```
Python 3.7.10 (default, Jun 24 2020, 07:29:10)
[GCC 4.8.5 20150623 (Red Hat 4.8.5-39)] on linux2. For more information.
IPython 7.1.0 -- An enhanced interactive Python.

In [1]: runfile('/Users/josephkarpinski/Dropbox By ProgramName 3.py', wdir='/Users/josephkarpinski')
/Users/josephkarpinski/anaconda3/bin/python
Reading data...

Class 0: 12
Class 1: 2147
Class 2: 2160
Class 3: 5246
Class 4: 2160
Class 5: 2160
Class 6: 2160
Class 7: 1070
Class 8: 1070

Fs: 42212
Wds: 42196
Wdsize: 16
Ns: 2638
Nc: 8411

#II: Stars 47207

Nb: Stars 5730

Ma_p: Stars 5230
Ma_s: Stars 5230
Ma_d: Stars 2860
Ma_g: Stars 2860

SMA_p: Stars 2860
SMA_s: Stars 2860
SMA_d: Stars 1430
SMA_g: Stars 1430

Mg_p: Stars 5860
Mg_s: Stars 5860
Mg_d: Stars 2860
Mg_g: Stars 2860

Mg_p: Stars 5230
Mg_s: Stars 7860
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Mg_p: Stars 5230
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Mg_d: Stars 2860
Mg_g: Stars 1070

Fields: [''0000-00-0''0000-02''0000-02-0''.,.,.''mesing_groups''\r\n\r''\r\']

Bulge: 2219
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subgiants: 2
red_giants: 1882

cui_pers: 8361
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red_giants: 5129

Mata_lthca
main_sequence: 4476
turnoff: 2052
subgiants: 91
red_giants: 5230

Mata_pisc: 3661
main_sequence: 1862
turnoff: 50
subgiants: 1
red_giants: 1588

Mata_dach: 1347
main_sequence: 1
turnoff: 84
subgiants: 1
red_giants: 1411

Mata_crtnum: 1719
main_sequence: 1188
turnoff: 100
subgiants: 1
red_giants: 2413

Mata_ursmin
main_sequence: 1230
turnoff: 1
subgiants: 1
red_giants: 2071

Mata_ursmaj
main_sequence: 1
turnoff: 1
subgiants: 1
red_giants: 1

Mata_ursmaj: 1
main_sequence: 1
turnoff: 1
subgiants: 1
red_giants: 1

cluster_gc: 5470
main_sequence: 2661
turnoff: 40
subgiants: 1
red_giants: 4270

cluster_gc: 3181
main_sequence: 1174
turnoff: 100
subgiants: 1
red_giants: 1217

cluster_gc: 967
main_sequence: 1
turnoff: 1
subgiants: 1
red_giants: 747

cluster_gc: 946
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turnoff: 1
subgiants: 1
red_giants: 1

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red_giants: 1

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red_giants: 1

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turnoff: 1
subgiants: 1
red_giants: 1

cluster_gc: 1
main_sequence: 1
turnoff: 1
subgiants: 1
red_giants: 1

Magellanic: 7431
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turnoff: 100
subgiants: 1
red_giants: 6262

Ari: 1198
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red_giants: 1584

Ari_dsc: 204
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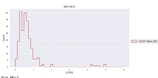
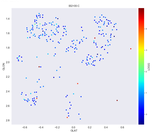
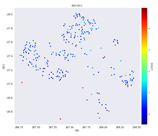
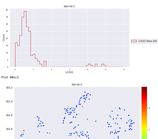


Plot 86L0







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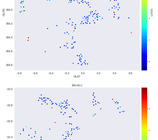

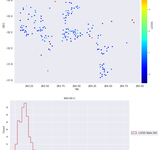

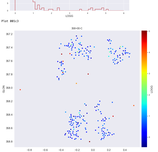

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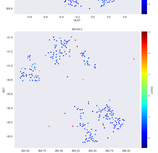
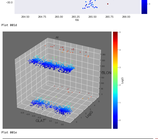
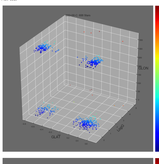
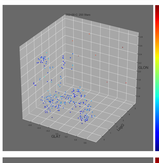


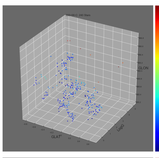


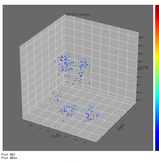
Plot 86L4

Plot 86Ma



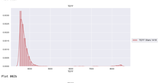






Plot 86T

Plot 86Ma



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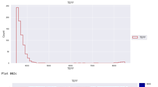

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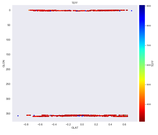

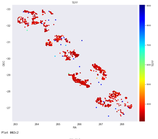

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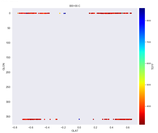

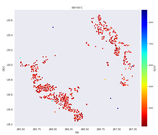

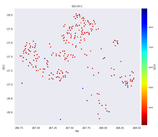

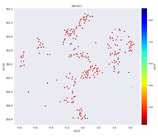

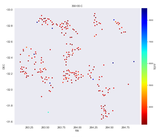

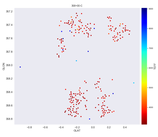

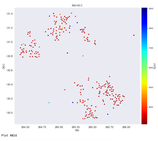

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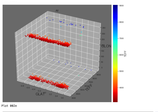

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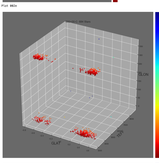
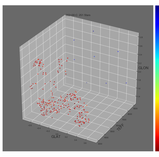
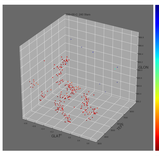
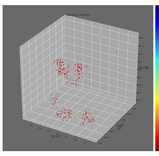


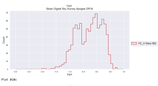






Plot 8638
Plot 8686

Plot 8686



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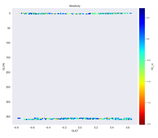

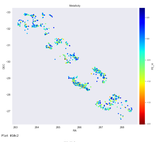

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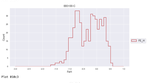

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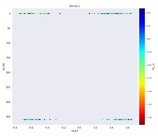

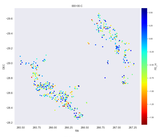

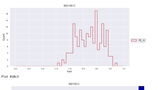

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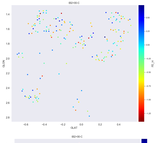

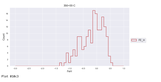

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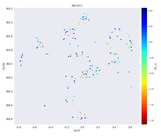

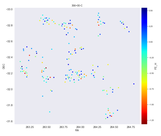

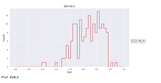

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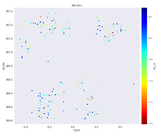

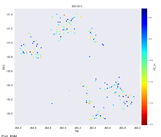

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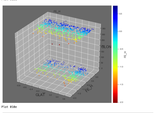

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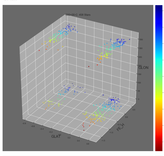

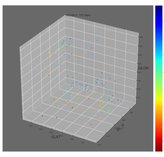

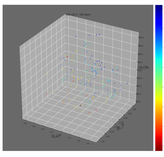

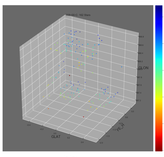

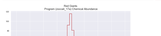

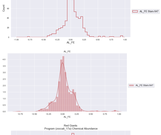

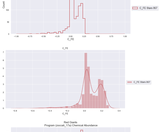

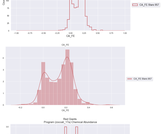

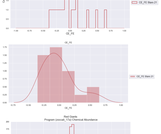

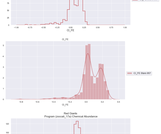

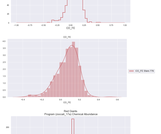

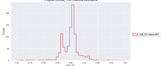

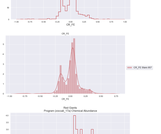

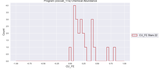

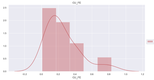

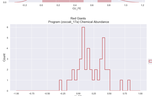

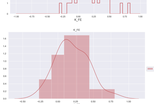

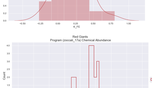

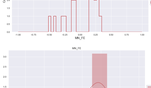

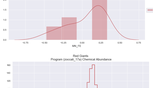

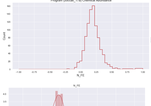

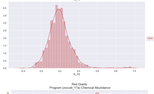

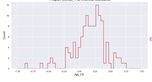

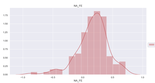

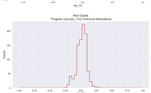

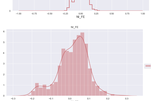

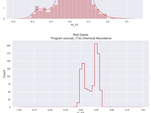

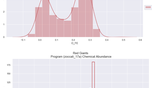

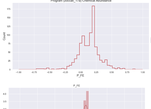

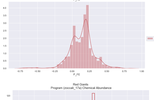

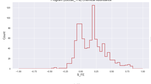

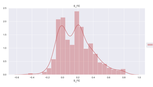

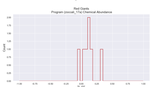

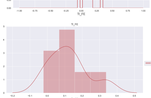

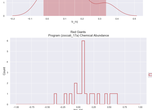

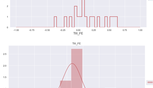

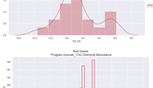

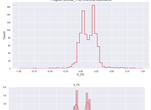

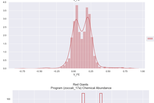

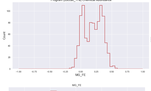


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Class 2: 127
Class 3: 1
Class 4: 2
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0

Fe: 5
Ok: 0
Mg: 0
Mn: 0
Ng: 1024

ATC: Stars 1424

Ok: Stars 20

Fe,Ar Stars 4
Fe,Ni Stars 1
Fe,Si Stars 4

Ok,Ar Stars 8
Ok,Ca Stars 4
Ok,Fe Stars 4
Ok,Si Stars 4

Ok,Ar Stars 12
Ok,Ca Stars 1
Ok,Fe Stars 4
Ok,Si Stars 4

Mg,Ar Stars 8
Mg,Si Stars 4
Mg,Ca Stars 4
Mg,Ni Stars 4

Mg,Ar Stars 385
Mg,Si Stars 264
Mg,Ca Stars 264
Mg,Ni Stars 264

Fields ('000+00-C' '001+00-C' '216+00-C' '250+00-C')

Program (ascii2_17a

ascii2_17a: 2018
This project aims to extend the SDSSDYN Inner Bulge Survey (SIBS, Zasowski et al. 2014, 2018, Generoso et al. 2023)
to the outer bulge and bulge-disk transition region using the APOGEE-2 Survey (Majewski et al. 2017).
Bulge Momentum summary. The observation red giant branch (RGB) stars within a small range of
reddening E(J-Ks) or Teff Galactic Bulge fields will allow us to derive the
Bulge Momentum Distribution Function (BMDF) fitting establish whether the metal-poor bulge component
is indeed dominant in the central regions.

ATC:
Ng(1)
```