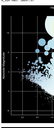
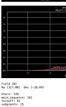
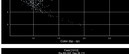
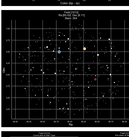
```
Python 3.7.6 (default, Jan 28 2020, 07:20:02)
[GCC 4.2.1 Compatible Apple LLVM 9.0.0 (clang-900.0.39.2)] on darwin.
Type "help", "copyright", "credits" or "license" for more information.
IPython 7.12.0 -- An enhanced Interactive Python.
In [1]: runfile('/Users/jonathanpaxson/GALAXY MZ Fields.py', wdir='/Users/jonathanpaxson')
Using/Creating cosmo.pickle in /Users/jonathanpaxson
Loading Data...
Cosmo Functions Loaded

Step 000
Step 001
Loaded Fields Added Done!

Step 002
Step 003 Print Fields.
Step 004 Print Columns.

Field 1 (1)
Mz [10.00] Nmz [1.20.00]
Nmz=1.20E07 Mz=
Mass_Lower=0.0001
Mass_Upper=0.1000
nsbgsize= 1000
nsbgbins= 1000
rmf_gamma= 5000

Class Ex: 12
Class Ex: 13
Class Ex: 140
Class Ex: 1400
Class Ex: 2700
Class Ex: 2800
Class Ex: 150
Class Ex: 160
Class Ex: 8
Class Ex: 9

m_cut Max: 0000.97
```




Mz=1E07 Nmz [1.20.00]
Mass (Msun)
Number of Galaxies
Mass Bin Number
Mass Bin Number
Mass Bin Number





Log Mass (M_Jup)
Log Mass (M_Jup)
Mass (M_J)
Mass (M_J)
Mass (M_J

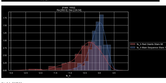
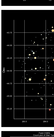


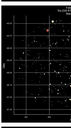
Fig.(28) Dens. [-2.02,.96]
Mean: 1.000
Mean_separation: 75
Sum(Dens): 1.000
Sum(Dens^2): .39
Sum(Dens^3): .16
Sum(Dens^4): .08
Class Ex: 0
Class Ex: 1
Class Ex: 2
Class Ex: 3
Class Ex: 4
Class Ex: 5
Class Ex: 6
Class Ex: 7
Class Ex: 8
Fig.(28) Dens. [-2.02,.96]
Fig.(28) Dens. [-2.02,.96]
Fig.(28) Dens. [-2.02,.96]



Field [100]
Ra [128.87] Dec [-66.34]

Stars: 1861
Gaia_sources: 1498
Gaiaqrf: 76
Gaiaqrf_cmd: 76
red_clump: 20
Cluster Fit:
Class A: 5
Class B: 4
Class C: 4
Class D: 68
Class E: 14
Class F: 23
Class G: 8
Class H: 4
Class I: 0

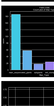
A_ext Mean: 0.01

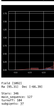


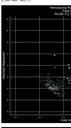
Field [100]
Ra [81.57] Dec [-66.34]

Stars: 380
Gaia_sources: 227
Gaiaqrf: 148
Gaiaqrf_cmd: 148
red_clump: 21
Cluster Fit:
Class A: 0
Class B: 0
Class C: 0
Class D: 120
Class E: 18
Class F: 57
Class G: 7
Class H: 0
Class I: 0

A_ext Mean: 0.01







Field [100]
Ra [0.00] Dec [-0.11]

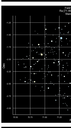
Stars: 266
Gaia_sources: 148
Gaiaqrf: 148
red_clump: 21
Cluster Fit:
Class A: 0
Class B: 0
Class C: 0
Class D: 68
Class E: 16
Class F: 55
Class G: 8
Class H: 0
Class I: 0

A_ext Mean: 0.77

Field [100]
Ra [148.51] Dec [-10.56]

Stars: 203
Gaia_sources: 148
Gaiaqrf: 148
red_clump: 21
Cluster Fit:
Class A: 0
Class B: 0
Class C: 0
Class D: 68
Class E: 16
Class F: 55
Class G: 8
Class H: 0
Class I: 0

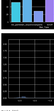
A_ext Mean: 0.57

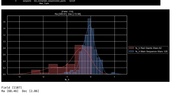


Field [100]
Ra [148.51] Dec [-10.56]

Stars: 380
Gaia_sources: 226
Gaiaqrf: 148
red_clump: 21
Cluster Fit:
Class A: 0
Class B: 0
Class C: 0
Class D: 68
Class E: 16
Class F: 55
Class G: 8
Class H: 0
Class I: 0

A_ext Mean: 0.77



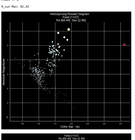


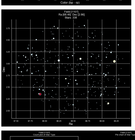
Field 11207:
Ra [20.0] Dec [2.0]

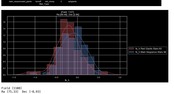
Stars: 238
mean_separation: 98
sigma: 0.0
subpixels: 36
mag_offset: 0.0
rms_pixels: 42

Class Ia: 4
Class Ib: 0
Class II: 0
Class III: 0
Class IV: 96
Class V: 0
Class VI: 0
Class VII: 0
Class VIII: 0

A_cor Max: 42.42





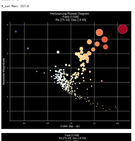


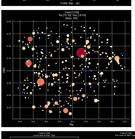
Field 11300:
Ra [20.0] Dec [-8.0]

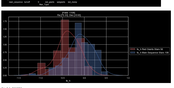
Stars: 488
mean_separation: 188
sigma: 0.0
subpixels: 36
mag_offset: 0.0
rms_pixels: 54

Class Ia: 4
Class Ib: 0
Class II: 0
Class III: 0
Class IV: 146
Class V: 0
Class VI: 0
Class VII: 0
Class VIII: 0

A_cor Max: 207.4





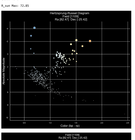


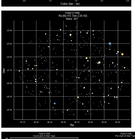
Field 11400:
Ra [20.0] Dec [-25.0]

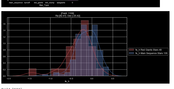
Stars: 207
mean_separation: 105
sigma: 0.0
subpixels: 27
mag_offset: 0.0
rms_pixels: 48

Class Ia: 4
Class Ib: 0
Class II: 0
Class III: 0
Class IV: 133
Class V: 0
Class VI: 0
Class VII: 0
Class VIII: 0

A_cor Max: 55.85





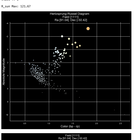


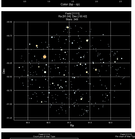
Field 11511:
Ra [20.0] Dec [-38.0]

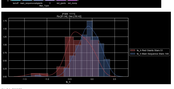
Stars: 207
mean_separation: 105
sigma: 0.0
subpixels: 36
mag_offset: 0.0
rms_pixels: 51

Class Ia: 4
Class Ib: 0
Class II: 0
Class III: 0
Class IV: 149
Class V: 0
Class VI: 0
Class VII: 0
Class VIII: 0

A_cor Max: 171.47





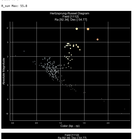


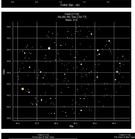
Field 11517:
Ra [20.0] Dec [-54.5]

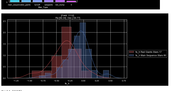
Stars: 207
mean_separation: 85
sigma: 0.0
subpixels: 36
mag_offset: 0.0
rms_pixels: 57

Class Ia: 4
Class Ib: 0
Class II: 0
Class III: 0
Class IV: 98
Class V: 0
Class VI: 0
Class VII: 0
Class VIII: 0

A_cor Max: 56.4





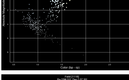


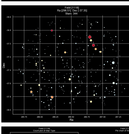
Field 11600:
Ra [20.0] Dec [-15.0]

Stars: 380
mean_separation: 107
sigma: 0.0
subpixels: 36
mag_offset: 0.0
rms_pixels: 54

Class Ia: 4
Class Ib: 0
Class II: 0
Class III: 0
Class IV: 146
Class V: 0
Class VI: 0
Class VII: 0
Class VIII: 0

A_cor Max: 171.86



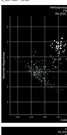


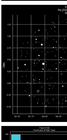
Cross Sections
Cross Section
Cross Section Number
Number of Cross Sections
Cross Section Length
Cross Section Length Distribution
Cross Section Length Distribution
Cross Section Length
Cross Section Length
Cross Section Length

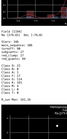
Field 2140
Ra 140.00 Dec 18.500

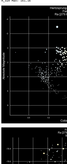
Depth: 300
mean_separation: 259
nsig: 10.00
nobjects: 27
nsig_prob: 0.00
rms_prob: 0.00

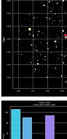
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 118
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
A_ref Max: 76.64

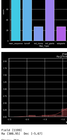


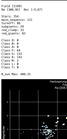


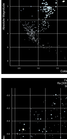


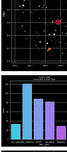


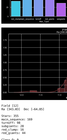


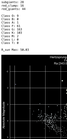


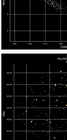


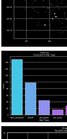


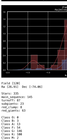


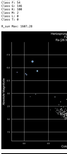


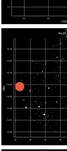


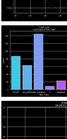


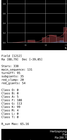












Field 2160
Ra 160.00 Dec 18.500

Depth: 300
mean_separation: 186
nsig: 10.00
nobjects: 27
nsig_prob: 0.00
rms_prob: 0.00

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 118
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
A_ref Max: 101.31

Field 2180
Ra 180.00 Dec 18.500

Depth: 300
mean_separation: 186
nsig: 10.00
nobjects: 27
nsig_prob: 0.00
rms_prob: 0.00

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 118
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
A_ref Max: 101.31

Field 2200
Ra 200.00 Dec 18.500

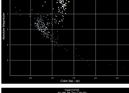
Depth: 300
mean_separation: 186
nsig: 10.00
nobjects: 27
nsig_prob: 0.00
rms_prob: 0.00

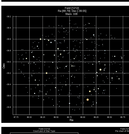
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 118
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
A_ref Max: 101.31

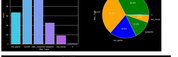
Field 2220
Ra 220.00 Dec 18.500

Depth: 300
mean_separation: 186
nsig: 10.00
nobjects: 27
nsig_prob: 0.00
rms_prob: 0.00

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 118
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
A_ref Max: 101.31




Ra:05:56:13.5
Dec:+00:00:00.0
Rad: 1.0
Ra Dec Total Count
Ra Dec Total Count Log
Ra Dec Total Count Log Log
Ra Dec Total Count Log Log Log
Ra Dec Total Count Log Log Log Log
Ra Dec Total Count Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log Log
Ra Dec Total Count Log

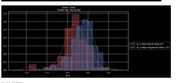


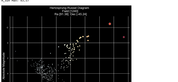
Field 72280
Ra [24.00] Dec [-45.26]

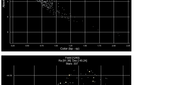
Stars: 207
main_separator: 157
backgr: 114
rejected: 43
red_clump: 70
red_giants: 73

Class #1: 0
Class #2: 0
Class #3: 0
Class #4: 0
Class #5: 16
Class #6: 16
Class #7: 132
Class #8: 142
Class #9: 0
Class #10: 0
Class #11: 0

m_ext Max: 15.57





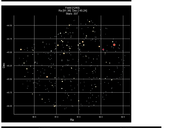


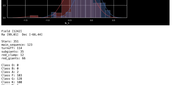
Field 72301
Ra [24.00] Dec [-46.46]

Stars: 401
main_separator: 123
backgr: 278
rejected: 0
red_clump: 0
red_giants: 0

Class #1: 0
Class #2: 0
Class #3: 0
Class #4: 0
Class #5: 0
Class #6: 0
Class #7: 248
Class #8: 248
Class #9: 0
Class #10: 0
Class #11: 0

m_ext Max: 2150.98



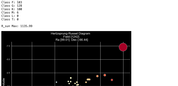


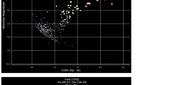
Field 72321
Ra [24.00] Dec [-0.48]

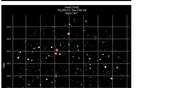
Stars: 341
main_separator: 108
backgr: 233
rejected: 0
red_clump: 0
red_giants: 0

Class #1: 0
Class #2: 0
Class #3: 0
Class #4: 0
Class #5: 0
Class #6: 0
Class #7: 0
Class #8: 0
Class #9: 0
Class #10: 0
Class #11: 0

m_ext Max: 212.57





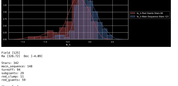


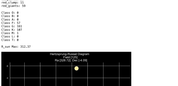
Field 72341
Ra [24.00] Dec [-46.51]

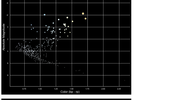
Stars: 390
main_separator: 98
backgr: 292
rejected: 0
red_clump: 0
red_giants: 115

Class #1: 0
Class #2: 0
Class #3: 0
Class #4: 0
Class #5: 0
Class #6: 0
Class #7: 0
Class #8: 0
Class #9: 0
Class #10: 0
Class #11: 0

m_ext Max: 296.55





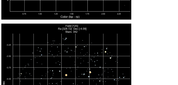


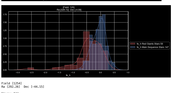
Field 72361
Ra [24.00] Dec [-0.47]

Stars: 320
main_separator: 158
backgr: 162
rejected: 0
red_clump: 0
red_giants: 0

Class #1: 0
Class #2: 0
Class #3: 0
Class #4: 0
Class #5: 0
Class #6: 0
Class #7: 0
Class #8: 0
Class #9: 0
Class #10: 0
Class #11: 0

m_ext Max: 75.42



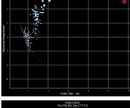


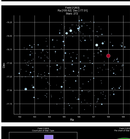
Field 72381
Ra [24.00] Dec [-0.46]

Stars: 361
main_separator: 76
backgr: 285
rejected: 0
red_clump: 0
red_giants: 68

Class #1: 0
Class #2: 0
Class #3: 0
Class #4: 0
Class #5: 0
Class #6: 0
Class #7: 0
Class #8: 0
Class #9: 0
Class #10: 0
Class #11: 0

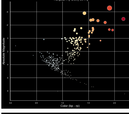
m_ext Max: 178.32

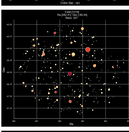




Color Index Count
Color Index
Count
Color Index Distribution
Color Index
Count
Color Index
Count
Color Index
Count

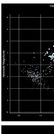
Class Distribution
Class 0
Class 1
Class 2
Class 3
Class 4
Class 5
Class 6
Class 7
Class 8
Class 9
Class 10
Class 11
Class 12
Class 13
Class 14
Class 15
Class 16
Class 17
Class 18
Class 19
Class

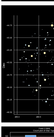




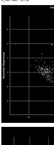
Class Distribution
Class Distribution
Class Distribution

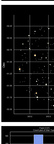
Classification Results
Fraction of Total Events
Classification
Signal
Background
Signal
Background

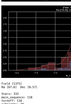




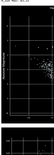
```
Fig.2(b) (Gaia DR3)
Mw (Gaia) Max: 2.01,M2
Stars: 2M
main_sequence: 100
giant: 0
subgiants: 0
dwarfs: 0
red_giants: 0
Class O: 0
Class B: 0
Class A: 0
Class F: 0
Class G: 0
Class K: 118
Class M: 0
Class C: 0
Class S: 0
Class D: 0
Class Unknown: 0
```

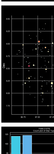


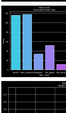


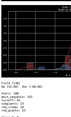



```
Fig.2(b) (Gaia DR3)
Mw (Gaia) Max: 20.57
Stars: 102
main_sequence: 118
giant: 0
subgiants: 0
dwarfs: 0
red_giants: 0
Class O: 0
Class B: 0
Class A: 0
Class F: 0
Class G: 0
Class K: 16
Class M: 86
Class C: 0
Class S: 0
Class D: 0
Class Unknown: 0
```

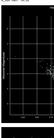


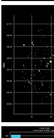


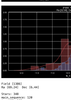




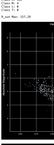

```
Fig.2(b) (Gaia DR3)
Mw (Gaia) Max: 2.00,M2
Stars: 2M
main_sequence: 100
giant: 0
subgiants: 0
dwarfs: 0
red_giants: 0
Class O: 0
Class B: 0
Class A: 0
Class F: 0
Class G: 0
Class K: 118
Class M: 0
Class C: 0
Class S: 0
Class D: 0
Class Unknown: 0
```

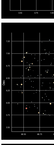




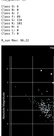



```
Fig.2(b) (Gaia DR3)
Mw (Gaia) Max: 20.21
Stars: 2M
main_sequence: 118
giant: 0
subgiants: 0
dwarfs: 0
red_giants: 0
Class O: 0
Class B: 0
Class A: 0
Class F: 0
Class G: 0
Class K: 118
Class M: 0
Class C: 0
Class S: 0
Class D: 0
Class Unknown: 0
```





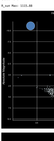
```
Fig.2(b) (Gaia DR3)
Mw (Gaia) Max: 20.21
Stars: 2M
main_sequence: 100
giant: 0
subgiants: 0
dwarfs: 0
red_giants: 0
Class O: 0
Class B: 0
Class A: 0
Class F: 0
Class G: 0
Class K: 118
Class M: 0
Class C: 0
Class S: 0
Class D: 0
Class Unknown: 0
```

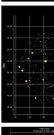


```
Fig.2(b) (Gaia DR3)
Mw (Gaia) Max: 2.00,M2
Stars: 2M
main_sequence: 100
giant: 0
subgiants: 0
dwarfs: 0
red_giants: 0
Class O: 0
Class B: 0
Class A: 0
Class F: 0
Class G: 0
Class K: 118
Class M: 0
Class C: 0
Class S: 0
Class D: 0
Class Unknown: 0
```

Class Count
Class Percentage
Class Name
Class Color
Class Weight
Class 0
Class 1
Class 2
Class 3
Class 4
Class 5
Class 6
Class 7
Class 8
Class 9
Class 10
Class 11
Class 12
Class 13
Class 14
Class 15
Class 16
Class 17
Class 18
Class 19
Class

Class 1: 0
Class 2: 0
n_par Mass: 1110.88

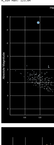


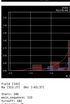


Fold [0/10]
Mr [0/0]: Acc [-0.0]

Shape: [80]
hash_parameter: 1114
hash[0]: 0
hash[1]: 0
real_index: 17
n_par_mass: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
n_par Mass: 1176.96

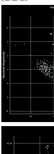


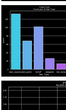


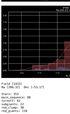
Fold [1/10]
Mr [1/1]: Acc [-0.97]

Shape: [80]
hash_parameter: 1110
hash[0]: 0
hash[1]: 0
real_index: 0
n_par_mass: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0.04
Class 4: 0.04
Class 5: 0.08
Class 6: 0.08
Class 7: 0
Class 8: 0
n_par Mass: 38.0



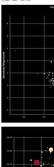


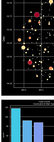


Fold [2/10]
Mr [2/2]: Acc [-0.17]

Shape: [80]
hash_parameter: 1110
hash[0]: 0
hash[1]: 0
real_index: 18
n_par_mass: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0.14
Class 4: 0.14
Class 5: 0.14
Class 6: 0.14
Class 7: 0
Class 8: 0
n_par Mass: 267.20

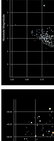


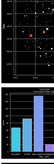


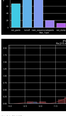
Fold [3/10]
Mr [3/3]: Acc [-0.55]

Shape: [80]
hash_parameter: 1110
hash[0]: 0
hash[1]: 0
real_index: 19
n_par_mass: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0.14
Class 4: 0.14
Class 5: 0.14
Class 6: 0.14
Class 7: 0
Class 8: 0
n_par Mass: 277.20







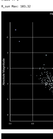
Fold [4/10]
Mr [4/4]: Acc [-0.36]

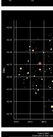
Shape: 236
hash_parameter: 1120
hash[0]: 0
hash[1]: 32
real_index: 0
n_par_mass: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0.08
Class 4: 0.08
Class 5: 0.08
Class 6: 0.08
Class 7: 0
Class 8: 0
n_par Mass: 254.36

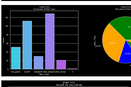
Class Distribution
Class Distribution
Class 0
Class 1
Class 2
Class 3
Class 4
Class 5
Class 6
Class 7
Class 8
Class 9
Class 10
Class 11
Class 12
Class 13
Class 14
Class 15
Class 16
Class 17
Class 18
Class 19
Class

Class 0: 0
Class 1: 100
Class 2: 0
Class 3: 0
Class 4: 0
n_eye Mean: 100.02



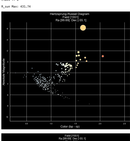


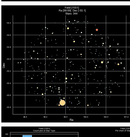
Cumulative Frequency
Class Number
Cumulative Frequency
Class Number
Cumulative Frequency
Class Number


Total Counts
Number of Objects
Class
Class 0
Class 1
Class 2
Class 3
Class 4
Class 5
Class 6
Class 7
Class 8
Class 9
Class 10
Class 11
Class 12
Class 13
Class 14
Class 15
Class 16
Class 17
Class 18
Class 19
Class

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 143
Class 5: 143
Class 6: 143
Class 7: 0
Class 8: 0
Class 9: 0

m_cut Mass: 415.70





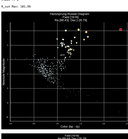
Cosmological Parameter Histogram
Mu(PDF) Sig (PDF)
Mu(PDF) Sig (PDF)
Count Sum = 143
Mu(PDF)
Sig (PDF)
Mu(PDF) Sig (PDF)
Mu(PDF) Sig (PDF)
Mu(PDF)

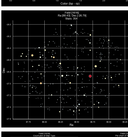
Classification Probabilities
Sample 1000
Number of Galaxies
Classification
Unclassified
Class 0
Class 1
Class 2
Class 3
Class 4
Class 5
Class 6
Class 7
Class 8
Class 9
Class 10
Class 11
Class 12
Class 13
Class 14
Class 15
Class 16
Class 17
Class 18
Class 19
Class 20
Class 21
Class 22
Class 23
Class 24
Class 25
Class 26
Class 27
Class 28
Class 29
Class 30
Class 31
Class 32
Class 33
Class 34
Class 35
Class 36
Class 37
Class 38
Class 39
Class 40
Class 41
Class 42
Class 43
Class 44
Class 45
Class 46
Class 47
Class 48
Class 49
Class 50
Class 51
Class 52
Class 53
Class 54
Class 55
Class 56
Class 57
Class 58
Class 59
Class 60
Class 61
Class 62
Class 63
Class 64
Class 65
Class 66
Class 67
Class 68
Class 69
Class 70
Class 71
Class 72
Class 73
Class 74
Class 75
Class 76
Class 77
Class 78
Class 79
Class 80
Class 81
Class 82
Class 83
Class 84
Class 85
Class 86
Class 87
Class 88
Class 89
Class 90
Class 91
Class 92
Class 93
Class 94
Class 95
Class 96
Class 97
Class 98
Class 99
Class 100
Class 101
Class 102
Class 103
Class 104
Class 105
Class 106
Class 107
Class 108
Class 109
Class 110
Class 111
Class 112
Class 113
Class 114
Class 115
Class 116
Class 117
Class 118
Class 119
Class 120
Class 121
Class 122
Class 123
Class 124
Class 125
Class 126
Class 127
Class 128
Class 129
Class 130
Class 131
Class 132
Class 133
Class 134
Class 135
Class 136
Class 137
Class 138
Class 139
Class 140
Class 141
Class 142
Class 143
Class 144
Class 145
Class 146
Class 147
Class 148
Class 149
Class 150
Class 151
Class 152
Class 153
Class 154
Class 155
Class 156
Class 157
Class 158
Class 159
Class 160
Class 161
Class 162
Class 163
Class 164
Class 165
Class 166
Class 167
Class 168
Class 169
Class 170
Class 171
Class 172
Class 173
Class 174
Class 175
Class 176
Class 177
Class 178
Class 179
Class 180
Class 181
Class 182
Class 183
Class 184
Class 185
Class 186
Class 187
Class 188
Class 189
Class 190
Class 191
Class 192
Class 193
Class 194
Class 195
Class 196
Class 197
Class 198
Class 199
Class 200
Class 201
Class 202
Class 203
Class 204
Class 205
Class 206
Class 207
Class 208
Class 209
Class 210
Class 211
Class 212
Class 213
Class 214
Class 215
Class 216
Class 217
Class 218
Class 219
Class 220
Class 221
Class 222
Class 223
Class 224
Class 225
Class 226
Class 227
Class 228
Class 229
Class 230
Class 231
Class 232
Class 233
Class 234
Class 235
Class 236
Class 237
Class 238
Class 239
Class 240
Class 241
Class 242
Class 243
Class 244
Class 245
Class 246
Class 247
Class 248
Class 249
Class 250
Class 251
Class 252
Class 253
Class 254
Class 255
Class 256
Class 257
Class 258
Class 259
Class 260
Class 261
Class 262
Class 263
Class 264
Class 265
Class 266
Class 267
Class 268
Class 269
Class 270
Class 271
Class 272
Class 273
Class 274
Class 275
Class 276
Class 277
Class 278
Class 279
Class 280
Class 281
Class 282
Class 283
Class 284
Class 285
Class 286
Class 287
Class 288
Class 289
Class 290
Class 291
Class 292
Class 293
Class 294
Class 295
Class 296
Class 297
Class 298
Class 299
Class 300
Class 301
Class 302
Class 303
Class 304
Class 305
Class 306
Class 307
Class 308
Class 309
Class 310
Class 311
Class 312
Class 313
Class 314
Class 315
Class 316
Class 317
Class 318
Class 319
Class 320
Class 321
Class 322
Class 323
Class 324
Class 325
Class 326
Class 327
Class 328
Class 329
Class 330
Class 331
Class 332
Class 333
Class 334
Class 335
Class 336
Class 337
Class 338
Class 339
Class 340
Class 341
Class 342
Class 343
Class 344
Class 345
Class 346
Class 347
Class 348
Class 349
Class 350
Class 351
Class 352
Class 353
Class 354
Class 355
Class 356
Class 357
Class 358
Class 359
Class 360
Class 361
Class 362
Class 363
Class 364
Class 365
Class 366
Class 367
Class 368
Class 369
Class 370
Class 371
Class 372
Class 373
Class 374
Class 375
Class 376
Class 377
Class 378
Class 379
Class 380
Class 381
Class 382
Class 383
Class 384
Class 385
Class 386
Class 387
Class 388
Class 389
Class 390
Class 391
Class 392
Class 393
Class 394
Class 395
Class 396
Class 397
Class 398
Class 399
Class 400
Class 401
Class 402
Class 403
Class 404
Class 405
Class 406
Class 407
Class 408
Class 409
Class 410
Class 411
Class 412
Class 413
Class 414
Class 415
Class 416
Class 417
Class 418
Class 419
Class 420
Class 421
Class 422
Class 423
Class 424
Class 425
Class 426
Class 427
Class 428
Class 429
Class 430
Class 431
Class 432
Class 433
Class 434
Class 435
Class 436
Class 437
Class 438
Class 439
Class 440
Class 441
Class 442
Class 443
Class 444
Class 445
Class 446
Class 447
Class 448
Class 449
Class 450
Class 451
Class 452
Class 453
Class 454
Class 455
Class 456
Class 457
Class 458
Class 459
Class 460
Class 461
Class 462
Class 463
Class 464
Class 465
Class 466
Class 467
Class 468
Class 469
Class 470
Class 471
Class 472
Class 473
Class 474
Class 475
Class 476
Class 477
Class 478
Class 479
Class 480
Class 481
Class 482
Class 483
Class 484
Class 485
Class 486
Class 487
Class 488
Class 489
Class 490
Class 491
Class 492
Class 493
Class 494
Class 495
Class 496
Class 497
Class 498
Class 499
Class 500
Class 501
Class 502
Class 503
Class 504
Class 505
Class 506
Class 507
Class 508
Class 509
Class 510
Class 511
Class 512
Class 513
Class 514
Class 515
Class 516
Class 517
Class 518
Class 519
Class 520
Class 521
Class 522
Class 523
Class 524
Class 525
Class 526
Class 527
Class 528
Class 529
Class 530
Class 531
Class 532
Class 533
Class 534
Class 535
Class 536
Class 537
Class 538
Class 539
Class 540
Class 541
Class 542
Class 543
Class 544
Class 545
Class 546
Class 547
Class 548
Class 549
Class 550
Class 551
Class 552
Class 553
Class 554
Class 555
Class 556
Class 557
Class 558
Class 559
Class 560
Class 561
Class 562
Class 563
Class 564
Class 565
Class 566
Class 567
Class 568
Class 569
Class 570
Class 571
Class 572
Class 573
Class 574
Class 575
Class 576
Class 577
Class 578
Class 579
Class 580
Class 581
Class 582
Class 583
Class 584
Class 585
Class 586
Class 587
Class 588
Class 589
Class 590
Class 591
Class 592
Class 593
Class 594
Class 595
Class 596
Class 597
Class 598
Class 599
Class 600
Class 601
Class 602
Class 603
Class 604
Class 605
Class 606
Class 607
Class 608
Class 609
Class 610
Class 611
Class 612
Class 613
Class 614
Class 615
Class 616
Class 617
Class 618
Class 619
Class 620
Class 621
Class 622
Class 623
Class 624
Class 625
Class 626
Class 627
Class 628
Class 629
Class 630
Class 631
Class 632
Class 633
Class 634
Class 635
Class 636
Class 637
Class 638
Class 639
Class 640
Class 641
Class 642
Class 643
Class 644
Class 645
Class 646
Class 647
Class 648
Class 649
Class 650
Class 651
Class 652
Class 653
Class 654
Class 655
Class 656
Class 657
Class 658
Class 659
Class 660
Class 661
Class 662
Class 663
Class 664
Class 665
Class 666
Class 667
Class 668
Class 669
Class 670
Class 671
Class 672
Class 673
Class 674
Class 675
Class 676
Class 677
Class 678
Class 679
Class 680
Class 681
Class 682
Class 683
Class 684
Class 685
Class 686
Class 687
Class 688
Class 689
Class 690
Class 691
Class 692
Class 693
Class 694
Class 695
Class 696
Class 697
Class 698
Class 699
Class 700
Class 701
Class 702
Class 703
Class 704
Class 705
Class 706
Class 707
Class 708
Class 709
Class 710
Class 711
Class 712
Class 713
Class 714
Class 715
Class 716
Class 717
Class 718
Class 719
Class 720
Class 721
Class 722
Class 723
Class 724
Class 725
Class 726
Class 727
Class 728
Class 729
Class 730
Class 731
Class 732
Class 733
Class 734
Class 735
Class 736
Class 737
Class 738
Class 739
Class 740
Class 741
Class 742
Class 743
Class 744
Class 745
Class 746
Class 747
Class 748
Class 749
Class 750
Class 751
Class 752
Class 753
Class 754
Class 755
Class 756
Class 757
Class 758
Class 759
Class 760
Class 761
Class 762
Class 763
Class 764
Class 765
Class 766
Class 767
Class 768
Class 769
Class 770
Class 771
Class 772
Class 773
Class 774
Class 775
Class 776
Class 777
Class 778
Class 779
Class 780
Class 781
Class 782
Class 783
Class 784
Class 785
Class 786
Class 787
Class 788
Class 789
Class 790
Class 791
Class 792
Class 793
Class 794
Class 795
Class 796
Class 797
Class 798
Class 799
Class 800
Class 801
Class 802
Class 803
Class 804
Class 805
Class 806
Class 807
Class 808
Class 809
Class 810
Class 811
Class 812
Class 813
Class 814
Class 815
Class 816
Class 817
Class 818
Class 819
Class 820
Class 821
Class 822
Class 823
Class 824
Class 825
Class 826
Class 827
Class 828
Class 829
Class 830
Class 831
Class 832
Class 833
Class 834
Class 835
Class 836
Class 837
Class 838
Class 839
Class 840
Class 841
Class 842
Class 843
Class 844
Class 845
Class 846
Class 847
Class 848
Class 849
Class 850
Class 851
Class 852
Class 853
Class 854
Class 855
Class 856
Class 857
Class 858
Class 859
Class 860
Class 861
Class 862
Class 863
Class 864
Class 865
Class 866
Class 867
Class 868
Class 869
Class 870
Class 871
Class 872
Class 873
Class 874
Class 875
Class 876
Class 877
Class 878
Class 879
Class 880
Class 881
Class 882
Class 883
Class 884
Class 885
Class 886
Class 887
Class 888
Class 889
Class 890
Class 891
Class 892
Class 893
Class 894
Class 895
Class 896
Class 897
Class 898
Class 899
Class 900
Class 901
Class 902
Class 903
Class 904
Class 905
Class 906
Class 907
Class 908
Class 909
Class 910
Class 911
Class 912
Class 913
Class 914
Class 915
Class 916
Class 917
Class 918
Class 919
Class 920
Class 921
Class 922
Class 923
Class 924
Class 925
Class 926
Class 927
Class 928
Class 929
Class 930
Class 931
Class 932
Class 933
Class 934
Class 935
Class 936
Class 937
Class 938
Class 939
Class 940
Class 941
Class 942
Class 943
Class 944
Class 945
Class 946
Class 947
Class 948
Class 949
Class 950
Class 951
Class 952
Class 953
Class 954
Class 955
Class 956
Class 957
Class 958
Class 959
Class 960
Class 961
Class 962
Class 963
Class 964
Class 965
Class 966
Class 967
Class 968
Class 969
Class 970
Class 971
Class 972
Class 973
Class 974
Class 975
Class 976
Class 977
Class 978
Class 979
Class 980
Class 981
Class 982
Class 983
Class 984
Class 985
Class 986
Class 987
Class 988
Class 989
Class 990
Class 991
Class 992
Class 993
Class 994
Class 995
Class 996
Class 997
Class 998
Class 999
Class 1000
Number of Galaxies
Classification
Unclassified
Class 0
Class 1
Class 2
Class 3
Class 4
Class 5
Class 6
Class 7
Class 8
Class 9
Class 10
Class 11
Class 12
Class 13
Class 14
Class 15
Class 16
Class 17
Class 18
Class 19
Class 20
Class 21
Class 22
Class 23
Class 24
Class 25
Class 26
Class 27
Class 28
Class 29
Class 30
Class 31
Class 32
Class 33
Class 34
Class 35
Class 36
Class 37
Class 38
Class 39
Class 40
Class 41
Class 42
Class 43
Class 44
Class 45
Class 46
Class 47
Class 48
Class 49
Class 50
Class 51
Class 52
Class 53
Class 54
Class 55
Class 56
Class 57
Class 58
Class 59
Class 60
Class 61
Class 62
Class 63
Class 64
Class 65
Class 66
Class 67
Class 68
Class 69
Class 70
Class 71
Class 72
Class 73
Class 74
Class 75
Class 76
Class 77
Class 78
Class 79
Class 80
Class 81
Class 82
Class 83
Class 84
Class 85
Class 86
Class 87
Class 88
Class 89
Class 90
Class 91
Class 92
Class 93
Class 94
Class 95
Class 96
Class 97
Class 98
Class 99
Class 100
Class 101
Class 102
Class 103
Class 104
Class 105
Class 106
Class 107
Class 108
Class 109
Class 110
Class 111
Class 112
Class 113
Class 114
Class 115
Class 116
Class 117
Class 118
Class 119
Class 120
Class 121
Class 122
Class 123
Class 124
Class 125
Class 126
Class 127
Class 128
Class 129
Class 130
Class 131
Class 132
Class 133
Class 134
Class 135
Class 136
Class 137
Class 138
Class 139
Class 140
Class 141
Class 142
Class 143
Class 144
Class 145
Class 146
Class 147
Class 148
Class 149
Class 150
Class 151
Class 152
Class 153
Class 154
Class 155
Class 156
Class 157
Class 158
Class 159
Class 160
Class 161
Class 162
Class 163
Class 164
Class 165
Class 166
Class 167
Class 168
Class 169
Class 170
Class 171
Class 172
Class 173
Class 174
Class 175
Class 176
Class 177
Class 178
Class 179
Class 180
Class 181
Class 182
Class 183
Class 184
Class 185
Class 186
Class 187
Class 188
Class 189
Class 190
Class 191
Class 192
Class 193
Class 194
Class 195
Class 196
Class 197
Class 198
Class 199
Class 200
Class 201
Class 202
Class 203
Class 204
Class 205
Class 206
Class 207
Class 208
Class 209
Class 210
Class 211
Class 212
Class 213
Class 214
Class 215
Class 216
Class 217
Class 218
Class 219
Class 220
Class 221
Class 222
Class 223
Class 224
Class 225
Class 226
Class 227
Class 228
Class 229
Class 230
Class 231
Class 232
Class 233
Class 234
Class 235
Class 236
Class 237
Class 238
Class 239
Class 240
Class 241
Class 242
Class 243
Class 244
Class 245
Class 246
Class 247
Class 248
Class 249
Class 250
Class 251
Class 252
Class 253
Class 254
Class 255
Class 256
Class 257
Class 258
Class 259
Class 260
Class 261
Class 262
Class 263
Class 264
Class 265
Class 266
Class 267
Class 268
Class 269
Class 270
Class 271
Class 272
Class 273
Class 274
Class 275
Class 276
Class 277
Class 278
Class 279
Class 280
Class 281
Class 282
Class 283
Class 284
Class 285
Class 286
Class 287
Class 288
Class 289
Class 290
Class 291
Class 292
Class 293
Class 294
Class 295
Class 296
Class 297
Class 298
Class 299
Class 300
Class 301
Class 302
Class 303
Class 304
Class 305
Class 306
Class 307
Class 308
Class 309
Class 310
Class 311
Class 312
Class 313
Class 314
Class 315
Class 316
Class 317
Class 318
Class 319
Class 320
Class 321
Class 322
Class 323
Class 324
Class 325
Class 326
Class 327
Class 328
Class 329
Class 330
Class 331
Class 332
Class 333
Class 334
Class 335
Class 336
Class 337
Class 338
Class 339
Class 340
Class 341
Class 342
Class 343
Class 344
Class 345
Class 346
Class 347
Class 348
Class 349
Class 350
Class 351
Class 352
Class 353
Class 354
Class 355
Class 356
Class 357
Class 358
Class 359
Class 360
Class 361
Class 362
Class 363
Class 364
Class 365
Class 366
Class 367
Class 368
Class 369
Class 370
Class 371
Class 372
Class 373
Class 374
Class 375
Class 376
Class 377
Class 378
Class 379
Class 380
Class 381
Class 382
Class 383
Class 384
Class 385
Class 386
Class 387
Class 388
Class 389
Class 390
Class 391
Class 392
Class 393
Class 394
Class 395
Class 396
Class 397
Class 398
Class 399
Class 400
Class 401
Class 402
Class 403
Class 404
Class 405
Class 406
Class 407
Class 408
Class 409
Class 410
Class 411
Class 412
Class 413
Class 414
Class 415
Class 416
Class 417
Class 418
Class 419
Class 420
Class 421
Class 422
Class 423
Class 424
Class 425
Class 426
Class 427
Class 428
Class 429
Class 430
Class 431
Class 432
Class 433
Class 434
Class 435
Class 436
Class 437
Class 438
Class 439
Class 440
Class 441
Class 442
Class 443
Class 444
Class 445
Class 446
Class 447
Class 448
Class 449
Class 450
Class 451
Class 452
Class 453
Class 454
Class 455
Class 456
Class 457
Class 458
Class 459
Class 460
Class 461
Class 462
Class 463
Class 464
Class 465
Class 466
Class 467
Class 468
Class 469
Class 470
Class 471
Class 472
Class 473
Class 474
Class 475
Class 476
Class 477
Class 478
Class 479
Class 480
Class 481
Class 482
Class 483
Class 484
Class 485
Class 486
Class 487
Class 488
Class 489
Class 490
Class 491
Class 492
Class 493
Class 494
Class 495
Class 496
Class 497
Class 498
Class 499
Class 500
Class 501
Class 502
Class 503
Class 504
Class 505
Class 506
Class 507
Class 508
Class 509
Class 510
Class 511
Class 512
Class 513
Class 514
Class 515
Class 516
Class 517
Class 518
Class 519
Class 520
Class 521
Class 522
Class 523
Class 524
Class 525
Class 526
Class 527
Class 528
Class 529
Class 530
Class 531
Class 532
Class 533
Class 534
Class 535
Class 536
Class 537
Class 538
Class 539
Class 540
Class 541
Class 542
Class 543
Class 544
Class 545
Class 546
Class 547
Class 548
Class 549
Class 550
Class 551
Class 552
Class 553
Class 554
Class 555
Class 556
Class 557
Class 558
Class 559
Class 560
Class 561
Class 562
Class 563
Class 564
Class 565
Class 566
Class 567
Class 568
Class 569
Class 570
Class 571
Class 572
Class 573
Class 574
Class 575
Class 576
Class 577
Class 578
Class 579
Class 580
Class 581
Class 582
Class 583
Class 584
Class 585
Class 586
Class 587
Class 588
Class 589
Class 590
Class 591
Class 592
Class 593
Class 594
Class 595
Class 596
Class 597
Class 598
Class 599
Class 600
Class 601
Class 602
Class 603
Class 604
Class 605
Class 606
Class 607
Class 608
Class 609
Class 610
Class 611
Class 612
Class 613
Class 614
Class 615
Class 616
Class 617
Class 618
Class 619
Class 620
Class 621
Class 622
Class 623
Class 624
Class 625
Class 626
Class 627
Class 628
Class 629
Class 630
Class 631
Class 632
Class 633
Class 634
Class 635
Class 636
Class 637
Class 638
Class 639
Class 640
Class 641
Class 642
Class 643
Class 644
Class 645
Class 646
Class 647
Class 648
Class 649
Class 650
Class 651
Class 652
Class 653
Class 654
Class 655
Class 656
Class 657
Class 658
Class 659
Class 660
Class 661
Class 662
Class 663
Class 664
Class 665
Class 666
Class 667
Class 668
Class 669
Class 670
Class 671
Class 672
Class 673
Class 674
Class 675
Class 676
Class 677
Class 678
Class 679
Class 680
Class 681
Class 682
Class 683
Class 684
Class 685
Class 686
Class 687
Class 688
Class 689
Class 690
Class 691
Class 692
Class 693
Class 694
Class 695
Class 696
Class 697
Class 698
Class 699
Class 700
Class 701
Class 702
Class 703
Class 704
Class 705
Class 706
Class 707
Class 708
Class 709
Class 710
Class 711
Class 712
Class 713
Class 714
Class 715
Class 716
Class 717
Class 718
Class 719
Class 720
Class 721
Class 722
Class 723
Class 724
Class 725
Class 726
Class 727
Class 728
Class 729
Class 730
Class 731
Class 732
Class 733
Class 734
Class 735
Class 736
Class 737
Class 738
Class 739
Class 740
Class 741
Class 742
Class 743
Class 744
Class 745
Class 746
Class 747
Class 748
Class 749
Class 750
Class 751
Class 752
Class 753
Class 754
Class 755
Class 756
Class 757
Class 758
Class 759
Class 760
Class 761
Class 762
Class 763
Class 764
Class 765
Class 766
Class 767
Class 768
Class 769
Class 770
Class 771
Class 772
Class 773
Class 774
Class 775
Class 776
Class 777
Class 778
Class 779
Class 780
Class 781
Class 782
Class 783
Class 784
Class 785
Class 786
Class 787
Class 788
Class 789
Class 790
Class 791
Class 792
Class 793
Class 794
Class 795
Class 796
Class 797
Class 798
Class 799
Class 800
Class 801
Class 802
Class 803
Class 804
Class 805
Class 806
Class 807
Class 808
Class 809
Class 810
Class 811
Class 812
Class 813
Class 814
Class 815
Class 816
Class 817
Class 818
Class 819
Class 820
Class 821
Class 822
Class 823
Class 824
Class 825
Class 826
Class 827
Class 828
Class 829
Class 830
Class 831
Class 832
Class 833
Class 834
Class 835
Class 836
Class 837
Class 838
Class 839
Class 840
Class 841
Class 842
Class 843
Class 844
Class 845
Class 846
Class 847
Class 848
Class 849
Class 850
Class 851
Class 852
Class 853
Class 854
Class 855
Class 856
Class 857
Class 858
Class 859
Class 860
Class 861
Class 862
Class 863
Class 864
Class 865
Class 866
Class 867
Class 868
Class 869
Class 870
Class 871
Class 872
Class 873
Class 874
Class 875
Class 876
Class 877
Class 878
Class 879
Class 880
Class 881
Class 882
Class 883
Class 884
Class 885
Class 886
Class 887
Class 888
Class 889
Class 890
Class 891
Class 892
Class 893
Class 894
Class 895
Class 896
Class 897
Class 898
Class 899
Class 900
Class 901
Class 902
Class 903
Class 904
Class 905
Class 906
Class 907
Class 908
Class 909
Class 910
Class 911
Class 912
Class 913
Class 914
Class 915
Class 916
Class 917
Class 918
Class 919
Class 920
Class 921
Class 922
Class 923
Class 924
Class 925
Class 926
Class 927
Class 928
Class 929
Class 930
Class 931
Class 932
Class 933
Class 934
Class 935
Class 936
Class 937
Class 938
Class 939
Class 940
Class 941
Class 942
Class 943
Class 944
Class 945
Class 946
Class 947
Class 948
Class 949
Class 950
Class 951
Class 952
Class 953
Class 954
Class 955
Class 956
Class 957
Class 958
Class 959
Class 960
Class 961
Class 962
Class 963
Class 964
Class 965
Class 966
Class 967
Class 968
Class 969
Class 970
Class 971
Class 972
Class 973
Class 974
Class 975
Class 976
Class 977
Class 978
Class 979
Class 980
Class 981
Class 982
Class 983
Class 984
Class 985
Class 986
Class 987
Class 988
Class 989
Class 990
Class 991
Class 992
Class 993
Class 994
Class 995
Class 996
Class 997
Class 998
Class 999
Class 1000

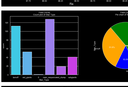
subgeometry: 21
mag_parameter: 152
red_parameter: 51

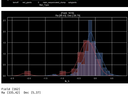
Class Ia: 0
Class Ib: 0
Class Ic: 0
Class II: 0
Class IIn: 0
Class Ibc: 100
Class IIb: 0
Class III: 0
Class IV: 0

n_use Max: 200.00





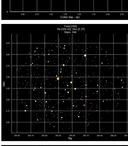


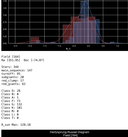


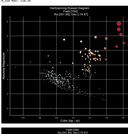
Field [001]
Ra [185.0] Dec [5.07]
Sturz: 200
Sturz_sigmaerr: 152
mag_sigma: 0
subgeometry: 21
mag_parameter: 52
red_parameter: 50

Class Ia: 0
Class Ib: 0
Class Ic: 0
Class II: 0
Class IIn: 0
Class Ibc: 128
Class IIb: 0
Class III: 0
Class IV: 0

n_use Max: 91.00



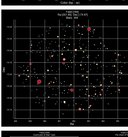


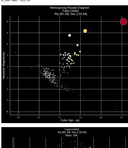


Field [002]
Ra [151.05] Dec [-14.07]
Sturz: 200
Sturz_sigmaerr: 147
mag_sigma: 0
subgeometry: 21
mag_parameter: 50
red_parameter: 52

Class Ia: 28
Class Ib: 0
Class Ic: 0
Class II: 0
Class IIn: 132
Class Ibc: 0
Class IIb: 0
Class III: 0
Class IV: 0

n_use Max: 160.00

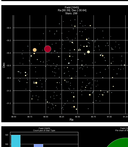


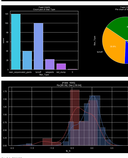


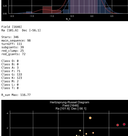
Field [003]
Ra [186.0] Dec [-38.66]
Sturz: 200
Sturz_sigmaerr: 139
mag_sigma: 100
subgeometry: 100
red_parameter: 22
mag_parameter: 21

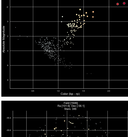
Class Ia: 0
Class Ib: 0
Class Ic: 0
Class II: 0
Class IIn: 0
Class Ibc: 0
Class IIb: 0
Class III: 0
Class IV: 0

n_use Max: 415.00





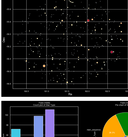


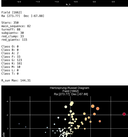


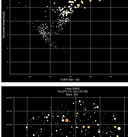
Field [004]
Ra [140.07] Dec [-06.1]
Sturz: 200
Sturz_sigmaerr: 100
mag_sigma: 153
subgeometry: 21
red_parameter: 0
mag_parameter: 0

Class Ia: 0
Class Ib: 0
Class Ic: 0
Class II: 0
Class IIn: 0
Class Ibc: 13
Class IIb: 0
Class III: 0
Class IV: 0

n_use Max: 26.00



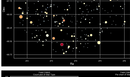




Field [005]
Ra [215.7] Dec [-07.06]
Sturz: 200
Sturz_sigmaerr: 80
mag_sigma: 0
subgeometry: 21
red_parameter: 21
mag_parameter: 21

Class Ia: 0
Class Ib: 0
Class Ic: 0
Class II: 0
Class IIn: 0
Class Ibc: 102
Class IIb: 0
Class III: 0
Class IV: 0

n_use Max: 204.25

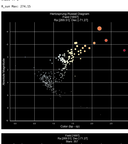


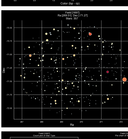
Total Count
Class 0
Class 1
Class 2
Class 3
Class 4
Class 5
Class 6
Class 7
Class 8
Class 9
Class 10
Class 11
Class 12
Class 13
Class 14
Class 15
Class 16
Class 17
Class 18
Class 19
Class

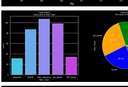
Years: 257
main_sequence: 587
red_giants: 42
subgiants: 31
dwarfs: 26
red_giants: 60

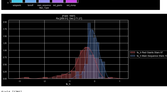
Class O: 0
Class B: 0
Class A: 0
Class F: 0
Class G: 118
Class K: 139
Class M: 0
Class L: 0
Class T: 0
Class Y: 0

K_cut Mass: [74,3]







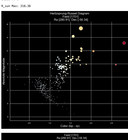


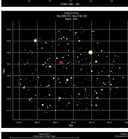
Field [1763]
Ra [1.1] Dec [-2.06,34]

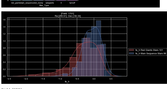
Years: 261
main_sequence: 587
red_giants: 42
subgiants: 31
dwarfs: 26
red_giants: 60

Class O: 0
Class B: 0
Class A: 0
Class F: 0
Class G: 118
Class K: 139
Class M: 0
Class L: 0
Class T: 0
Class Y: 0

K_cut Mass: [74,38]





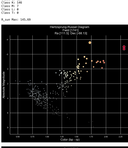


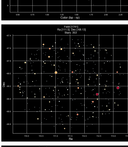
Field [1763]
Ra [1.1] Dec [-2.06,32]

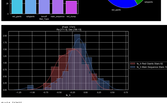
Years: 261
main_sequence: 587
red_giants: 42
subgiants: 31
dwarfs: 26
red_giants: 60

Class O: 0
Class B: 0
Class A: 0
Class F: 0
Class G: 118
Class K: 139
Class M: 0
Class L: 0
Class T: 0
Class Y: 0

K_cut Mass: [65,20]





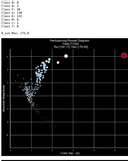


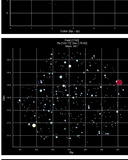
Field [1763]
Ra [1.1] Dec [-1.96,32]

Years: 261
main_sequence: 587
red_giants: 42
subgiants: 31
dwarfs: 26
red_giants: 60

Class O: 0
Class B: 0
Class A: 0
Class F: 0
Class G: 118
Class K: 139
Class M: 0
Class L: 0
Class T: 0
Class Y: 0

K_cut Mass: [65,20]



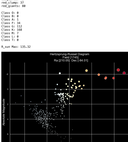


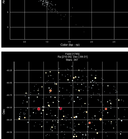
Field [1763]
Ra [1.1] Dec [-1.96,32]

Years: 261
main_sequence: 587
red_giants: 42
subgiants: 31
dwarfs: 26
red_giants: 60

Class O: 0
Class B: 0
Class A: 0
Class F: 0
Class G: 118
Class K: 139
Class M: 0
Class L: 0
Class T: 0
Class Y: 0

K_cut Mass: [75,4



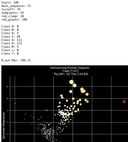


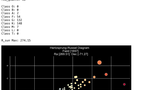
Field [1763]
Ra [1.1] Dec [-1.96,32]

Years: 261
main_sequence: 587
red_giants: 42
subgiants: 31
dwarfs: 26
red_giants: 60

Class O: 0
Class B: 0
Class A: 0
Class F: 0
Class G: 118
Class K: 139
Class M: 0
Class L: 0
Class T: 0
Class Y: 0

K_cut Mass: [75,32]



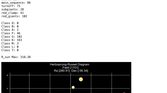


Field [1763]
Ra [1.1] Dec [-1.96,31]

Years: 268
main_sequence: 73
subgiants: 71
dwarfs: 71
red_giants: 60

Class O: 0
Class B: 0
Class A: 0
Class F: 0
Class G: 118
Class K: 139
Class M: 0
Class L: 0
Class T: 0
Class Y: 0

K_cut Mass: [88,7]



Field [1763]
Ra [1.1] Dec [-1.96,30]

Years: 268
main_sequence: 73
subgiants: 71
dwarfs: 71
red_giants: 60

Class O: 0
Class B: 0
Class A: 0
Class F: 0
Class G: 118
Class K: 139
Class M: 0
Class L: 0
Class T: 0
Class Y: 0

K_cut Mass: [88,7]

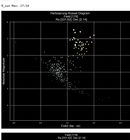
Classification Accuracy Comparison
Classification Distribution Comparison
Ground Truth
Predicted
Class 0
Class 1
Class 2
Class 3
Class 4
Class 5
Class 6
Class 7
Class 8
Class 9
Class 10
Class 11
Class 12
Class 13
Class 14
Class 15
Class 16
Class 17
Class 18
Class 19
Class

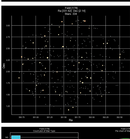
Field 2(R0)
Ra [12:00] Dec [2.5,6]

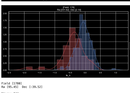
Depth: 200
mean_separation: 105
mag_cutoff: 20
subgroups: 20
mag_offset: 0
red_gradient: 40

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0

N_star Max: 29.5K





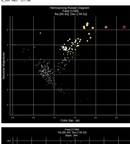


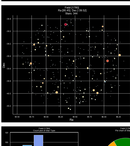
Field 3(R0)
Ra [24:00] Dec [2.5,6]

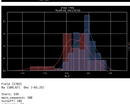
Depth: 200
mean_separation: 105
mag_cutoff: 20
subgroups: 20
mag_offset: 0
red_gradient: 40

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0

N_star Max: 27.8K





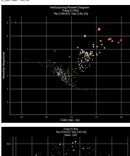


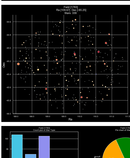
Field 4(R0)
Ra [48:00] Dec [2.5,6]

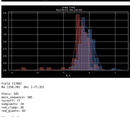
Depth: 200
mean_separation: 105
mag_cutoff: 20
subgroups: 20
mag_offset: 0
red_gradient: 40

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0

N_star Max: 34.5K





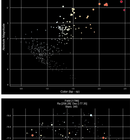


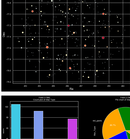
Field 5(R0)
Ra [72:00] Dec [2.5,6]

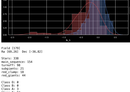
Depth: 200
mean_separation: 105
mag_cutoff: 20
subgroups: 20
mag_offset: 0
red_gradient: 40

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0

N_star Max: 36.9K





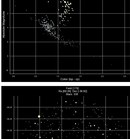


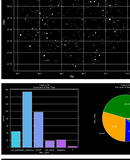
Field 6(R0)
Ra [96:00] Dec [2.5,6]

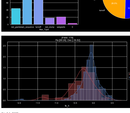
Depth: 200
mean_separation: 105
mag_cutoff: 20
subgroups: 20
mag_offset: 0
red_gradient: 40

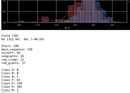
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0

N_star Max: 36.9K









Field 7(R0)
Ra [120:00] Dec [2.5,6]

Depth: 200
mean_separation: 105
mag_cutoff: 20
subgroups: 20
mag_offset: 0
red_gradient: 40

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0

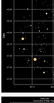
N_star Max: 36.9K

Field 8(R0)
Ra [144:00] Dec [2.5,6]

Depth: 200
mean_separation: 105
mag_cutoff: 20
subgroups: 20
mag_offset: 0
red_gradient: 40

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0

N_star Max: 36.9K



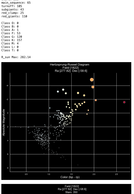
Total Count
Class 0
Class 1
Class 2
Class 3
Class 4
Class 5
Class 6
Class 7
Class 8
Class 9
Class 10
Class 11
Class 12
Class 13
Class 14
Class 15
Class 16
Class 17
Class 18
Class 19
Class

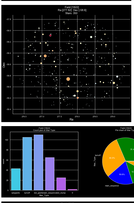
Field 2282C1
Mp [u2,g2] Sun: 1:28.02

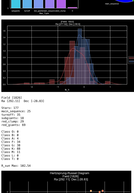
Starts: 258
main_sequence: 65
multiplets: 189
subgiants: 0
red_giants: 0
red_giants: 0

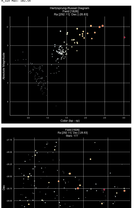
Class A: 0
Class B: 0
Class C: 0
Class D: 11
Class E: 0
Class F: 120
Class G: 0
Class H: 0
Class I: 0

m_sun Max: 200.54







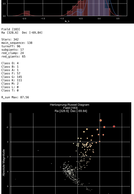


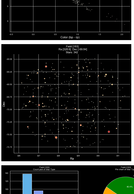
Field 2282C1
Mp [u2,g2] Sun: 1:28.02

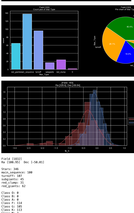
Starts: 258
main_sequence: 75
multiplets: 183
subgiants: 0
red_giants: 0
red_giants: 0

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0

m_sun Max: 200.54





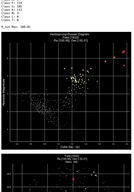


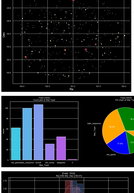
Field 2282C1
Mp [u2,g2] Sun: 1:28.02

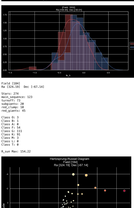
Starts: 262
main_sequence: 138
multiplets: 124
subgiants: 0
red_giants: 0
red_giants: 0

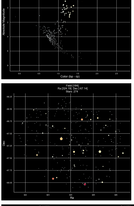
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 120
Class F: 0
Class G: 0
Class H: 0
Class I: 0

m_sun Max: 97.58







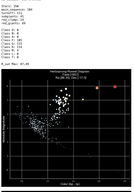


Field 2282C1
Mp [u2,g2] Sun: 1:28.02

Starts: 280
main_sequence: 188
multiplets: 92
subgiants: 0
red_giants: 0
red_giants: 0

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0

m_sun Max: 146.41



Field 2282C1
Mp [u2,g2] Sun: 1:47.02

Starts: 250
main_sequence: 110
multiplets: 140
subgiants: 0
red_giants: 0
red_giants: 0

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 113
Class F: 0
Class G: 0
Class H: 0
Class I: 0

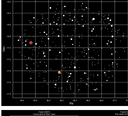
m_sun Max: 154.22

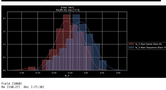
Field 2282C1
Mp [u2,g2] Sun: 1:47.02

Starts: 280
main_sequence: 184
multiplets: 96
subgiants: 0
red_giants: 0
red_giants: 0

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 115
Class F: 0
Class G: 0
Class H: 0
Class I: 0

m_sun Max: 97.44



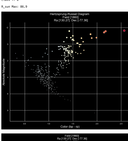


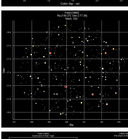
Field 23002
Ra 118.272 Dec 2.171.92

Nbins: 300
Mean_sigmaxsq: 0.0
Mean_sigmaysq: 0.0
Sumpixfrac: 31
Sumpixel: 1.0
rmf_gamma: 0.0

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

N_out Max: 38.0



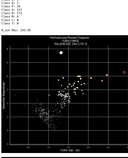


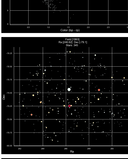
Field 23002
Ra 118.92 Dec 2.79.12

Nbins: 300
Mean_sigmaxsq: 0.
Sumpixfrac: 100
Sumpixel: 1.0
rmf_gamma: 0.0

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

N_out Max: 101.36



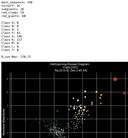


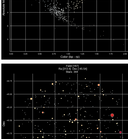
Field 23002
Ra 123.67 Dec 2.45.52

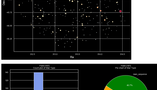
Nbins: 300
Mean_sigmaxsq: 148
Sumpixfrac: 31
Sumpixel: 1.0
rmf_gamma: 0.0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 63
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0

N_out Max: 78.73





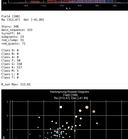


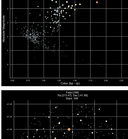
Field 23002
Ra 123.92 Dec 1.45.80

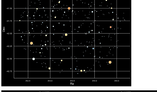
Nbins: 300
Mean_sigmaxsq: 213
Sumpixfrac: 69
Sumpixel: 1.0
rmf_gamma: 0.0

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

N_out Max: 153.82





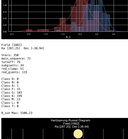


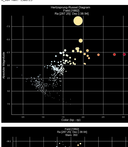
Field 23002
Ra 125.92 Dec 1.50.92

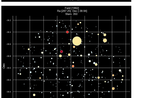
Nbins: 300
Mean_sigmaxsq: 0.0
Sumpixfrac: 31
Sumpixel: 1.0
rmf_gamma: 0.0

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

N_out Max: 206.23



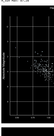


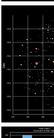


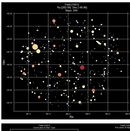
Field [0001]
Mu [1.0e+01, Sec [-79,12]

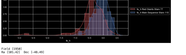
Stars: 236
main_sequence: 68
hot:WD: 168
subgiants: 0
red_giants: 0
red_giants: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 168
Class F: 68
Class G: 0
Class H: 0

m_sun Max: 45.38



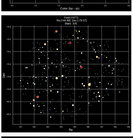


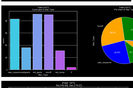

Fu-Lin TSCS Data
Mar 1995 - Dec 2000
Count/Year/Year
Fu-Lin TSCS Data
Fu-Lin TSCS Data
Fu-Lin TSCS Data

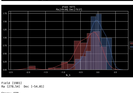


Field 23002
Ra [18:36] Dec [-48,40]

Query: 200
Sample size: 188
Sample: 0.5
sub_sample: 0.5
red_index: 0
red_points: 0
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0
Class 10: 0
Class 11: 0
Class 12: 0
Class 13: 0
Class 14: 0
Class 15: 0
Class 16: 0
Class 17: 0
Class 18: 0
Class 19: 0
Class 20: 0
Class 21: 0
Class 22: 0
Class 23: 0
Class 24: 0
Class 25: 0
Class 26: 0
Class 27: 0
Class 28: 0
Class 29: 0
Class 30: 0
Class 31: 0
Class 32: 0
Class 33: 0
Class 34: 0
Class 35: 0
Class 36: 0
Class 37: 0
Class 38: 0
Class 39: 0
Class 40: 0
Class 41: 0
Class 42: 0
Class 43: 0
Class 44: 0
Class 45: 0
Class 46: 0
Class 47: 0
Class 48: 0
Class 49: 0
Class 50: 0
Class 51: 0
Class 52: 0
Class 53: 0
Class 54: 0
Class 55: 0
Class 56: 0
Class 57: 0
Class 58: 0
Class 59: 0
Class 60: 0
Class 61: 0
Class 62: 0
Class 63: 0
Class 64: 0
Class 65: 0
Class 66: 0
Class 67: 0
Class 68: 0
Class 69: 0
Class 70: 0
Class 71: 0
Class 72: 0
Class 73: 0
Class 74: 0
Class 75: 0
Class 76: 0
Class 77: 0
Class 78: 0
Class 79: 0
Class 80: 0
Class 81: 0
Class 82: 0
Class 83: 0
Class 84: 0
Class 85: 0
Class 86: 0
Class 87: 0
Class 88: 0
Class 89: 0
Class 90: 0
Class 91: 0
Class 92: 0
Class 93: 0
Class 94: 0
Class 95: 0
Class 96: 0
Class 97: 0
Class 98: 0
Class 99: 0
Class 100: 0
Class 101: 0
Class 102: 0
Class 103: 0
Class 104: 0
Class 105: 0
Class 106: 0
Class 107: 0
Class 108: 0
Class 109: 0
Class 110: 0
Class 111: 0
Class 112: 0
Class 113: 0
Class 114: 0
Class 115: 0
Class 116: 0
Class 117: 0
Class 118: 0
Class 119: 0
Class 120: 0
Class 121: 0
Class 122: 0
Class 123: 0
Class 124: 0
Class 125: 0
Class 126: 0
Class 127: 0
Class 128: 0
Class 129: 0
Class 130: 0
Class 131: 0
Class 132: 0
Class 133: 0
Class 134: 0
Class 135: 0
Class 136: 0
Class 137: 0
Class 138: 0
Class 139: 0
Class 140: 0
Class 141: 0
Class 142: 0
Class 143: 0
Class 144: 0
Class 145: 0
Class 146: 0
Class 147: 0
Class 148: 0
Class 149: 0
Class 150: 0
Class 151: 0
Class 152: 0
Class 153: 0
Class 154: 0
Class 155: 0
Class 156: 0
Class 157: 0
Class 158: 0
Class 159: 0
Class 160: 0
Class 161: 0
Class 162: 0
Class 163: 0
Class 164: 0
Class 165: 0
Class 166: 0
Class 167: 0
Class 168: 0
Class 169: 0
Class 170: 0
Class 171: 0
Class 172: 0
Class 173: 0
Class 174: 0
Class 175: 0
Class 176: 0
Class 177: 0
Class 178: 0
Class 179: 0
Class 180: 0
Class 181: 0
Class 182: 0
Class 183: 0
Class 184: 0
Class 185: 0
Class 186: 0
Class 187: 0
Class 188: 0
Class 189: 0
Class 190: 0
Class 191: 0
Class 192: 0
Class 193: 0
Class 194: 0
Class 195: 0
Class 196: 0
Class 197: 0
Class 198: 0
Class 199: 0
Class 200: 0
Class 201: 0
Class 202: 0
Class 203: 0
Class 204: 0
Class 205: 0
Class 206: 0
Class 207: 0
Class 208: 0
Class 209: 0
Class 210: 0
Class 211: 0
Class 212: 0
Class 213: 0
Class 214: 0
Class 215: 0
Class 216: 0
Class 217: 0
Class 218: 0
Class 219: 0
Class 220: 0
Class 221: 0
Class 222: 0
Class 223: 0
Class 224: 0
Class 225: 0
Class 226: 0
Class 227: 0
Class 228: 0
Class 229: 0
Class 230: 0
Class 231: 0
Class 232: 0
Class 233: 0
Class 234: 0
Class 235: 0
Class 236: 0
Class 237: 0
Class 238: 0
Class 239: 0
Class 240: 0
Class 241: 0
Class 242: 0
Class 243: 0
Class 244: 0
Class 245: 0
Class 246: 0
Class 247: 0
Class 248: 0
Class 249: 0
Class 250: 0
Class 251: 0
Class 252: 0
Class 253: 0
Class 254: 0
Class 255: 0
Class 256: 0
Class 257: 0
Class 258: 0
Class 259: 0
Class 260: 0
Class 261: 0
Class 262: 0
Class 263: 0
Class 264: 0
Class 265: 0
Class 266: 0
Class 267: 0
Class 268: 0
Class 269: 0
Class 270: 0
Class 271: 0
Class 272: 0
Class 273: 0
Class 274: 0
Class 275: 0
Class 276: 0
Class 277: 0
Class 278: 0
Class 279: 0
Class 280: 0
Class 281: 0
Class 282: 0
Class 283: 0
Class 284: 0
Class 285: 0
Class 286: 0
Class 287: 0
Class 288: 0
Class 289: 0
Class 290: 0
Class 291: 0
Class 292: 0
Class 293: 0
Class 294: 0
Class 295: 0
Class 296: 0
Class 297: 0
Class 298: 0
Class 299: 0
Class 300: 0
Class 301: 0
Class 302: 0
Class 303: 0
Class 304: 0
Class 305: 0
Class 306: 0
Class 307: 0
Class 308: 0
Class 309: 0
Class 310: 0
Class 311: 0
Class 312: 0
Class 313: 0
Class 314: 0
Class 315: 0
Class 316: 0
Class 317: 0
Class 318: 0
Class 319: 0
Class 320: 0
Class 321: 0
Class 322: 0
Class 323: 0
Class 324: 0
Class 325: 0
Class 326: 0
Class 327: 0
Class 328: 0
Class 329: 0
Class 330: 0
Class 331: 0
Class 332: 0
Class 333: 0
Class 334: 0
Class 335: 0
Class 336: 0
Class 337: 0
Class 338: 0
Class 339: 0
Class 340: 0
Class 341: 0
Class 342: 0
Class 343: 0
Class 344: 0
Class 345: 0
Class 346: 0
Class 347: 0
Class 348: 0
Class 349: 0
Class 350: 0
Class 351: 0
Class 352: 0
Class 353: 0
Class 354: 0
Class 355: 0
Class 356: 0
Class 357: 0
Class 358: 0
Class 359: 0
Class 360: 0
Class 361: 0
Class 362: 0
Class 363: 0
Class 364: 0
Class 365: 0
Class 366: 0
Class 367: 0
Class 368: 0
Class 369: 0
Class 370: 0
Class 371: 0
Class 372: 0
Class 373: 0
Class 374: 0
Class 375: 0
Class 376: 0
Class 377: 0
Class 378: 0
Class 379: 0
Class 380: 0
Class 381: 0
Class 382: 0
Class 383: 0
Class 384: 0
Class 385: 0
Class 386: 0
Class 387: 0
Class 388: 0
Class 389: 0
Class 390: 0
Class 391: 0
Class 392: 0
Class 393: 0
Class 394: 0
Class 395: 0
Class 396: 0
Class 397: 0
Class 398: 0
Class 399: 0
Class 400: 0
Class 401: 0
Class 402: 0
Class 403: 0
Class 404: 0
Class 405: 0
Class 406: 0
Class 407: 0
Class 408: 0
Class 409: 0
Class 410: 0
Class 411: 0
Class 412: 0
Class 413: 0
Class 414: 0
Class 415: 0
Class 416: 0
Class 417: 0
Class 418: 0
Class 419: 0
Class 420: 0
Class 421: 0
Class 422: 0
Class 423: 0
Class 424: 0
Class 425: 0
Class 426: 0
Class 427: 0
Class 428: 0
Class 429: 0
Class 430: 0
Class 431: 0
Class 432: 0
Class 433: 0
Class 434: 0
Class 435: 0
Class 436: 0
Class 437: 0
Class 438: 0
Class 439: 0
Class 440: 0
Class 441: 0
Class 442: 0
Class 443: 0
Class 444: 0
Class 445: 0
Class 446: 0
Class 447: 0
Class 448: 0
Class 449: 0
Class 450: 0
Class 451: 0
Class 452: 0
Class 453: 0
Class 454: 0
Class 455: 0
Class 456: 0
Class 457: 0
Class 458: 0
Class 459: 0
Class 460: 0
Class 461: 0
Class 462: 0
Class 463: 0
Class 464: 0
Class 465: 0
Class 466: 0
Class 467: 0
Class 468: 0
Class 469: 0
Class 470: 0
Class 471: 0
Class 472: 0
Class 473: 0
Class 474: 0
Class 475: 0
Class 476: 0
Class 477: 0
Class 478: 0
Class 479: 0
Class 480: 0
Class 481: 0
Class 482: 0
Class 483: 0
Class 484: 0
Class 485: 0
Class 486: 0
Class 487: 0
Class 488: 0
Class 489: 0
Class 490: 0
Class 491: 0
Class 492: 0
Class 493: 0
Class 494: 0
Class 495: 0
Class 496: 0
Class 497: 0
Class 498: 0
Class 499: 0
Class 500: 0
Class 501: 0
Class 502: 0
Class 503: 0
Class 504: 0
Class 505: 0
Class 506: 0
Class 507: 0
Class 508: 0
Class 509: 0
Class 510: 0
Class 511: 0
Class 512: 0
Class 513: 0
Class 514: 0
Class 515: 0
Class 516: 0
Class 517: 0
Class 518: 0
Class 519: 0
Class 520: 0
Class 521: 0
Class 522: 0
Class 523: 0
Class 524: 0
Class 525: 0
Class 526: 0
Class 527: 0
Class 528: 0
Class 529: 0
Class 530: 0
Class 531: 0
Class 532: 0
Class 533: 0
Class 534: 0
Class 535: 0
Class 536: 0
Class 537: 0
Class 538: 0
Class 539: 0
Class 540: 0
Class 541: 0
Class 542: 0
Class 543: 0
Class 544: 0
Class 545: 0
Class 546: 0
Class 547: 0
Class 548: 0
Class 549: 0
Class 550: 0
Class 551: 0
Class 552: 0
Class 553: 0
Class 554: 0
Class 555: 0
Class 556: 0
Class 557: 0
Class 558: 0
Class 559: 0
Class 560: 0
Class 561: 0
Class 562: 0
Class 563: 0
Class 564: 0
Class 565: 0
Class 566: 0
Class 567: 0
Class 568: 0
Class 569: 0
Class 570: 0
Class 571: 0
Class 572: 0
Class 573: 0
Class 574: 0
Class 575: 0
Class 576: 0
Class 577: 0
Class 578: 0
Class 579: 0
Class 580: 0
Class 581: 0
Class 582: 0
Class 583: 0
Class 584: 0
Class 585: 0
Class 586: 0
Class 587: 0
Class 588: 0
Class 589: 0
Class 590: 0
Class 591: 0
Class 592: 0
Class 593: 0
Class 594: 0
Class 595: 0
Class 596: 0
Class 597: 0
Class 598: 0
Class 599: 0
Class 600: 0
Class 601: 0
Class 602: 0
Class 603: 0
Class 604: 0
Class 605: 0
Class 606: 0
Class 607: 0
Class 608: 0
Class 609: 0
Class 610: 0
Class 611: 0
Class 612: 0
Class 613: 0
Class 614: 0
Class 615: 0
Class 616: 0
Class 617: 0
Class 618: 0
Class 619: 0
Class 620: 0
Class 621: 0
Class 622: 0
Class 623: 0
Class 624: 0
Class 625: 0
Class 626: 0
Class 627: 0
Class 628: 0
Class 629: 0
Class 630: 0
Class 631: 0
Class 632: 0
Class 633: 0
Class 634: 0
Class 635: 0
Class 636: 0
Class 637: 0
Class 638: 0
Class 639: 0
Class 640: 0
Class 641: 0
Class 642: 0
Class 643: 0
Class 644: 0
Class 645: 0
Class 646: 0
Class 647: 0
Class 648: 0
Class 649: 0
Class 650: 0
Class 651: 0
Class 652: 0
Class 653: 0
Class 654: 0
Class 655: 0
Class 656: 0
Class 657: 0
Class 658: 0
Class 659: 0
Class 660: 0
Class 661: 0
Class 662: 0
Class 663: 0
Class 664: 0
Class 665: 0
Class 666: 0
Class 667: 0
Class 668: 0
Class 669: 0
Class 670: 0
Class 671: 0
Class 672: 0
Class 673: 0
Class 674: 0
Class 675: 0
Class 676: 0
Class 677: 0
Class 678: 0
Class 679: 0
Class 680: 0
Class 681: 0
Class 682: 0
Class 683: 0
Class 684: 0
Class 685: 0
Class 686: 0
Class 687: 0
Class 688: 0
Class 689: 0
Class 690: 0
Class 691: 0
Class 692: 0
Class 693: 0
Class 694: 0
Class 695: 0
Class 696: 0
Class 697: 0
Class 698: 0
Class 699: 0
Class 700: 0
Class 701: 0
Class 702: 0
Class 703: 0
Class 704: 0
Class 705: 0
Class 706: 0
Class 707: 0
Class 708: 0
Class 709: 0
Class 710: 0
Class 711: 0
Class 712: 0
Class 713: 0
Class 714: 0
Class 715: 0
Class 716: 0
Class 717: 0
Class 718: 0
Class 719: 0
Class 720: 0
Class 721: 0
Class 722: 0
Class 723: 0
Class 724: 0
Class 725: 0
Class 726: 0
Class 727: 0
Class 728: 0
Class 729: 0
Class 730: 0
Class 731: 0
Class 732: 0
Class 733: 0
Class 734: 0
Class 735: 0
Class 736: 0
Class 737: 0
Class 738: 0
Class 739: 0
Class 740: 0
Class 741: 0
Class 742: 0
Class 743: 0
Class 744: 0
Class 745: 0
Class 746: 0
Class 747: 0
Class 748: 0
Class 749: 0
Class 750: 0
Class 751: 0
Class 752: 0
Class 753: 0
Class 754: 0
Class 755: 0
Class 756: 0
Class 757: 0
Class 758: 0
Class 759: 0
Class 760: 0
Class 761: 0
Class 762: 0
Class 763: 0
Class 764: 0
Class 765: 0
Class 766: 0
Class 767: 0
Class 768: 0
Class 769: 0
Class 770: 0
Class 771: 0
Class 772: 0
Class 773: 0
Class 774: 0
Class 775: 0
Class 776: 0
Class 777: 0
Class 778: 0
Class 779: 0
Class 780: 0
Class 781: 0
Class 782: 0
Class 783: 0
Class 784: 0
Class 785: 0
Class 786: 0
Class 787: 0
Class 788: 0
Class 789: 0
Class 790: 0
Class 791: 0
Class 792: 0
Class 793: 0
Class 794: 0
Class 795: 0
Class 796: 0
Class 797: 0
Class 798: 0
Class 799: 0
Class 800: 0
Class 801: 0
Class 802: 0
Class 803: 0
Class 804: 0
Class 805: 0
Class 806: 0
Class 807: 0
Class 808: 0
Class 809: 0
Class 810: 0
Class 811: 0
Class 812: 0
Class 813: 0
Class 814: 0
Class 815: 0
Class 816: 0
Class 817: 0
Class 818: 0
Class 819: 0
Class 820: 0
Class 821: 0
Class 822: 0
Class 823: 0
Class 824: 0
Class 825: 0
Class 826: 0
Class 827: 0
Class 828: 0
Class 829: 0
Class 830: 0
Class 831: 0
Class 832: 0
Class 833: 0
Class 834: 0
Class 835: 0
Class 836: 0
Class 837: 0
Class 838: 0
Class 839: 0
Class 840: 0
Class 841: 0
Class 842: 0
Class 843: 0
Class 844: 0
Class 845: 0
Class 846: 0
Class 847: 0
Class 848: 0
Class 849: 0
Class 850: 0
Class 851: 0
Class 852: 0
Class 853: 0
Class 854: 0
Class 855: 0
Class 856: 0
Class 857: 0
Class 858: 0
Class 859: 0
Class 860: 0
Class 861: 0
Class 862: 0
Class 863: 0
Class 864: 0
Class 865: 0
Class 866: 0
Class 867: 0
Class 868: 0
Class 869: 0
Class 870: 0
Class 871: 0
Class 872: 0
Class 873: 0
Class 874: 0
Class 875: 0
Class 876: 0
Class 877: 0
Class 878: 0
Class 879: 0
Class 880: 0
Class 881: 0
Class 882: 0
Class 883: 0
Class 884: 0
Class 885: 0
Class 886: 0
Class 887: 0
Class 888: 0
Class 889: 0
Class 890: 0
Class 891: 0
Class 892: 0
Class 893: 0
Class 894: 0
Class 895: 0
Class 896: 0
Class 897: 0
Class 898: 0
Class 899: 0
Class 900: 0
Class 901: 0
Class 902: 0
Class 903: 0
Class 904: 0
Class 905: 0
Class 906: 0
Class 907: 0
Class 908: 0
Class 909: 0
Class 910: 0
Class 911: 0
Class 912: 0
Class 913: 0
Class 914: 0
Class 915: 0
Class 916: 0
Class 917: 0
Class 918: 0
Class 919: 0
Class 920: 0
Class 921: 0
Class 922: 0
Class 923: 0
Class 924: 0
Class 925: 0
Class 926: 0
Class 927: 0
Class 928: 0
Class 929: 0
Class 930: 0
Class 931: 0
Class 932: 0
Class 933: 0
Class 934: 0
Class 935: 0
Class 936: 0
Class 937: 0
Class 938: 0
Class 939: 0
Class 940: 0
Class 941: 0
Class 942: 0
Class 943: 0
Class 944: 0
Class 945: 0
Class 946: 0
Class 947: 0
Class 948: 0
Class 949: 0
Class 950: 0
Class 951: 0
Class 952: 0
Class 953: 0
Class 954: 0
Class 955: 0
Class 956: 0
Class 957: 0
Class 958: 0
Class 959: 0
Class 960: 0
Class 961: 0
Class 962: 0
Class 963: 0
Class 964: 0
Class 965: 0
Class 966: 0
Class 967: 0
Class 968: 0
Class 969: 0
Class 970: 0
Class 971: 0
Class 972: 0
Class 973: 0
Class 974: 0
Class 975: 0
Class 976: 0
Class 977: 0
Class 978: 0
Class 979: 0
Class 980: 0
Class 981: 0
Class 982: 0
Class 983: 0
Class 984: 0
Class 985: 0
Class 986: 0
Class 987: 0
Class 988: 0
Class 989: 0
Class 990: 0
Class 991: 0
Class 992: 0
Class 993: 0
Class 994: 0
Class 995: 0
Class 996: 0
Class 997: 0
Class 998: 0
Class 999: 0
Class 1000: 0





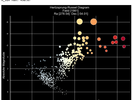


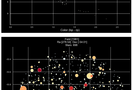
Field [1001]
Mp [4.0] Mm [-2.0,0.0]

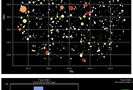
Stars: 3080
Main_sequence: 445
Giants: 1000
Subgiants: 70
Dwarfs: 1565
red_giants: 220

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 100
Class 5: 1000
Class 6: 1000
Class 7: 0
Class 8: 0
Class 9: 0

A_cut Max: 248.87





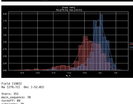


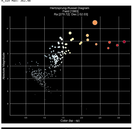
Field [1002]
Mp [4.0] Mm [-2.0,0.0]

Stars: 3080
Main_sequence: 78
Giants: 1000
Subgiants: 80
Dwarfs: 1565
red_giants: 318

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 1000
Class 6: 1000
Class 7: 0
Class 8: 0
Class 9: 0

A_cut Max: 241.98



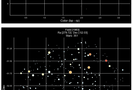


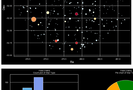
Field [1003]
Mp [4.0] Mm [-2.0,0.0]

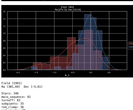
Stars: 3080
Main_sequence: 80
Giants: 1000
Subgiants: 70
Dwarfs: 1565
red_giants: 285

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 100
Class 5: 1000
Class 6: 1000
Class 7: 0
Class 8: 0
Class 9: 0

A_cut Max: 92.67





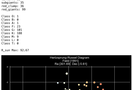


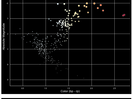
Field [1]
Mp [40.0] Mm [-40.0,40.0]

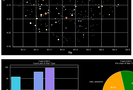
Stars: 307
Main_sequence: 175
Giants: 0
Subgiants: 70
red_giants: 12
Dwarfs: 50

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 100
Class 5: 100
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0

A_cut Max: 115.85





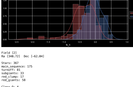


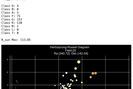
Field [2]
Mp [40.0] Mm [-40.0,40.0]

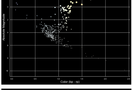
Stars: 307
Main_sequence: 175
Giants: 0
Subgiants: 70
red_giants: 12
Dwarfs: 50

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 100
Class 5: 100
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0

A_cut Max: 115.85





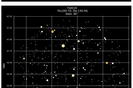


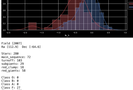
Field [3]
Mp [40.0] Mm [-40.0,40.0]

Stars: 307
Main_sequence: 175
Giants: 0
Subgiants: 70
red_giants: 12
Dwarfs: 50

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 100
Class 5: 100
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0

A_cut Max: 115.85



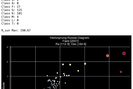


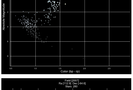
Field [4]
Mp [100.0] Mm [-100.0,100.0]

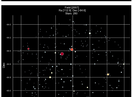
Stars: 1000
Main_sequence: 50
Giants: 100
Subgiants: 100
Dwarfs: 100
red_giants: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 125
Class 6: 125
Class 7: 0
Class 8: 0
Class 9: 0

A_cut Max: 198.87





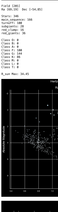


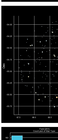
Field [0]
Ra [68.9] Dec [-54.8]

Stars: 300
main_sequence: 188
turboFit: 188
cmd_cuts: 188
red_clump: 20
red_giants: 188

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

a_ext Max: 34.45



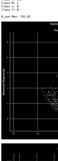


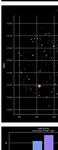
Field [1]
Ra [125.8] Dec [-73.5]

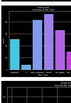
Stars: 300
main_sequence: 80
turboFit: 51
cmd_cuts: 80
red_clump: 80
red_giants: 80

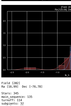
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 18
Class 5: 18
Class 6: 18
Class 7: 18
Class 8: 0
Class 9: 0

a_ext Max: 55.62







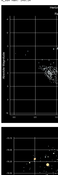


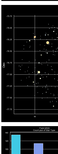
Field [2]
Ra [18.8] Dec [-76.5]

Stars: 300
main_sequence: 125
turboFit: 114
cmd_cuts: 125
red_clump: 20
red_giants: 125

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 13
Class 7: 13
Class 8: 0
Class 9: 0

a_ext Max: 148.34



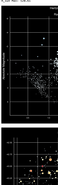


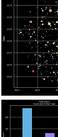
Field [3]
Ra [147.9] Dec [-45.8]

Stars: 300
main_sequence: 158
turboFit: 151
cmd_cuts: 158
red_clump: 20
red_giants: 158

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 143
Class 5: 143
Class 6: 136
Class 7: 136
Class 8: 0
Class 9: 0

a_ext Max: 326.63



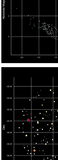


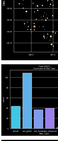
Field [4]
Ra [267.5] Dec [-30.6]

Stars: 300
main_sequence: 80
turboFit: 80
cmd_cuts: 80
red_clump: 80
red_giants: 80

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 18
Class 9: 18

a_ext Max: 1038.18



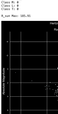


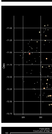
Field [5]
Ra [171.7] Dec [-71.7]

Stars: 300
main_sequence: 154
turboFit: 154
cmd_cuts: 154
red_clump: 20
red_giants: 154

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

a_ext Max: 146.34





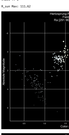
Cluster Size Distribution
Cluster Size
Cluster Size Distribution
Cluster Size
Cluster Size
Cluster Size

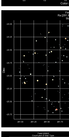
Field 23M017
Mp [20.00] Dec [-26.00]

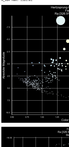
Stars: 2880
Sky_sequence: 107
Sky_count: 71
Pi_count: 71
Cal_index: 20
Sky_index: 20

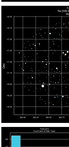
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0

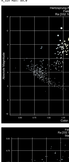
A_cor_Mag: [13.02]









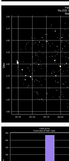


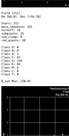
Field 23M018
Mp [20.00] Dec [5.00]

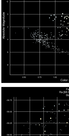
Stars: 2880
Sky_sequence: 154
Sky_count: 78
Pi_count: 78
Cal_index: 31
Sky_index: 31

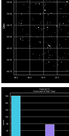
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 13
Class H: 0
Class I: 0

A_cor_Mag: [8.4]







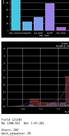


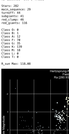
Field 23M019
Mp [20.00] Dec [-5.00]

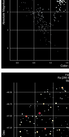
Stars: 2880
Sky_sequence: 162
Sky_count: 76
Pi_count: 76
Cal_index: 0
Sky_index: 0

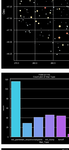
Class A: 0
Class B: 0
Class C: 0
Class D: 52
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0

A_cor_Mag: [28.45]







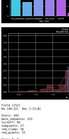


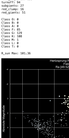
Field 23M020
Mp [20.00] Dec [-45.00]

Stars: 2880
Sky_sequence: 29
Sky_count: 68
Pi_count: 68
Cal_index: 45
Sky_index: 45

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 138
Class G: 0
Class H: 0
Class I: 0

A_cor_Mag: [18.00]





Field 23M021
Mp [20.00] Dec [-15.00]

Stars: 2880
Sky_sequence: 102
Sky_count: 70
Pi_count: 70
Cal_index: 0
Sky_index: 0

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0

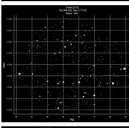
A_cor_Mag: [20.00]

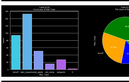
Field 23M022
Mp [20.00] Dec [-35.00]

Stars: 2880
Sky_sequence: 112
Sky_count: 72
Pi_count: 72
Cal_index: 0
Sky_index: 0

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0

A_cor_Mag: [20.00]



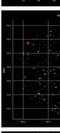


Cluster Sizes
Cluster Proportions
Cluster 1
Cluster 2
Cluster 3
Cluster 4
Cluster 5
Cluster 6
Cluster 7
Cluster 8
Cluster 9
Cluster 10
Cluster 11
Cluster 12
Cluster 13
Cluster 14
Cluster 15
Cluster 16
Cluster 17
Cluster 18
Cluster 19
Cluster 20
Cluster 21
Cluster 22
Cluster 23
Cluster 24
Cluster 25
Cluster 26
Cluster 27
Cluster 28
Cluster 29
Cluster 30
Cluster 31
Cluster 32
Cluster 33
Cluster 34
Cluster 35
Cluster 36
Cluster 37
Cluster 38
Cluster 39
Cluster 40
Cluster 41
Cluster 42
Cluster 43
Cluster 44
Cluster 45
Cluster 46
Cluster 47
Cluster 48
Cluster 49
Cluster 50
Cluster 51
Cluster 52
Cluster 53
Cluster 54
Cluster 55
Cluster 56
Cluster 57
Cluster 58
Cluster 59
Cluster 60
Cluster 61
Cluster 62
Cluster 63
Cluster 64
Cluster 65
Cluster 66
Cluster 67
Cluster 68
Cluster 69
Cluster 70
Cluster 71
Cluster 72
Cluster 73
Cluster 74
Cluster 75
Cluster 76
Cluster 77
Cluster 78
Cluster 79
Cluster 80
Cluster 81
Cluster 82
Cluster 83
Cluster 84
Cluster 85
Cluster 86
Cluster 87
Cluster 88
Cluster 89
Cluster 90
Cluster 91
Cluster 92
Cluster 93
Cluster 94
Cluster 95
Cluster 96
Cluster 97
Cluster 98
Cluster 99
Cluster 100
Cluster 101
Cluster 102
Cluster 103
Cluster 104
Cluster 105
Cluster 106
Cluster 107
Cluster 108
Cluster 109
Cluster 110
Cluster 111
Cluster 112
Cluster 113
Cluster 114
Cluster 115
Cluster 116
Cluster 117
Cluster 118
Cluster 119
Cluster 120
Cluster 121
Cluster 122
Cluster 123
Cluster 124
Cluster 125
Cluster 126
Cluster 127
Cluster 128
Cluster 129
Cluster 130
Cluster 131
Cluster 132
Cluster 133
Cluster 134
Cluster 135
Cluster 136
Cluster 137
Cluster 138
Cluster 139
Cluster 140
Cluster 141
Cluster 142
Cluster 143
Cluster 144
Cluster 145
Cluster 146
Cluster 147
Cluster 148
Cluster 149
Cluster 150
Cluster 151
Cluster 152
Cluster 153
Cluster 154
Cluster 155
Cluster 156
Cluster 157
Cluster 158
Cluster 159
Cluster 160
Cluster 161
Cluster 162
Cluster 163
Cluster 164
Cluster 165
Cluster 166
Cluster 167
Cluster 168
Cluster 169
Cluster 170
Cluster 171
Cluster 172
Cluster 173
Cluster 174
Cluster 175
Cluster 176
Cluster 177
Cluster 178
Cluster 179
Cluster 180
Cluster 181
Cluster 182
Cluster 183
Cluster 184
Cluster 185
Cluster 186
Cluster 187
Cluster 188
Cluster 189
Cluster 190
Cluster 191
Cluster 192
Cluster 193
Cluster 194
Cluster 195
Cluster 196
Cluster 197
Cluster 198
Cluster 199
Cluster 200
Cluster 201
Cluster 202
Cluster 203
Cluster 204
Cluster 205
Cluster 206
Cluster 207
Cluster 208
Cluster 209
Cluster 210
Cluster 211
Cluster 212
Cluster 213
Cluster 214
Cluster 215
Cluster 216
Cluster 217
Cluster 218
Cluster 219
Cluster 220
Cluster 221
Cluster 222
Cluster 223
Cluster 224
Cluster 225
Cluster 226
Cluster 227
Cluster 228
Cluster 229
Cluster 230
Cluster 231
C

Field [2242]
Ra [185.86] Dec [-52.05]

Stars: 298
Saturated: 0
Galaxies: 32
Stars: 74
Galaxies: 26
Stars: 0
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0
Class 10: 0

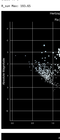
A_cor Mean: 0.01.7

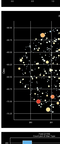


Field [2243]
Ra [185.8] Dec [-48.36]

Stars: 298
Saturated: 150
Galaxies: 32
Stars: 185
Galaxies: 26
Stars: 0
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0
Class 10: 0

A_cor Mean: 00.40

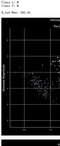


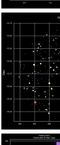


Field [2247]
Ra [185.8] Dec [-39.75]

Stars: 298
Saturated: 75
Galaxies: 32
Stars: 74
Galaxies: 26
Stars: 0
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0
Class 10: 0

A_cor Mean: 00.41

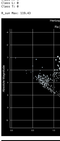


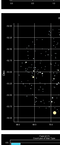


Field [2257]
Ra [185.8] Dec [-32.82]

Stars: 298
Saturated: 0
Galaxies: 75
Stars: 108
Galaxies: 0
Stars: 0
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 128
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0
Class 10: 0

A_cor Mean: 00.40

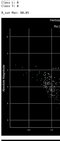


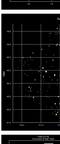


Field [2263]
Ra [185.8] Dec [-28.22]

Stars: 298
Saturated: 0
Galaxies: 75
Stars: 0
Galaxies: 0
Stars: 0
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0
Class 10: 0

A_cor Mean: 00.40





Field [2270]
Ra [185.8] Dec [-24.12]

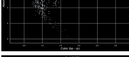
Stars: 298
Saturated: 0
Galaxies: 75
Stars: 0
Galaxies: 0
Stars: 0
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0
Class 10: 0

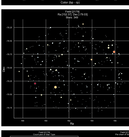
A_cor Mean: 00.40

Field [2278]
Ra [185.8] Dec [-19.82]

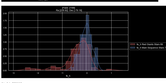
Stars: 298
Saturated: 0
Galaxies: 75
Stars: 0
Galaxies: 0
Stars: 0
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0
Class 10: 0

A_cor Mean: 00.40




Color Map - Log
Mag
Color

Number of Objects
Class
Percentage of Total Objects
Class
Class 0: 0.1%
Class 1: 0.1%
Class 2: 0.1%
Class 3: 0.1%
Class 4: 0.1%
Class 5: 0.1%
Class 6: 0.1%
Class 7: 0.1%
Class 8: 0.1%
Class 9: 0.1%
Class 10: 0.1%
Class 11: 0.1%
Class 12: 0.1%
Class

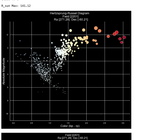


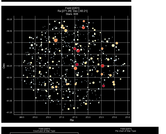
Field [1262]
Ra [217.58] Dec [-48.21]

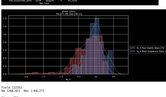
Query: 200
main_sequence: 100
subgiants: 50
giants: 50
red_giants: 100

Class A: 0
Class B: 0
Class C: 0
Class D: 13
Class E: 0
Class F: 100
Class G: 100
Class H: 38
Class I: 0
Class J: 0

A_cut Max: 141.12





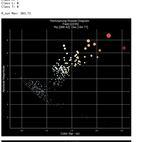


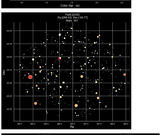
Field [1263]
Ra [240.63] Dec [-34.57]

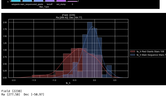
Query: 200
main_sequence: 100
subgiants: 50
giants: 50
red_giants: 100

Class A: 0
Class B: 0
Class C: 0
Class D: 13
Class E: 0
Class F: 100
Class G: 100
Class H: 38
Class I: 0
Class J: 0

A_cut Max: 85.73





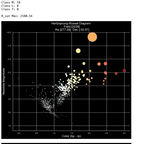


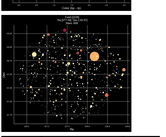
Field [1264]
Ra [277.92] Dec [-34.57]

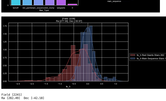
Query: 200
main_sequence: 100
subgiants: 50
giants: 50
red_giants: 100

Class A: 0
Class B: 0
Class C: 0
Class D: 13
Class E: 0
Class F: 100
Class G: 100
Class H: 38
Class I: 0
Class J: 0

A_cut Max: 2366.14





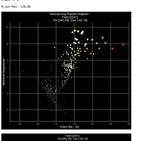


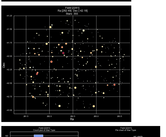
Field [1265]
Ra [240.48] Dec [-41.10]

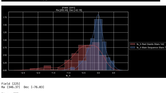
Query: 200
main_sequence: 50
subgiants: 50
giants: 50
red_giants: 50

Class A: 0
Class B: 0
Class C: 0
Class D: 13
Class E: 0
Class F: 50
Class G: 50
Class H: 38
Class I: 0
Class J: 0

A_cut Max: 15.46





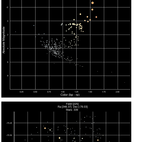


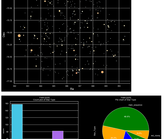
Field [1266]
Ra [180.17] Dec [-36.60]

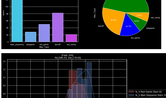
Query: 200
main_sequence: 150
subgiants: 50
giants: 50
red_giants: 25

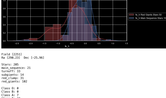
Class A: 0
Class B: 0
Class C: 0
Class D: 13
Class E: 0
Class F: 150
Class G: 50
Class H: 38
Class I: 0
Class J: 0

A_cut Max: 115.71







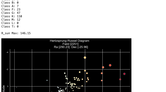


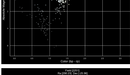
Field [1267]
Ra [98.22] Dec [-25.96]

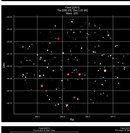
Query: 200
main_sequence: 50
subgiants: 50
giants: 50
red_giants: 50

Class A: 0
Class B: 0
Class C: 0
Class D: 13
Class E: 0
Class F: 50
Class G: 50
Class H: 38
Class I: 0
Class J: 0

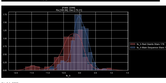
A_cut Max: 185.15







Cumulative Sum
Cumulative Sum [0.0]
Cumulative Sum
Cumulative Sum [0.0]
Frequency
Frequency
Cumulative Sum
Cumulative Sum
Frequency
Frequency
Cumulative Sum
Cumulative Sum
Frequency
Frequency
Cumulative Sum
Cumulative Sum

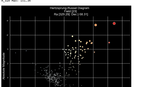


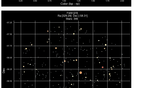
Field [0,0]
RA [0.000] Dec [-56.50]

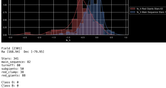
Objs: 386
mean_separation: 155
subgroups: 3
subgroups: 32
red_galaxies: 62

Class 1: 1
Class 2: 1
Class 3: 1
Class 4: 14
Class 5: 14
Class 6: 14
Class 7: 14
Class 8: 14
Class 9: 4
Class 10: 4
Class 11: 4

A_ext Max: [0.0, 0]





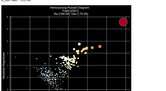


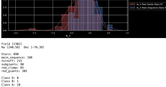
Field [0,90]
RA [0.000] Dec [-76.50]

Objs: 261
mean_separation: 82
subgroups: 3
subgroups: 38
red_galaxies: 58
red_galaxies: 85

Class 1: 4
Class 2: 4
Class 3: 4
Class 4: 4
Class 5: 4
Class 6: 14
Class 7: 14
Class 8: 14
Class 9: 14
Class 10: 4
Class 11: 4

A_ext Max: [0.0,0]



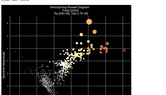


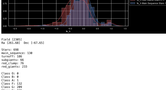
Field [0,180]
RA [0.000] Dec [-36.50]

Objs: 408
mean_separation: 188
subgroups: 3
subgroups: 36
red_galaxies: 60
red_galaxies: 105

Class 1: 4
Class 2: 4
Class 3: 14
Class 4: 14
Class 5: 14
Class 6: 14
Class 7: 14
Class 8: 4
Class 9: 4
Class 10: 4

A_ext Max: [0.0,0]



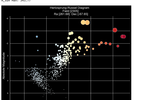


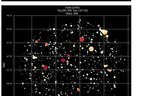
Field [0,270]
RA [0.000] Dec [-16.50]

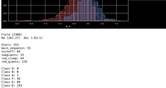
Objs: 280
mean_separation: 158
subgroups: 3
subgroups: 36
red_galaxies: 210

Class 1: 4
Class 2: 4
Class 3: 14
Class 4: 14
Class 5: 14
Class 6: 14
Class 7: 14
Class 8: 4
Class 9: 4
Class 10: 4

A_ext Max: [0.0,0]





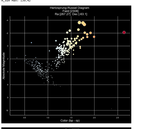


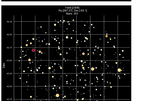
Field [180,0]
RA [180.000] Dec [-60.50]

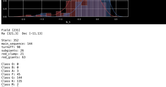
Objs: 480
mean_separation: 55
subgroups: 3
subgroups: 32
red_galaxies: 126

Class 1: 4
Class 2: 4
Class 3: 14
Class 4: 14
Class 5: 14
Class 6: 14
Class 7: 14
Class 8: 4
Class 9: 4
Class 10: 4

A_ext Max: [0.0,0]







Field [180,90]
RA [180.000] Dec [-0.50]

Objs: 261
mean_separation: 55
subgroups: 3
subgroups: 32
red_galaxies: 126

Class 1: 4
Class 2: 4
Class 3: 14
Class 4: 14
Class 5: 14
Class 6: 14
Class 7: 14
Class 8: 4
Class 9: 4
Class 10: 4

A_ext Max: [0.0,0]

Field [180,180]
RA [180.000] Dec [-36.50]

Objs: 386
mean_separation: 188
subgroups: 3
subgroups: 36
red_galaxies: 60
red_galaxies: 105

Class 1: 4
Class 2: 4
Class 3: 14
Class 4: 14
Class 5: 14
Class 6: 14
Class 7: 14
Class 8: 4
Class 9: 4
Class 10: 4

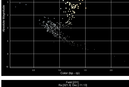
A_ext Max: [0.0,0]

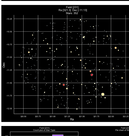
Field [180,270]
RA [180.000] Dec [-16.50]

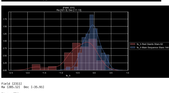
Objs: 280
mean_separation: 158
subgroups: 3
subgroups: 36
red_galaxies: 210

Class 1: 4
Class 2: 4
Class 3: 14
Class 4: 14
Class 5: 14
Class 6: 14
Class 7: 14
Class 8: 4
Class 9: 4
Class 10: 4

A_ext Max: [0.0,0]





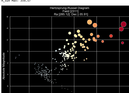


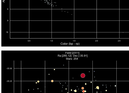
Field 22522
Ra [285.1] Dec [-35.06]

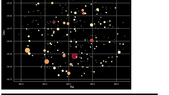
Stars: 254
Clusters found: 15
Noise: 0
Ungrouped: 30
Cluster Stars: 224
Cluster Fraction: .88

Class 0: 8
Class 1: 8
Class 2: 9
Class 3: 9
Class 4: 13
Class 5: 13
Class 6: 14
Class 7: 15
Class 8: 16
Class 9: 17
Class 10: 18
Class 11: 18
Class 12: 18
Class 13: 18
Class 14: 18

n_cut Max: 256.57





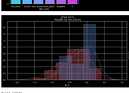


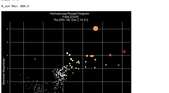
Field 22527
Ra [285.18] Dec [-34.25]

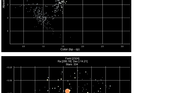
Stars: 300
Clusters found: 18
Noise: 0
Ungrouped: 32
Cluster Stars: 268
Cluster Fraction: .89

Class 0: 8
Class 1: 8
Class 2: 8
Class 3: 8
Class 4: 8
Class 5: 8
Class 6: 10
Class 7: 10
Class 8: 10
Class 9: 10
Class 10: 10
Class 11: 10
Class 12: 10
Class 13: 10
Class 14: 10
Class 15: 10
Class 16: 10
Class 17: 10

n_cut Max: 300.4





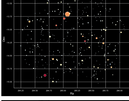


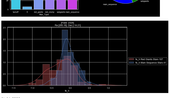
Field 22532
Ra [285.96] Dec [-35.08]

Stars: 303
Clusters found: 18
Noise: 0
Ungrouped: 28
Cluster Stars: 275
Cluster Fraction: .91

Class 0: 8
Class 1: 8
Class 2: 8
Class 3: 8
Class 4: 8
Class 5: 8
Class 6: 10
Class 7: 10
Class 8: 10
Class 9: 10
Class 10: 10
Class 11: 10
Class 12: 10
Class 13: 10
Class 14: 10
Class 15: 10
Class 16: 10
Class 17: 10

n_cut Max: 256.88



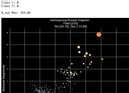


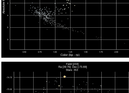
Field 22537
Ra [287.82] Dec [-37.28]

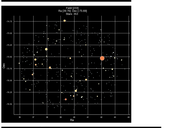
Stars: 288
Clusters found: 20
Noise: 0
Ungrouped: 36
Cluster Stars: 252
Cluster Fraction: .87

Class 0: 8
Class 1: 8
Class 2: 8
Class 3: 8
Class 4: 8
Class 5: 8
Class 6: 8
Class 7: 8
Class 8: 8
Class 9: 8
Class 10: 8
Class 11: 8
Class 12: 8
Class 13: 8
Class 14: 8
Class 15: 8
Class 16: 8
Class 17: 8
Class 18: 8
Class 19: 8

n_cut Max: 288.74





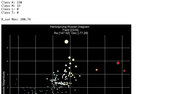


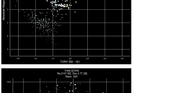
Field 22542
Ra [288.5] Dec [-39.54]

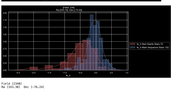
Stars: 300
Clusters found: 18
Noise: 0
Ungrouped: 36
Cluster Stars: 264
Cluster Fraction: .88

Class 0: 8
Class 1: 8
Class 2: 8
Class 3: 8
Class 4: 8
Class 5: 8
Class 6: 10
Class 7: 10
Class 8: 10
Class 9: 10
Class 10: 10
Class 11: 10
Class 12: 10
Class 13: 10
Class 14: 10
Class 15: 10
Class 16: 10
Class 17: 10

n_cut Max: 258.96



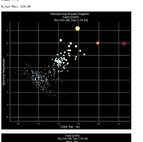


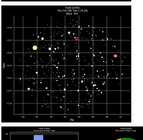


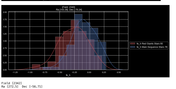
Field [0]
Ra [223.8] Dec [-76.24]

Stars: 2001
mean_separation: 79
footprint: 98
subgalaxies: 20
red_galaxies: 60
Class [0]: 0
Class [1]: 0
Class [2]: 0
Class [3]: 21
Class [4]: 15
Class [5]: 216
Class [6]: 0
Class [7]: 0
Class [8]: 0
Class [9]: 0

R_eff Mean: [27.49]



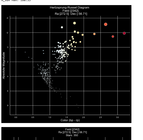


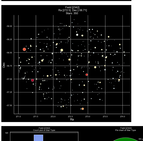


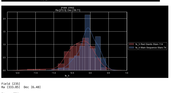
Field [1]
Ra [223.8] Dec [-56.51]

Stars: 150
mean_separation: 79
footprint: 49
subgalaxies: 20
red_galaxies: 60
Class [0]: 0
Class [1]: 0
Class [2]: 0
Class [3]: 15
Class [4]: 19
Class [5]: 116
Class [6]: 0
Class [7]: 0
Class [8]: 0
Class [9]: 0

R_eff Mean: [28.72]



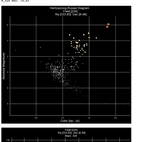


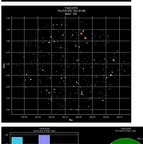


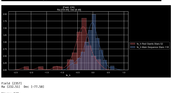
Field [2]
Ra [223.8] Dec [0.48]

Stars: 256
mean_separation: 119
footprint: 98
subgalaxies: 21
red_galaxies: 60
Class [0]: 0
Class [1]: 0
Class [2]: 0
Class [3]: 16
Class [4]: 14
Class [5]: 215
Class [6]: 0
Class [7]: 0
Class [8]: 0
Class [9]: 0

R_eff Mean: [5.4]



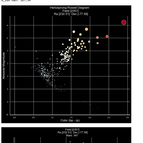


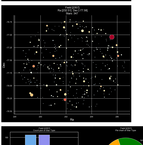


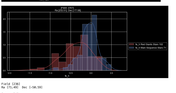
Field [3]
Ra [223.8] Dec [-77.18]

Stars: 247
mean_separation: 75
footprint: 98
subgalaxies: 22
red_galaxies: 60
Class [0]: 0
Class [1]: 0
Class [2]: 0
Class [3]: 0
Class [4]: 0
Class [5]: 248
Class [6]: 0
Class [7]: 0
Class [8]: 0
Class [9]: 0

R_eff Mean: [47.34]



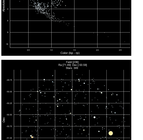


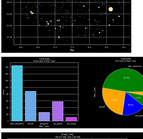


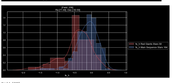
Field [4]
Ra [223.8] Dec [-58.50]

Stars: 180
mean_separation: 103
footprint: 49
subgalaxies: 20
red_galaxies: 60
Class [0]: 0
Class [1]: 0
Class [2]: 0
Class [3]: 16
Class [4]: 18
Class [5]: 146
Class [6]: 0
Class [7]: 0
Class [8]: 0
Class [9]: 0

R_eff Mean: [73.8]



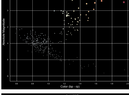


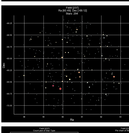


Field [5]
Ra [223.8] Dec [-58.57]

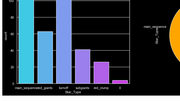
Stars: 280
mean_separation: 108
footprint: 49
subgalaxies: 20
red_galaxies: 60
Class [0]: 0
Class [1]: 0
Class [2]: 0
Class [3]: 0
Class [4]: 0
Class [5]: 0
Class [6]: 0
Class [7]: 0
Class [8]: 0
Class [9]: 0

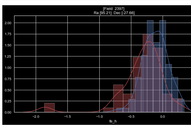
R_eff Mean: [80.8]



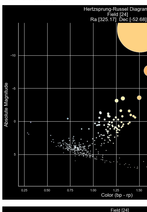


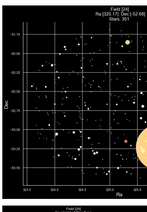
Class Distribution
Class Distribution
Class Distribution

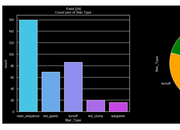


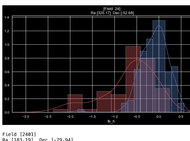



```
Field [24]
Ra [325.17]  Dec [-52.68]

Stars: 351
main_sequence: 160
red_giants: 97
subgiants: 16
red_clump: 20
red_giants: 00

Class O: 0
Class B: 0
Class A: 3
Class F: 64
Class G: 148
Class K: 114
Class M: 11
Class L: 0
Class T: 0

R_sun Max: 13896.53
```

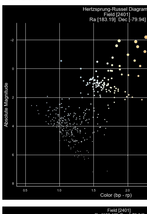


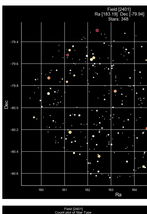


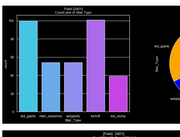


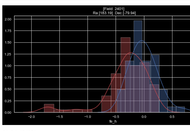



```
Field [2401]
Ra [183.19]  Dec [-79.94]

Stars: 348
main_sequence: 54
turnoff: 103
subgiants: 54
red_clump: 39
red_giants: 100

Class O: 0
Class B: 0
Class A: 0
Class F: 5
Class G: 54
Class K: 254
Class M: 28
Class L: 0
Class T: 0

R_sun Max: 97.79
```

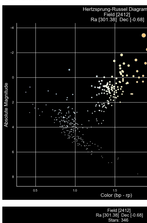


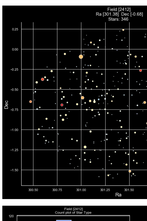


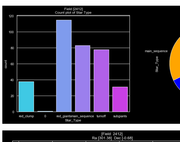


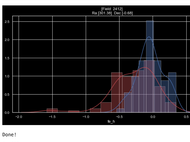



```
Field [2412]
Ra [301.38]  Dec [-0.68]

Stars: 346
main_sequence: 83
turnoff: 78
subgiants: 31
red_clump: 38
red_giants: 115

Class O: 0
Class B: 0
Class A: 0
Class F: 20
Class G: 97
Class K: 197
Class M: 12
Class L: 0
Class T: 0

R_sun Max: 136.2
```









Done!

[Z1]: