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

In [1]: runfile('/home/jonathanrocks/Apogee By Programmer Dup', wdir='/home/jonathanrocks')
/home/jonathanrocks/anaconda3/bin/spyder
Using matplotlib backend: Qt5Agg

Class 1: 12
Class 2: 1
Class 3: 2102
Class 4: 5248
Class 5: 12148
Class 6: 17148
Class 7: 17148
Class 8: 1219
Class 9: 1219

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Mag: 12148
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Mg: Stars 5730

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Mg_r: Stars 5730
Mg_i: Stars 5730
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GMAG: Stars 20894
RMAG: Stars 20894
IMAG: Stars 20894
ZMAG: Stars 12651

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Mass_min: 3861
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Mass_max: 1747
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main_sequence: 2395
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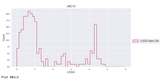

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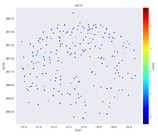

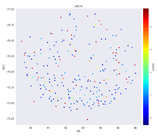

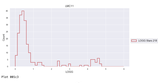

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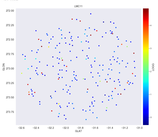

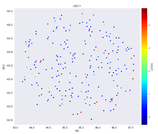

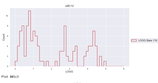

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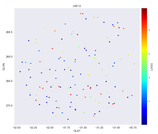

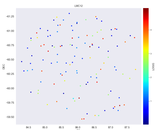

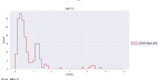

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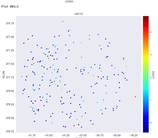

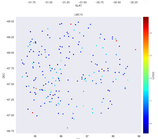

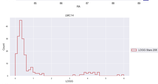

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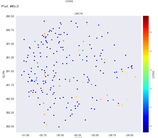

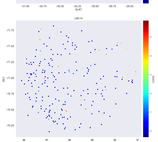

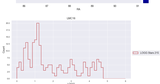

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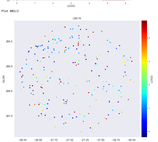

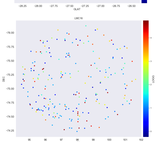

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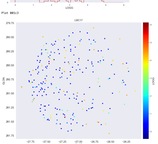

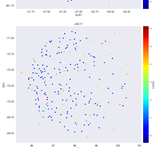

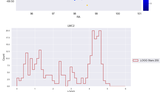

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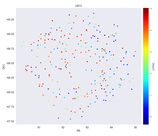

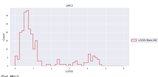

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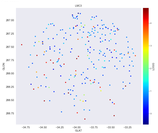

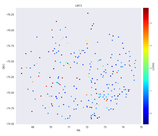

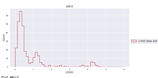

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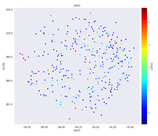

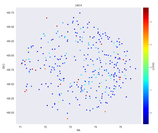

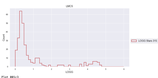

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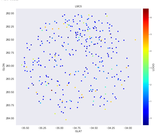

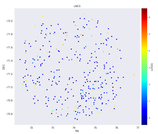

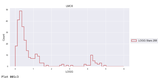

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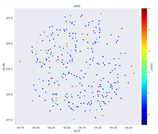

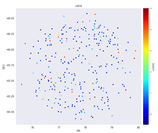

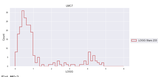

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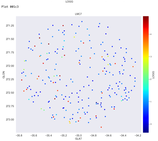

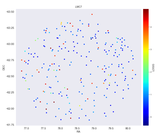

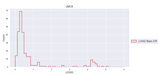

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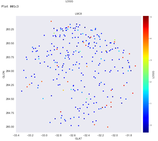

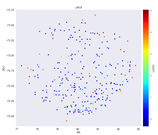

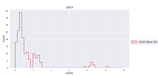

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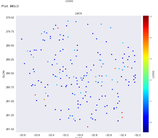

Plot BELO

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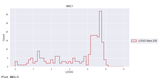

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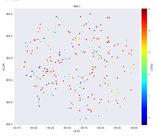

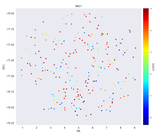

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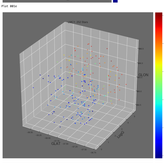
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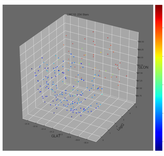
GLST
CAST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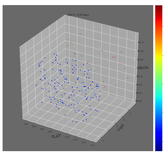
Mean Methylation
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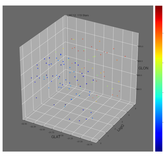
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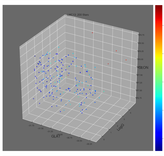
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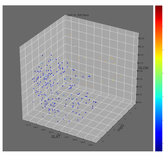
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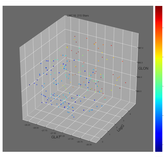
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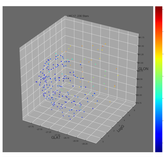
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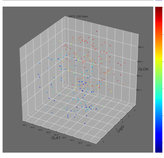
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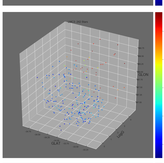
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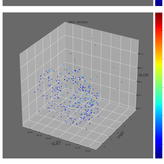
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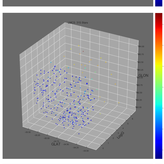
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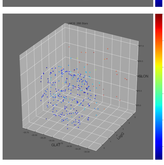
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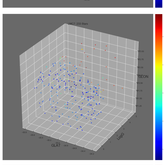
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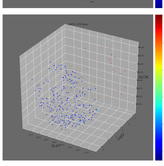
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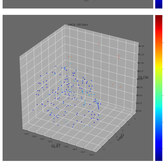
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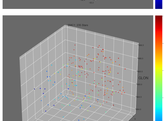
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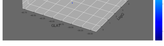

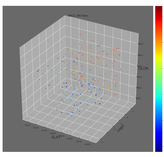

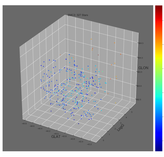

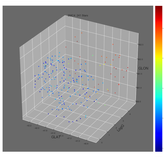

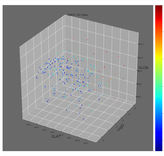

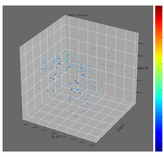

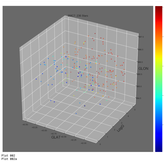

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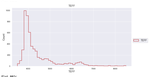
Plot 2D9

Plot 3D2b



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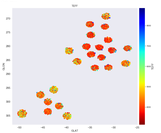

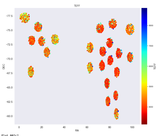

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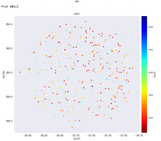

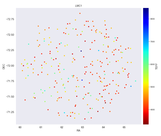

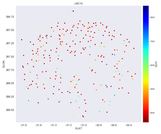

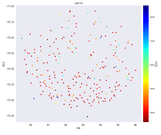

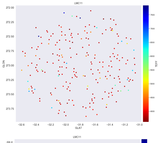

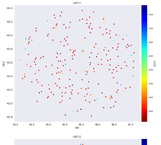

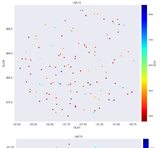

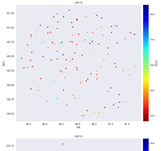

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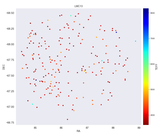
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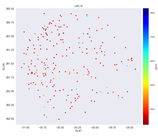
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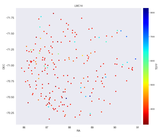
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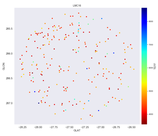
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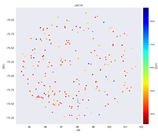
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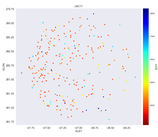
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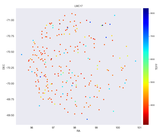
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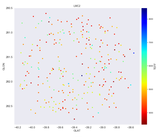
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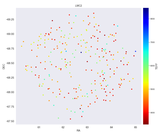
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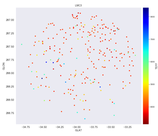
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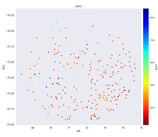
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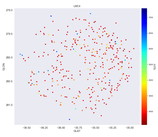
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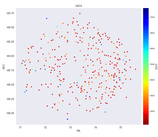
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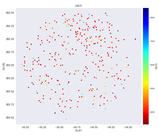
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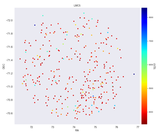
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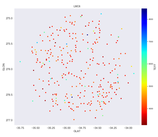
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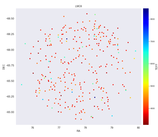
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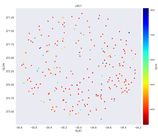
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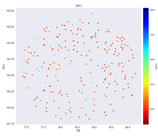
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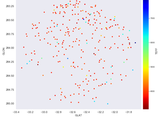
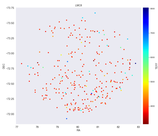
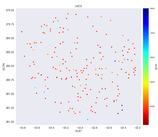
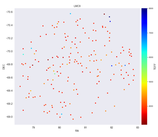
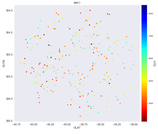
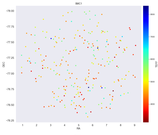


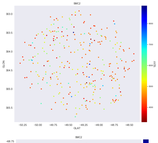


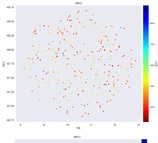


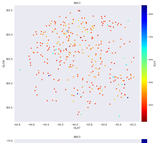


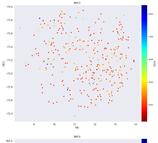


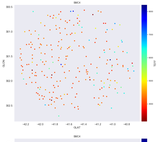


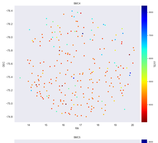


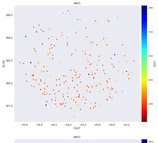


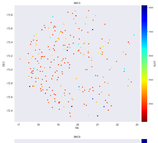


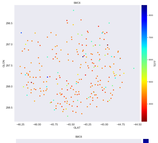


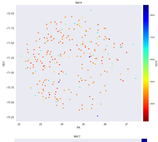


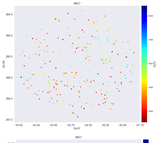


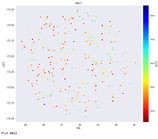




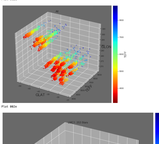




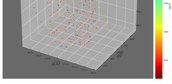
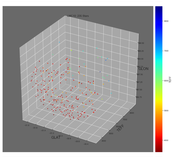
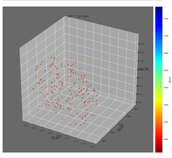
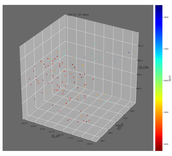
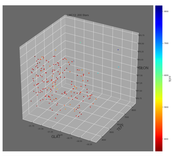
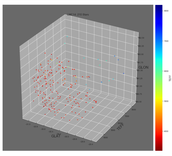
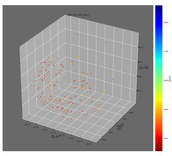
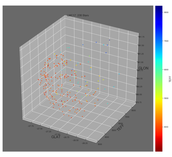
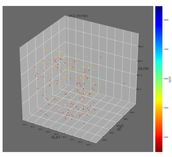
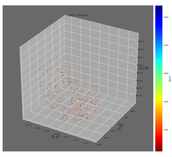
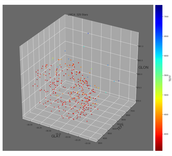
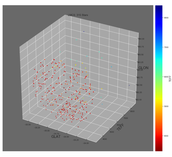
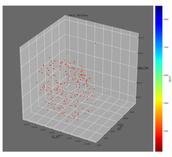
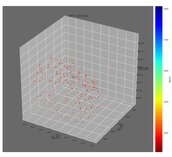
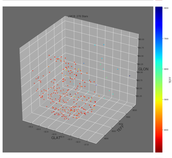
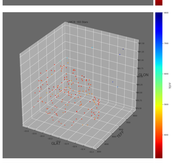
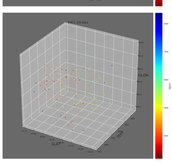


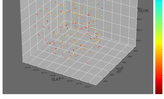


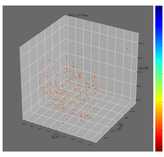
Plot MDS2

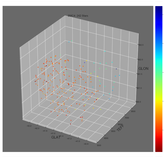


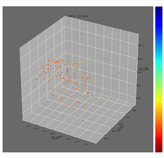
Plot MDS4

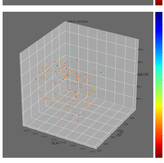


















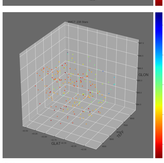








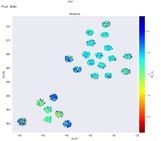


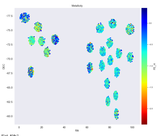


Plot #19
Plot #20:

Plot #20b:

Plot #20c:





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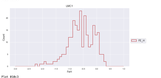

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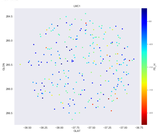

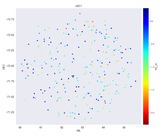

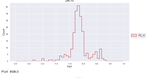

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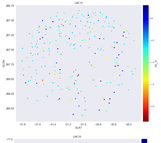

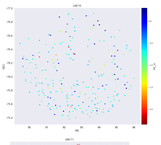

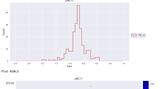

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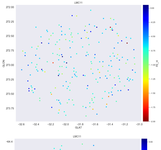

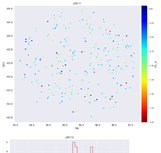

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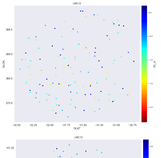
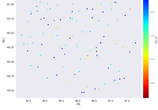
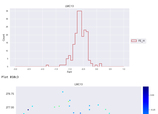
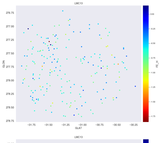
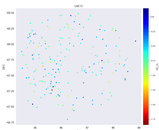


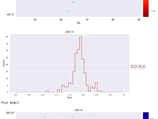




Fun Bin:3







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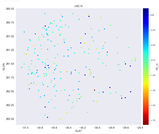

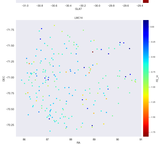

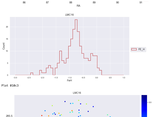

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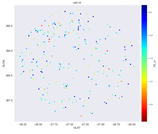

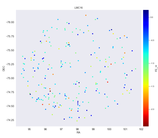

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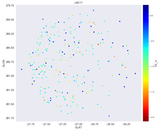

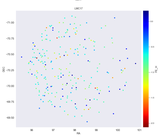

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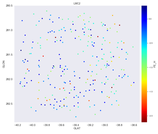

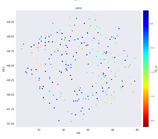

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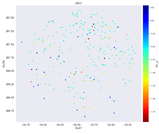

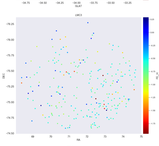

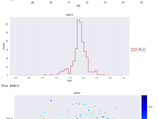

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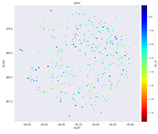

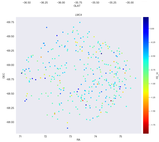

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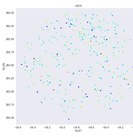

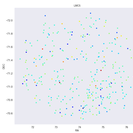

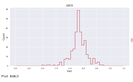

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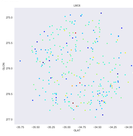

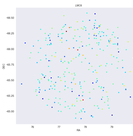

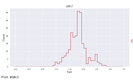

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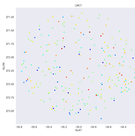

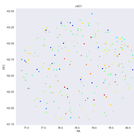

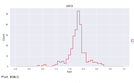

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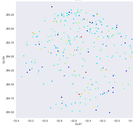

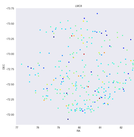

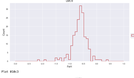

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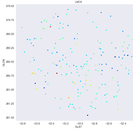

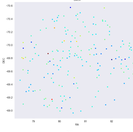

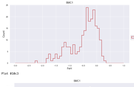

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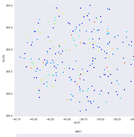

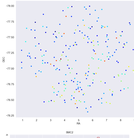

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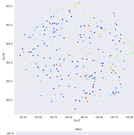

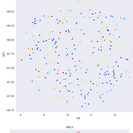

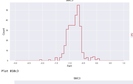

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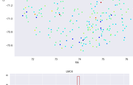

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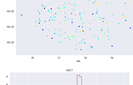

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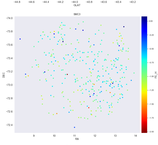

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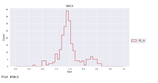

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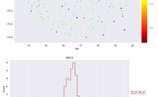

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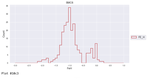

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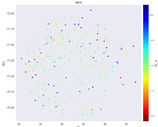

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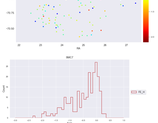

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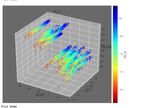

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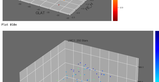

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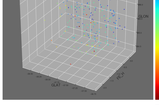

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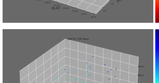

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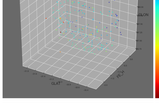

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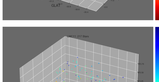

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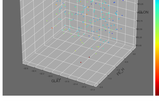

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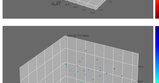

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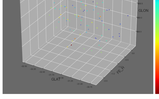

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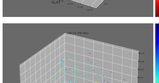

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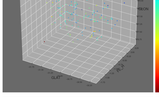

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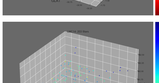

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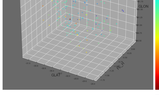
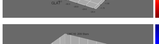


Fun KMJ



Fun KMJ

Fun KMJ

Fun KMJ

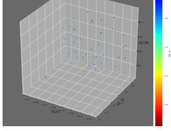
Fun KMJ

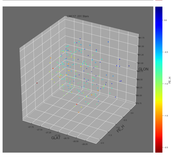
Fun KMJ

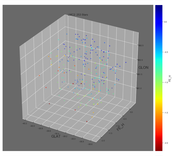
Fun KMJ

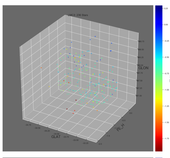
Fun KMJ

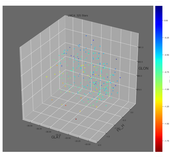
Fun KMJ

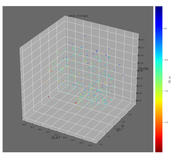


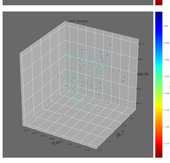


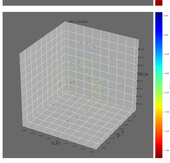


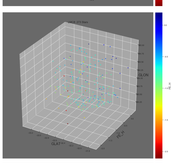


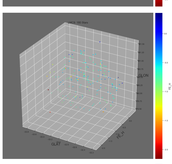


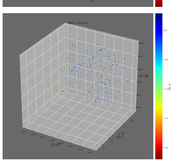


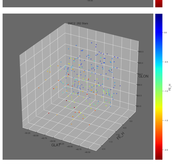


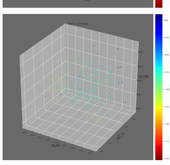


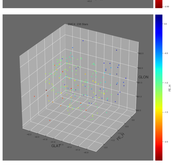


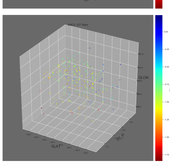


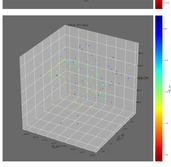












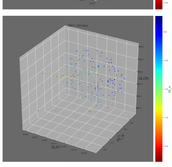
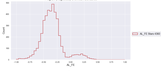


Fig.2 Cont.

Distribution of the Cosmic Ray Anisotropy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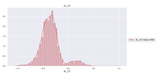
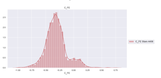
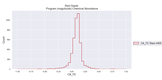
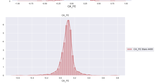
X_35 Stem 0382


X_35
X_35 Stem 0382

Red Giants
Program Unsplitted Chemical Abundance
Count
X_36 Stem 0496


X_36
X_36 Stem 0496


Red Giants
Program Unsplitted Chemical Abundance
Count
X_37 Stem 0492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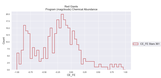
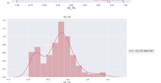
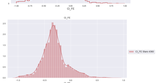
X_37 Stem 0492


Red Giants
Program Unsplitted Chemical Abundance
Count
X_38 Stem 0671


X_38
X_38 Stem 0671

Red Giants
Program Unsplitted Chemical Abundance
Count
X_39 Stem 0380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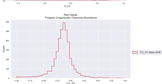
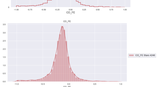
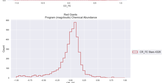
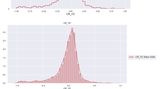
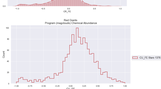
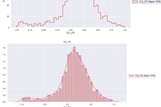

Red Giants
Program Unsplitted Chemical Abundance
Count
X_40 Stem 0248


X_40
X_40 Stem 0248

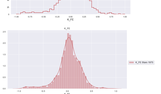

Red Giants
Program Unsplitted Chemical Abundance
Count
X_41 Stem 0328

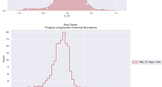

X_41
X_41 Stem 0328

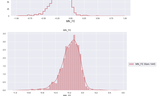

Red Giants
Program Unsplitted Chemical Abundance
Count
X_42 Stem 0376

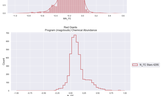

X_42
X_42 Stem 0376

Red Giants
Program Unsplitted Chemical Abundance
Count
X_43 Stem 0372


X_43
X_43 Stem 0372


Red Giants
Program Unsplitted Chemical Abundance
Count
X_44 Stem 0382


X_44
X_44 Stem 0382


Red Giants
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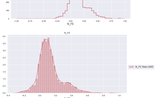
Count
X_45 Stem 0280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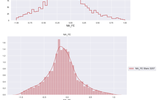
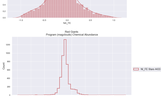
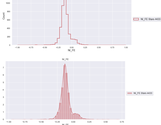
X_45 Stem 0280

Red Giants
Program Unsplitted Chemical Abundance
Count
X_46 Stem 0207


X_46
X_46 Stem 0207


Red Giants
Program Unsplitted Chemical Abundance
Count
X_47 Stem 0432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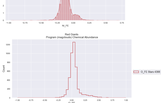
X_47 Stem 0432


Red Giants
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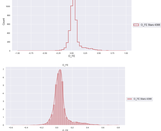
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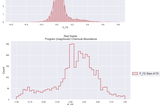
X_48 Stem 0396


Red Giants
Program Unsplitted Chemical Abundance
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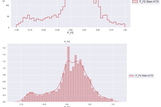
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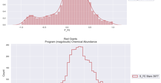
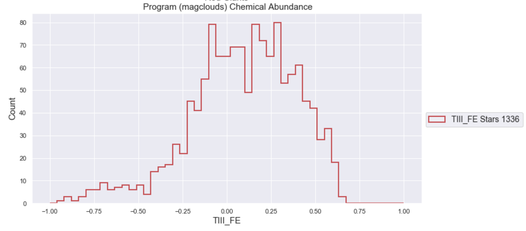
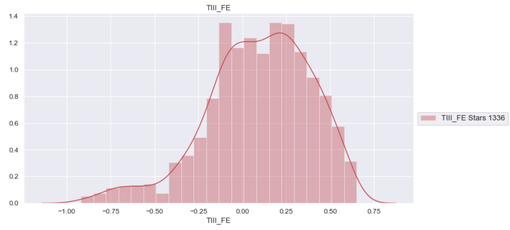

Red Giants
Program Unsplitted Chemical Abundance
Count
X_50 Stem 0877

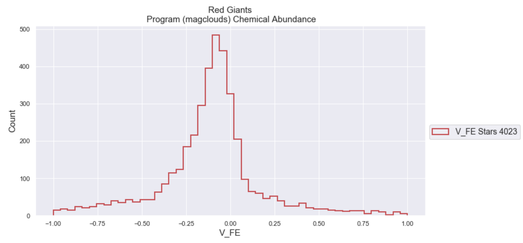
X_50
X_50 Stem 0877

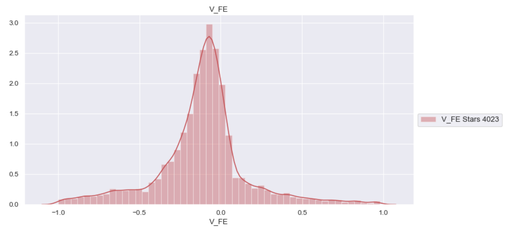
Red Giants
Program Unsplitted Chemical Abundance
Count
X_51 Stem 0375

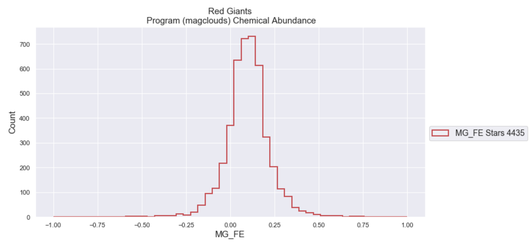
X_51
X_51 Stem 0375

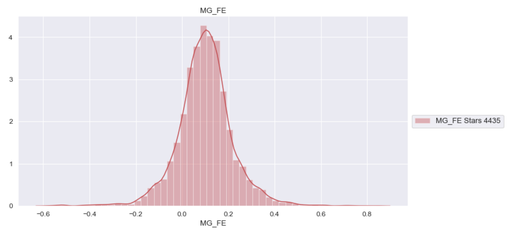


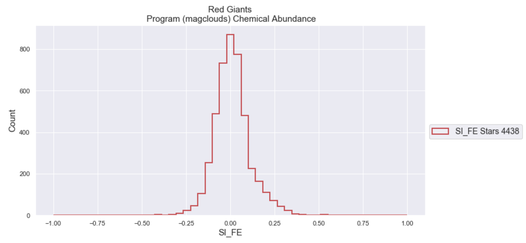


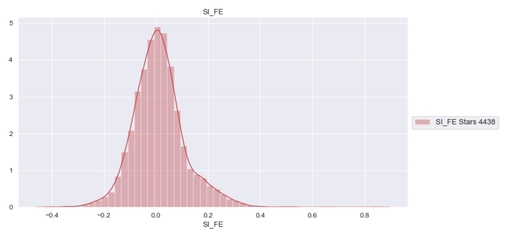










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Class B: 6
Class A: 92
Class F: 410
Class G: 245
Class K: 2859
Class M: 1418
Class L: 0
Class T: 0

Fd: 484
GKd: 505
GKg: 1658
Md: 114
Mg: 2878

All: Stars 5679

BA: Stars 40

Fd_a: Stars 226
Fd_b: Stars 142
Fd_c: Stars 89
Fd_d: Stars 27

GKd_a: Stars 268
GKd_b: Stars 145
GKd_c: Stars 79
GKd_d: Stars 13

GKg_a: Stars 815
GKg_b: Stars 510
GKg_c: Stars 269
GKg_d: Stars 64

Md_a: Stars 58
Md_b: Stars 40
Md_c: Stars 12
Md_d: Stars 4

Mg_a: Stars 1414
Mg_b: Stars 780
Mg_c: Stars 506
Mg_d: Stars 178

Fields: ['LMC1' 'LMC10' 'LMC11' 'LMC12' 'LMC13' 'LMC14' 'LMC16' 'LMC17' 'LMC2'
 'LMC3' 'LMC4' 'LMC5' 'LMC6' 'LMC7' 'LMC8' 'LMC9' 'SMC1' 'SMC2' 'SMC3'
 'SMC4' 'SMC5' 'SMC6' 'SMC7']

Program: magclouds


Done!
```

In [2]: