```
Python 3.7.8 (default, Jun 24 2020, 07:20:10)
[GCC 4.8.5 20150623 (Red Hat 4.8.5-44)] on linux2
Type "help", "copyright", "credits" or "license" for more information.
IPython 7.2.0 -- An enhanced Interactive Python.

In [1]: runfile('/Users/jonathanrzeck/Appsan By PrograMmer Dup', wdir='/Users/jonathanrzeck')
/Users/jonathanrzeck/opt/anaconda3/bin/python
Loading ...

Class 0: 12
Class 1: 12
Class 2: 2160
Class 3: 5248
Class 4: 2160
Class 5: 2160
Class 6: 2160
Class 7: 1920
Class 8: 1920

Fit: 42312
Wts: 42312
Wts: 42312
Wts: 42312
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Wts: Stats 47280

Wts: Stats 5736

Mg_p: Stats 5250
Mg_p: Stats 5250
Mg_p: Stats 5250
Mg_p: Stats 5250

SAE_p: Stats 20850
SAE_p: Stats 20850
SAE_p: Stats 20850
SAE_p: Stats 20850

Alg_p: Stats 5960
Alg_p: Stats 5960
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Alg_p: Stats 5960

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Mg_p: Stats 7500
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red_giants: 1691
red_giants: 1691

co_dwarf: 8361
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red_giants: 6474

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main_sequence: 6474
turnoff: 2950
subgiants: 0
red_giants: 5250

Main_Dwf: 3961
main_sequence: 1962
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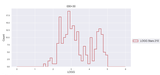

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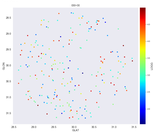

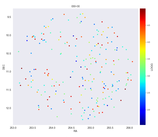

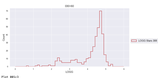

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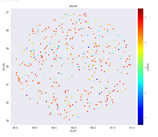

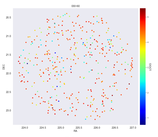

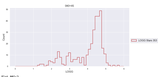

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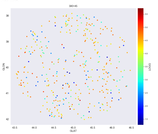

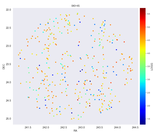

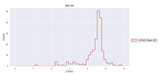

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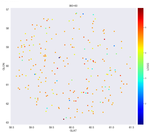

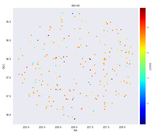

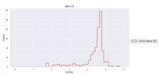

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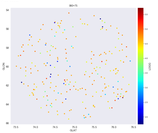

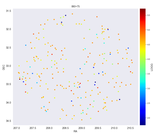

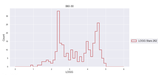

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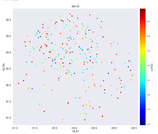

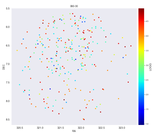

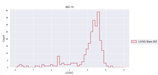

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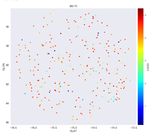

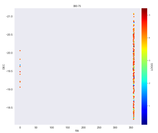

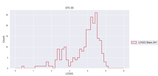

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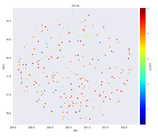

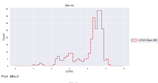

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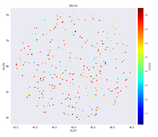

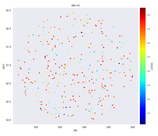

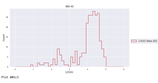

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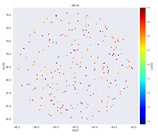

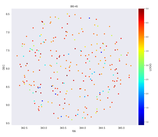

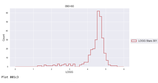

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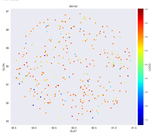

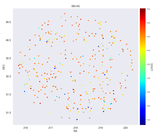

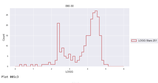

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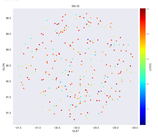

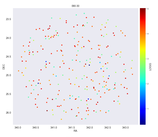

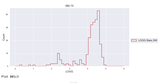

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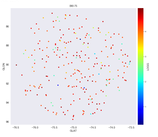

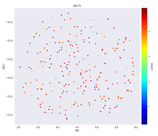

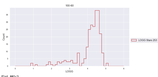

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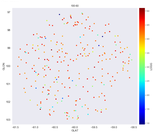

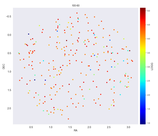

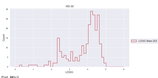

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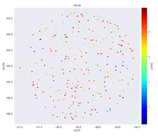

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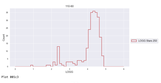

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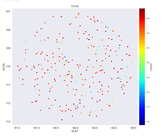

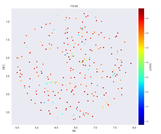

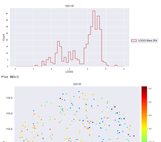

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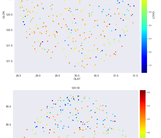

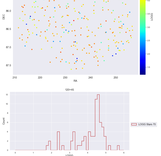

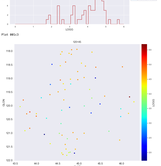

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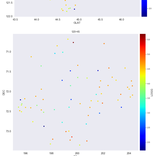

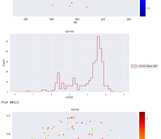

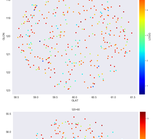

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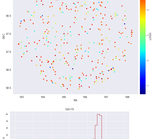

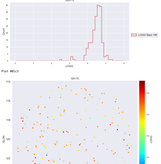

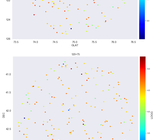

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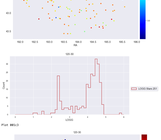

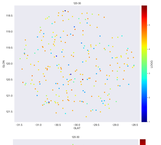

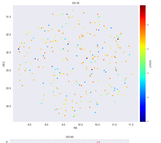

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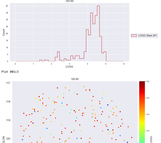

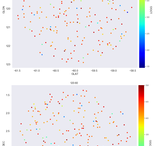

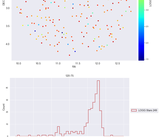

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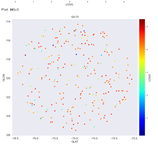
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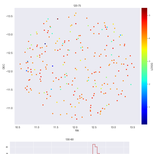
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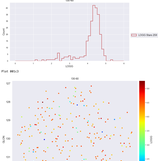
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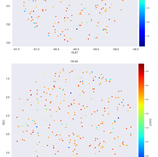
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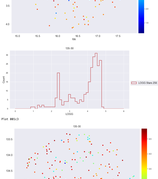
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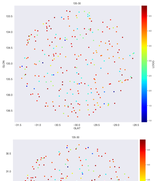
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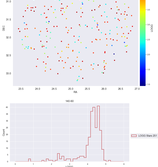
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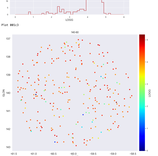
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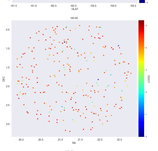
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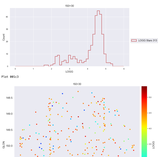
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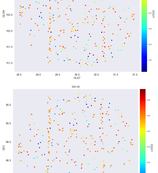
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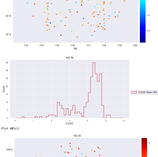
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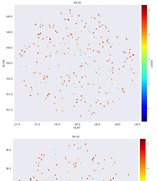
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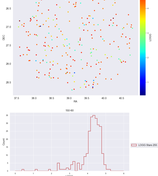
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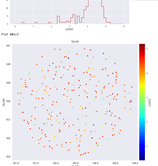
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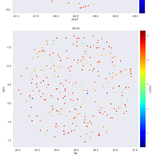
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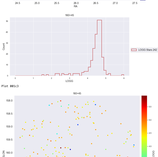
Plot BBLD

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Counts

LC03-Raw
Counts
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Plot BBLD

LC03-DW
DLAT
DLON
Counts

LC03-DW
DEC
RA
Counts

LC03-Raw
Counts
LC03

Plot BBLD

LC03-DX
DLAT
DLON
Counts

LC03-DX
DEC
RA
Counts

LC03-Raw
Counts
LC03

Plot BBLD

LC03-DY
DLAT
DLON
Counts

LC03-DY
DEC
RA
Counts

LC03-Raw
Counts
LC03

Plot BBLD

LC03-DZ
DLAT
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Plot BBLD

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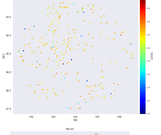
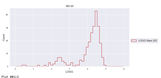
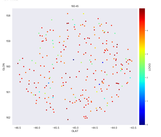
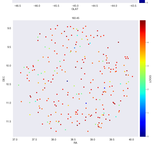
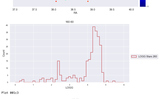




Plot MELD







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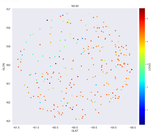

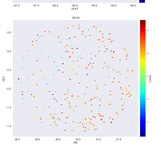

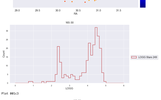

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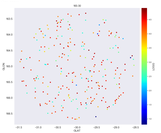

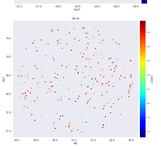

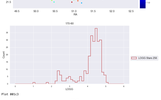

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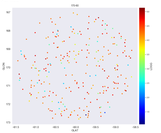

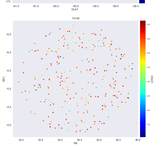

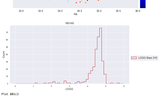

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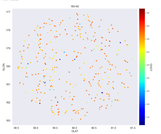

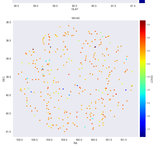

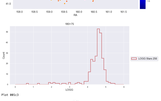

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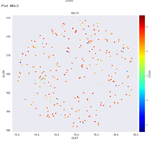

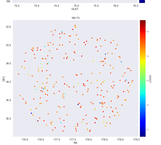

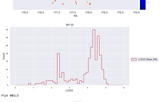

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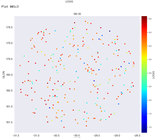

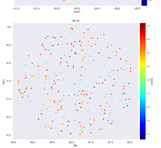

Plot MELD

Plot MELD

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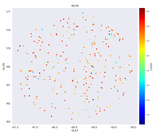
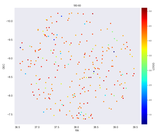
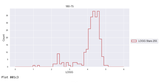
Plot BELO







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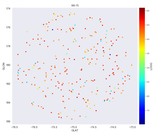

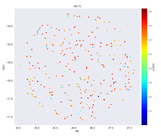

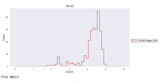

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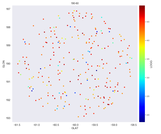

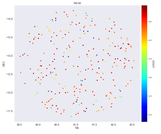

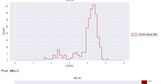

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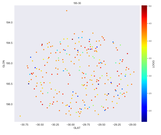

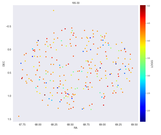

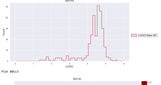

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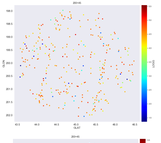

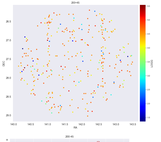

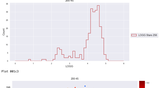

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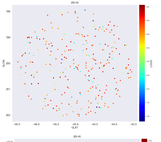

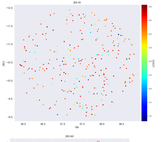

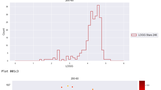

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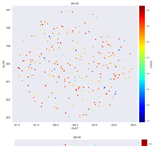

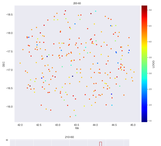

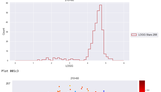

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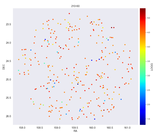

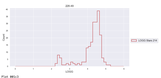

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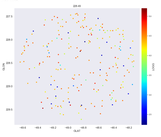

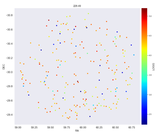

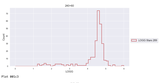

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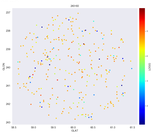

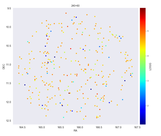

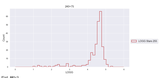

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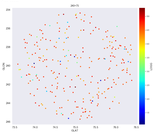

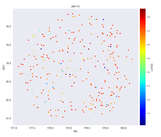

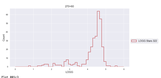

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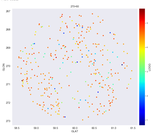

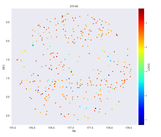

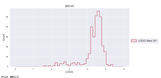

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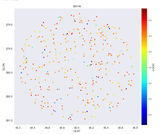

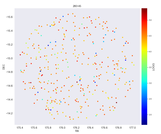

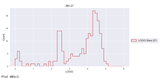

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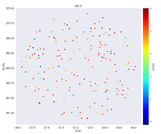

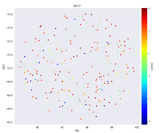

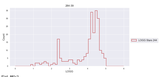

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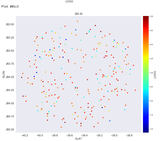

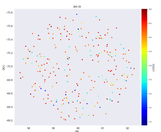

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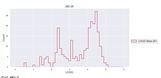

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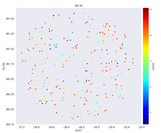

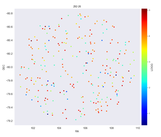

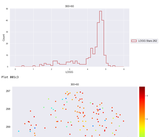

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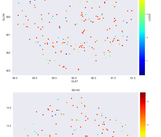

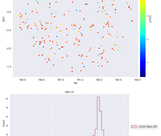

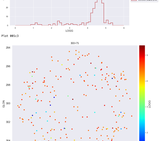

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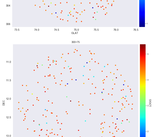

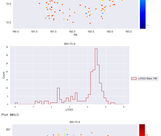

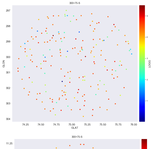

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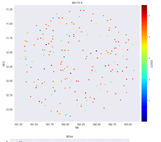

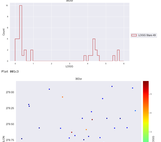

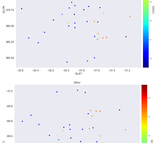

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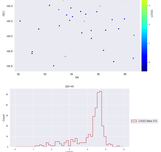

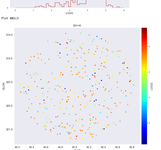

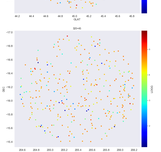

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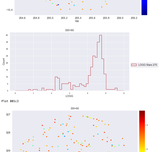
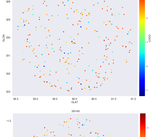
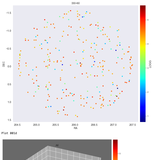


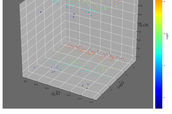
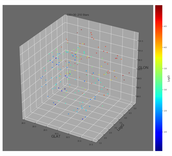
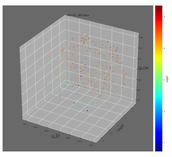
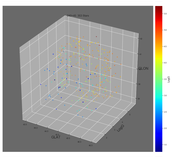
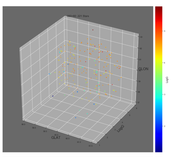
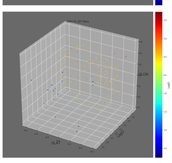
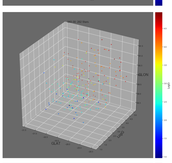
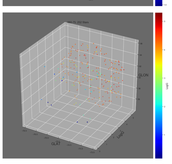
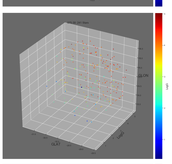
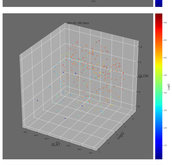
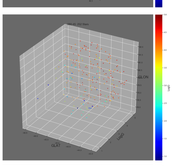
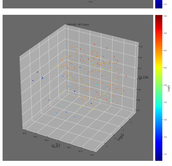
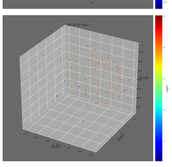
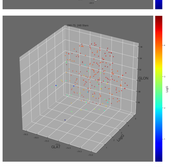
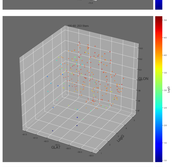
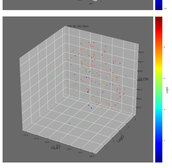
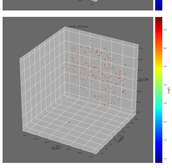


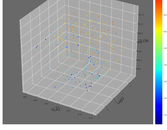
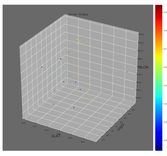
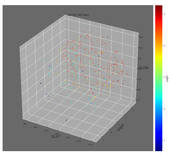
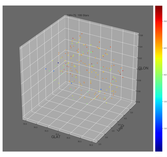
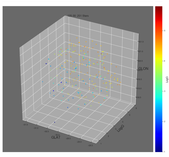
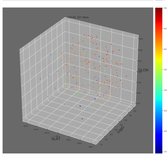
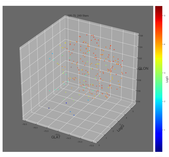
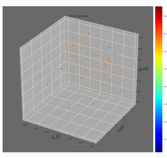
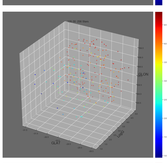
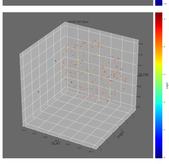
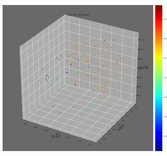
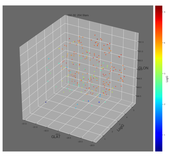
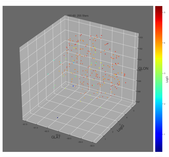
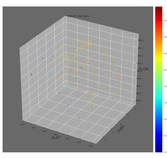
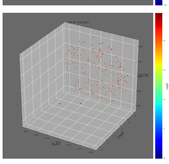
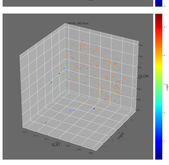
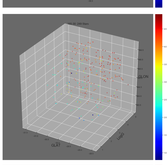


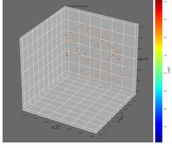
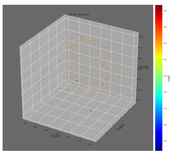
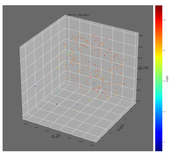
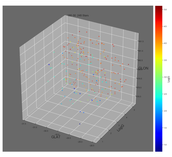
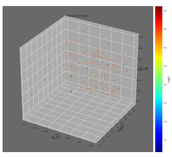
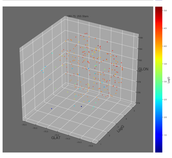
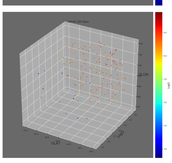
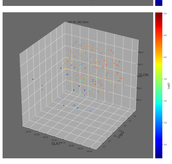
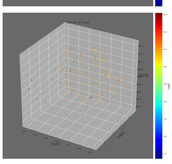
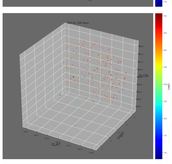
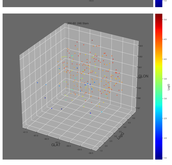
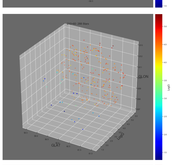
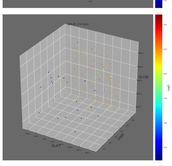
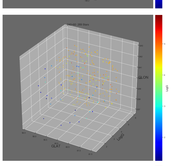
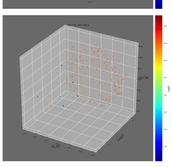
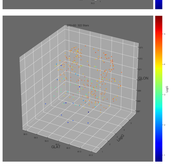
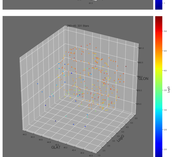
Plot BBLD

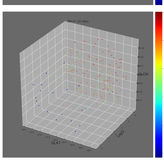
Plot BBLd

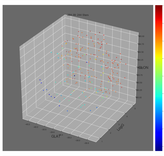
Plot BBLr

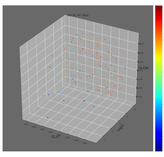


















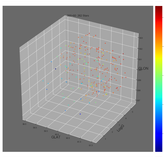


















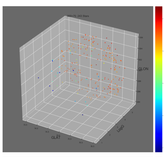


















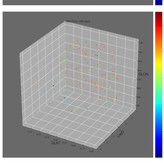


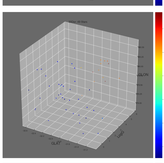


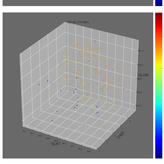


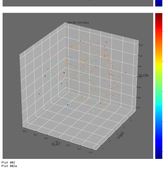






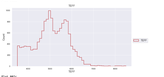




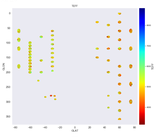


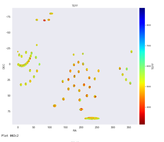
Plot 8B2
Plot 8B4

Plot 8B3b



Plot 8B5:





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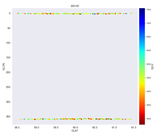

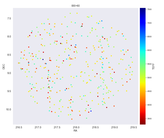

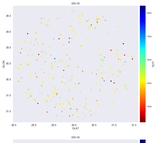

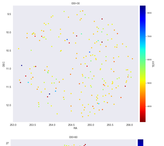

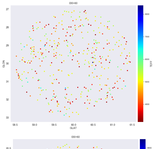

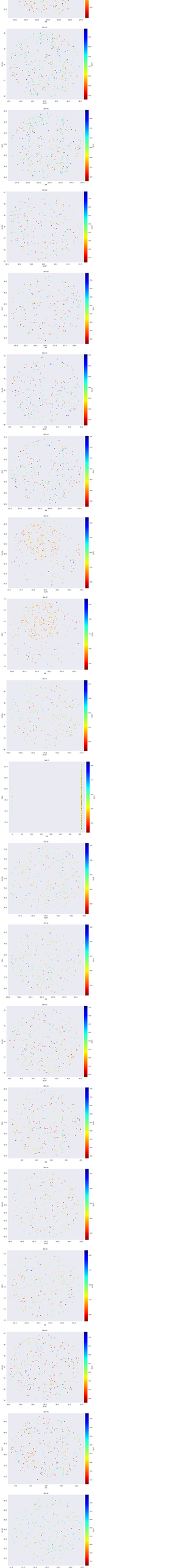

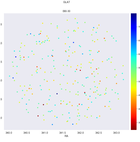
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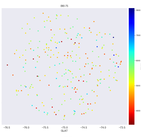
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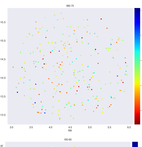
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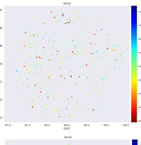
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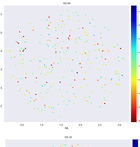
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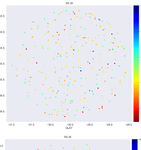
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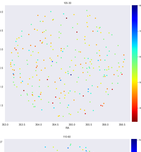
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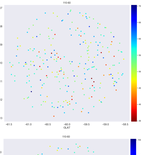
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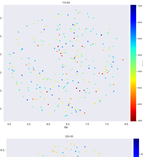
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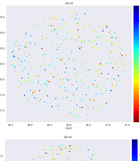
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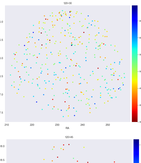
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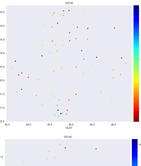
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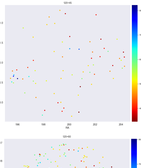
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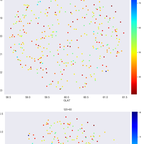
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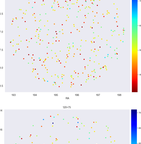
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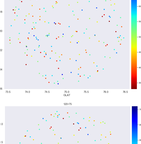
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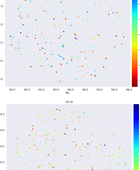
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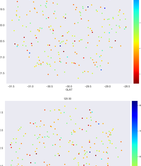
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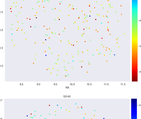
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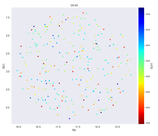
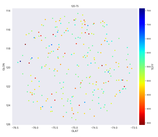
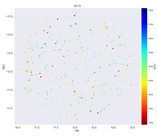
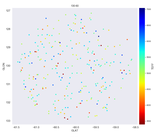
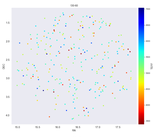
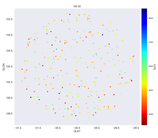
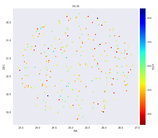
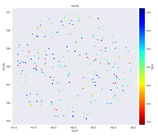
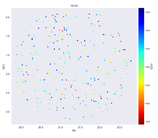
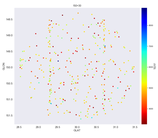
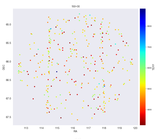
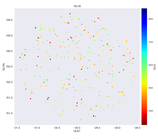
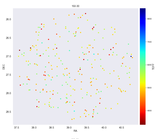
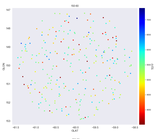
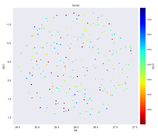
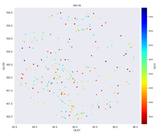
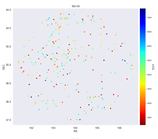
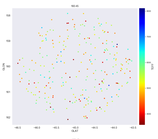
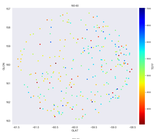
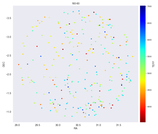
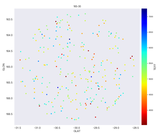
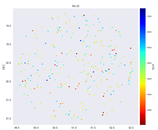
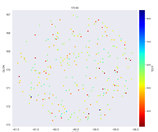
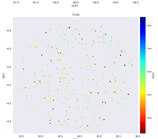
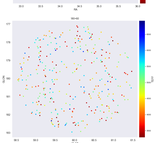
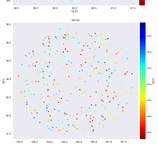
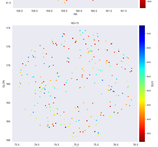
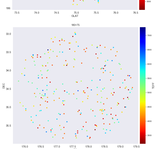
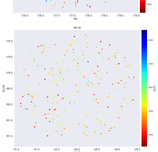
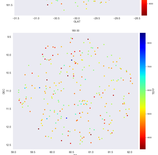
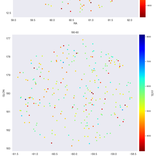
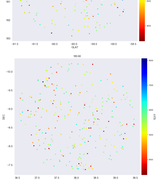
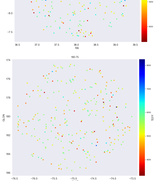
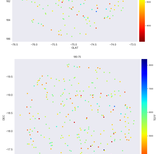
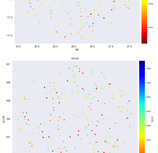
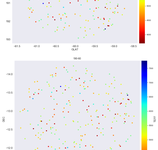
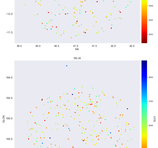
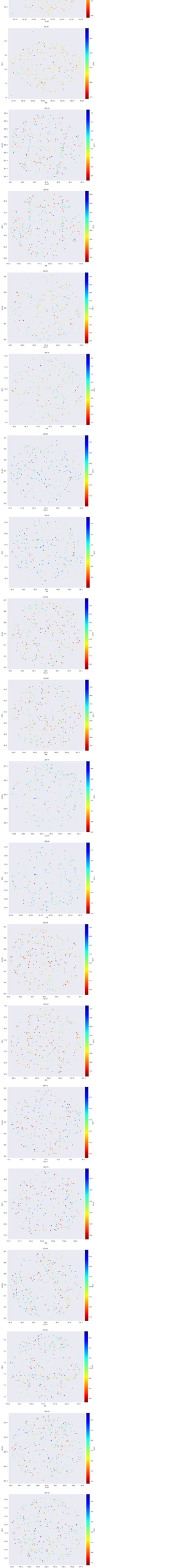
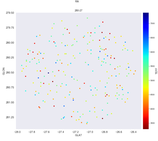
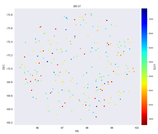
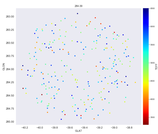



















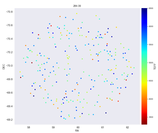




















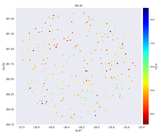


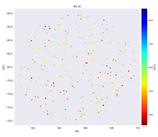


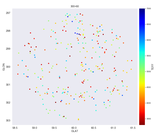


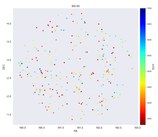


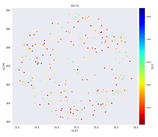


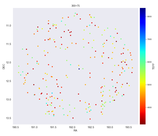


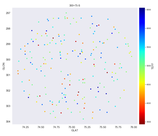


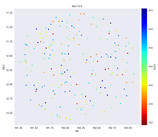


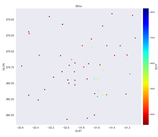


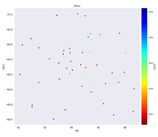


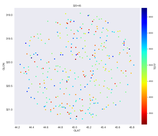


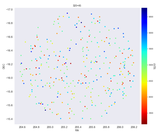


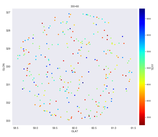


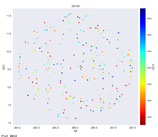


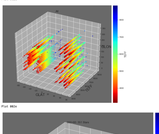






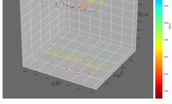
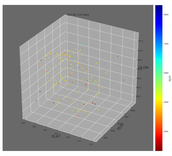
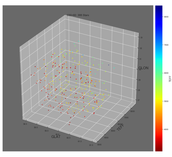
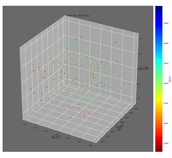
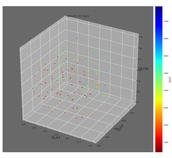
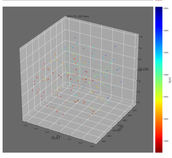
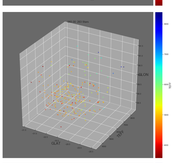
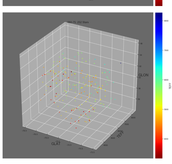
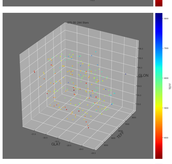
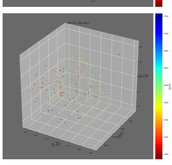
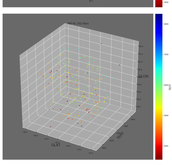
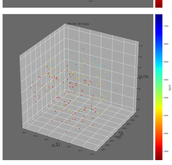
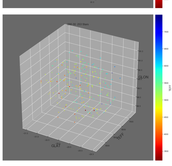
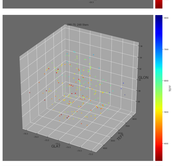
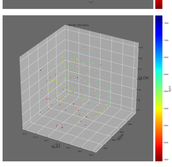
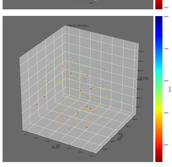
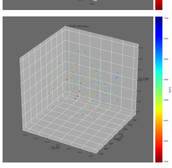


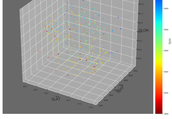
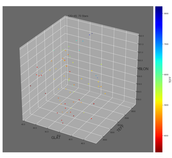
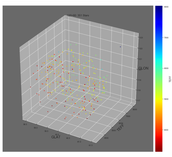
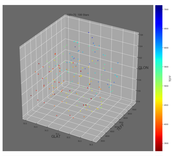
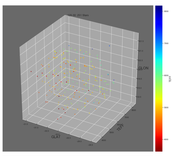
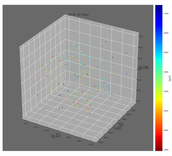
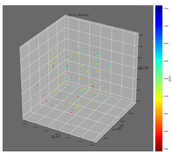
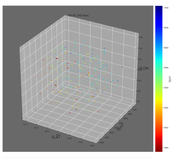
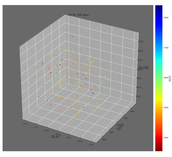
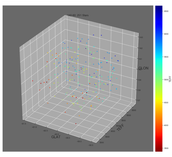
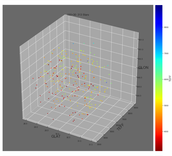
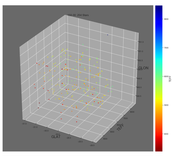
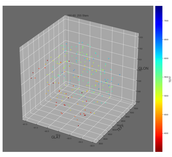
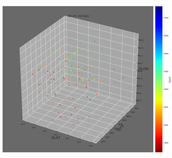
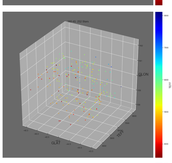
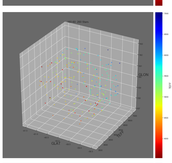
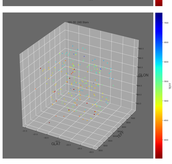


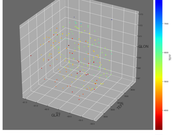
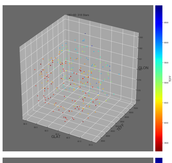
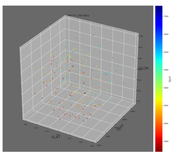
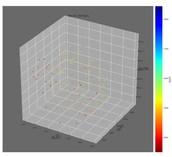
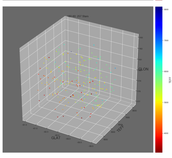
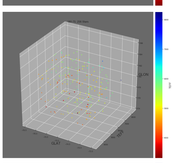
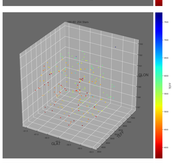
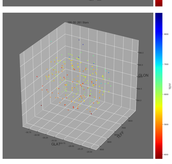
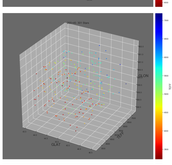
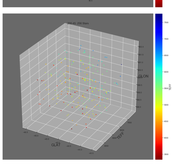
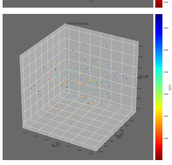
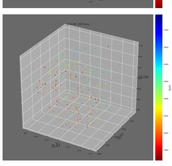
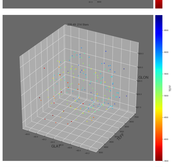
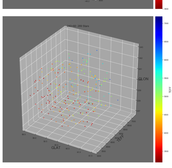
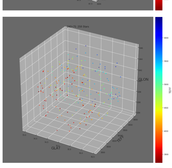
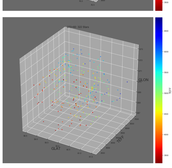
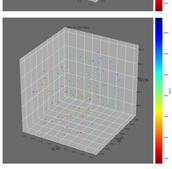


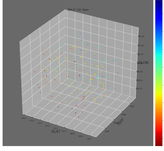
Plot 0002

Plot 0004


Mean Log Power
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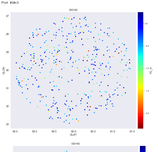
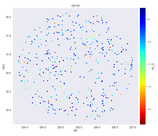
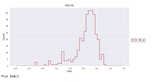
Plot #1&2:







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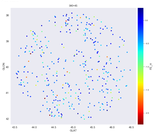

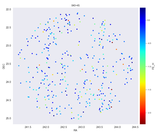

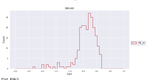

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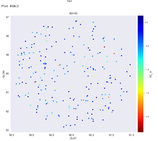

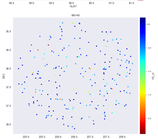

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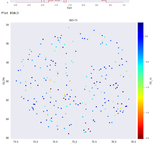

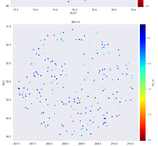

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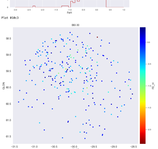

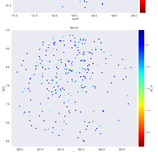

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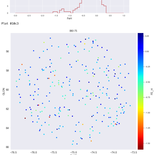

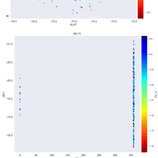

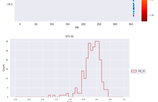

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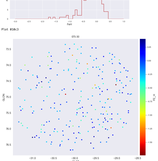

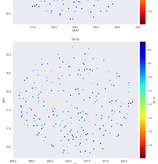

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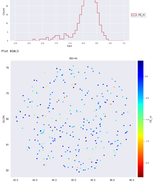

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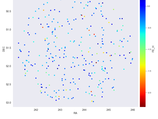
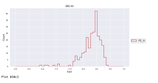
Plot #2&3:

Plot #2&4:

Plot #3&4:





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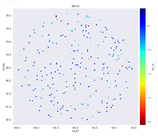

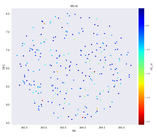

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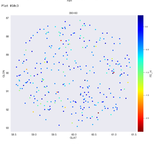

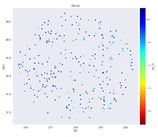

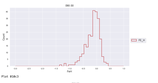

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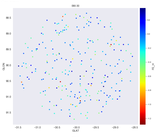

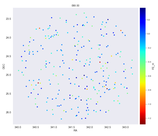

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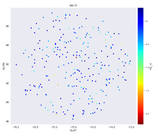

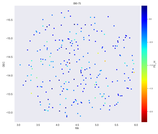

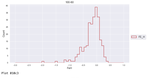

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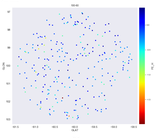

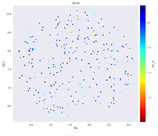

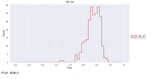

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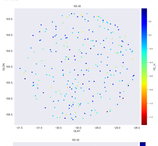

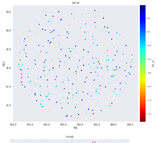

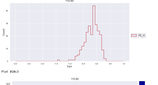

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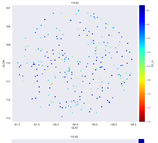

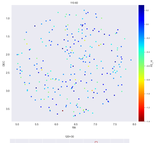

Plot #1&2:

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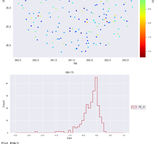


Plot #1&2:

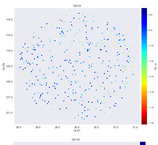
Plot #1&2:

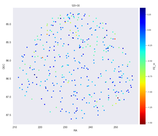
Plot #1&2:

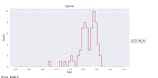
Plot #1&2:

Plot #1&2:

Plot #4k3







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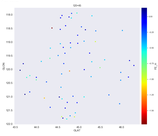

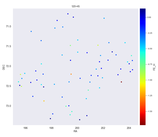

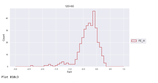

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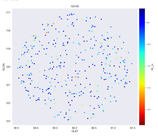

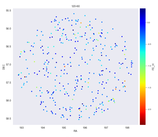

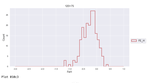

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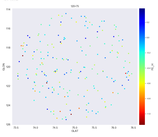

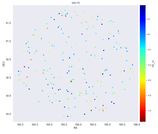

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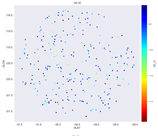

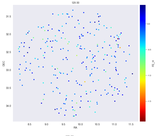

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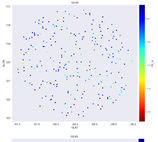

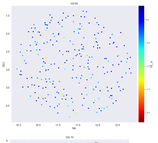

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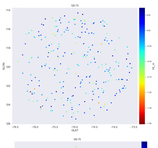

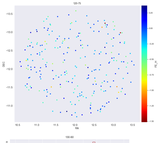

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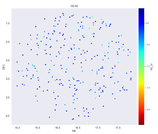

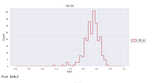

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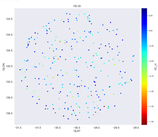

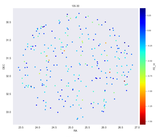

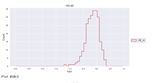

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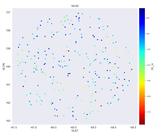

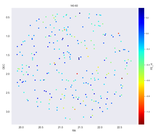

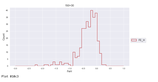

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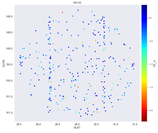

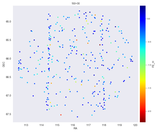

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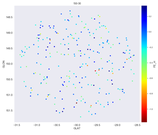

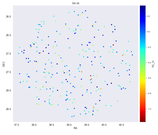

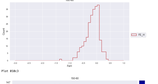

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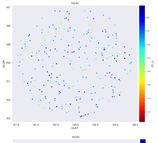

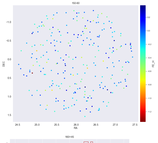

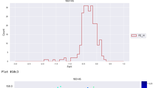

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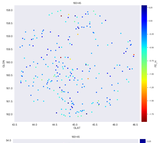

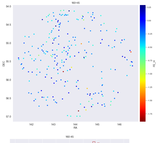

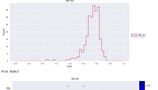

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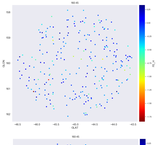

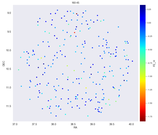

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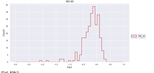

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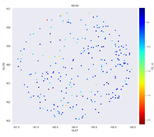

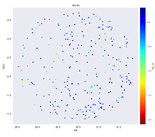

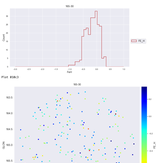

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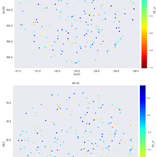

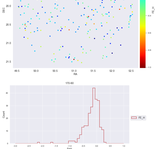

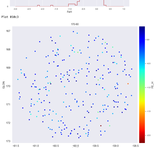

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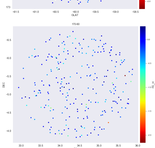
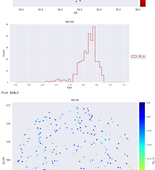
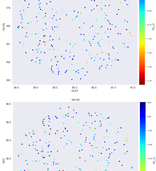
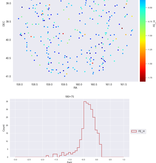
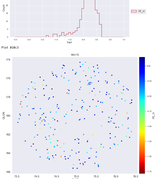


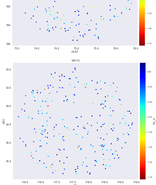




Plot #1&2







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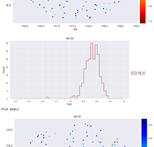

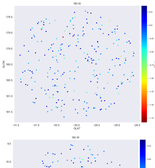

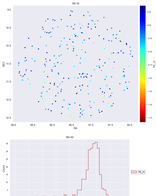

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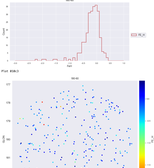

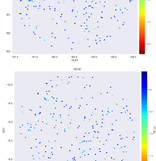

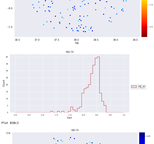

Plot #1&2

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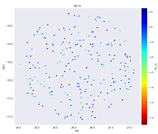

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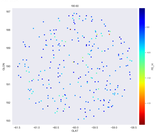

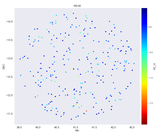

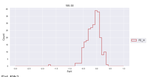

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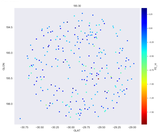

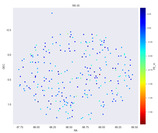

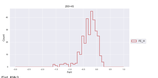

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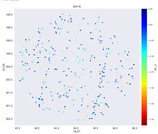

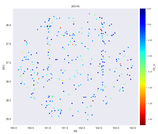

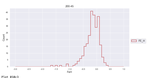

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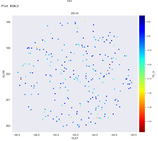

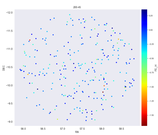

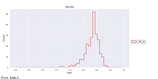

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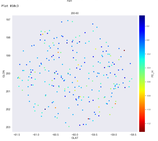

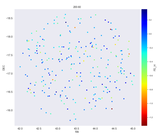

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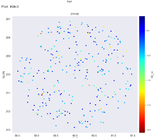

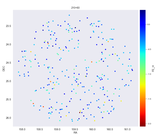

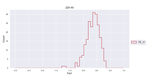

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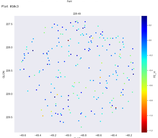

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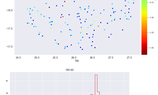

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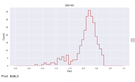

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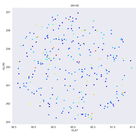

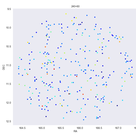

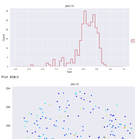

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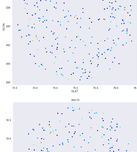

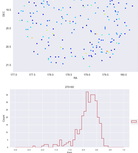

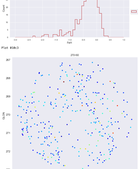

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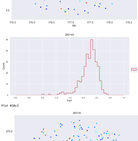

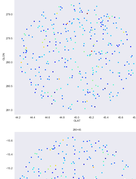

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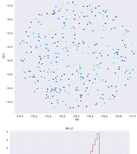

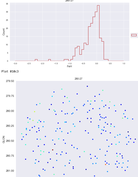

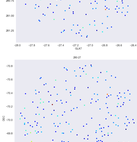

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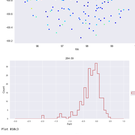

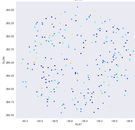

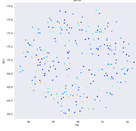

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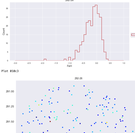

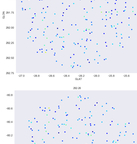

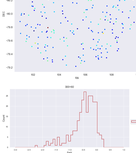

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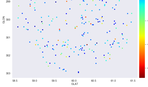

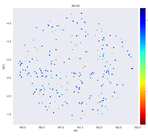

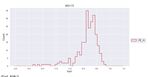

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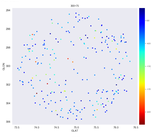

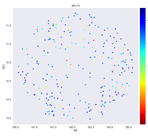

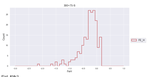

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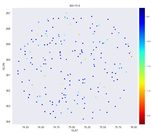

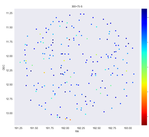

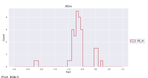

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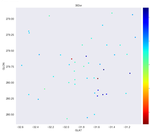

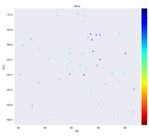

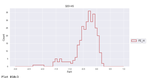

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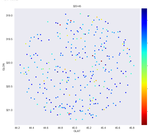

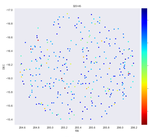

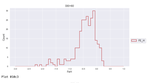

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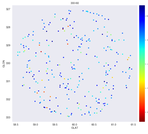

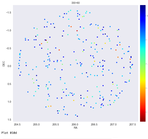

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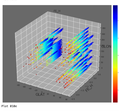

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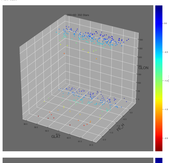

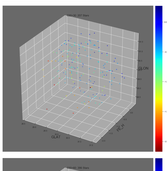

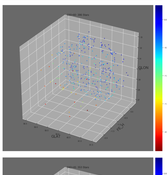

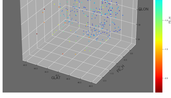
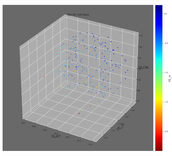
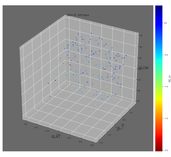
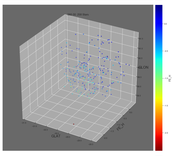
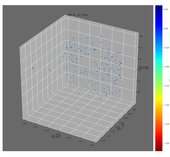
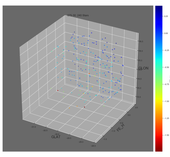
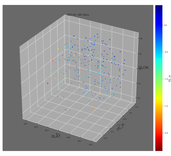
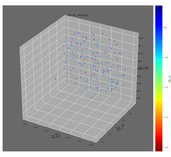
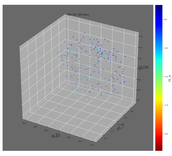
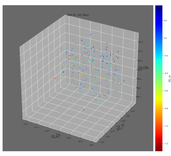
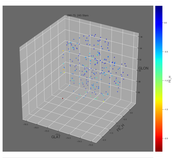
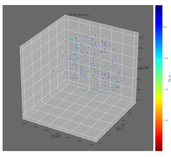
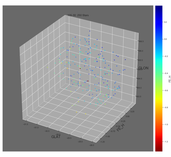
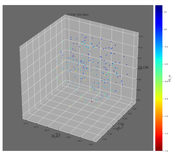
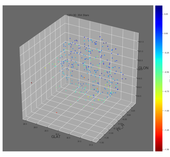
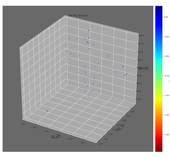
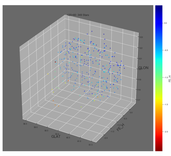

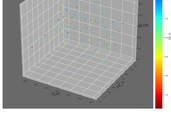
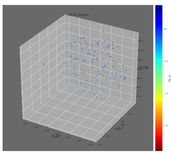
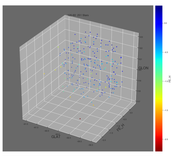
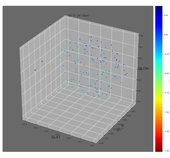
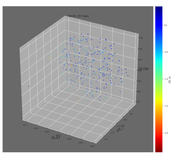
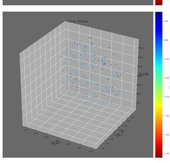
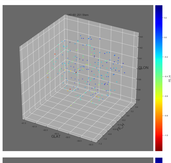
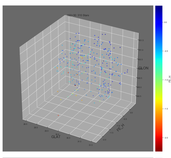
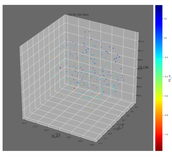
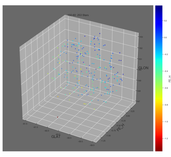
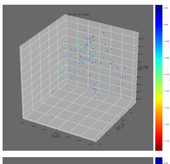
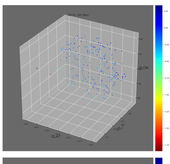
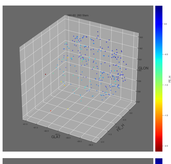
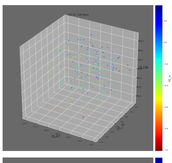
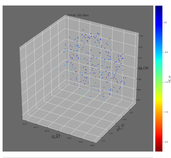
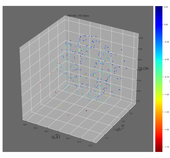
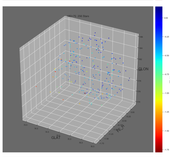

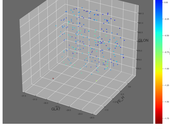
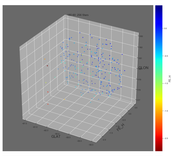
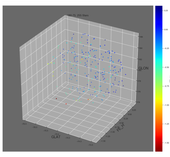
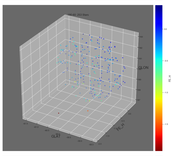
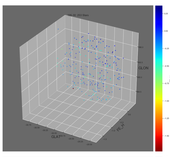
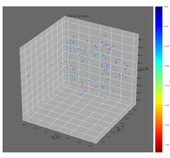
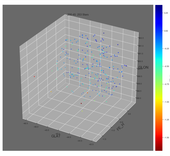
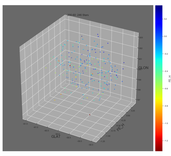
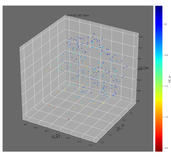
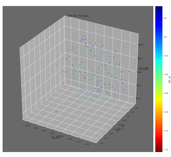
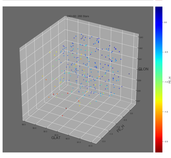
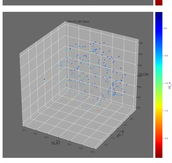
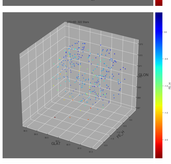
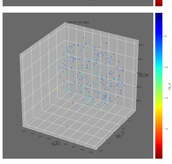
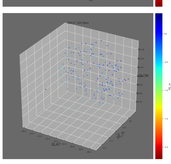
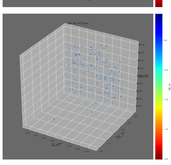
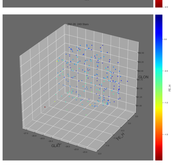

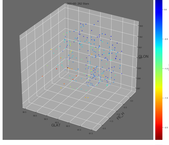
Mean Abundance
Y
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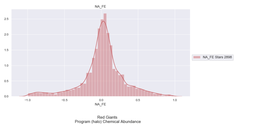

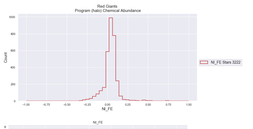

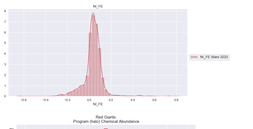

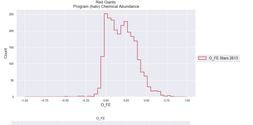

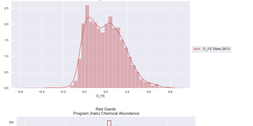

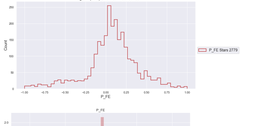

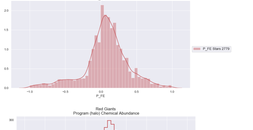

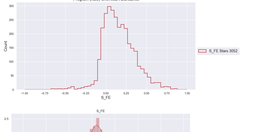

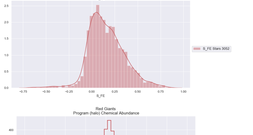

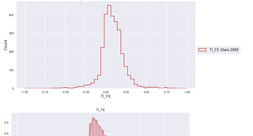

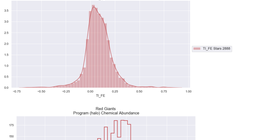

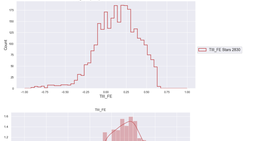

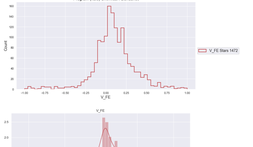

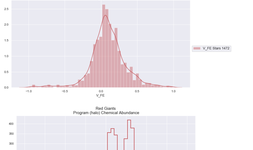

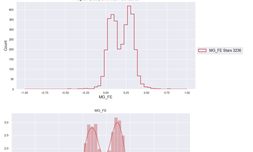

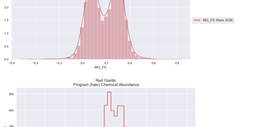

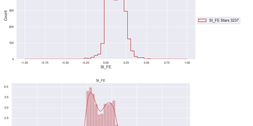

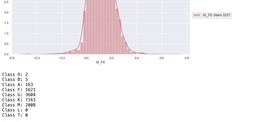


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Class K: 7163
Class M: 2400
Class L: 0
Class T: 0

Fd: 1831
GKd: 7354
GKg: 2613
Mg: 2391
Mg: 148

All: Stars 15589


BAl: Stars 35


FE_a: Stars 341
FE_b: Stars 452
FE_c: Stars 457
FE_d: Stars 203


GKd_a: Stars 1570
GKd_b: Stars 2328
GKd_c: Stars 2544
GKd_d: Stars 897


GKg_a: Stars 829
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GKg_c: Stars 1389
GKg_d: Stars 581


MG_a: Stars 462
MG_b: Stars 748
MG_c: Stars 840
MG_d: Stars 242


Mg_a: Stars 54
Mg_b: Stars 36
Mg_c: Stars 36
Mg_d: Stars 22


Fields: ['000+60' '030+30' '030+60' '040+45' '060+00' '060+15' '060+30' '060-75'
 '075-30' '080+45' '080-45' '090+60' '090-30' '090-75' '120-00' '145-30'
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Program: halo


Done!


[2]:
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