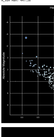
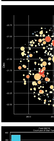
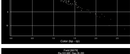
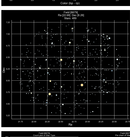
```
Python 3.7.8 (default, Jul 28 2020, 05:26:03)
[GCC 9.3.0] on linux2 Type "help", "copyright", "credits" or "license" for more information.
IPython 7.5.0 -- An enhanced Interactive Python.
In [1]: runfile('/home/jonathanlyons/CALAPR By Fields.py', wdir='/home/jonathanlyons')
/home/jonathanlyons/anaconda3/lib/python3.7/site-packages
/home/jonathanlyons/Desktop/Scripts
Color functions loaded

Step 000

Step 001
Additional Fields Added Done!

Step 002

Step 003 Print Fields.

Step 004 Print Colums.

Field 26030
Mw [20.00] Dmx [-23.00]

Shape: (8000,)
mag_apparent: 98
magnitude: 98
redshift: 31
redshift_err: 31
red_prob: 100

Class 0: 8
Class 1: 2
Class 2: 15
Class 3: 13
Class 4: 12
Class 5: 6
Class 6: 14
Class 7: 8

m_app Max: 447.26
```

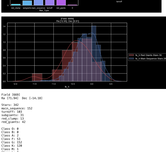




Count Per Class
Class
Count
Redshift Distribution Per Class
Redshift
Class
Redshift Distribution Per Class
Redshift
Class
Redshift Distribution Per Class
Redshift
Class




Color Mag - V-I

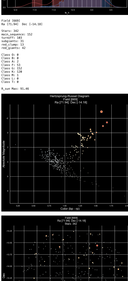


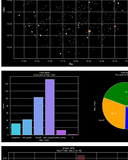
Field 0000?
Ra [0.0] Dec [-14.0]

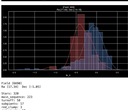
Stars: 382
Mean sepparation: 152
Sepparation: 0.0
Sepparation: 31
Mag_sum: 0.0
Mag_pairs: 42

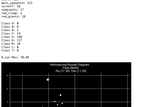
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 112
Class 5: 270
Class 6: 0
Class 7: 0
Class 8: 0

A_cor Max: 90.40







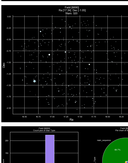


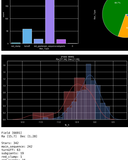
Field 0000?
Ra [0.0] Dec [-11.0]

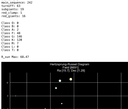
Stars: 382
Mean sepparation: 223
Sepparation: 0.0
Sepparation: 37
Mag_sum: 0.0
Mag_pairs: 18

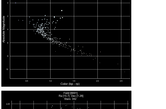
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 108
Class 5: 274
Class 6: 0
Class 7: 0
Class 8: 0

A_cor Max: 74.40







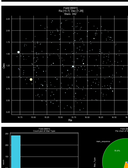


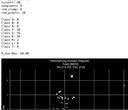
Field 0000?
Ra [0.0] Dec [-11.0]

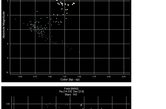
Stars: 382
Mean sepparation: 242
Sepparation: 51
Mag_sum: 0.0
Mag_pairs: 18

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 108
Class 5: 274
Class 6: 0
Class 7: 0
Class 8: 0

A_cor Max: 60.47





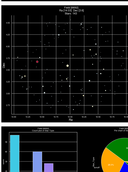


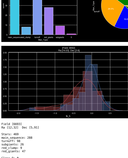
Field 0000?
Ra [0.0] Dec [3.0]

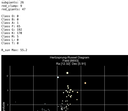
Stars: 382
Mean sepparation: 37
Sepparation: 0.0
Sepparation: 0
Mag_sum: 0.0
Mag_pairs: 0

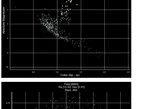
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0

A_cor Max: 90.40







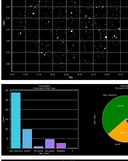


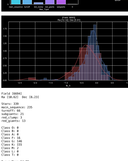
Field 0000?
Ra [12.0] Dec [5.0]

Stars: 382
Mean sepparation: 100
Sepparation: 0.0
Sepparation: 0
Mag_sum: 0.0
Mag_pairs: 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

A_cor Max: 51.2



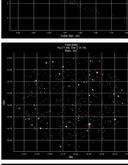


Field 0000?
Ra [18.0] Dec [6.0]

Stars: 382
Mean sepparation: 229
Sepparation: 0.0
Sepparation: 0
Mag_sum: 0.0
Mag_pairs: 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

A_cor Max: 90.40

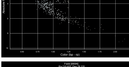


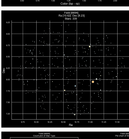
Field 0000?
Ra [18.0] Dec [9.0]

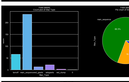
Stars: 382
Mean sepparation: 229
Sepparation: 0.0
Sepparation: 0
Mag_sum: 0.0
Mag_pairs: 0

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

A_cor Max: 90.40



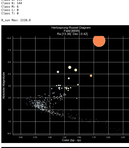


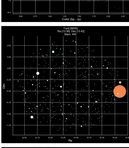


Field 0000?
Mw C10,787: Dec 2-8,422

Sharp: 4?4?
mean_sequence: 4?4?
hurst?: 583
subgenre: 0?
rng_seed: 4?
rng_genera: 4?
Class 0: 4
Class 1: 4
Class 2: 4
Class 3: 24
Class 4: 24
Class 5: 24
Class 6: 24
Class 7: 4
Class 8: 4
Class 9: 4

m_sun_Mean: 2238.9

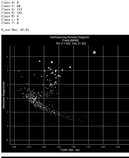


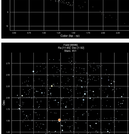


Field 0000?
Mw C10,787: Dec 15,422

Sharp: 4?1?
mean_sequence: 27?
hurst?: 4?
subgenre: 4?
rng_seed: 4?
rng_genera: 4?
Class 0: 4
Class 1: 4
Class 2: 4
Class 3: 4
Class 4: 4
Class 5: 4
Class 6: 4
Class 7: 4
Class 8: 4
Class 9: 4

m_sun_Mean: 32.91

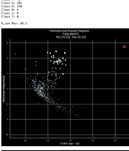


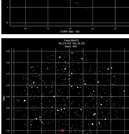


Field 0000?
Mw C10,787: Dec 16,321

Sharp: 4?1?
mean_sequence: 21?
hurst?: 4?
subgenre: 4?
rng_seed: 4?
rng_genera: 4?
Class 0: 4
Class 1: 4
Class 2: 4
Class 3: 4
Class 4: 24
Class 5: 24
Class 6: 24
Class 7: 4
Class 8: 4
Class 9: 4

m_sun_Mean: 26.2

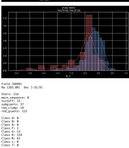


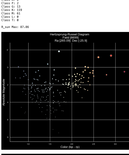


Field 0000?
Mw C10,787: Dec 2,25,32

Sharp: 21?
mean_sequence: 8
hurst?: 4?
subgenre: 3?
rng_seed: 4?
rng_genera: 12?
Class 0: 4
Class 1: 4
Class 2: 4
Class 3: 4
Class 4: 4
Class 5: 4
Class 6: 4
Class 7: 4
Class 8: 4
Class 9: 4

m_sun_Mean: 47.88

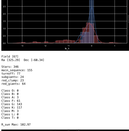


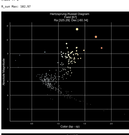


Field 0000?
Mw C10,787: Dec 2,68,562

Sharp: 3?8
mean_sequence: 355
hurst?: 4?
subgenre: 2?
rng_seed: 4?
rng_genera: 4?
Class 0: 4
Class 1: 4
Class 2: 4
Class 3: 4
Class 4: 4
Class 5: 4
Class 6: 4
Class 7: 4
Class 8: 4
Class 9: 4

m_sun_Mean: 341.97



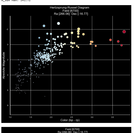


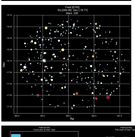
Field 01N01
Ra [0.0,0.0] Dec [-16,-72]

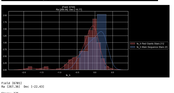
Status: 256
mean_separation: 25
nsplit: 2
subgrid0: 21
subgrid1: 22
rms_gradient: 227

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

N_sat_Max: [40,3]





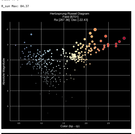


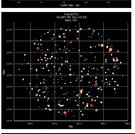
Field 02N01
Ra [0.0,0.0] Dec [-22,-60]

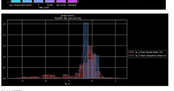
Status: 256
mean_separation: 25
nsplit: 2
subgrid0: 26
subgrid1: 27
rms_gradient: 228

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

N_sat_Max: [4,1]





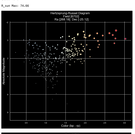


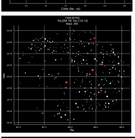
Field 03N01
Ra [0.0,0.0] Dec [-25,-52]

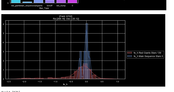
Status: 256
mean_separation: 5
nsplit: 2
subgrid0: 30
subgrid1: 31
rms_gradient: 240

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

N_sat_Max: [9,8]





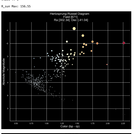


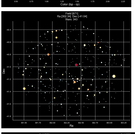
Field 04N01
Ra [180,0] Dec [-45,-80]

Status: 256
mean_separation: 118
nsplit: 2
subgrid0: 32
subgrid1: 33
rms_gradient: 81

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

N_sat_Max: [56,5]



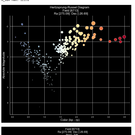


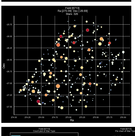
Field 05N01
Ra [270,0] Dec [-18,-80]

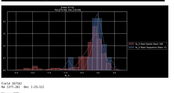
Status: 256
mean_separation: 12
nsplit: 2
subgrid0: 34
subgrid1: 35
rms_gradient: 114

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

N_sat_Max: [5,4]





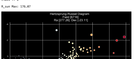


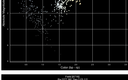
Field 06N01
Ra [270,0] Dec [-23,-51]

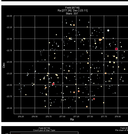
Status: 257
mean_separation: 25
nsplit: 2
subgrid0: 36
subgrid1: 37
rms_gradient: 81

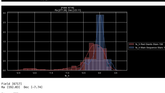
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0

N_sat_Max: [19,8]





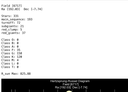


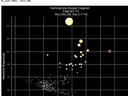


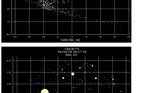
Field 00253
Ra [182.40] Dec [-3.56]

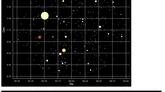
Magnu: 4000
Magnu_parameter: 180
Sunspot: 72
Sun_area: 1000
cmf_index: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 18
Class F: 54
Class G: 0
Class H: 0
Class I: 0
Class J: 0

N_sun Max: 415.48







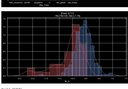


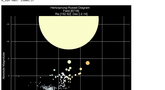
Field 00302
Ra [182.40] Dec [-3.56]

Magnu: 4000
Magnu_parameter: 264
Sunspot: 102
Sun_area: 1000
cmf_index: 72
cmf_index: 0

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 18
Class F: 108
Class G: 0
Class H: 0
Class I: 0
Class J: 0

N_sun Max: 2080.57



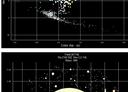


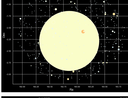
Field 00302
Ra [185.72] Dec [-16.12]

Magnu: 4000
Magnu_parameter: 252
Sunspot: 72
Sun_area: 1000
cmf_index: 0
cmf_index: 0

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 18
Class F: 54
Class G: 0
Class H: 0
Class I: 0
Class J: 0

N_sun Max: 328.87



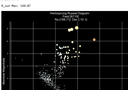


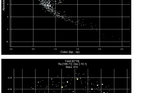
Field 00302
Ra [182.40] Dec [-3.56]

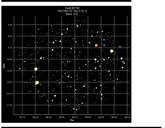
Magnu: 4000
Magnu_parameter: 324
Sunspot: 90
Sun_area: 1000
cmf_index: 0
cmf_index: 0

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 18
Class F: 72
Class G: 0
Class H: 0
Class I: 0
Class J: 0

N_sun Max: 205.80





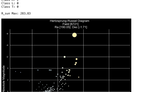


Field 00302
Ra [182.40] Dec [-6.02]

Magnu: 4000
Magnu_parameter: 360
Sunspot: 90
Sun_area: 1000
cmf_index: 0
cmf_index: 0

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 18
Class F: 72
Class G: 0
Class H: 0
Class I: 0
Class J: 0

N_sun Max: 272.26

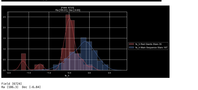


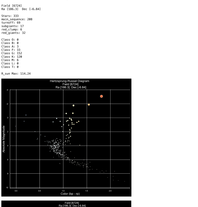
Field 20300
RA [ARCS] Dec [-8,8]

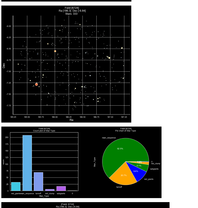
Nsrc: 200
mean_separation: 288
mag_cutoff: 0
subgroups: 0
rms_cutoff: 0
rms_points: 0

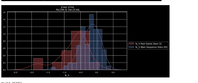
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 128
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0

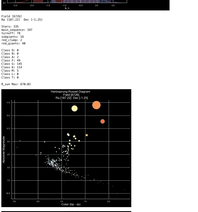
R_cut Max: [16,0]









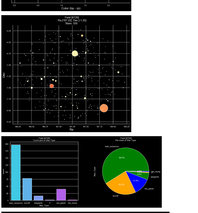


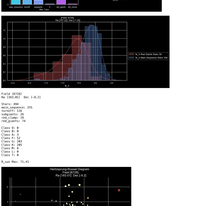
Field 20300
RA [ARCS] Dec [-1,1.25]

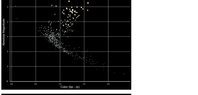
Nsrc: 191
mean_separation: 187
mag_cutoff: 0
subgroups: 0
rms_cutoff: 0
rms_points: 0

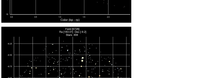
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 128
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0

R_cut Max: [18,0]







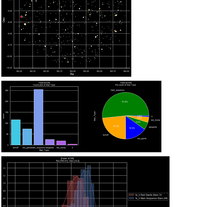


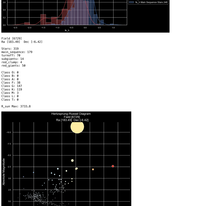
Field 20300
RA [ARCS] Dec [-4,0]

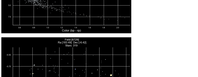
Nsrc: 200
mean_separation: 250
mag_cutoff: 0
subgroups: 0
rms_cutoff: 0
rms_points: 0

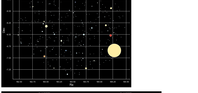
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 128
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0

R_cut Max: [0,0]







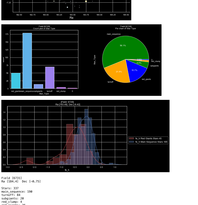


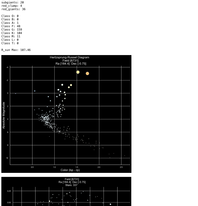
Field 20300
RA [ARCS] Dec [-8,0]

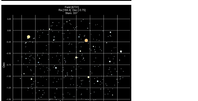
Nsrc: 200
mean_separation: 179
mag_cutoff: 0
subgroups: 0
rms_cutoff: 0
rms_points: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 128
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0

R_cut Max: 272.8





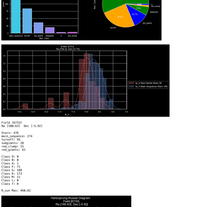


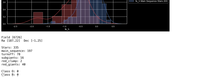
Field 20300
RA [ARCS] Dec [-8,0]

Nsrc: 200
mean_separation: 288
mag_cutoff: 0
subgroups: 0
rms_cutoff: 0
rms_points: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 128
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0

R_cut Max: 187.48



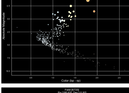


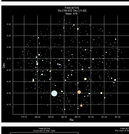
Field 20300
RA [ARCS] Dec [-5,0]

Nsrc: 191
mean_separation: 274
mag_cutoff: 0
subgroups: 0
rms_cutoff: 0
rms_points: 0

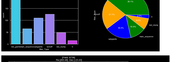
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 128
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0

R_cut Max: 98.32



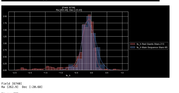


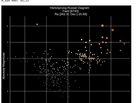
Classification Method: Natural Breaks
Number of Classes: 5
Field: Class
Classification Method: Natural Breaks
Number of Classes: 5
Field: Class
Class 1
Class 2
Class 3
Class 4
Class 5
Class 1
Class 2
Class 3
Class 4
Class 5
Class 1
Class 2
Class 3
Class 4
Class 5

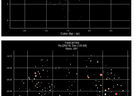


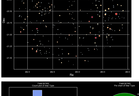
Field 25360
RA [ARCS]: Dec [-26.00]

Stars: 280
main_separator: 30
subgiants: 50
red_giants: 100
red_jumbo: 20
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 128
Class I: 152
Class J: 0
Class K: 0
R_cut_Max: 42.25



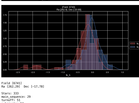


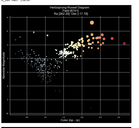




Field 25360
RA [ARCS]: Dec [-25.50]

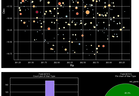
Stars: 255
main_separator: 30
subgiants: 50
red_giants: 100
red_jumbo: 20
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 128
Class I: 127
Class J: 0
Class K: 0
R_cut_Max: 108.07

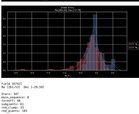




Field 25360
RA [ARCS]: Dec [-24.50]

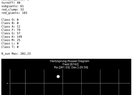
Stars: 247
main_separator: 0
subgiants: 50
red_giants: 100
red_jumbo: 100
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 128
Class I: 119
Class J: 0
Class K: 0
R_cut_Max: 240.23

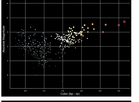




Field 25360
RA [ARCS]: Dec [-23.50]

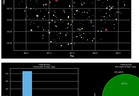
Stars: 248
main_separator: 30
subgiants: 50
red_giants: 100
red_jumbo: 128
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 128
Class I: 120
R_cut_Max: 186.26

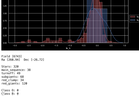




Field 25360
RA [ARCS]: Dec [-22.50]

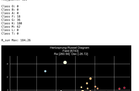
Stars: 280
main_separator: 30
subgiants: 50
red_giants: 100
red_jumbo: 128
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 128
Class I: 152
R_cut_Max: 186.26

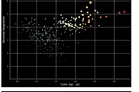


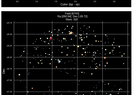


Field 25360
RA [ARCS]: Dec [-21.50]

Stars: 281
main_separator: 30
subgiants: 50
red_giants: 100
red_jumbo: 127
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 128
Class I: 153
R_cut_Max: 148.38

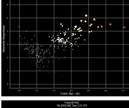


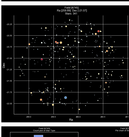


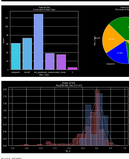


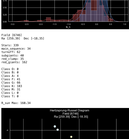
Field 25360
RA [ARCS]: Dec [-20.50]

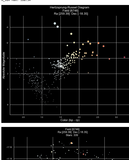
Stars: 280
main_separator: 30
subgiants: 50
red_giants: 100
red_jumbo: 128
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 128
Class I: 152
R_cut_Max: 242.48

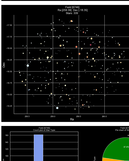

Color Mag - Mag


Mag - Mag

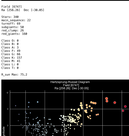

Mag - Mag

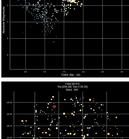

Mag - Mag


Color Mag - Mag


Mag - Mag

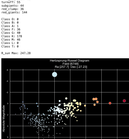
Mag - Mag

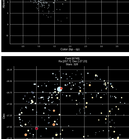

Color Mag - Mag


Mag - Mag

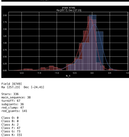
Mag - Mag

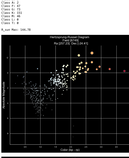
Color Mag - Mag

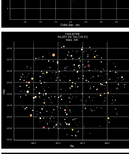

Mag - Mag


Mag - Mag

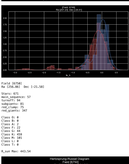
Color Mag - Mag

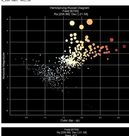

Mag - Mag

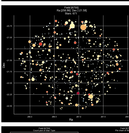

Mag - Mag


Color Mag - Mag

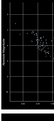
Mag - Mag

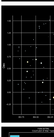

Mag - Mag


Color Mag - Mag


Mag - Mag

Class Distribution
Class
Count
Percentage
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



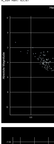


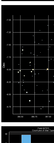
Field [6/63]
Ra [17.07] Dec [-1.48]

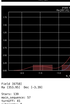
Stars: 238
mean_separation: 90
nearest: 0.0
subpixels: 32
max_count: 1
num_pixels: 21

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

A_cut Max: 10.87





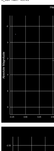


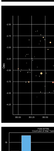
Field [6/64]
Ra [17.28] Dec [-0.39]

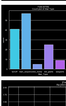
Stars: 188
mean_separation: 57
nearest: 0.0
subpixels: 4
max_count: 1
num_pixels: 21

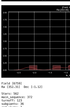
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0

A_cut Max: 26.44







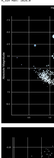


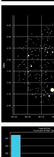
Field [6/65]
Ra [17.21] Dec [-1.12]

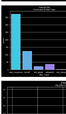
Stars: 203
mean_separation: 203
nearest: 0.0
subpixels: 16
max_count: 1
num_pixels: 21

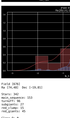
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 187
Class 5: 16
Class 6: 0
Class 7: 0

A_cut Max: 2020.8







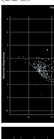


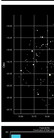
Field [6/66]
Ra [16.86] Dec [-0.82]

Stars: 360
mean_separation: 153
nearest: 0.0
subpixels: 16
max_count: 21
num_pixels: 21

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 180
Class 5: 180
Class 6: 0
Class 7: 0

A_cut Max: 146.37



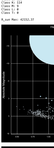


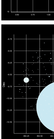
Field [6/67]
Ra [16.47] Dec [-0.40]

Stars: 180
mean_separation: 158
nearest: 84
subpixels: 16
max_count: 1
num_pixels: 21

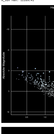
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0

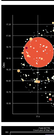
A_cut Max: 42122.37





Total Spectra
Number of Spectra
Total Spectra
Number of Spectra
Total Spectra
Number of Spectra



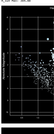


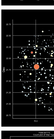
Field 02767:
Ra [15.197] Dec [21.157]

Nparg: 280
mean_separation: 93
nsplitmax: 3
nsplitpass: 75
nsplitfail: 0
rms_perpdist: 440

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

N_sat Mag: [46.8]



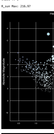


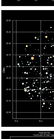
Field 02769:
Ra [24.328] Dec [24.328]

Nparg: 400
mean_separation: 95
nsplitmax: 3
nsplitpass: 0
nsplitfail: 0
rms_perpdist: 224

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

N_sat Mag: [46.8]



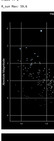


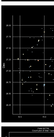
Field 02771:
Ra [21.448] Dec [21.448]

Nparg: 250
mean_separation: 91
nsplitmax: 3
nsplitpass: 0
nsplitfail: 0
rms_perpdist: 72

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

N_sat Mag: [0.0]



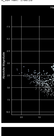


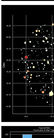
Field 02780:
Ra [15.88] Dec [15.88]

Nparg: 125
mean_separation: 125
nsplitmax: 3
nsplitpass: 0
nsplitfail: 248

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

N_sat Mag: [-26.2]



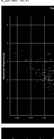


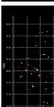
Field 02780:
Ra [15.88] Dec [15.88]

Nparg: 125
mean_separation: 125
nsplitmax: 3
nsplitpass: 0
nsplitfail: 248

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

N_sat Mag: [-26.2]





Field 02781:
Ra [16.88] Dec [16.88]

Nparg: 0
mean_separation: 0
nsplitmax: 0
nsplitpass: 0
nsplitfail: 0
rms_perpdist: 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

N_sat Mag: [0.0]

Field 02782:
Ra [16.88] Dec [16.88]

Nparg: 0
mean_separation: 0
nsplitmax: 0
nsplitpass: 0
nsplitfail: 0
rms_perpdist: 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

N_sat Mag: [0.0]

Classification Probabilities
Class 0: 0.000
Class 1: 0.000
Class 2: 0.000
Class 3: 0.000
Class 4: 0.000
Class 5: 0.000
Class 6: 0.000
Class 7: 0.000
Class 8: 0.000
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Class 991: 0.000
Class 992: 0.000
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Class 994: 0.000
Class 995: 0.000
Class 996: 0.000
Class 997: 0.000
Class 998: 0.000
Class 999: 0.000

Classification Probabilities
Class 0: 0.000
Class 1: 0.000
Class 2: 0.000
Class 3: 0.000
Class 4: 0.000
Class 5: 0.000
Class 6: 0.000
Class 7: 0.000
Class 8: 0.000
Class 9: 0.000
Class 10: 0.000
Class 11: 0.000
Class 12: 0.000
Class

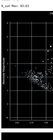
Class 11: 0
Class 12: 0

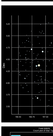
X_num Mean: 261.77

Cosmo Dep: 0.00
Class Number
Class Number
Cosmo Dep: 0.00
Class Number
Class Number
Cosmo Dep: 0.00
Class Number
Class Number

Total Counts
Counts per Second
Total Counts
Counts per Second
Total Counts
Counts per Second

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
n_eval_Rec: 10.63



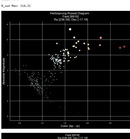


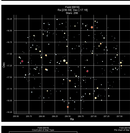
Change Mse
Epoch
Mse
Mae
Predicted Mse
Predicted Mae
Change Mae
Predicted Change Mse
Predicted Change Mae
Change Mse
Epoch
Mse
Mae
Predicted Mse
Predicted Mae
Change Mae
Predicted Change Mse
Predicted Change Mae
Predicted Mse
Predicted Mae
Change Mse

Total Number
Number of Objects
Class
Total Number of Objects
Class Number
Class Fraction
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: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0

n_var_kept: [15,21]

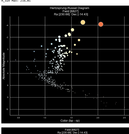


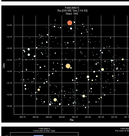


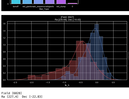
Class [0,1,2,3,4,5,6,7,8,9]
Plot [PC[0],PC[1]] (PC[0],PC[1])
Explained Variance Ratio [0.0,0.0]
Cumulative Explained Variance [0.0,0.0]

Classification Report (Height)
Mu:[0.07] Sig:[0.04]
Count
Class
Precision
Recall
F1-Score
Support
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

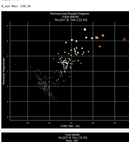
Field 2M0001
Mv [227.0] Dec [-0.8]
Shots: 1000
Sources: 1000 US
Sweep0[0.7, 0]
Sweep1[0.7, 0]
rmS_limit: 25
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0
Class 10: 0
Class 11: 0
Class 12: 0
A_cut Max: [18.8]

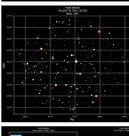


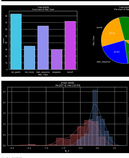


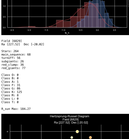


Field 2M0002
Mv [227.0] Dec [-0.8]
Shots: 280
Sources: 280 US
Sweep0[0.7, 0]
Sweep1[0.7, 0]
rmS_limit: 25
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0
Class 10: 0
Class 11: 0
Class 12: 0
A_cut Max: [18.9]

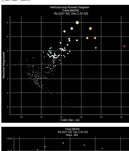


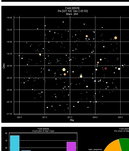




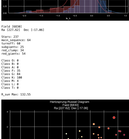


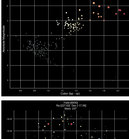
Field 2M0003
Mv [227.0] Dec [-0.8]
Shots: 1000
Sources: 1000 US
Sweep0[0.7, 0]
Sweep1[0.7, 0]
rmS_limit: 25
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0
Class 10: 0
Class 11: 0
Class 12: 0
A_cut Max: [18.2]

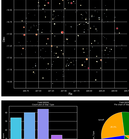




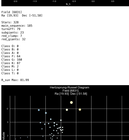
Field 2M0004
Mv [227.0] Dec [-0.8]
Shots: 227
Sources: 227 US
Sweep0[0.7, 0]
Sweep1[0.7, 0]
rmS_limit: 25
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0
Class 10: 0
Class 11: 0
Class 12: 0
A_cut Max: [18.5]

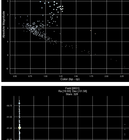




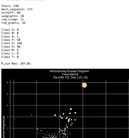


Field 2M0005
Mv [227.0] Dec [-0.8]
Shots: 1000
Sources: 1000 US
Sweep0[0.7, 0]
Sweep1[0.7, 0]
rmS_limit: 25
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0
Class 10: 0
Class 11: 0
Class 12: 0
A_cut Max: [18.3]

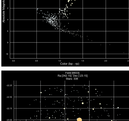




Field 2M0006
Mv [227.0] Dec [-0.8]
Shots: 1000
Sources: 1000 US
Sweep0[0.7, 0]
Sweep1[0.7, 0]
rmS_limit: 25
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0
Class 10: 0
Class 11: 0
Class 12: 0
A_cut Max: [0.9]



Field 2M0007
Mv [227.0] Dec [-0.8]
Shots: 280
Sources: 280 US
Sweep0[0.7, 0]
Sweep1[0.7, 0]
rmS_limit: 25
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
A_cut Max: [0.8]

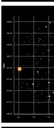


Field DEAD
Mu [245.46] Gen [-63.52]

Begin: DEAD
Mass: [245.46] [0.12]
Sum(Pt): 91
Sum(Pz): 0
num_events: 10
num_points: 10
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 12
Class 5: 153
Class 6: 153
Class 7: 0
Class 8: 0
E_sum Mass: 315.88

Field DEAD
Mu [-36.01] Gen [-36.01]

Begin: DEAD
Mass: [-36.01] [0.08]
Sum(Pt): 0
Sum(Pz): 0
num_events: 10
num_points: 10
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
E_sum Mass: 108.26



Field DEAD
Mu [-58.12] Gen [-58.12]

Begin: DEAD
Mass: [58.12] [0.09]
Sum(Pt): 579
Sum(Pz): 0
num_events: 10
num_points: 10
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 83
Class 5: 16
Class 6: 0
Class 7: 0
Class 8: 0
E_sum Mass: 38.87

Field DEAD
Mu [-10.86] Gen [-10.86]

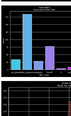
Begin: DEAD
Mass: [10.86] [0.07]
Sum(Pt): 267
num_events: 10
num_points: 10
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
E_sum Mass: 80.85

Field DEAD
Mu [-58.37] Gen [-58.37]

Begin: DEAD
Mass: [58.37] [0.09]
Sum(Pt): 585
num_events: 10
num_points: 10
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 17
Class 5: 16
Class 6: 0
Class 7: 0
Class 8: 0
E_sum Mass: 96.43

Field DEAD
Mu [-58.37] Gen [-58.37]

Begin: DEAD
Mass: [58.37] [0.09]
Sum(Pt): 0
Sum(Pz): 0
num_events: 10
num_points: 10
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
E_sum Mass: 96.43



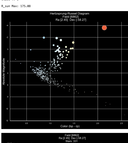
Field DEAD
Mu [-58.37] Gen [-58.37]

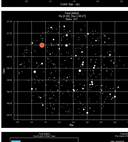
Begin: DEAD

Years: 201
main_separator: 173
subgroups: 32
rad_cutoff: 0
rad_gamma: 1.0

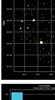
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 128
Class 4: 128
Class 5: 128
Class 6: 128
Class 7: 0

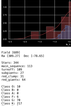
R_sun Max: 179.80





Cycle Distribution
Cycle Distribution
Cycle Distribution





Cell ID: 00003
Mw [1400,1?] Date [-?-?0,2012

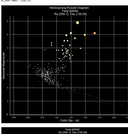
Status: OKAY
Seq_Number: 0000000-0000-0000-0

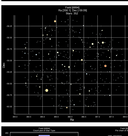
Field 04800:
Ra [14:57] Dec [-2:56.40]

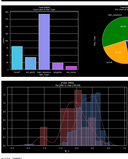
Stars: 252
main_parameter: 300
sub_parameter: 0
subpixels: 32
rmf_index: 0
rmf_pattern: 32

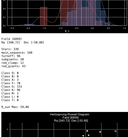
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0

N_cut Max: [18,2]







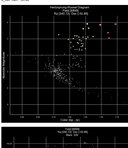


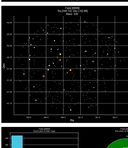
Field 04900:
Ra [14:58] Dec [-2:58.00]

Stars: 270
main_parameter: 300
sub_parameter: 0
subpixels: 32
rmf_index: 0
rmf_pattern: 32

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

N_cut Max: [9,8]



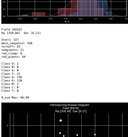


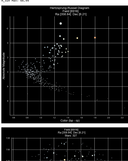
Field 05000:
Ra [14:59] Dec [-3:0.20]

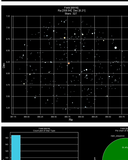
Stars: 207
main_parameter: 300
sub_parameter: 0
subpixels: 32
rmf_index: 0
rmf_pattern: 32

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

N_cut Max: [6,8]





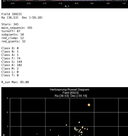


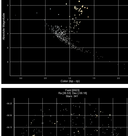
Field 05100:
Ra [14:59] Dec [-3:2.00]

Stars: 191
main_parameter: 300
sub_parameter: 0
subpixels: 32
rmf_index: 0
rmf_pattern: 32

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

N_cut Max: [9,8]



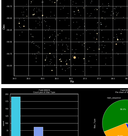


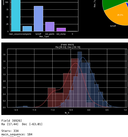
Field 05200:
Ra [14:59] Dec [-3:4.00]

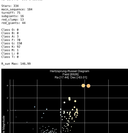
Stars: 207
main_parameter: 300
sub_parameter: 0
subpixels: 32
rmf_index: 0
rmf_pattern: 32

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

N_cut Max: [9,8]





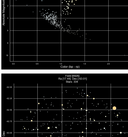


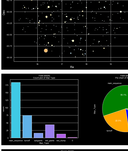
Field 05300:
Ra [14:59] Dec [-3:6.00]

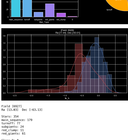
Stars: 254
main_parameter: 179
sub_parameter: 0
subpixels: 32
rmf_index: 0
rmf_pattern: 32

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

N_cut Max: [7,4]





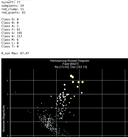


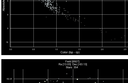
Field 05400:
Ra [14:59] Dec [-3:8.00]

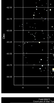
Stars: 250
main_parameter: 179
sub_parameter: 0
subpixels: 32
rmf_index: 0
rmf_pattern: 32

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

N_cut Max: [7,4]







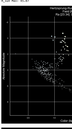
Class Distribution
Class Percentages
Class 0
Class 1
Class 2
Class 3
Class 4
Class 5
Class 6
Class 7
Class 8
Class 9
Class 10
Class 11
Class 12
Class 13
Class 14
Class 15
Class 16
Class 17
Class 18
Class 19
Class

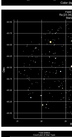
Field 3080:
RA [14,15]: Dec [-64,5]

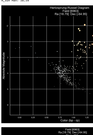
Nparc: 230
mean_separation: 208
mag_median: 17
subpixels: 0
mag_quality: 0
red_quality: 0

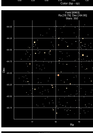
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0

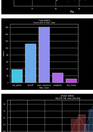
R_cut Max: 45.87

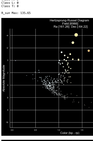


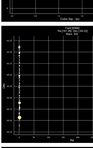


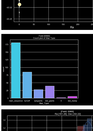


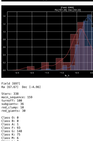


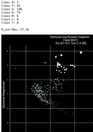


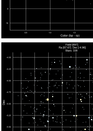


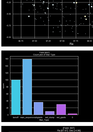


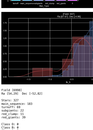


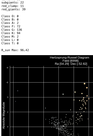










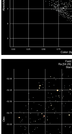


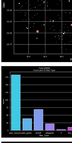
Field 3081:
RA [14,15]: Dec [-2.6,2]

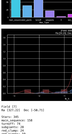
Nparc: 382
mean_separation: 181
mag_median: 17
subpixels: 0
mag_quality: 0
red_quality: 0

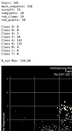
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 128
Class G: 0
Class H: 0
Class I: 0

R_cut Max: 19.81









Field 3077:
RA [14,15]: Dec [-6,8]

Nparc: 258
mean_separation: 158
mag_median: 17
subpixels: 0
mag_quality: 0
red_quality: 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

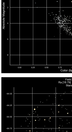
R_cut Max: 57.16

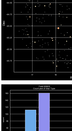
Field 3076:
RA [14,15]: Dec [-10,-8]

Nparc: 480
mean_separation: 140
mag_median: 17
subpixels: 0
mag_quality: 0
red_quality: 0

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 128
Class F: 0
Class G: 0
Class H: 0
Class I: 0

R_cut Max: 46.42



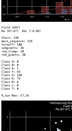


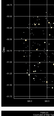
Field 2:
RA [357,2]: Dec [-3.04,75]

Nparc: 380
mean_separation: 158
mag_median: 16
subpixels: 0
mag_quality: 0
red_quality: 0

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 128
Class G: 0
Class H: 0
Class I: 0

R_cut Max: 236.08





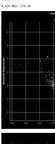
Interpolated Model Complex
Mw=2.57 Mm=2.57 Mc=1.81
Mw=2.57 Mm=2.57 Mc=1.81
Mw=2.57 Mm=2.57 Mc=1.81

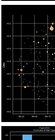
Field 23001
Ra [40.0] Dec [-45.00]

Stars: 344
main_sequence: 325
subgiants: 17
subgiants: 18
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: 128
Class H: 0
Class I: 0
Class J: 0

g_eye Mag: [19,28]



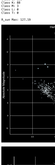


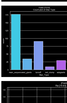
Field 23002
Ra [40.0] Dec [-45.42]

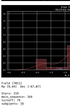
Stars: 386
main_sequence: 377
subgiants: 9
red_giants: 0
red_giants: 0

Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 128
Class H: 0
Class I: 0
Class J: 0

g_eye Mag: [19,28]





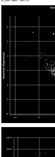


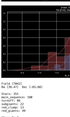
Field 23003
Ra [40.0] Dec [-47.47]

Stars: 339
main_sequence: 324
subgiants: 15
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: 128
Class H: 0
Class I: 0
Class J: 0

g_eye Mag: [19,28]



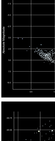


Field 23004
Ra [40.0] Dec [-48.00]

Stars: 401
main_sequence: 388
subgiants: 13
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: 128
Class H: 0
Class I: 0
Class J: 0

g_eye Mag: [19,28]

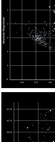


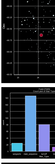
Field 23005
Ra [40.0] Dec [-50.42]

Stars: 383
main_sequence: 367
subgiants: 16
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: 128
Class H: 0
Class I: 0
Class J: 0

g_eye Mag: [19,28]



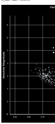


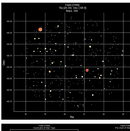
Field 23006
Ra [40.0] Dec [-48.42]

Stars: 386
main_sequence: 375
subgiants: 11
red_giants: 0
red_giants: 0

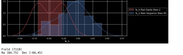
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 128
Class H: 0
Class I: 0
Class J: 0

g_eye Mag: [19,28]




Cut Flow Chart
Apr 07 '22 Dec 2:36:36

Cut Flow Chart
Cut Flow Pie Chart
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

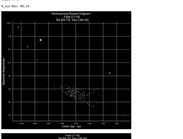


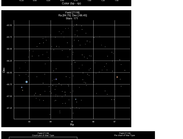
Field 11[illegible]
Mn [illegible] Max [illegible]

Depth: 175
mean_separation: 50
maxsep[0]: 40
subgraphs: 3
real_clusters: 8
Class 1: [illegible]

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

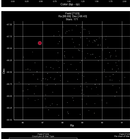
m_sep_Max: 89.24

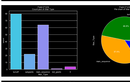




Case Key (10)
Case Key
Case Key (10)
Case Key
Case Key (10)
Case Key

Cases Age: 100



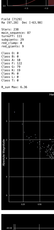

Cases Age: 100
Cases Age: 100
Cases Age: 100

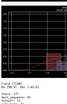
Partial FITCHI
Mw [45.80] Nmc [-45.80]

Sturc: 238
max_iterations: 10
maxlen: 255
max_zoom: 1.0
cmf_index: 0
cmf_power: 1.0

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

n_var Nmc: 5.16



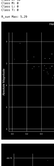


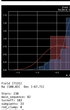
Partial FITCHI
Mw [38.97] Nmc [-45.42]

Sturc: 238
max_iterations: 80
maxlen: 72
max_zoom: 1.0
cmf_index: 0
cmf_power: 1.0

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

n_var Nmc: 5.26



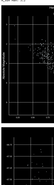


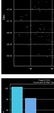
Partial FITCHI
Mw [2.08] Nmc [-47.72]

Sturc: 238
max_iterations: 60
maxlen: 255
max_zoom: 1.0
cmf_index: 0
cmf_power: 1.0

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

n_var Nmc: 5.2



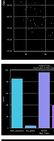


Partial FITCHI
Mw [-0.00] Nmc [-48.41]

Sturc: 238
max_iterations: 80
maxlen: 255
max_zoom: 1.0
cmf_index: 0
cmf_power: 1.0

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

n_var Nmc: 5.19

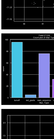


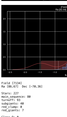
Partial FITCHI
Mw [-0.00] Nmc [-38.86]

Sturc: 237
max_iterations: 70
maxlen: 255
max_zoom: 0
cmf_index: 0
cmf_power: 1

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_var Nmc: 5.38





Partial FITCHI
Mw [-0.00] Nmc [-38.86]

Sturc: 237
max_iterations: 80
maxlen: 255
max_zoom: 0
cmf_index: 0
cmf_power: 1

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_var Nmc: 5.54

Cluster Size Histogram
Number of Clusters
Cluster Size
Cluster Size Pie Chart
Cluster Size
Cluster Size
Cluster Size

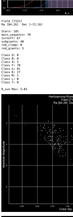
Total Count
Mu 1.04,1.02
Sigma 0.08,0.08
Skewness 0.00,0.00
Kurtosis 0.00,0.00
Cell_Count 8
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0
Class 10: 0
Class 11: 0
Class 12: 0
Class 13: 0
Class

Cluster Size (%)
Cluster Sep. (%)
Cluster Size (%)
Cluster Sep. (%)
Cluster Size (%)
Cluster Sep. (%)

Field 2002
Ra [46.8B] Dec [-53.5D]
Nsrc: 1000
Nsrc_separator: 78
Nsrc_cluster: 0
nsplits_ra: 4
nsplits_dec: 4
ind_pixelsz: 5

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: 1

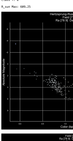
n_cat Nsrc: 5.4K

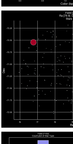


Field 2003
Ra [36.5D] Dec [-75.1S]
Nsrc: 1000
Nsrc_separator: 87
Nsrc_cluster: 0
nsplits_ra: 3
nsplits_dec: 3
ind_pixelsz: 6

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_cat Nsrc: 885.0

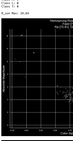


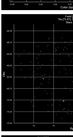


Field 2004
Ra [35.8D] Dec [-48.6S]
Nsrc: 1000
Nsrc_separator: 75
nsplits_ra: 3
nsplits_dec: 3
ind_pixelsz: 8

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_cat Nsrc: 34.6K

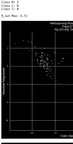


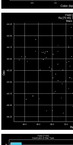


Field 2005
Ra [38.8D] Dec [-65.5S]
Nsrc: 1000
Nsrc_separator: 80
nsplits_ra: 3
nsplits_dec: 3
ind_pixelsz: 8

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_cat Nsrc: 6.3K

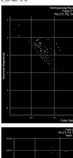


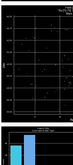


Field 2006
Ra [31.5D] Dec [-83.5S]
Nsrc: 1000
Nsrc_separator: 18
nsplits_ra: 3
nsplits_dec: 3
ind_pixelsz: 8

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_cat Nsrc: 4.7K

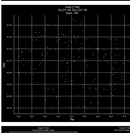




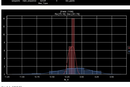
Field 2007
Ra [33.2D] Dec [-61.7S]
Nsrc: 1000
Nsrc_separator: 18
nsplits_ra: 3
nsplits_dec: 3
ind_pixelsz: 8

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

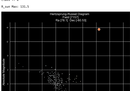
n_cat Nsrc: 5.4K

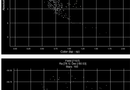

Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X

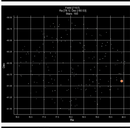
Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X


Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X

Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X

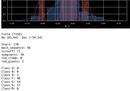

Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X

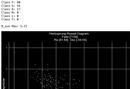

Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X


Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X

Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X

Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X


Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X


Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
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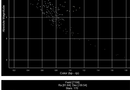
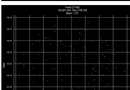

Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X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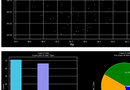
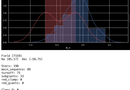
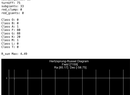
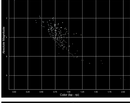
Mag: 12
Time: 0.0
Y
X

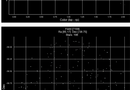

Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X

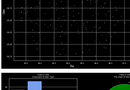
Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X


Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X

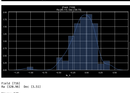

Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X


Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X

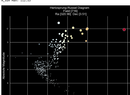

Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X

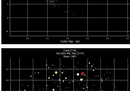

Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X

Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X


Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X

Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X


Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X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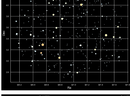
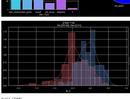
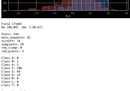
Mag: 12
Time: 0.0
Y
X


Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X

Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X


Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
X


Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
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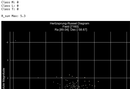
Sun PSF Test Chip
Mag: 12
Time: 0.0
Y
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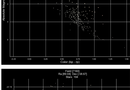
Sun PSF Test Chip
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Time: 0.0
Y
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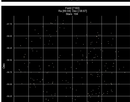
Sun PSF Test Chip
Mag: 12
Time: 0.0
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Sun PSF Test Chip
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Time: 0.0
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Sun PSF Test Chip
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Time: 0.0
Y
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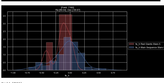
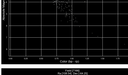
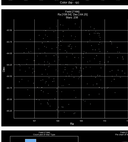
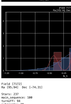

Classification Accuracy Comparison
Mean ± Std Dev
Accuracy (%)
Classification Accuracy Distribution
Mean: 0.000
Std Dev: 0.000
Count
Class 0: 0.000
Class 1: 0.000
Class 2: 0.000
Class 3: 0.000
Class 4: 0.000
Class 5: 0.000
Class 6: 0.000
Class 7: 0.000
Class 8: 0.000
Class 9: 0.000
Class 10: 0.000
Class 11: 0.000
Class 12: 0.000
Class





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

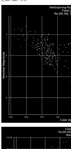
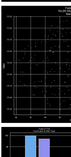
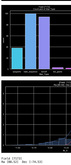
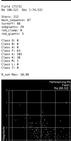
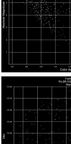
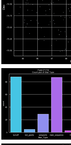
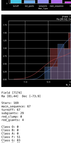
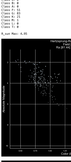
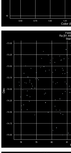


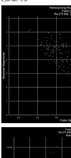
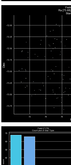
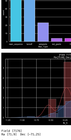
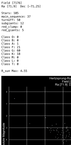
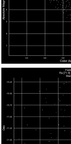
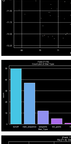
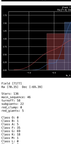
Field 23763:
Ra [0.00, 0.00] Dec [-0.04,.02]

Nsrc: 457
mean_separation: 1888
nsplits: 2
subplotnum: 36
nsplits_done: 2
red_quality: 1

Class Ai: 0
Class Aii: 0
Class Bi: 0
Class Bii: 0
Class Ci: 0
Class Cii: 128
Class Di: 0
Class Dii: 0
Class Ei: 0
Class Eii: 0

m_cut Nsrc: 5.15

Field 23763:
Ra [0.00, 0.00] Dec [-0.04,.02]

Nsrc: 457
mean_separation: 1888
nsplits: 2
subplotnum: 36
nsplits_done: 2
red_quality: 1

Class Ai: 0
Class Aii: 0
Class Bi: 0
Class Bii: 0
Class Ci: 0
Class Cii: 128
Class Di: 0
Class Dii: 0
Class Ei: 0
Class Eii: 0

m_cut Nsrc: 10.00

Field 23763:
Ra [0.00, 0.00] Dec [-0.04,.02]

Nsrc: 457
mean_separation: 1888
nsplits: 2
subplotnum: 36
nsplits_done: 2
red_quality: 1

Class Ai: 0
Class Aii: 0
Class Bi: 0
Class Bii: 0
Class Ci: 0
Class Cii: 128
Class Di: 0
Class Dii: 0
Class Ei: 0
Class Eii: 0

m_cut Nsrc: 20.00

Field 23763:
Ra [0.00, 0.00] Dec [-0.04,.02]

Nsrc: 457
mean_separation: 1888
nsplits: 2
subplotnum: 36
nsplits_done: 2
red_quality: 1

Class Ai: 0
Class Aii: 0
Class Bi: 0
Class Bii: 0
Class Ci: 0
Class Cii: 128
Class Di: 0
Class Dii: 0
Class Ei: 0
Class Eii: 0

m_cut Nsrc: 5.15

Field 23763:
Ra [0.00, 0.00] Dec [-0.04,.02]

Nsrc: 457
mean_separation: 1888
nsplits: 2
subplotnum: 36
nsplits_done: 2
red_quality: 1

Class Ai: 0
Class Aii: 0
Class Bi: 0
Class Bii: 0
Class Ci: 0
Class Cii: 128
Class Di: 0
Class Dii: 0
Class Ei: 0
Class Eii: 0

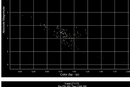
m_cut Nsrc: 5.15

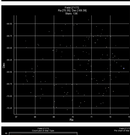
Field 23763:
Ra [0.00, 0.00] Dec [-0.04,.02]

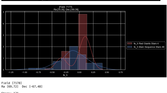
Nsrc: 457
mean_separation: 1888
nsplits: 2
subplotnum: 36
nsplits_done: 2
red_quality: 1

Class Ai: 0
Class Aii: 0
Class Bi: 0
Class Bii: 0
Class Ci: 0
Class Cii: 128
Class Di: 0
Class Dii: 0
Class Ei: 0
Class Eii: 0

m_cut Nsrc: 20.24





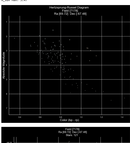


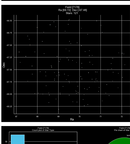
Fold [5/10]
Mu [88.5] Sd [7.87]

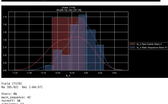
Stats: [2]
hidden_layers: [6]
hunits: [7]
hactivation: [1]
rmsf_index: 0
rmsf_value: 0

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

e_cor Max: 5.47





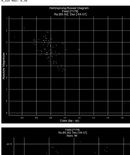


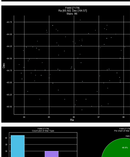
Fold [6/10]
Mu [88.95] Sd [4.57]

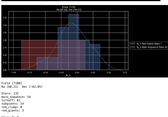
Stats: [2]
hidden_layers: [6]
hunits: [8]
hactivation: [1]
rmsf_index: 0
rmsf_value: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0.48
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0

e_cor Max: 5.35





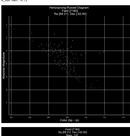


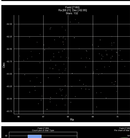
Fold [7/10]
Mu [89.4] Sd [2.85]

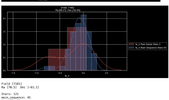
Stats: [2]
hidden_layers: [6]
hunits: [9]
hactivation: [1]
rmsf_index: 0
rmsf_value: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0.38
Class 5: 0
Class 6: 0
Class 7: 0

e_cor Max: 4.75





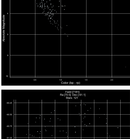


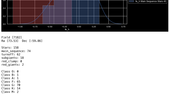
Fold [8/10]
Mu [89.6] Sd [1.61]

Stats: [2]
hidden_layers: [6]
hunits: [10]
hactivation: [1]
rmsf_index: 0
rmsf_value: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0.32
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0

e_cor Max: 5.37



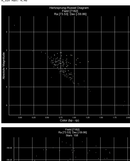


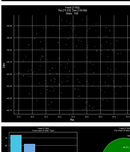
Fold [9/10]
Mu [90.2] Sd [2.04]

Stats: [2]
hidden_layers: [6]
hunits: [11]
hactivation: [1]
rmsf_index: 0
rmsf_value: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0.48
Class 7: 0

e_cor Max: 4.48



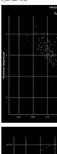


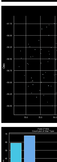
Field [100]
Mu [0.00] Sig [0.08,0.08]

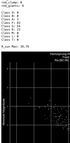
Nparm: 300
mean_separation: 50
sigma_sep: 5
subgroupsize: 20
subgroupnum: 50
rand_gaussian: 0

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

N_cut Nmax: 2.00





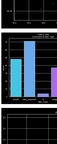


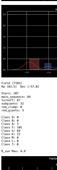
Field [100]
Mu [0.00] Sig [1.0,0.5]

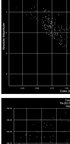
Nparm: 300
mean_separation: 75
sigma_sep: 5
subgroupsize: 20
subgroupnum: 50
rand_gaussian: 0

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

N_cut Nmax: 20.70





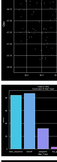


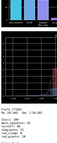
Field [100]
Mu [0.00] Sig [1.0,1.0]

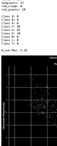
Nparm: 300
mean_separation: 50
sigma_sep: 5
subgroupsize: 20
subgroupnum: 50
rand_gaussian: 0

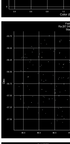
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
Class 7: 0

N_cut Nmax: 4.0







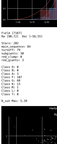


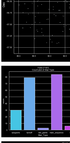
Field [100]
Mu [0.00] Sig [2.0,0.5]

Nparm: 300
mean_separation: 75
sigma_sep: 5
subgroupsize: 20
subgroupnum: 50
rand_gaussian: 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

N_cut Nmax: 20.70



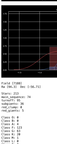


Field [100]
Mu [0.00] Sig [2.0,2.0]

Nparm: 300
mean_separation: 50
sigma_sep: 5
subgroupsize: 20
subgroupnum: 50
rand_gaussian: 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

N_cut Nmax: 5.38

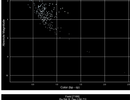


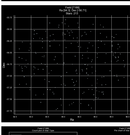
Field [100]
Mu [0.00, 2] Sig [1.0,0.5]

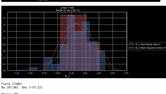
Nparm: 300
mean_separation: 75
sigma_sep: 5
subgroupsize: 20
subgroupnum: 50
rand_gaussian: 0

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

N_cut Nmax: 6.07





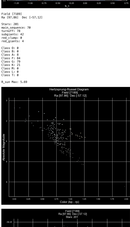


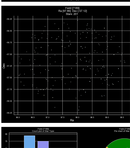
Field 27000
Mw 100.002 Dmz 0:00.520

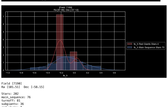
Shots: 280
Neutrons: 56 20%
Gamma: 112 40%
Other: 112 40%
Cmd_index: 0
Cmd_type: 0

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

n_cor_max: 5.18





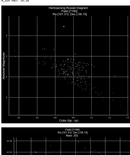


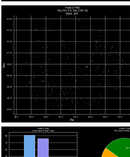
Field 27100
Mw 100.003 Dmz 0:00.520

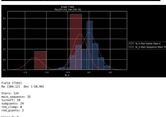
Shots: 280
Neutrons: 56 20%
Gamma: 112 40%
Other: 112 40%
Cmd_index: 0
Cmd_type: 0

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

n_cor_max: 35.58





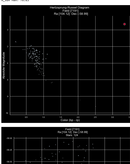


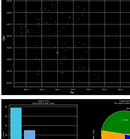
Field 27200
Mw 100.004 Dmz 2:58.352

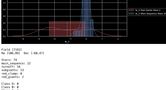
Shots: 320
Neutrons: 64 20%
Gamma: 128 40%
Other: 128 40%
Cmd_index: 0
Cmd_type: 0

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

n_cor_max: 76.42





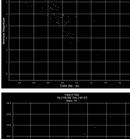


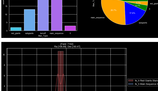
Field 27300
Mw 100.005 Dmz 5:00.472

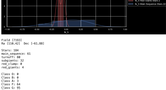
Shots: 320
Neutrons: 64 20%
Gamma: 128 40%
Other: 128 40%
Cmd_index: 0
Cmd_type: 0

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

n_cor_max: 5.74





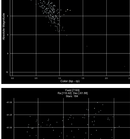


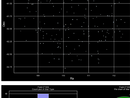
Field 27400
Mw 100.006 Dmz 5:00.380

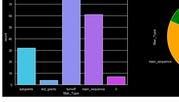
Shots: 280
Neutrons: 56 20%
Gamma: 112 40%
Other: 112 40%
Cmd_index: 0
Cmd_type: 0

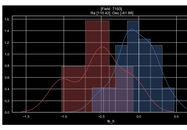
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0

n_cor_max: 5.32

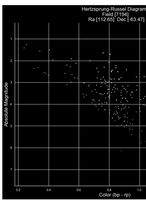


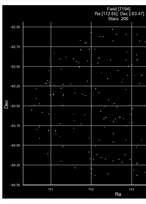


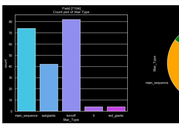


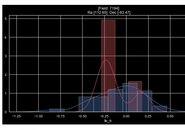



```
Field [7194]
Ra [112.65]  Dec [-63.47]

Stars: 206
main_sequence: 74
turnoff: 62
subgiants: 42
red_clump: 0
red_giants: 4

Class Q: 0
Class O: 0
Class A: 6
Class F: 57
Class G: 109
Class K: 23
Class M: 0
Class L: 0
Class T: 0

R_sum Max: 5.63
```

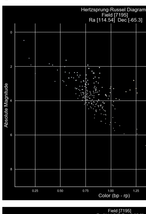


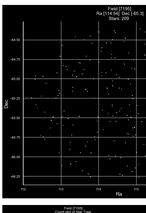


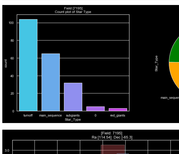


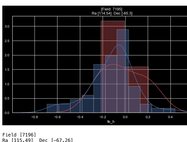



```
Field [7195]
Ra [114.56]  Dec [-65.3]

Stars: 209
main_sequence: 65
turnoff: 62
subgiants: 32
red_clump: 0
red_giants: 3

Class Q: 0
Class O: 0
Class A: 4
Class F: 78
Class G: 97
Class K: 18
Class M: 0
Class L: 0
Class T: 0

R_sum Max: 5.22
```

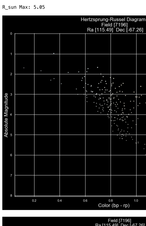


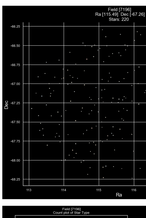


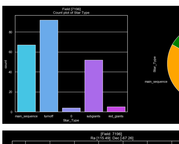


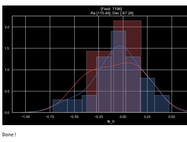



```
Field [7196]
Ra [115.49]  Dec [-67.26]

Stars: 220
main_sequence: 67
turnoff: 62
subgiants: 52
red_clump: 0
red_giants: 5

Class Q: 0
Class O: 0
Class A: 5
Class F: 67
Class G: 133
Class K: 13
Class M: 0
Class L: 0
Class T: 0

R_sum Max: 5.05
```









Done!

[12]: