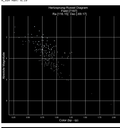
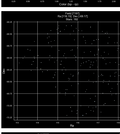
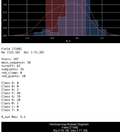
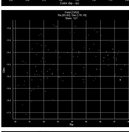
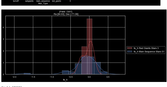
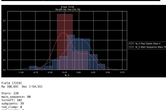
```
Python 3.7.8 (default, Jun 24 2020, 07:20:10)
[GCC 4.2.1 Compatible Apple LLVM 9.1.0 (clang)] on darwin. Type help, copyright, credits or license for information.

IPython 7.13.0 -- An enhanced Interactive Python.

In [1]: runfile('/Users/josephbaranoski/GALAXY ML/Fields.py', wdir='/Users/josephbaranoski')
/Users/josephbaranoski/opt/anaconda3/bin/spyder
Loading Fields Data
Other functions loaded

Step 000

Step 001

Step 002 Fields Added Done!

Step 003

Step 004 Print Fields.

Step 005 Print Columns

Field 27000
Mw [10.22] Dec [-100.57]

Shape: (2000, 10)
mag_sequence: 60
mag_error: 0
magnitude: 30
mag_count: 0
red_period: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 30
Class 5: 30
Class 6: 0
Class 7: 0
Class 8: 0

m_ext Mean: 0.01







Mw [10.22] Dec [-100.57]
Mag
Phase
Mw [10.22] Dec [-100.57]
Mw [10.22] Dec [-100.57]
Mw [10.22] Dec [-100.57]
```

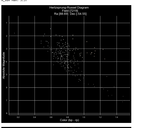


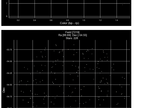
Classification Error
Classification Error Distribution
Class 0
Class 1
Class 2
Class 3
Class 4
Class 5
Class 6
Class 7
Class 8
Class 9
Class 10
Class 11
Class 12
Class 13
Class 14
Class 15
Class 16
Class 17
Class 18
Class 19
Class

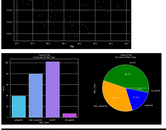

Fold 17480
Mn [0.00] Dev [1.06.00]
Mean [0]
Mean_separation [0]
Sep_index [0]
Subgroups: 31
Sigma [1.06]
Cap_index: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 31
Class F: 31
Class G: 31
Class H: 31
Class I: 31
Class J: 31
A_cpk Max: [0.31]
Fold 17480
Mn [0.00] Dev [1.06.00]
Mean [0]
Mean_separation [0]
Sep_index [0]
Subgroups: 31
Sigma [1.06]
Cap_index: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
Class J: 0
A_cpk Max: 0.31
Fold 17480
Mn [0.00] Dev [1.03.00]
Mean [0]
Mean_separation [0]
Sep_index [0]
Subgroups: 31
Sigma [1.03]
Cap_index: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
Class J: 0
A_cpk Max: 0.31
Fold 17480
Mn [0.00] Dev [1.03.00]
Mean [0]
Mean_separation [0]
Sep_index [0]
Subgroups: 31
Sigma [1.03]
Cap_index: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
Class J: 0
A_cpk Max: 0.31
Fold 17480
Mn [0.00] Dev [1.03.00]
Mean [0]
Mean_separation [0]
Sep_index [0]
Subgroups: 31
Sigma [1.03]
Cap_index: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
Class J: 0
A_cpk Max: 0.31
Fold 17480
Mn [0.00] Dev [1.03.00]
Mean [0]
Mean_separation [0]
Sep_index [0]
Subgroups: 31
Sigma [1.03]
Cap_index: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
Class J: 0
A_cpk Max: 0.31
Fold 17480
Mn [0.00] Dev [1.03.00]
Mean [0]
Mean_separation [0]
Sep_index [0]
Subgroups: 31
Sigma [1.03]
Cap_index: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
Class J: 0
A_cpk Max: 0.31
Fold 17480
Mn [0.00] Dev [1.03.00]
Mean [0]
Mean_separation [0]
Sep_index [0]
Subgroups: 31
Sigma [1.03]
Cap_index: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
Class J: 0
A_cpk Max: 0.31
Fold 17480
Mn [0.00] Dev [1.03.00]
Mean [0]
Mean_separation [0]
Sep_index [0]
Subgroups: 31
Sigma [1.03]
Cap_index: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
Class J: 0
A_cpk Max: 0.31
Fold 17480
Mn [0.00] Dev [1.03.00]
Mean [0]
Mean_separation [0]
Sep_index [0]
Subgroups: 31
Sigma [1.03]
Cap_index: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
Class J: 0
A_cpk Max: 0.31
Fold 17480
Mn [0.00] Dev [1.03.00]
Mean [0]
Mean_separation [0]
Sep_index [0]
Subgroups: 31
Sigma [1.03]
Cap_index: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
Class J: 0
A_cpk Max: 0.31
Fold 17480
Mn [0.00] Dev [1.03.00]
Mean [0]
Mean_separation [0]
Sep_index [0]
Subgroups: 31
Sigma [1.03]
Cap_index: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
Class J: 0
A_cpk Max: 0.31

Class Distribution
Class Distribution
Class Accuracy
Class Accuracy
Class Precision
Class Precision
Class Recall
Class Recall
Class F1
Class F1
Class AUC
Class AUC
Class Kappa
Class Kappa
Class MCC
Class MCC
Class PRC
Class PRC
Class ROC
Class ROC
Class Mean Absolute Error
Class Mean Absolute Error
Class Root Mean Squared Error
Class Root Mean Squared Error
Class Relative Absolute Error
Class Relative Absolute Error
Class Root Relative Squared Error
Class Root Relative Squared Error
Class Total Number of Instances
Class Total Number of Instances
Class Weighted Avg.
Class Weighted Avg.
Class Unweighted Avg.
Class Unweighted Avg.
Class Standard Deviation
Class Standard Deviation
Class Kappa Statistic
Class Kappa Statistic


Field 2[0]
Mr 08.01 Dec [-56.02]
Matrix: 2DM
main_sequence: 0B
hydrogen: 3L
subgiants: 3L
red_giants: 3L
red_giants: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
A_cut_Max: 5.57
Histogram Mutual Magnitude
Mu 08.01 Dec [-56.0]
Mutual Magnitude
Count Max: 60
Mu 08.01 Dec [-56.0]
Mutual Mag
Count Max: 60
Count of Field Lens
Lens Distribution Pie Chart
Lens Distribution
Mu 08.01 Dec [-56.0]
Mutual Mag
Count Max: 60
No_Lens
Lens_Single
Lens_Multiple
Lens_Binary
Lens_Triple
Lens_Quadrupole
Lens_Other
Lens_Unknown
Lens_Other_Stellar
Lens_Other_Planetary
No_Field_Data_Count
Field_Other_Stellar_Count

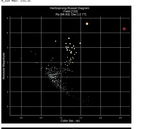

Field 2[0]
Mr 08.02 Dec [-0.07]
Matrix: 2DM
main_sequence: 1B4
hydrogen: 3L
subgiants: 3L
red_giants: 3L
red_giants: 0B
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 1B
Class G: 1B
Class H: 0
Class I: 0
A_cut_Max: 5.5L
Histogram Mutual Magnitude
Mu 08.02 Dec [-0.0]
Mutual Magnitude
Count Max: 60
Mu 08.02 Dec [-0.07]
Mutual Mag
Count Max: 60
Count of Field Lens
Lens Distribution Pie Chart
Lens Distribution
Mu 08.02 Dec [-0.07]
Mutual Mag
Count Max: 60
No_Lens
Lens_Single
Lens_Multiple
Lens_Binary
Lens_Triple
Lens_Quadrupole
Lens_Other
Lens_Unknown
Lens_Other_Stellar
Lens_Other_Planetary
No_Field_Data_Count
Field_Other_Stellar_Count


Field 2[0]
Mr 08.03 Dec [-0.15]
Matrix: 2DM
main_sequence: 3B4
hydrogen: 3L
subgiants: 3L
red_giants: 3L
red_giants: 0B
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 1B
Class G: 1B
Class H: 0
Class I: 0
A_cut_Max: 5L.5L
Histogram Mutual Magnitude
Mu 08.03 Dec [-0.1]
Mutual Magnitude
Count Max: 60
Mu 08.03 Dec [-0.15]
Mutual Mag
Count Max: 60
Count of Field Lens
Lens Distribution Pie Chart
Lens Distribution
Mu 08.03 Dec [-0.15]
Mutual Mag
Count Max: 60
No_Lens
Lens_Single
Lens_Multiple
Lens_Binary
Lens_Triple
Lens_Quadrupole
Lens_Other
Lens_Unknown
Lens_Other_Stellar
Lens_Other_Planetary
No_Field_Data_Count
Field_Other_Stellar_Count


Field 2[0]
Mr 08.04 Dec [-0.21]
Matrix: 2DM
main_sequence: 6B
hydrogen: 3L
subgiants: 3L
red_giants: 3L
red_giants: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0B
Class G: 0B
Class H: 0
Class I: 0
A_cut_Max: 6.7L
Histogram Mutual Magnitude
Mu 08.04 Dec [-0.2]
Mutual Magnitude
Count Max: 60
Mu 08.04 Dec [-0.21]
Mutual Mag
Count Max: 60
Count of Field Lens
Lens Distribution Pie Chart
Lens Distribution
Mu 08.04 Dec [-0.21]
Mutual Mag
Count Max: 60
No_Lens
Lens_Single
Lens_Multiple
Lens_Binary
Lens_Triple
Lens_Quadrupole
Lens_Other
Lens_Unknown
Lens_Other_Stellar
Lens_Other_Planetary
No_Field_Data_Count
Field_Other_Stellar_Count

Field 2[0]
Mr 08.05 Dec [-0.04]
Matrix: 2DM
main_sequence: 6B
hydrogen: 3L
subgiants: 3L
red_giants: 3L
red_giants: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
A_cut_Max: 5.5L
Histogram Mutual Magnitude
Mu 08.05 Dec [-0.0]
Mutual Magnitude
Count Max: 60
Mu 08.05 Dec [-0.04]
Mutual Mag
Count Max: 60
Count of Field Lens
Lens Distribution Pie Chart
Lens Distribution
Mu 08.05 Dec [-0.04]
Mutual Mag
Count Max: 60
No_Lens
Lens_Single
Lens_Multiple
Lens_Binary
Lens_Triple
Lens_Quadrupole
Lens_Other
Lens_Unknown
Lens_Other_Stellar
Lens_Other_Planetary
No_Field_Data_Count
Field_Other_Stellar_Count

Field 2[0]
Mr 08.06 Dec [-0.06]
Matrix: 2DM
main_sequence: 6B
hydrogen: 3L
subgiants: 3L
red_giants: 3L
red_giants: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
A_cut_Max: 5.5L
Histogram Mutual Magnitude
Mu 08.06 Dec [-0.0]
Mutual Magnitude
Count Max: 60
Mu 08.06 Dec [-0.06]
Mutual Mag
Count Max: 60
Count of Field Lens
Lens Distribution Pie Chart
Lens Distribution
Mu 08.06 Dec [-0.06]
Mutual Mag
Count Max: 60
No_Lens
Lens_Single
Lens_Multiple
Lens_Binary
Lens_Triple
Lens_Quadrupole
Lens_Other
Lens_Unknown
Lens_Other_Stellar
Lens_Other_Planetary
No_Field_Data_Count
Field_Other_Stellar_Count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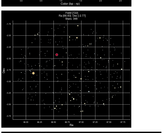
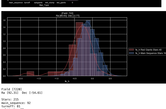
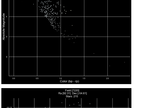
Mr 08.07 Dec [-0.06]
Matrix: 2DM
main_sequence: 7B
hydrogen: 3L
subgiants: 3L
red_giants: 3L
red_giants: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
A_cut_Max: 5.5L
Histogram Mutual Magnitude
Mu 08.07 Dec [-0.0]
Mutual Magnitude
Count Max: 60
Mu 08.07 Dec [-0.06]
Mutual Mag
Count Max: 60
Count of Field Lens
Lens Distribution Pie Chart
Lens Distribution
Mu 08.07 Dec [-0.06]
Mutual Mag
Count Max: 60
No_Lens
Lens_Single
Lens_Multiple
Lens_Binary
Lens_Triple
Lens_Quadrupole
Lens_Other
Lens_Unknown
Lens_Other_Stellar
Lens_Other_Planetary
No_Field_Data_Count
Field_Other_Stellar_Count

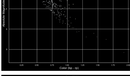

Field 2[0]
Mr 08.08 Dec [-0.06]
Matrix: 2DM
main_sequence: 7B
hydrogen: 3L
subgiants: 3L
red_giants: 3L
red_giants: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
A_cut_Max: 5.5L
Histogram Mutual Magnitude
Mu 08.08 Dec [-0.0]
Mutual Magnitude
Count Max: 60
Mu 08.08 Dec [-0.06]
Mutual Mag
Count Max: 60
Count of Field Lens
Lens Distribution Pie Chart
Lens Distribution
Mu 08.08 Dec [-0.06]
Mutual Mag
Count Max: 60
No_Lens
Lens_Single
Lens_Multiple
Lens_Binary
Lens_Triple
Lens_Quadrupole
Lens_Other
Lens_Unknown
Lens_Other_Stellar
Lens_Other_Planetary
No_Field_Data_Count
Field_Other_Stellar_Count

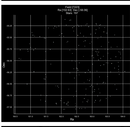
Field 2[0]
Mr 08.09 Dec [-0.06]
Matrix: 2DM
main_sequence: 7B
hydrogen: 3L
subgiants: 3L
red_giants: 3L
red_giants: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
A_cut_Max: 5.5L
Histogram Mutual Magnitude
Mu 08.09 Dec [-0.0]
Mutual Magnitude
Count Max: 60
Mu 08.09 Dec [-0.06]
Mutual Mag
Count Max: 60
Count of Field Lens
Lens Distribution Pie Chart
Lens Distribution
Mu 08.09 Dec [-0.06]
Mutual Mag
Count Max: 60
No_Lens
Lens_Single
Lens_Multiple
Lens_Binary
Lens_Triple
Lens_Quadrupole
Lens_Other
Lens_Unknown
Lens_Other_Stellar
Lens_Other_Planetary
No_Field_Data_Count
Field_Other_Stellar_Count

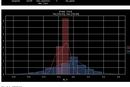

Field 2[0]
Mr 08.10 Dec [-0.06]
Matrix: 2DM
main_sequence: 7B
hydrogen: 3L
subgiants: 3L
red_giants: 3L
red_giants: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
A_cut_Max: 5.5L
Histogram Mutual Magnitude
Mu 08.10 Dec [-0.0]
Mutual Magnitude
Count Max: 60
Mu 08.10 Dec [-0.06]
Mutual Mag
Count Max: 60
Count of Field Lens
Lens Distribution Pie Chart
Lens Distribution
Mu 08.10 Dec [-0.06]
Mutual Mag
Count Max: 60
No_Lens
Lens_Single
Lens_Multiple
Lens_Binary
Lens_Triple
Lens_Quadrupole
Lens_Other
Lens_Unknown
Lens_Other_Stellar
Lens_Other_Planetary
No_Field_Data_Count
Field_Other_Stellar_Count

Field 2[0]
Mr 08.11 Dec [-0.06]
Matrix: 2DM
main_sequence: 7B
hydrogen: 3L
subgiants: 3L
red_giants: 3L
red_giants: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
A_cut_Max: 5.5L
Histogram Mutual Magnitude
Mu 08.11 Dec [-0.0]
Mutual Magnitude
Count Max: 60
Mu 08.11 Dec [-0.06]
Mutual Mag
Count Max: 60
Count of Field Lens
Lens Distribution Pie Chart
Lens Distribution
Mu 08.11 Dec [-0.06]
Mutual Mag
Count Max: 60
No_Lens
Lens_Single
Lens_Multiple
Lens_Binary
Lens_Triple
Lens_Quadrupole
Lens_Other
Lens_Unknown
Lens_Other_Stellar
Lens_Other_Planetary
No_Field_Data_Count
Field_Other_Stellar_Count


Field 2[0]
Mr 08.12 Dec [-0.06]
Matrix: 2DM
main_sequence: 7B
hydrogen: 3L
subgiants: 3L
red_giants: 3L
red_giants: 0
Class A: 0
Class B: 0
Class C: 0
Class D: 0
Class E: 0
Class F: 0
Class G: 0
Class H: 0
Class I: 0
A_cut_Max: 5.5L
Histogram Mutual Magnitude
Mu 08.12 Dec [-0.0]
Mutual Magnitude
Count Max: 60
Mu 08.12 Dec [-0.06]
Mutual Mag
Count Max: 60
Count of Field Lens
Lens Distribution Pie Chart
Lens Distribution
Mu 08.12 Dec [-0.06]
Mutual Mag
Count Max: 60
No_Lens
Lens_Single
Lens_Multiple
Lens_Binary
Lens_Triple
Lens_Quadrupole
Lens_Other
Lens_Unknown
Lens_Other_Stellar
Lens_Other_Planetary
No_Field_Data_Count
Field_Other_Stellar_Count



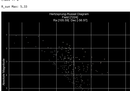


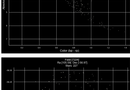


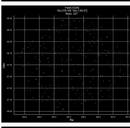
Fold 15200
Mr [245.04] Dec [-56.57]

Nparm: 1007
nsample: 1000000 [1]
ncut: 1000000 [1]
nsample: 1000
ncut_cumulative: 1000
Class 01: 0
Class 02: 0
Class 03: 0
Class 04: 0
Class 05: 0
Class 06: 0
Class 07: 0
Class 08: 0
Class 09: 0
Class 10: 0
Class 11: 0
Class 12: 0

m_cut Max: 5.21



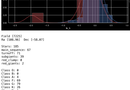


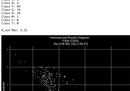


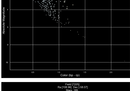
Fold 15201
Mr [180.04] Dec [-58.87]

Nparm: 1001
nsample: 1000000 [1]
ncut: 1000000 [1]
nsample: 1000
ncut_cumulative: 1000
Class 01: 0
Class 02: 0
Class 03: 0
Class 04: 0
Class 05: 0
Class 06: 0
Class 07: 0
Class 08: 0
Class 09: 0
Class 10: 0
Class 11: 0
Class 12: 0

m_cut Max: 5.12



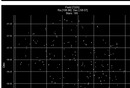


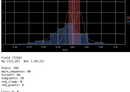


Fold 15202
Mr [180.04] Dec [-56.05]

Nparm: 1001
nsample: 1000000 [1]
ncut: 1000000 [1]
nsample: 1000
ncut_cumulative: 1000
Class 01: 0
Class 02: 0
Class 03: 0
Class 04: 0
Class 05: 0
Class 06: 0
Class 07: 0
Class 08: 0
Class 09: 0
Class 10: 0
Class 11: 0
Class 12: 0

m_cut Max: 5.07

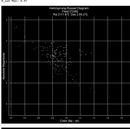


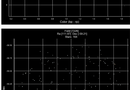


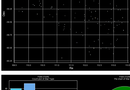
Fold 15203
Mr [180.04] Dec [-58.96]

Nparm: 1001
nsample: 1000000 [1]
ncut: 1000000 [1]
nsample: 1000
ncut_cumulative: 1000
Class 01: 0
Class 02: 0
Class 03: 0
Class 04: 0
Class 05: 0
Class 06: 0
Class 07: 0
Class 08: 0
Class 09: 0
Class 10: 0
Class 11: 0
Class 12: 0

m_cut Max: 4.87



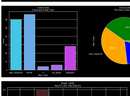


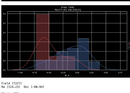


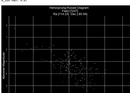
Fold 15204
Mr [180.04] Dec [-58.96]

Nparm: 1001
nsample: 1000000 [1]
ncut: 1000000 [1]
nsample: 1000
ncut_cumulative: 1000
Class 01: 0
Class 02: 0
Class 03: 0
Class 04: 0
Class 05: 0
Class 06: 0
Class 07: 0
Class 08: 0
Class 09: 0
Class 10: 0
Class 11: 0
Class 12: 0

m_cut Max: 4.87



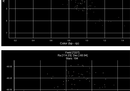


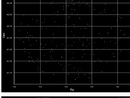


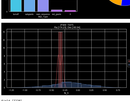
Fold 15205
Mr [180.04] Dec [-62.57]

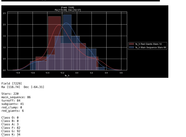
Nparm: 1001
nsample: 1000000 [1]
ncut: 1000000 [1]
nsample: 1000
ncut_cumulative: 1000
Class 01: 0
Class 02: 0
Class 03: 0
Class 04: 0
Class 05: 0
Class 06: 0
Class 07: 0
Class 08: 0
Class 09: 0
Class 10: 0
Class 11: 0
Class 12: 0

m_cut Max: 4.46





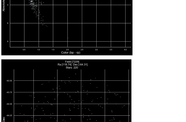


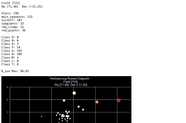


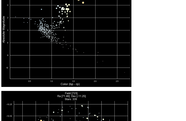
Field 27200
Ra [18:00] Dec [-2.0,32]

Starts: 238
mean_separation: 86
sigma: 0.0
subpixels: 25
rms_fit: 0.0
rms_pixels: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 52
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
N_cut Rms: [48,52]



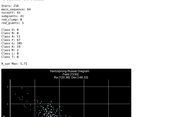


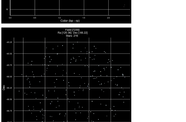


Field 27300
Ra [18:00] Dec [-10.0,20]

Starts: 238
mean_separation: 110
sigma: 0.0
subpixels: 25
rms_fit: 0.0
rms_pixels: 36

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 140
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
N_cut Rms: [96,0]

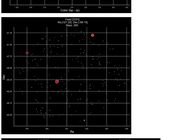


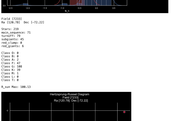


Field 27400
Ra [18:00] Dec [-18.0,12]

Starts: 238
mean_separation: 88
sigma: 0.0
subpixels: 25
rms_fit: 0.0
rms_pixels: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 148
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
N_cut Rms: 0,0

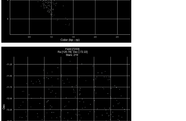


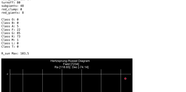


Field 27500
Ra [18:00] Dec [-28.0,4]

Starts: 238
mean_separation: 78
sigma: 0.0
subpixels: 25
rms_fit: 0.0
rms_pixels: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 136
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
N_cut Rms: 296,0





Field 27600
Ra [18:00] Dec [-36.0,-4]

Starts: 238
mean_separation: 50
sigma: 0.0
subpixels: 25
rms_fit: 0.0
rms_pixels: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 148
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
N_cut Rms: 280,0

Field 27700
Ra [18:00] Dec [-44.0,-12]

Starts: 238
mean_separation: 50
sigma: 0.0
subpixels: 25
rms_fit: 0.0
rms_pixels: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 148
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
N_cut Rms: 280,0

Field 27800
Ra [18:00] Dec [-52.0,-20]

Starts: 238
mean_separation: 50
sigma: 0.0
subpixels: 25
rms_fit: 0.0
rms_pixels: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 148
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
N_cut Rms: 280,0

Field 27900
Ra [18:00] Dec [-60.0,-28]

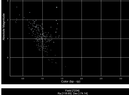
Starts: 238
mean_separation: 50
sigma: 0.0
subpixels: 25
rms_fit: 0.0
rms_pixels: 0

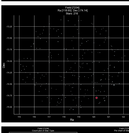
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 148
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
N_cut Rms: 280,0

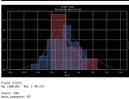
Field 28000
Ra [18:00] Dec [-68.0,-36]

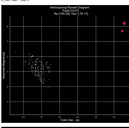
Starts: 238
mean_separation: 50
sigma: 0.0
subpixels: 25
rms_fit: 0.0
rms_pixels: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 148
Class 5: 0
Class 6: 0
Class 7: 0
Class 8: 0
N_cut Rms: 280,0







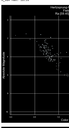

Prediction Error Scatter Plot
Mean: 0.000
Std Dev: 0.000
Correlation: 0.000
Sample Size: 1000
Error Range

Fold [1/10]
Mu [10.00] Ser [-10.00]

Depth: 128
mcts_simulations: 80
mcts_weight: 0
subgoaling: 0
use_gradnorm: 0
reg_gradnorm: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 12
Class 5: 12
Class 6: 0
Class 7: 0
Class 8: 0
Class 9: 0

H_net Mean: 34.58



Fold [2/10]
Mu [-10.00] Ser [-180.0]

Depth: 128
mcts_simulations: 50
subgoaling: 0
use_gradnorm: 0
reg_gradnorm: 0

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

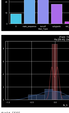
H_net Mean: 5.42

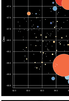
Fold [3/10]
Mu [40.00] Ser [-40.00]

Depth: 256
mcts_simulations: 40
subgoaling: 0
use_gradnorm: 0
reg_gradnorm: 0

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

H_net Mean: 1024.0



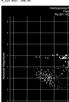


Fold [4/10]
Mu [-20.00] Ser [-20.00]

Depth: 128
mcts_simulations: 585
subgoaling: 0
use_gradnorm: 0
reg_gradnorm: 0

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

H_net Mean: 246.40

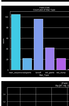


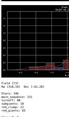
Fold [5/10]
Mu [10.00] Ser [-10.00]

Depth: 128
mcts_simulations: 153
subgoaling: 0
use_gradnorm: 0
reg_gradnorm: 0

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

H_net Mean: 128.07



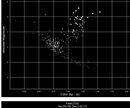


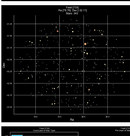
Fold [6/10]
Mu [0.00] Ser [-10.00]

Depth: 128
mcts_simulations: 160
subgoaling: 0
use_gradnorm: 0
reg_gradnorm: 0

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

H_net Mean: 99.84





Classification Percent Complete
Total Classifications
Classification Count
Classification Count
Classification Count

Field Items
Mx (15,0): Max (10,52)

Depth: 20
max_separation: 2
maxdepth: 2
subgraphs: 1
leaf_count: 3
leaf_depth: 1

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Class Aj: 0
Class Ak: 0
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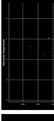
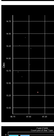
Class Rh: 0
Class Ri: 0
Class Rj: 0
Class Rk: 0
Class Rl: 0
Class Rm: 0
Class Rn: 0
Class Ro: 0
Class Rp: 0
Class Rq: 0
Class Rr: 0
Class Rs: 0
Class Rt: 0
Class Ru: 0
Class Rv: 0
Class Rw: 0
Class Rx: 0
Class Ry: 0
Class Rz: 0
Class Sa: 0
Class Sb: 0
Class Sc: 0
Class Sd: 0
Class Se: 0
Class Sf: 0
Class Sg: 0
Class Sh: 0
Class Si: 0
Class Sj: 0
Class Sk: 0
Class Sl: 0
Class Sm: 0
Class Sn: 0
Class So: 0
Class Sp: 0
Class Sq: 0
Class Sr: 0
Class Ss: 0
Class St: 0
Class Su: 0
Class Sv: 0
Class Sw: 0
Class Sx: 0
Class Sy: 0
Class Sz: 0
Class Ta: 0
Class Tb: 0
Class Tc: 0
Class Td: 0
Class Te: 0
Class Tf: 0
Class Tg: 0
Class Th: 0
Class Ti: 0
Class Tj: 0
Class Tk: 0
Class Tl: 0
Class Tm: 0
Class Tn: 0
Class To: 0
Class Tp: 0
Class Tq: 0
Class Tr: 0
Class Ts: 0
Class Tt: 0
Class Tu: 0
Class Tv: 0
Class Tw: 0
Class Tx: 0
Class Ty: 0
Class Tz: 0
Class Ua: 0
Class Ub: 0
Class Uc: 0
Class Ud: 0
Class Ue: 0
Class Uf: 0
Class Ug: 0
Class Uh: 0
Class Ui: 0
Class Uj: 0
Class Uk: 0
Class Ul: 0
Class Um: 0
Class Un: 0
Class Uo: 0
Class Up: 0
Class Uq: 0
Class Ur: 0
Class Us: 0
Class Ut: 0
Class Uu: 0
Class Uv: 0
Class Uw: 0
Class Ux: 0
Class Uy: 0
Class Uz: 0
Class Va: 0
Class Vb: 0
Class Vc: 0
Class Vd: 0
Class Ve: 0
Class Vf: 0

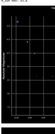


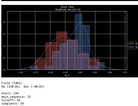


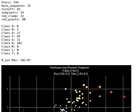
Field Stars Mag.
Field Stars Mag. Count
Field Stars Mag. Count
Field Stars Mag. Count

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

k_cut Max: 4.0


Cluster Map - 100
Cluster Map - 100
Cluster Map - 100



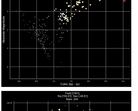


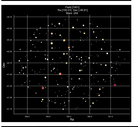
Field [TMS]
Mu [1.0]: Sec [-0.00,0]

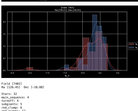
Shape: [64]
hash_properties: [3]
hashbit: 64
seed_offset: 0
seed_index: 37
seed_value: 0

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

m_sum Max: -90.87





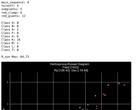


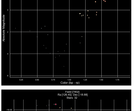
Field [TMS]
Mu [120.0]: Sec [-0.00,0]

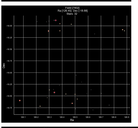
Shape: [64]
hash_properties: [3]
hashbit: 64
seed_offset: 0
seed_index: 37
seed_value: 0

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

m_sum Max: [13.3]





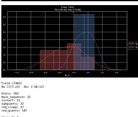


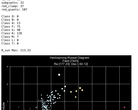
Field [TMS]
Mu [117.0]: Sec [-0.00,0]

Shape: [64]
hash_properties: [3]
hashbit: 64
seed_offset: 0
seed_index: 37
seed_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
Class 8: 0
Class 9: 0

m_sum Max: [13.3]



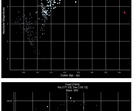


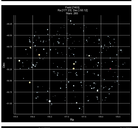
Field [TMS]
Mu [-0.00]: Sec [-0.00,0]

Shape: [64]
hash_properties: 3
hashbit: 64
seed_offset: 0
seed_index: 37
seed_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
Class 8: 0
Class 9: 0

m_sum Max: -[0.5]



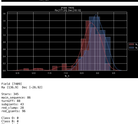


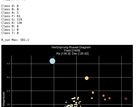
Field [TMS]
Mu [-0.00]: Sec [-0.00,0]

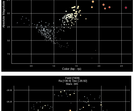
Shape: [64]
hash_properties: 3
hashbit: 64
seed_offset: 0
seed_index: 37
seed_value: 0

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

m_sum Max: [0.5]





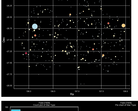


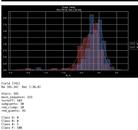
Field [TMS]
Mu [-0.00]: Sec [-0.00,0]

Shape: [64]
hash_properties: 3
hashbit: 64
seed_offset: 0
seed_index: 37
seed_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
Class 8: 0
Class 9: 0

m_sum Max: [0.5]



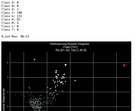


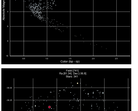
Field [TMS]
Mu [-0.00]: Sec [-0.00,0]

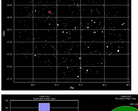
Shape: [64]
hash_properties: 3
hashbit: 64
seed_offset: 0
seed_index: 37
seed_value: 0

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

m_sum Max: [0.5]





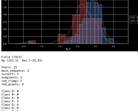


Field [TMS]
Mu [-0.00]: Sec [-0.00,0]

Shape: [64]
hash_properties: 3
hashbit: 64
seed_offset: 0
seed_index: 37
seed_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
Class 8: 0
Class 9: 0

m_sum Max: [0.5]

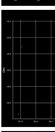


Field [TMS]
Mu [-0.00]: Sec [-0.00,0]

Shape: [64]
hash_properties: 3
hashbit: 64
seed_offset: 0
seed_index: 37
seed_value: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0

X_ave Mass: 23.00



Total Ions Per Scan
Ratio Of Ions Per Scan
Ratio Of Ions Per Scan
Total Ions Per Scan
Ratio Of Ions Per Scan
Total Ions Per Scan
Ratio Of Ions Per Scan
Total

Field 2[0]02
Ra [180.0] Dec [-38.00]

Shape: 200
hash_separator: 73
hashbits: 32
hashseed: 42
redlimit: 0
redlimit_mode: 0
Cluster Count: 4

Cluster Size: 1
Cluster Size: 2
Cluster Size: 3
Cluster Size: 4
Cluster Size: 5
Cluster Size: 6
Cluster Size: 7
Cluster Size: 8
Cluster Size: 9
Cluster Size: 10

n_cut Max: 5.45

Field 2[0]03
Ra [185.0] Dec [-48.50]

Shape: 200
hash_separator: 50
hashbits: 32
hashseed: 42
redlimit: 0
redlimit_mode: 0
Cluster Count: 4

Cluster Size: 1
Cluster Size: 2
Cluster Size: 3
Cluster Size: 4
Cluster Size: 5
Cluster Size: 6
Cluster Size: 7
Cluster Size: 8
Cluster Size: 9
Cluster Size: 10

n_cut Max: 5.88

Field 2[0]03
Ra [185.0] Dec [5.42]

Shape: 200
hash_separator: 50
hashbits: 32
hashseed: 42
redlimit: 0
redlimit_mode: 0
Cluster Count: 4

Cluster Size: 1
Cluster Size: 2
Cluster Size: 3
Cluster Size: 4
Cluster Size: 5
Cluster Size: 6
Cluster Size: 7
Cluster Size: 8
Cluster Size: 9
Cluster Size: 10

n_cut Max: 24.77

Field 2[0]03
Ra [185.0] Dec [-13.25]

Shape: 200
hash_separator: 73
hashbits: 64
hashseed: 42
redlimit: 0
redlimit_mode: 0
Cluster Count: 4

Cluster Size: 1
Cluster Size: 2
Cluster Size: 3
Cluster Size: 4
Cluster Size: 5
Cluster Size: 6
Cluster Size: 7
Cluster Size: 8
Cluster Size: 9
Cluster Size: 10

n_cut Max: 200.57

Field 2[0]03
Ra [185.0] Dec [-38.50]

Shape: 200
hash_separator: 50
hashbits: 32
hashseed: 42
redlimit: 0
redlimit_mode: 0
Cluster Count: 4

Cluster Size: 1
Cluster Size: 2
Cluster Size: 3
Cluster Size: 4
Cluster Size: 5
Cluster Size: 6
Cluster Size: 7
Cluster Size: 8
Cluster Size: 9
Cluster Size: 10

n_cut Max: 24.77

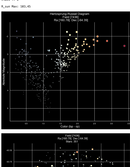
Field 2[0]03
Ra [185.0] Dec [-48.50]

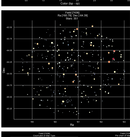
Shape: 200
hash_separator: 50
hashbits: 32
hashseed: 42
redlimit: 0
redlimit_mode: 0
Cluster Count: 4

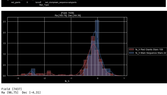
Cluster Size: 1
Cluster Size: 2
Cluster Size: 3
Cluster Size: 4
Cluster Size: 5
Cluster Size: 6
Cluster Size: 7
Cluster Size: 8
Cluster Size: 9
Cluster Size: 10

n_cut Max: 24.77

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
N_star Max: 200.00



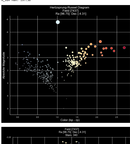


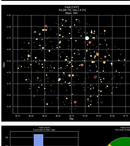


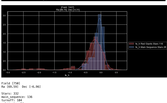
Field 1362
Mag Cut: Gmr [-4,5]

Depth: 200
mass_separator: 20
mass_cut: 0
subgiants: 0
red_giants: 0
red_giants: 127

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 127
Class 6: 0
N_star Max: 197.00



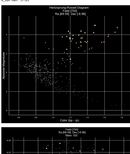


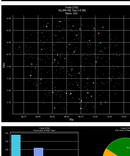


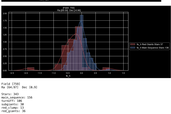
Field 1363
Mag Cut: Gmr [-6,46]

Depth: 200
mass_separator: 156
mass_cut: 0
subgiants: 0
red_giants: 0
red_giants: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
N_star Max: 27.00



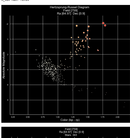


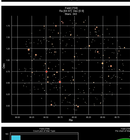


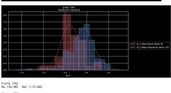
Field 1364
Mag Cut: Gmr [0,4]

Depth: 200
mass_separator: 156
mass_cut: 0
subgiants: 0
red_giants: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 188
Class 6: 0
N_star Max: 76.00



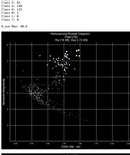


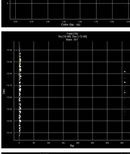


Field 1365
Mag Cut: Gmr [-10,40]

Depth: 200
mass_separator: 188
mass_cut: 0
subgiants: 0
red_giants: 0
red_giants: 67

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 118
Class 6: 0
N_star Max: 9

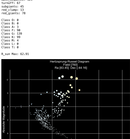


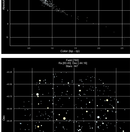


Field 1366
Mag Cut: Gmr [-11,60]

Depth: 200
mass_separator: 188
mass_cut: 0
subgiants: 0
red_giants: 0
red_giants: 67

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 118
Class 6: 0
N_star Max: 0

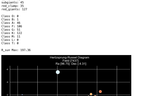




Field 1367
Mag Cut: Gmr [-14,26]

Depth: 200
mass_separator: 118
mass_cut: 0
subgiants: 0
red_giants: 0
red_giants: 0

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 0
Class 6: 0
N_star Max: 50.00



Field 1368
Mag Cut: Gmr [-15,80]

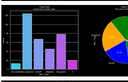
Depth: 200
mass_separator: 118
mass_cut: 0
subgiants: 0
red_giants: 0
red_giants: 67

Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 118
Class 6: 0
N_star Max: 0

Field 1369
Mag Cut: Gmr [-16,-20]

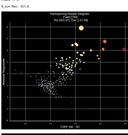
Depth: 200
mass_separator: 118
mass_cut: 0
subgiants: 0
red_giants: 0
red_giants: 0

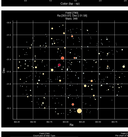
Class 0: 0
Class 1: 0
Class 2: 0
Class 3: 0
Class 4: 0
Class 5: 118
Class 6: 0
N_star Max: 50.00

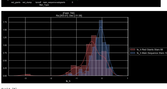

Classification
Classification Probabilities
Pie Chart
Class 0
Class 1
Class 2
Class 3
Class 4
Class 5
Class 6
Class 7
Class 8
Class 9
Class 10
Class 11
Class 12
Class 13
Class 14
Class 15
Class 16
Class 17
Class 18
Class 19
Class

Class 26: 0
Class 27: 0
Class 28: 0
Class 29: 23
Class 30: 14
Class 31: 34
Class 32: 0
Class 33: 0
Class 34: 0

K_sun Mass: 27.0





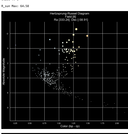


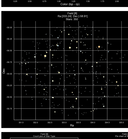
Field 2040:
Mu (Lens): Dec 1-16.042

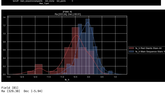
Shape: 200
mass_separation: 189
mu(LENS): 40
subgiants: 21
Mu(Lens): 40
red_giants: 40

Class 26: 0
Class 27: 0
Class 28: 0
Class 29: 16
Class 30: 16
Class 31: 16
Class 32: 16
Class 33: 16
Class 34: 16

K_sun Mass: 24.58





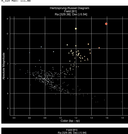


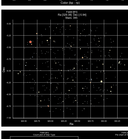
Field 2041:
Mu (Lens): Dec 1-5.941

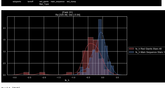
Shape: 200
mass_separation: 171
mu(LENS): 40
subgiants: 40
Mu(Lens): 40
red_giants: 40

Class 26: 0
Class 27: 0
Class 28: 0
Class 29: 40
Class 30: 40
Class 31: 119
Class 32: 0
Class 33: 0
Class 34: 0

K_sun Mass: 111.40





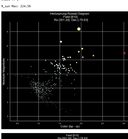


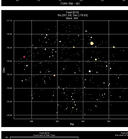
Field 2042:
Mu (Lens): Dec 1-78.042

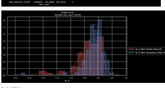
Shape: 200
mass_separation: 88
mu(LENS): 40
subgiants: 40
Mu(Lens): 40
red_giants: 40

Class 26: 0
Class 27: 0
Class 28: 0
Class 29: 40
Class 30: 40
Class 31: 40
Class 32: 0
Class 33: 0
Class 34: 0

K_sun Mass: 234.50





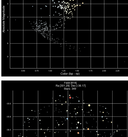


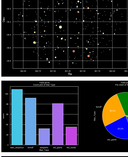
Field 2043:
Mu (Lens): Dec 2-36.025

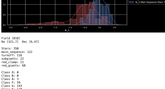
Shape: 200
mass_separation: 189
mu(LENS): 40
subgiants: 21
Mu(Lens): 40
red_giants: 40

Class 26: 0
Class 27: 0
Class 28: 0
Class 29: 16
Class 30: 16
Class 31: 16
Class 32: 16
Class 33: 16
Class 34: 16

K_sun Mass: 236.21





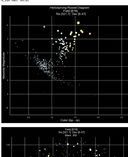


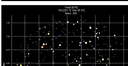
Field 2044:
Mu (Lens): Dec 16.425

Shape: 200
mass_separation: 122
mu(LENS): 40
subgiants: 21
Mu(Lens): 40
red_giants: 40

Class 26: 0
Class 27: 0
Class 28: 0
Class 29: 16
Class 30: 16
Class 31: 16
Class 32: 16
Class 33: 16
Class 34: 16

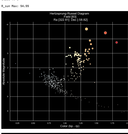
K_sun Mass: 95.62

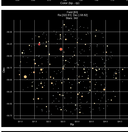


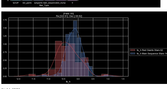


Classification Count
Classification Percent Complete
Classification Count
Classification Percent Complete
Classification Count
Classification Percent Complete

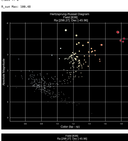
Source: 380
Sky Coordinates: (RA, Dec)
Galactic Coordinates: (l, b)
Class: Unknown
Class 0: 0
Class I: 0
Class II: 0
Class III: 0
Class 0/I: 0
Class I/II: 0
Class II/III: 0
Class 0/I/II: 0
Class I/II/III: 0
Class 0/I/II/III: 0

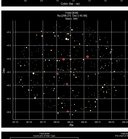


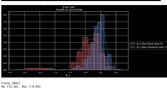




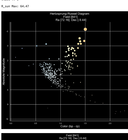
Field 0002
RA (J2000): Dec (J2000)
Source: 380
Sky Coordinates: (RA, Dec)
Galactic Coordinates: (l, b)
Class: Unknown
Class 0: 0
Class I: 0
Class II: 0
Class III: 0
Class 0/I: 0
Class I/II: 0
Class II/III: 0
Class 0/I/II: 0
Class I/II/III: 0
Class 0/I/II/III: 0

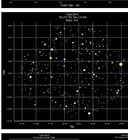


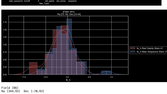




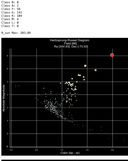
Field 0003
RA (J2000): Dec (J2000)
Source: 380
Sky Coordinates: (RA, Dec)
Galactic Coordinates: (l, b)
Class: Unknown
Class 0: 0
Class I: 0
Class II: 0
Class III: 0
Class 0/I: 0
Class I/II: 0
Class II/III: 0
Class 0/I/II: 0
Class I/II/III: 0
Class 0/I/II/III: 0

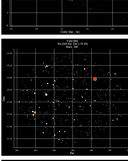


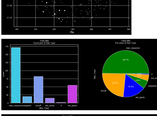




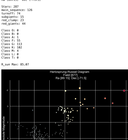
Field 0004
RA (J2000): Dec (J2000)
Source: 380
Sky Coordinates: (RA, Dec)
Galactic Coordinates: (l, b)
Class: Unknown
Class 0: 0
Class I: 0
Class II: 0
Class III: 0
Class 0/I: 0
Class I/II: 0
Class II/III: 0
Class 0/I/II: 0
Class I/II/III: 0
Class 0/I/II/III: 0

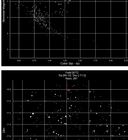


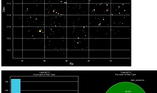




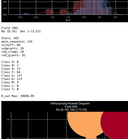
Field 0005
RA (J2000): Dec (J2000)
Source: 380
Sky Coordinates: (RA, Dec)
Galactic Coordinates: (l, b)
Class: Unknown
Class 0: 0
Class I: 0
Class II: 0
Class III: 0
Class 0/I: 0
Class I/II: 0
Class II/III: 0
Class 0/I/II: 0
Class I/II/III: 0
Class 0/I/II/III: 0

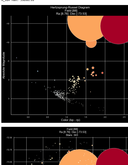




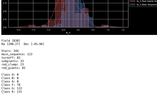


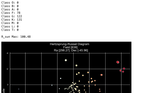
Field 0006
RA (J2000): Dec (J2000)
Source: 380
Sky Coordinates: (RA, Dec)
Galactic Coordinates: (l, b)
Class: Unknown
Class 0: 0
Class I: 0
Class II: 0
Class III: 0
Class 0/I: 0
Class I/II: 0
Class II/III: 0
Class 0/I/II: 0
Class I/II/III: 0
Class 0/I/II/III: 0





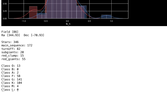
Field 0007
RA (J2000): Dec (J2000)
Source: 380
Sky Coordinates: (RA, Dec)
Galactic Coordinates: (l, b)
Class: Unknown
Class 0: 0
Class I: 0
Class II: 0
Class III: 0
Class 0/I: 0
Class I/II: 0
Class II/III: 0
Class 0/I/II: 0
Class I/II/III: 0
Class 0/I/II/III: 0





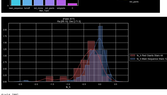
Field 0008
RA (J2000): Dec (J2000)
Source: 380
Sky Coordinates: (RA, Dec)
Galactic Coordinates: (l, b)
Class: Unknown
Class 0: 0
Class I: 0
Class II: 0
Class III: 0
Class 0/I: 0
Class I/II: 0
Class II/III: 0
Class 0/I/II: 0
Class I/II/III: 0
Class 0/I/II/III: 0

Field 0009
RA (J2000): Dec (J2000)
Source: 380
Sky Coordinates: (RA, Dec)
Galactic Coordinates: (l, b)
Class: Unknown
Class 0: 0
Class I: 0
Class II: 0
Class III: 0
Class 0/I: 0
Class I/II: 0
Class II/III: 0
Class 0/I/II: 0
Class I/II/III: 0
Class 0/I/II/III: 0

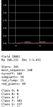


Field 0010
RA (J2000): Dec (J2000)
Source: 380
Sky Coordinates: (RA, Dec)
Galactic Coordinates: (l, b)
Class: Unknown
Class 0: 0
Class I: 0
Class II: 0
Class III: 0
Class 0/I: 0
Class I/II: 0
Class II/III: 0
Class 0/I/II: 0
Class I/II/III: 0
Class 0/I/II/III: 0

Field 0011
RA (J2000): Dec (J2000)
Source: 380
Sky Coordinates: (RA, Dec)
Galactic Coordinates: (l, b)
Class: Unknown
Class 0: 0
Class I: 0
Class II: 0
Class III: 0
Class 0/I: 0
Class I/II: 0
Class II/III: 0
Class 0/I/II: 0
Class I/II/III: 0
Class 0/I/II/III: 0



Field 0012
RA (J2000): Dec (J2000)
Source: 380
Sky Coordinates: (RA, Dec)
Galactic Coordinates: (l, b)
Class: Unknown
Class 0: 0
Class I: 0
Class II: 0
Class III: 0
Class 0/I: 0
Class I/II: 0
Class II/III: 0
Class 0/I/II: 0
Class I/II/III: 0
Class 0/I/II/III: 0



Fold [0]
Mu [0.0] Sec [1.0,0]

Depth: [8]
max_separator: [10]
min_leaf: [1]
subsplits: [0]
cat_prefix: [0]
cat_prefix: [0]

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

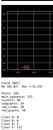
N_var_Max: [0,1]

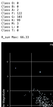
Fold [0]
Mu [0.0] Sec [-0.0,0]

Depth: [8]
max_separator: [10]
min_leaf: [1]
subsplits: [0]
cat_prefix: [0]
cat_prefix: [0]

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

N_var_Max: [0,0]



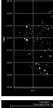


Fold [0]
Mu [-0.0] Sec [-0.0,0]

Depth: [8]
max_separator: [10]
min_leaf: [1]
subsplits: [0]
cat_prefix: [0]
cat_prefix: [0]

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

N_var_Max: [0,0]

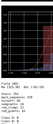


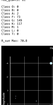
Fold [0]
Mu [-0.0] Sec [-0.0]

Depth: [8]
max_separator: [10]
min_leaf: [1]
subsplits: [0]
cat_prefix: [0]
cat_prefix: [0]

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

N_var_Max: [0,0]



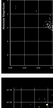


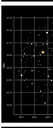
Fold [0]
Mu [0.0] Sec [-0.0,0]

Depth: [8]
max_separator: [10]
min_leaf: [1]
subsplits: [0]
cat_prefix: [0]
cat_prefix: [0]

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

N_var_Max: [0,0]



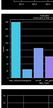


Fold [0]
Mu [-0.0] Sec [-0.0,0]

Depth: [8]
max_separator: [10]
min_leaf: [1]
subsplits: [0]
cat_prefix: [0]
cat_prefix: [0]

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

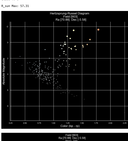
N_var_Max: [0,0]

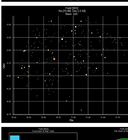

Distribution Of Class Weights
Mu [-

Mw [38.00] Dec [-5.50]

Years: 2000
Mag: magnitude
Mag_type: mb
Depth[km]: 54
Mag_error: 0.0
Nst: 0.0
Gap: 0.0
Class: Ex
Class: Ex
Class: Ex
Class: Ex
Class: Ex
Class: Ex
Class: Ex
Class: Ex
Class: Ex
Class: Ex

m_cat_Mag: [5.0]





Mag_type Vs Mag
Mag_type Vs Mag
Mag_type
Mag
Mag_type
Mag
Mag_type

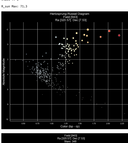
Number of Events
Class Name
Class Number
Class Fraction
Class Weight
Class Name
Class Number
Class Fraction
Class Weight
Class Name
Class Number
Class Fraction
Class Weight
Class Name
Class Number
Class Fraction
Class Weight
Class Name
Class Number
Class Fraction
Class Weight
Class Name
Class Number
Class Fraction
Class Weight
Class Name
Class Number
Class Fraction
Class Weight
Class Name
Class Number
Class Fraction
Class Weight

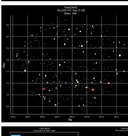
Field [NGC]
Ra [18.23] Dec [5.63]

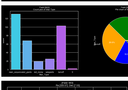
Magnu: [8]
Nsta: [1]
Nsta_sumsquare: [18]
Nsta_sigma: [3]
nsigsquare: [3]
nsigma: [3]
rms_gaussfit: [8]

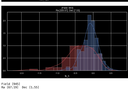
Class [1]: 0
Class [2]: 0
Class [3]: 0
Class [4]: 0
Class [5]: 112
Class [6]: 0
Class [7]: 0
Class [8]: 0
Class [9]: 0

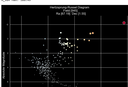
N_sum Max: [5.1]

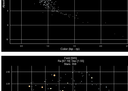










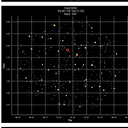


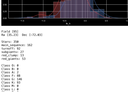
Field [NGC]
Ra [18.23] Dec [5.63]

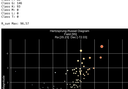
Magnu: [8]
Nsta: [1]
Nsta_sumsquare: [18]
nsigsquare: [3]
nsigma: [3]
rms_gaussfit: [8]

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

N_sum Max: 100.00





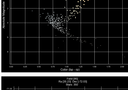


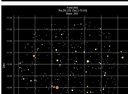
Field [NGC]
Ra [18.23] Dec [-5.62]

Magnu: [8]
Nsta: [1]
Nsta_sumsquare: [45]
nsigsquare: [48]
nsigma: [3]
rms_gaussfit: [8]

Class [1]: 0
Class [2]: 0
Class [3]: 0
Class [4]: 0
Class [5]: 112
Class [6]: 0
Class [7]: 0
Class [8]: 0
Class [9]: 0

N_sum Max: 100.00



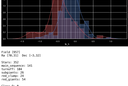


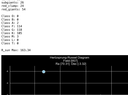
Field [NGC]
Ra [18.23] Dec [-60.66]

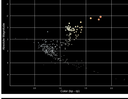
Magnu: [8]
Nsta: [1]
Nsta_sumsquare: [5]
nsigsquare: [3]
nsigma: [3]
rms_gaussfit: [8]

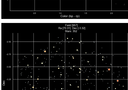
Class [1]: 0
Class [2]: 0
Class [3]: 0
Class [4]: 0
Class [5]: 112
Class [6]: 0
Class [7]: 0
Class [8]: 0
Class [9]: 0

N_sum Max: 100.00







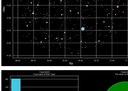


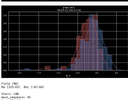
Field [NGC]
Ra [18.23] Dec [-60.66]

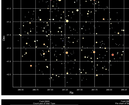
Magnu: [8]
Nsta: [1]
Nsta_sumsquare: [5]
nsigsquare: [3]
nsigma: [3]
rms_gaussfit: [8]

Class [1]: 0
Class [2]: 0
Class [3]: 0
Class [4]: 0
Class [5]: 112
Class [6]: 0
Class [7]: 0
Class [8]: 0
Class [9]: 0

N_sum Max: 100.00







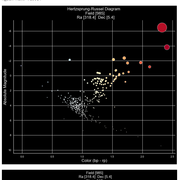
Class Distribution
Class Proportions (%)
Class
Count
Class 0
Class 1
Class 2
Class 3
Class 4
Class 5
Class 6
Class 7
Class 8
Class 9
Class 10
Class 11
Class 12
Class 13
Class 14
Class 15
Class 16
Class 17
Class 18
Class 19
Class

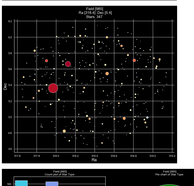
Field [985]
Ra [318.4] Dec [5.4]

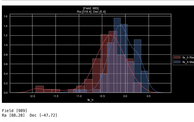
Stars: 347
main_sequence: 105
turnoff: 10
subgiants: 23
red_clump: 23
red_giants: 88

Class O: 0
Class B: 0
Class A: 0
Class F: 0
Class G: 14
Class K: 149
Class M: 0
Class L: 0
Class T: 0

N_sun Max: 715.54





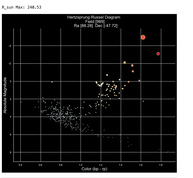


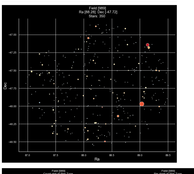
Field [985]
Ra [86.20] Dec [-47.72]

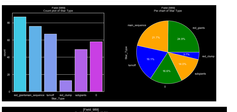
Stars: 358
main_sequence: 76
turnoff: 67
subgiants: 49
red_clump: 13
red_giants: 87

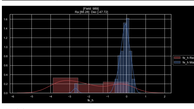
Class O: 0
Class B: 0
Class A: 0
Class F: 86
Class G: 145
Class K: 126
Class M: 2
Class L: 0
Class T: 0

N_sun Max: 240.53







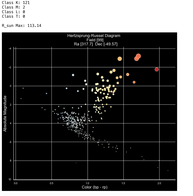


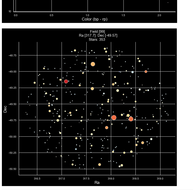
Field [990]
Ra [317.7] Dec [-49.57]

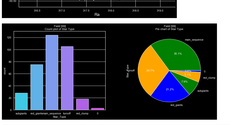
Stars: 353
main_sequence: 124
turnoff: 10
subgiants: 20
red_clump: 15
red_giants: 75

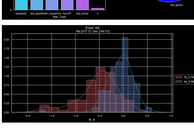
Class O: 0
Class B: 0
Class A: 0
Class F: 0
Class G: 140
Class K: 211
Class M: 2
Class L: 0
Class T: 0

N_sun Max: 113.14



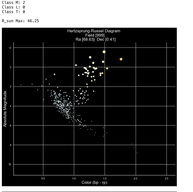
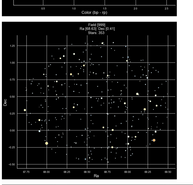
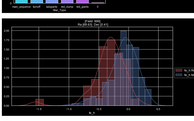






Field [995]
Ra [68.63] Dec [6.41]

Stars: 353
main_sequence: 158
turnoff: 10
subgiants: 34
red_clump: 11
red_giants: 43

Class O: 0
Class B: 0
Class A: 0
Class F: 0
Class G: 155
Class K: 198
Class M: 2
Class L: 0
Class T: 0

N_sun Max: 46.25