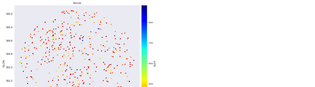
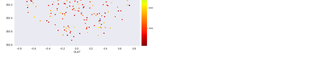
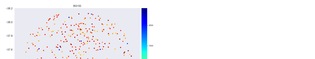
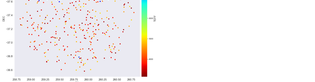

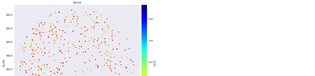
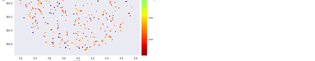

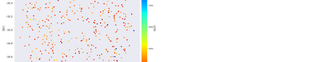
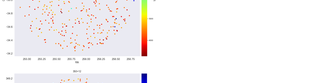
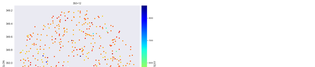
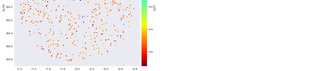

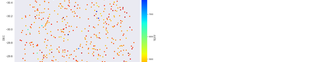
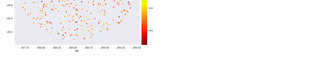
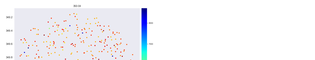
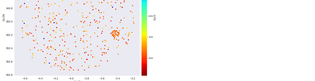
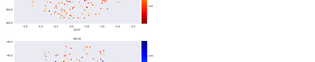
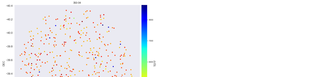
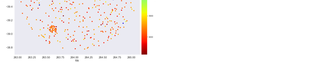
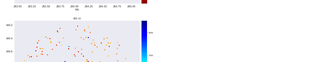
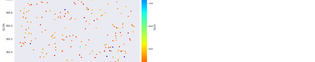
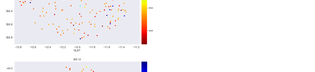
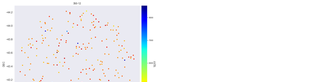
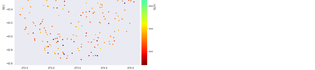

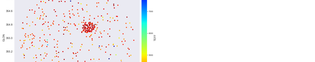
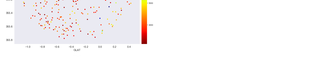
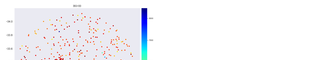
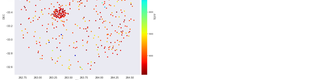
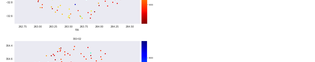
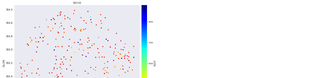
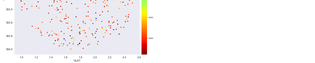
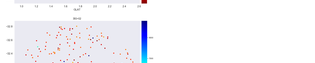
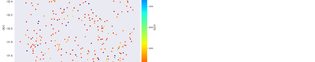

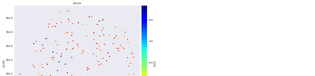
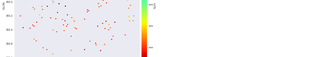

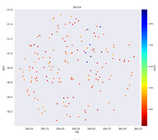

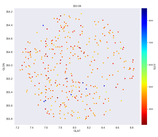

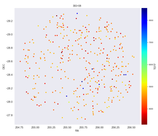

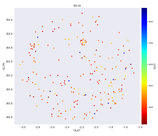

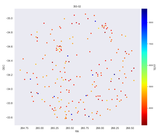

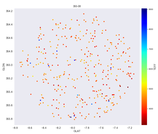

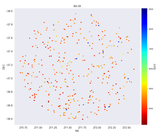

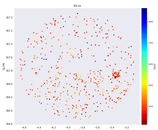

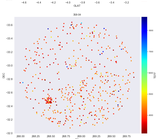

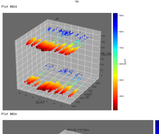

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Plot MOV2
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Plot MOV3
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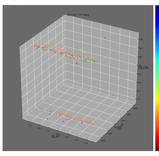
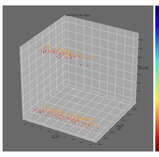
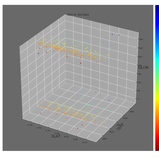
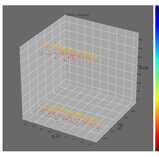
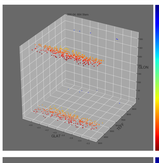
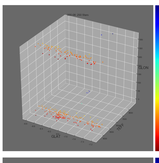


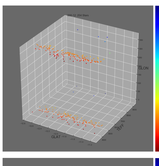


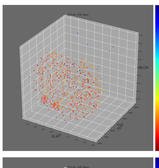


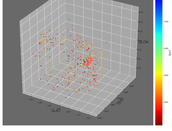
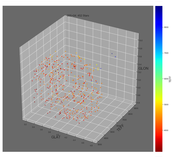
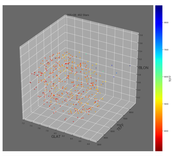
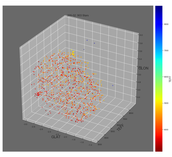
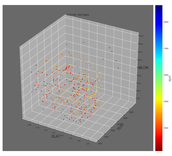
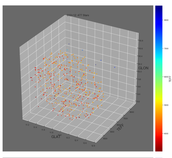
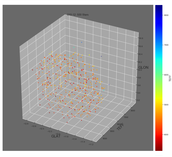
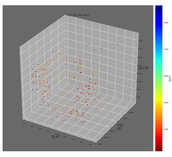
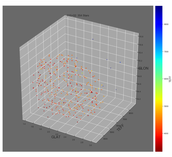
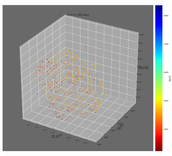
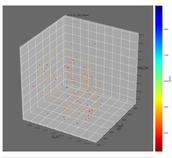
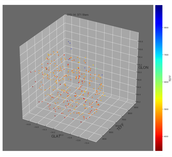
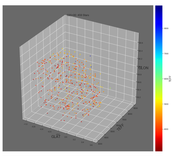
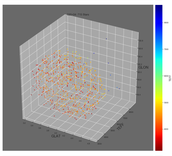
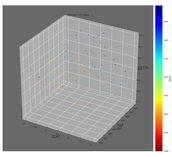
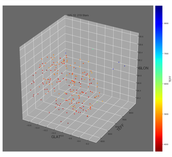
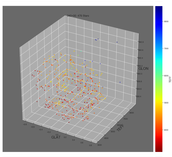


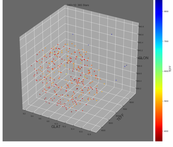
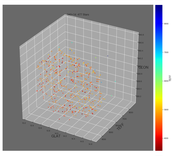
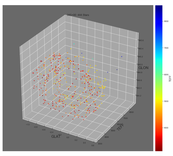
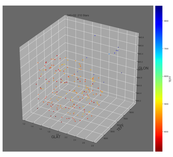
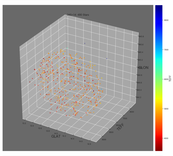
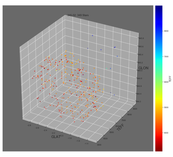
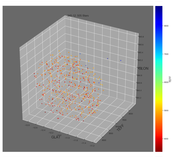
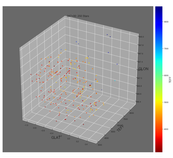
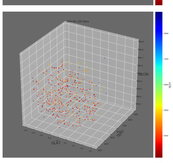
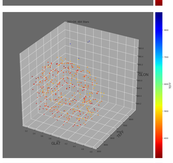
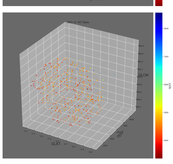
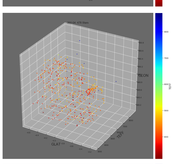
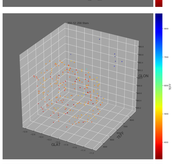
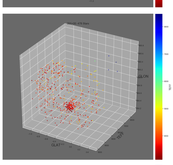
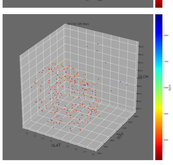
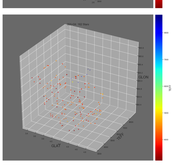
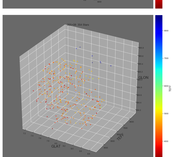


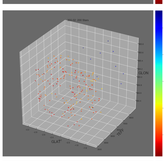


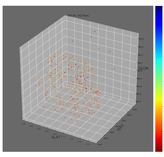


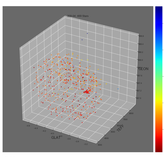




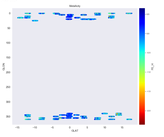


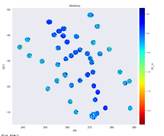


Plot 003
Plot 004:

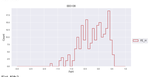
Plot 005:

Plot 006:

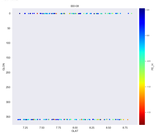


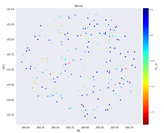


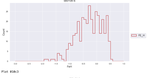
Plot 006-2



Plot 006-3







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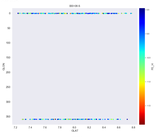

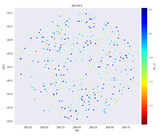

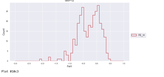

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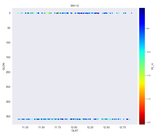

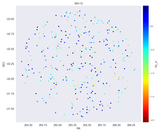

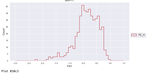

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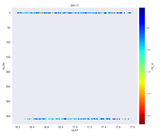

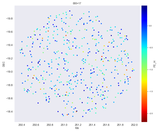

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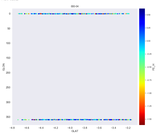

Plot 006-3

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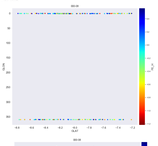

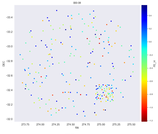

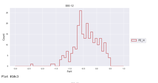

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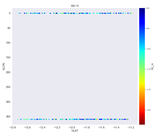

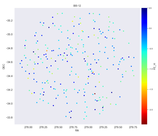

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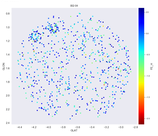

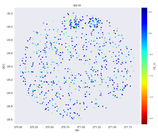

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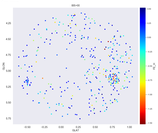

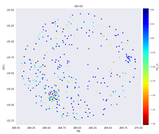

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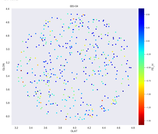

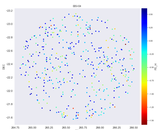

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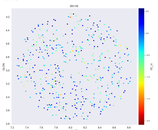

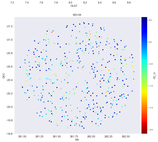

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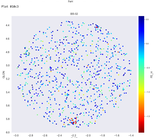

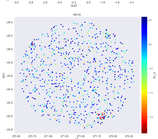

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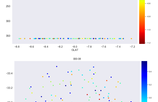

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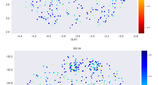

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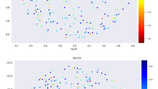

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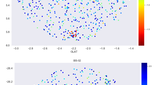

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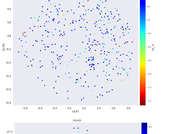
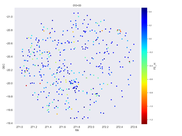
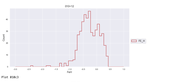
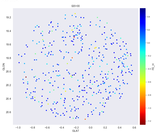


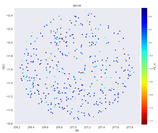




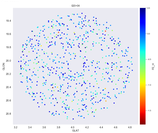
Plot 8/8/3

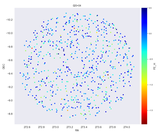
Plot 83&3

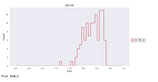




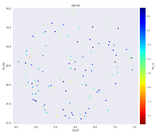
Plot 83&3

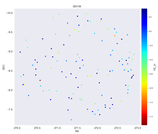


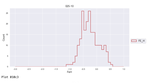




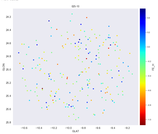
Plot 83&3

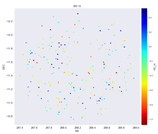


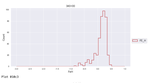




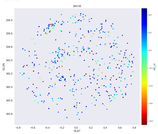
Plot 83&3

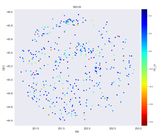


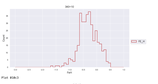




Plot 83&3







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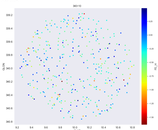

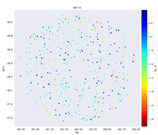

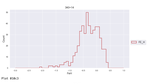

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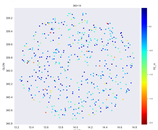

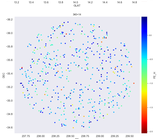

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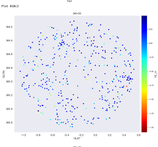

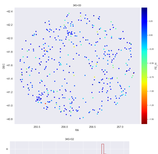

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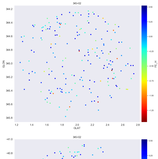

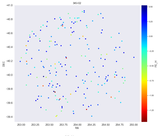

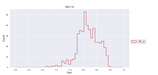

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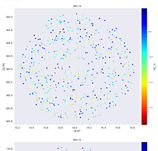

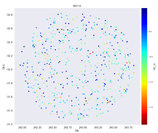

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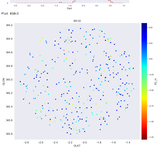

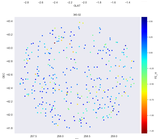

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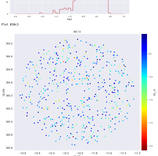

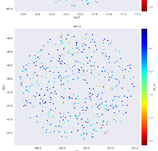

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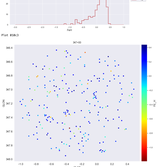

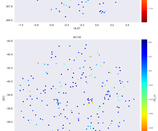

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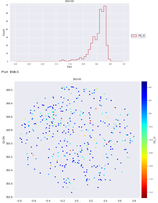

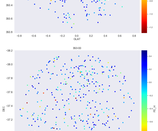

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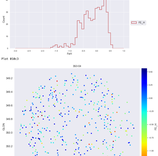

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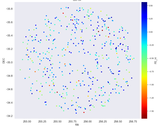

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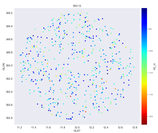

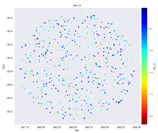

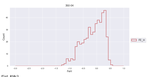

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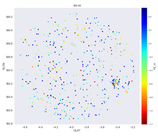

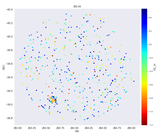

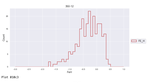

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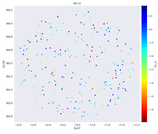

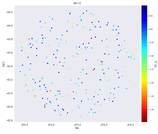

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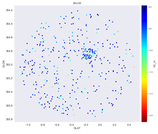

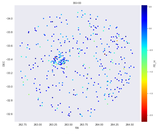

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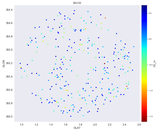

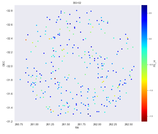

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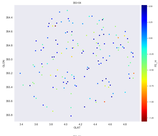

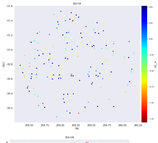

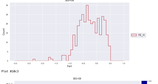

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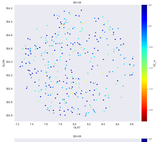

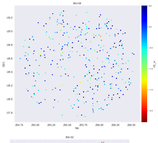

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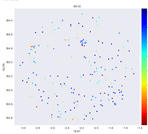

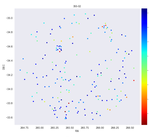

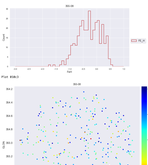

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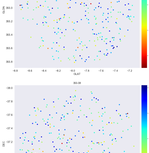

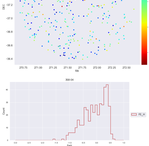

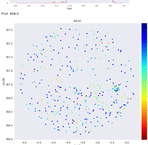

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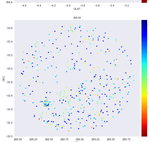

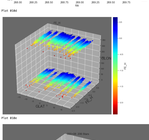

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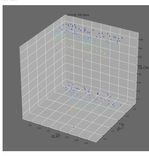

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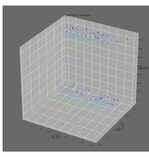
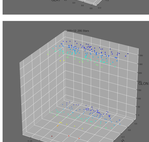
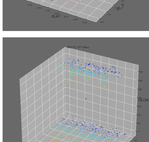
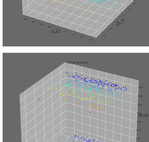
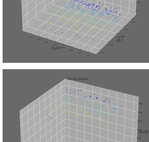
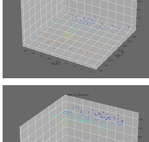


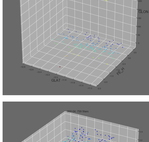


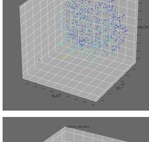


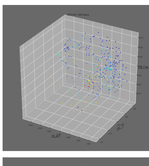


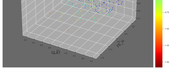
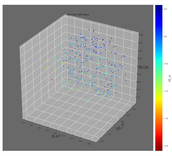
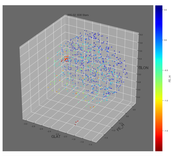
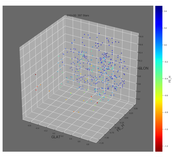
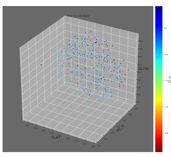
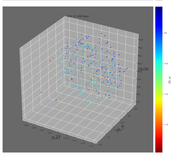
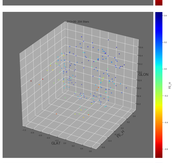
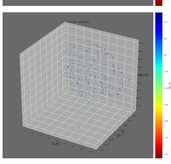
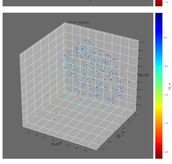
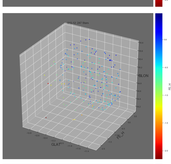
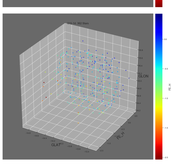
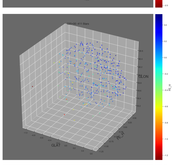
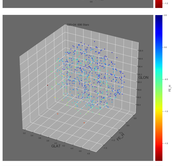
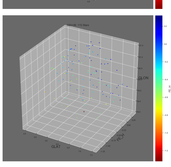
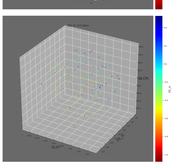
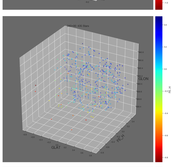
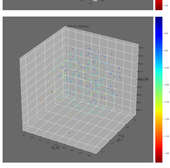


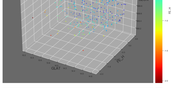
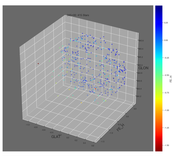
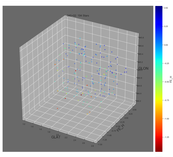
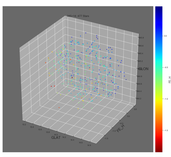
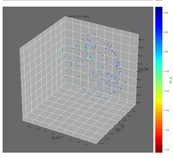
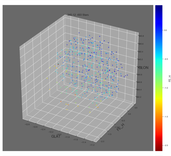
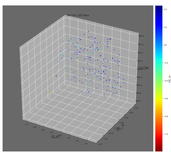
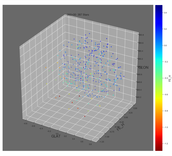
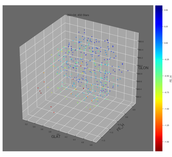
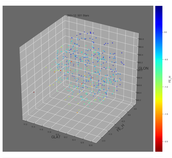
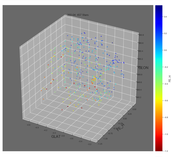
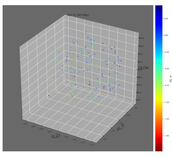
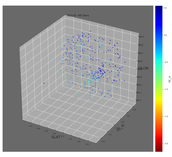
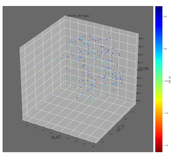
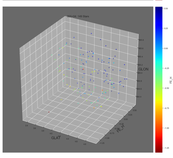
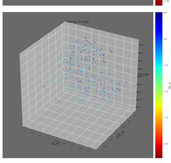
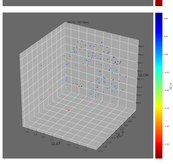
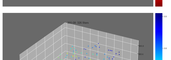


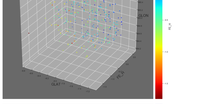


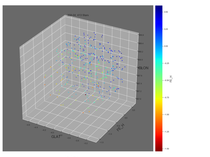




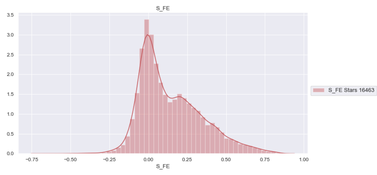


















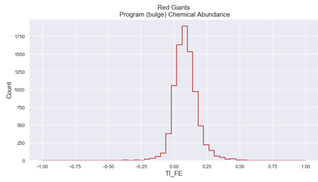



















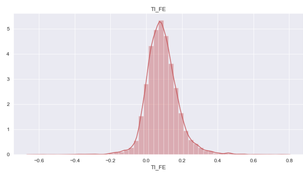


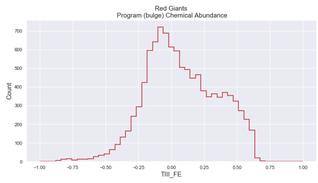


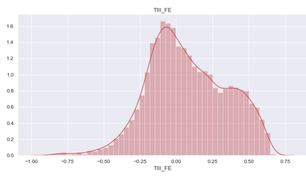
Field Distribution
Program: Ansys Electronic Desktop
Frequency
Mag_H_Field_Y_Field_Y_Field_Y

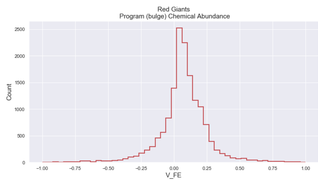


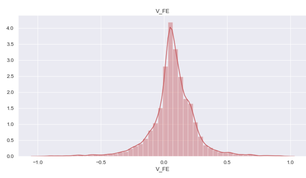


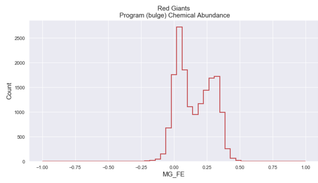


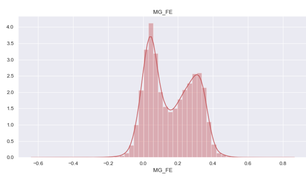


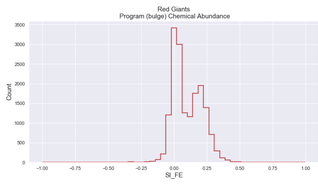


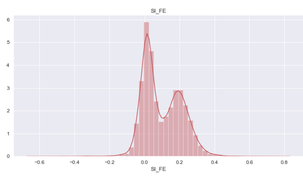










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Class B: 4
Class A: 1716
Class F: 173
Class G: 59
Class K: 4595
Class M: 10620
Class L: 175
Class T: 9

Fd: 142
GKd: 348
GKg: 11711
Md: 52
Mg: 5703

All: Stars 18272

BA: Stars 310

Fd_a: Stars 50
Fd_b: Stars 37
Fd_c: Stars 19
Fd_d: Stars 8

GKd_a: Stars 135
GKd_b: Stars 90
GKd_c: Stars 86
GKd_d: Stars 35

GKg_a: Stars 5751
GKg_b: Stars 2664
GKg_c: Stars 2319
GKg_d: Stars 977

Md_a: Stars 19
Md_b: Stars 11
Md_c: Stars 18
Md_d: Stars 4

Mg_a: Stars 2890
Mg_b: Stars 1164
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Fields: ['000+08' '000+08-S' '000+12' '000+17' '000-04' '000-08' '000-12' '002-04'
 '005+00' '005+04' '005+08' '005-02' '010+00' '010+12' '010-12' '013+00'
 '015+02' '015+12' '015-12' '015-14' '020+00' '020+04' '020+06' '025-10'
 '340+00' '340+10' '340+14' '345+00' '345+02' '345+14' '345-02' '345-12'
 '347+00' '350+00' '350+04' '350+12' '350-04' '350-12' '355+00' '355+02'
 '355+04' '355+08' '355-02' '355-08' '358-04']

Program: bulge


Done!
```

In [2]: