

In [39]:

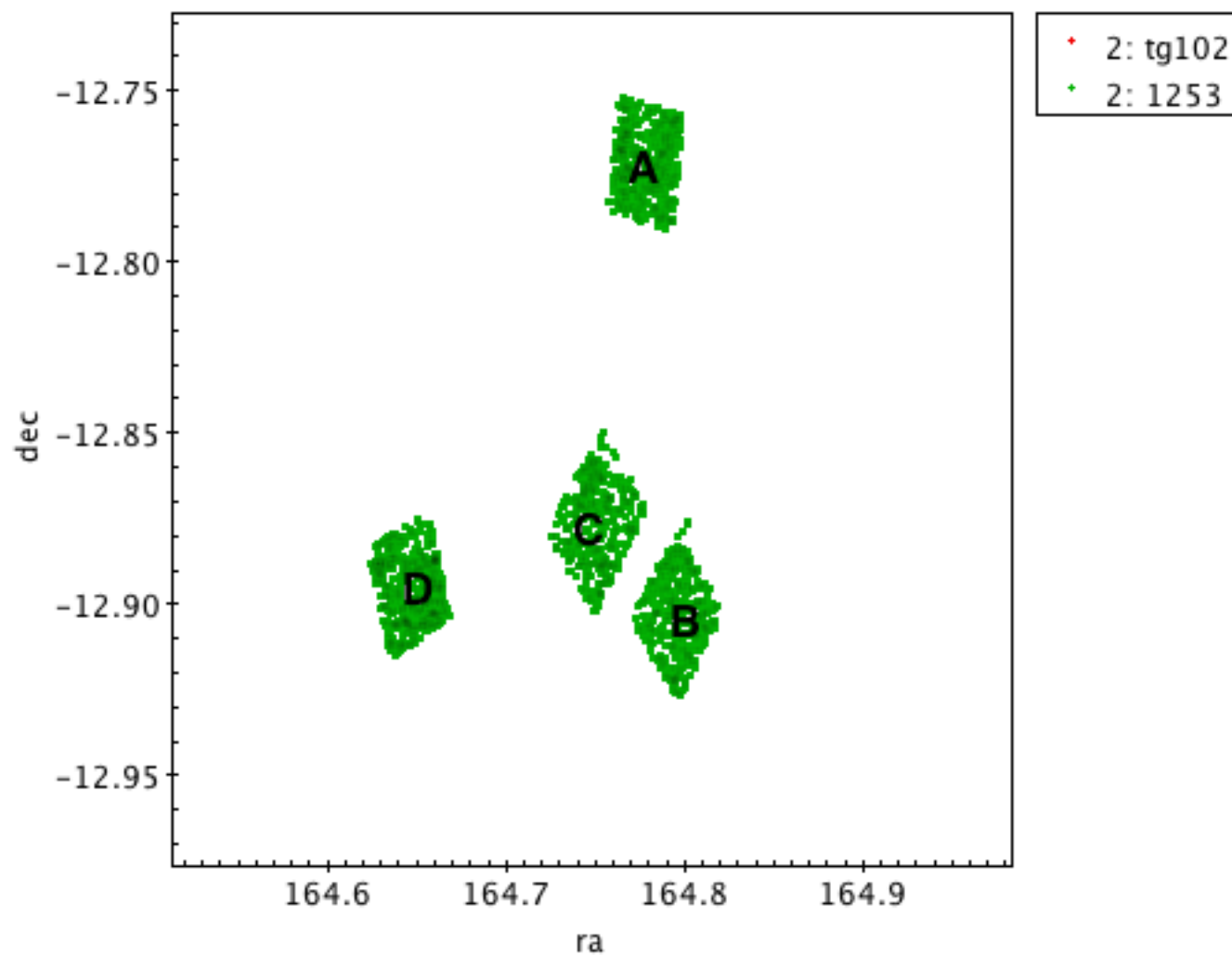
```
import pyfits
import matplotlib.pyplot as plt
import matplotlib.patches as mpatches
import numpy as np
import astropy
from astropy import cosmology
import math as mt
```

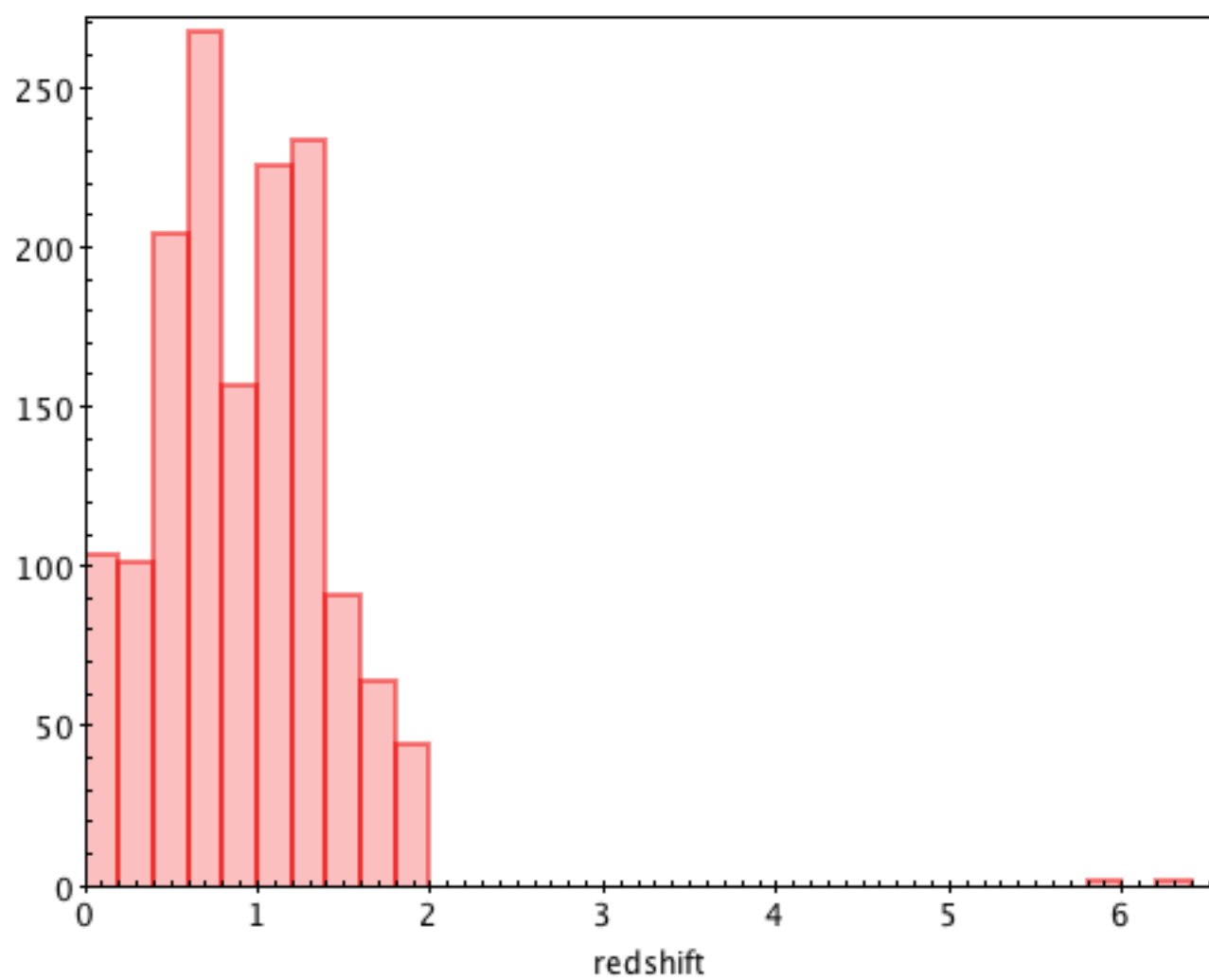
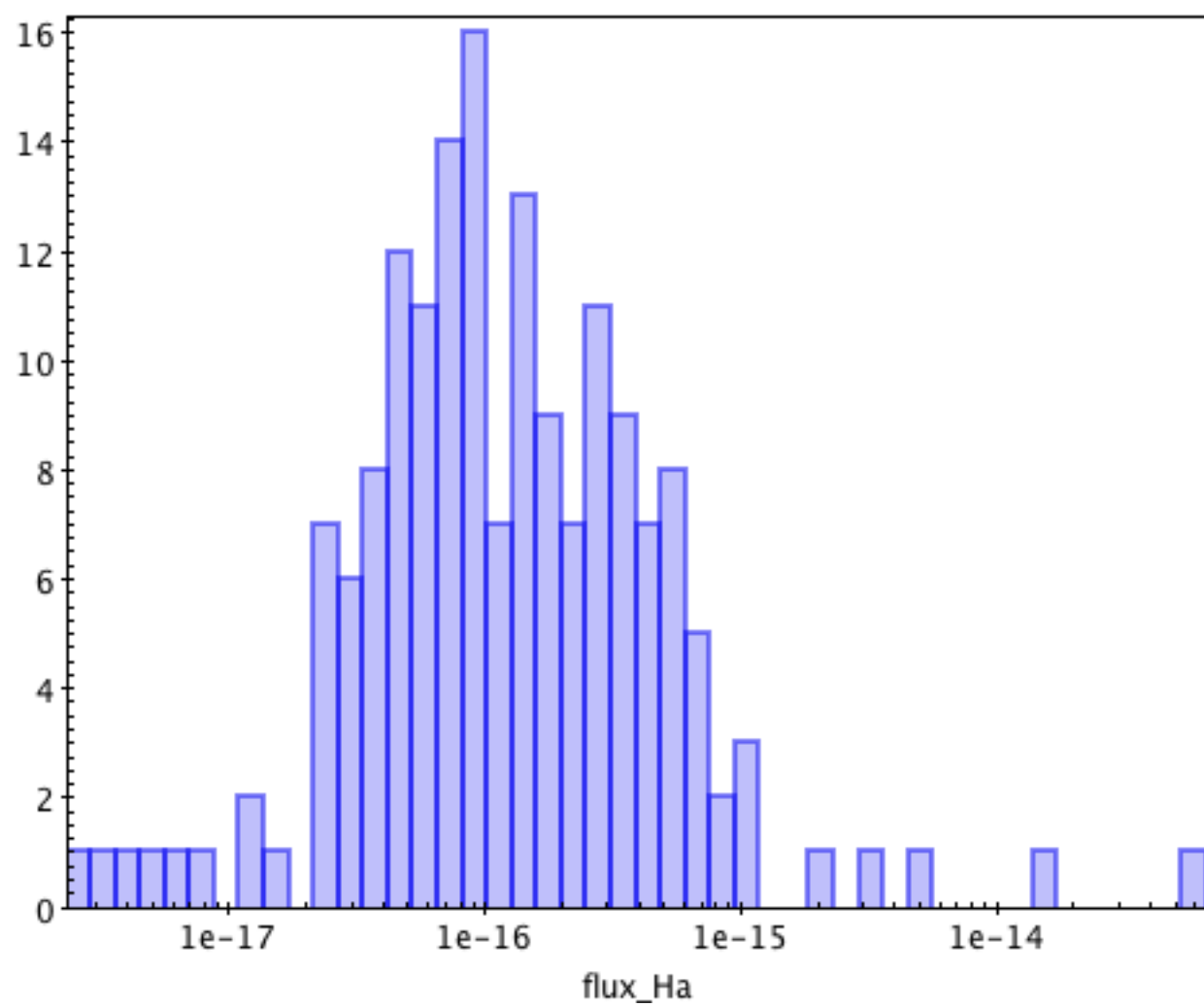
EDisCS UVJ & Halpha

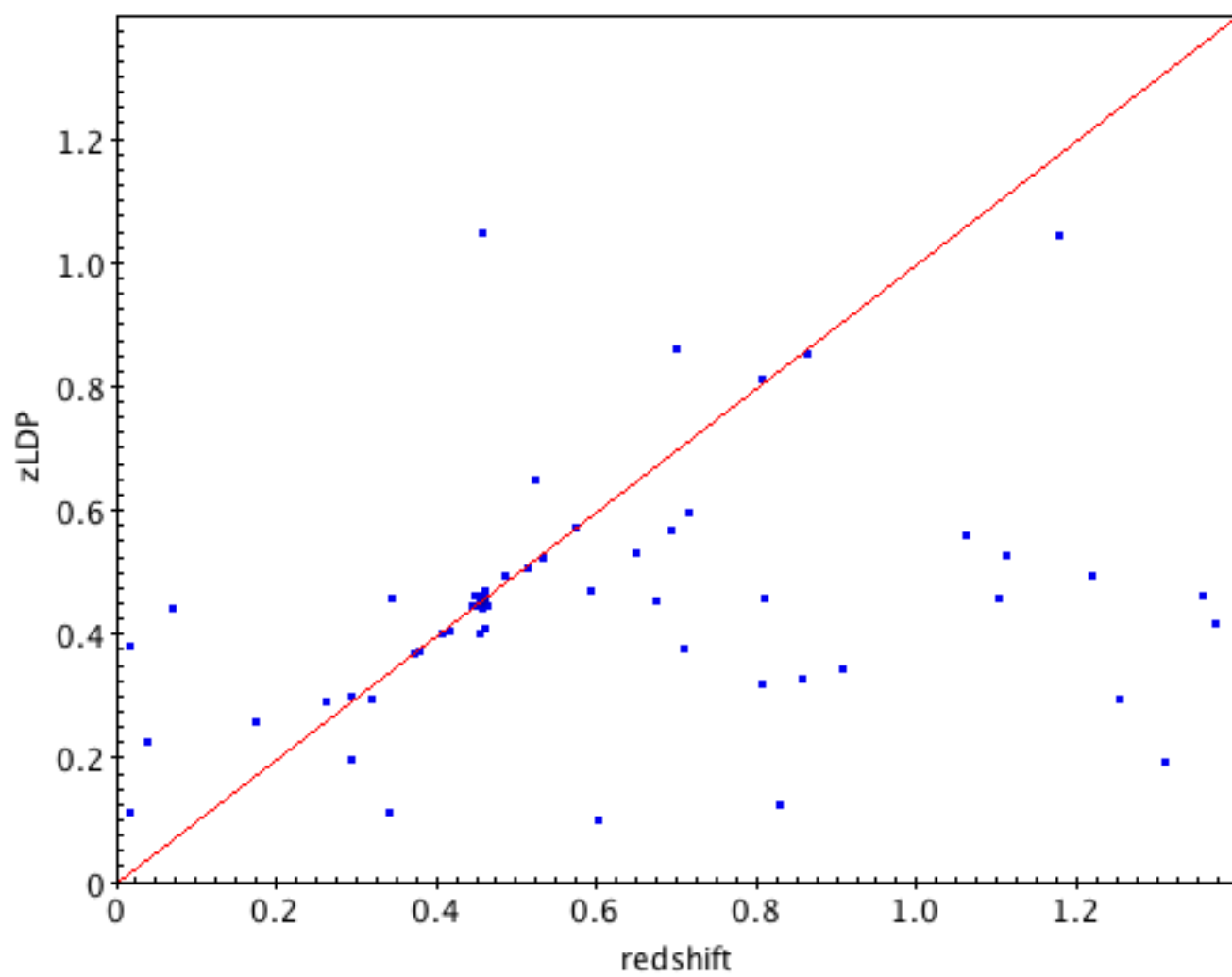
In [70]:

```
run ediscs_uvj.py
```

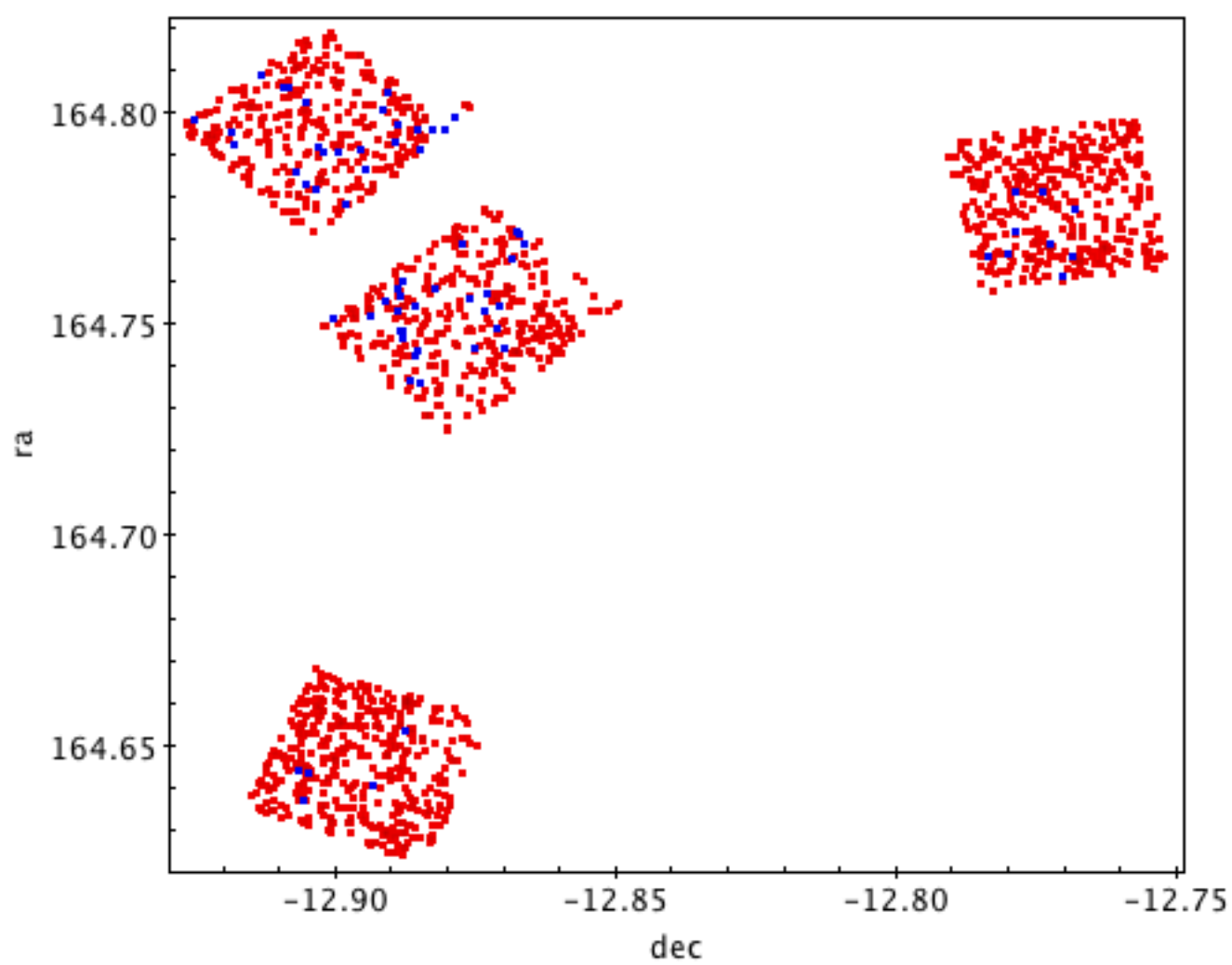
1059-1253 $z = 0.4564$







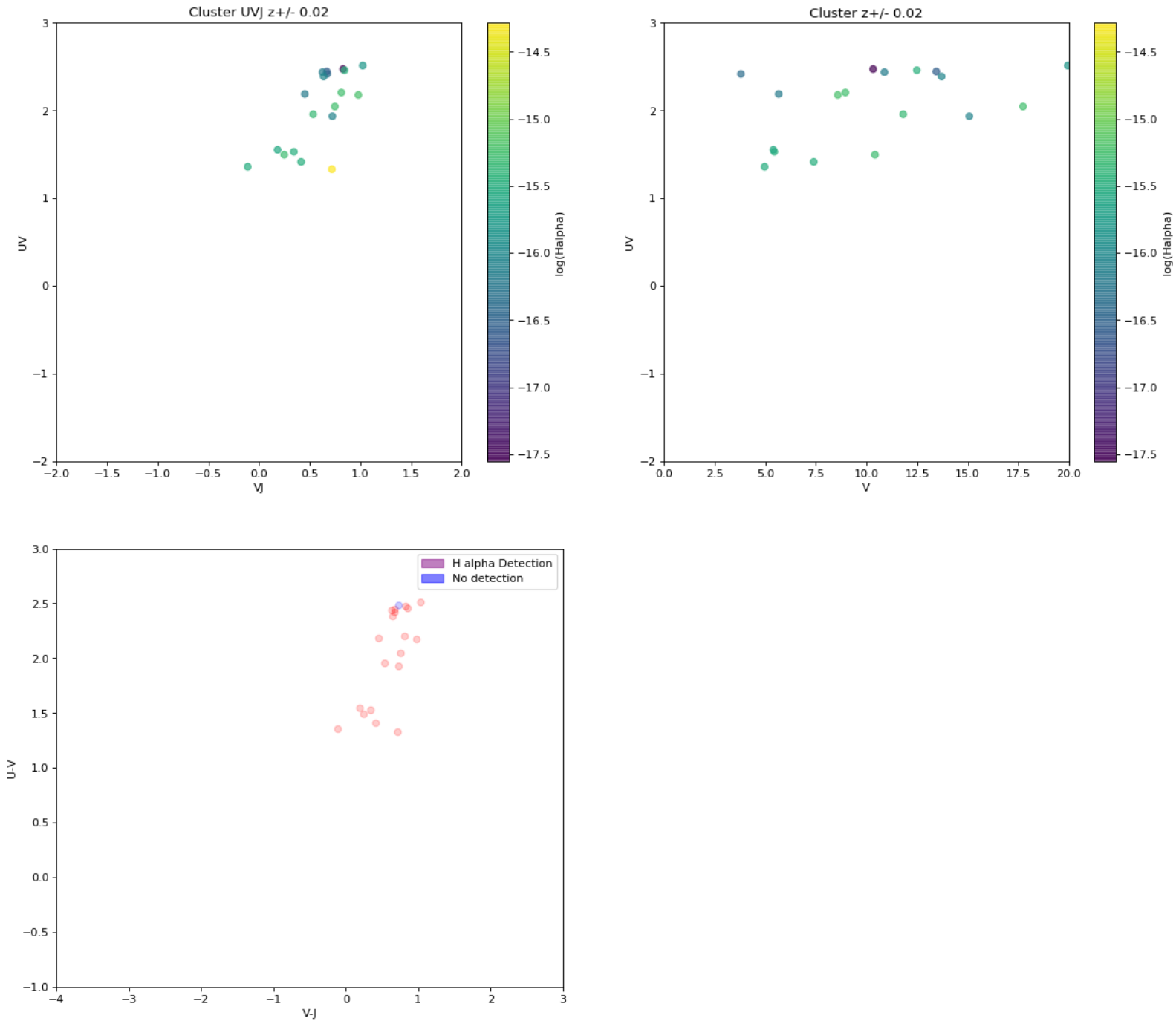
Within 0.02



In [51]:

```
c1059(f_Ha,rf_J,rf_U,rf_V,rf_VJ,rf_UV)
```

<string>:241: RuntimeWarning: divide by zero encountered in log10

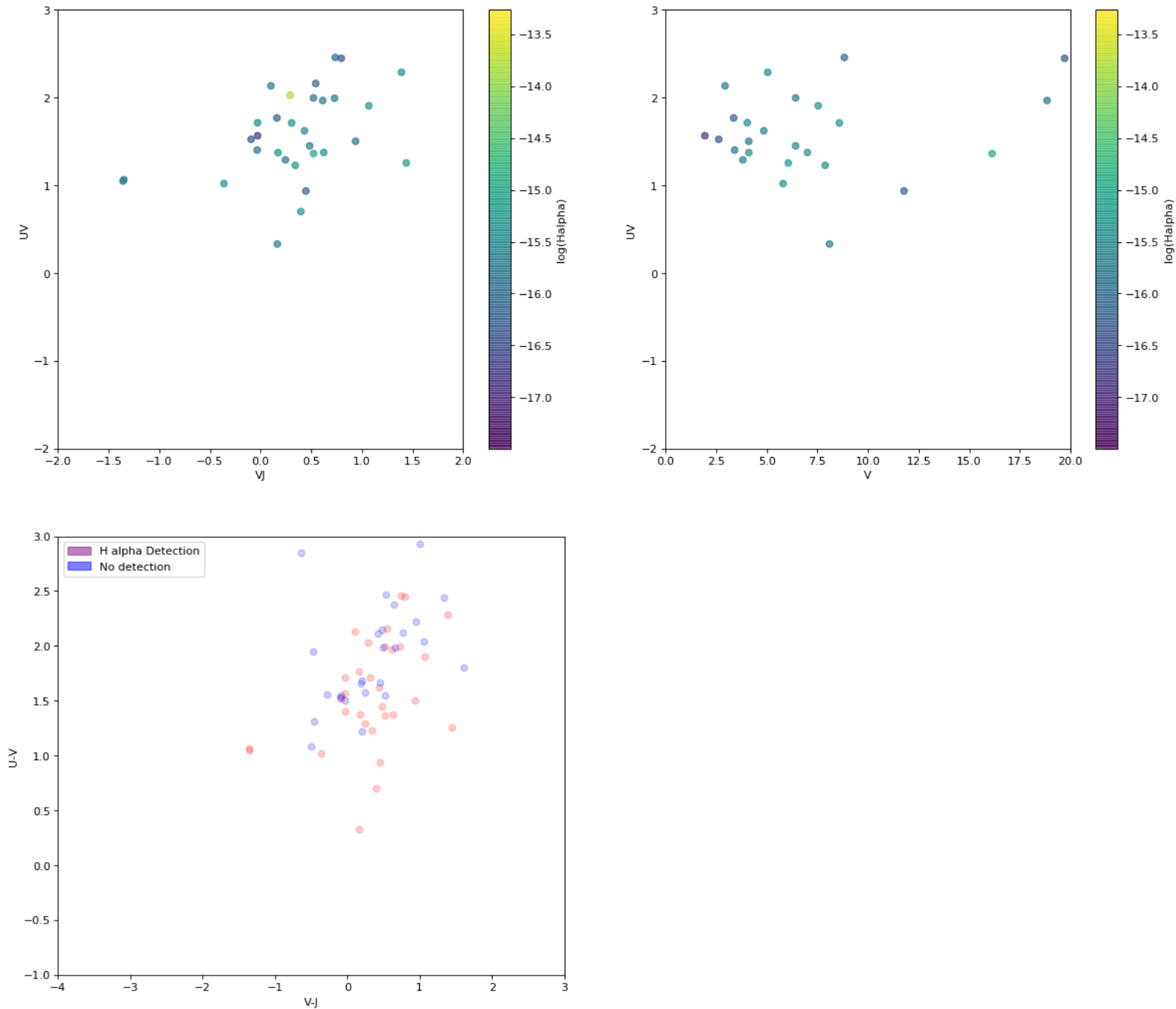


Field

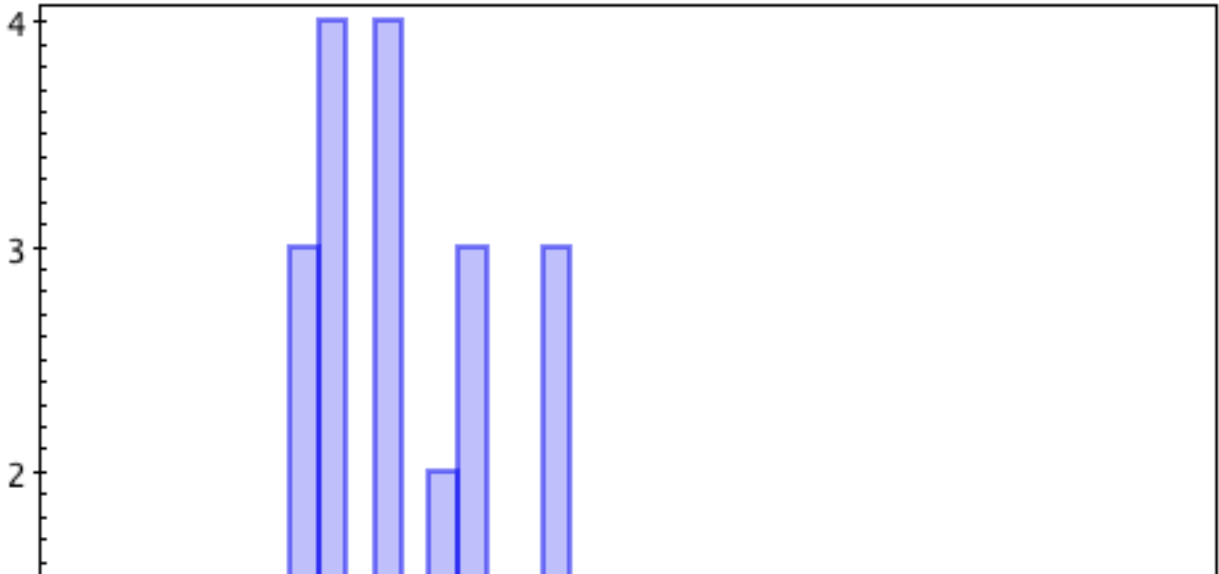
In [62]:

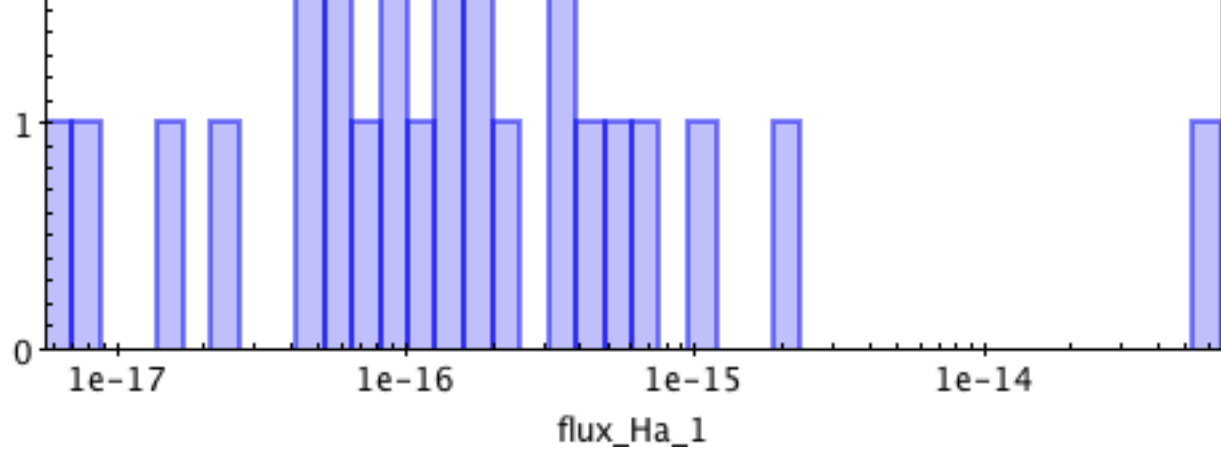
```
f1059(f_Ha,rf_J,rf_U,rf_V,rf_VJ,rf_UV)
```

<string>:308: RuntimeWarning: divide by zero encountered in log10

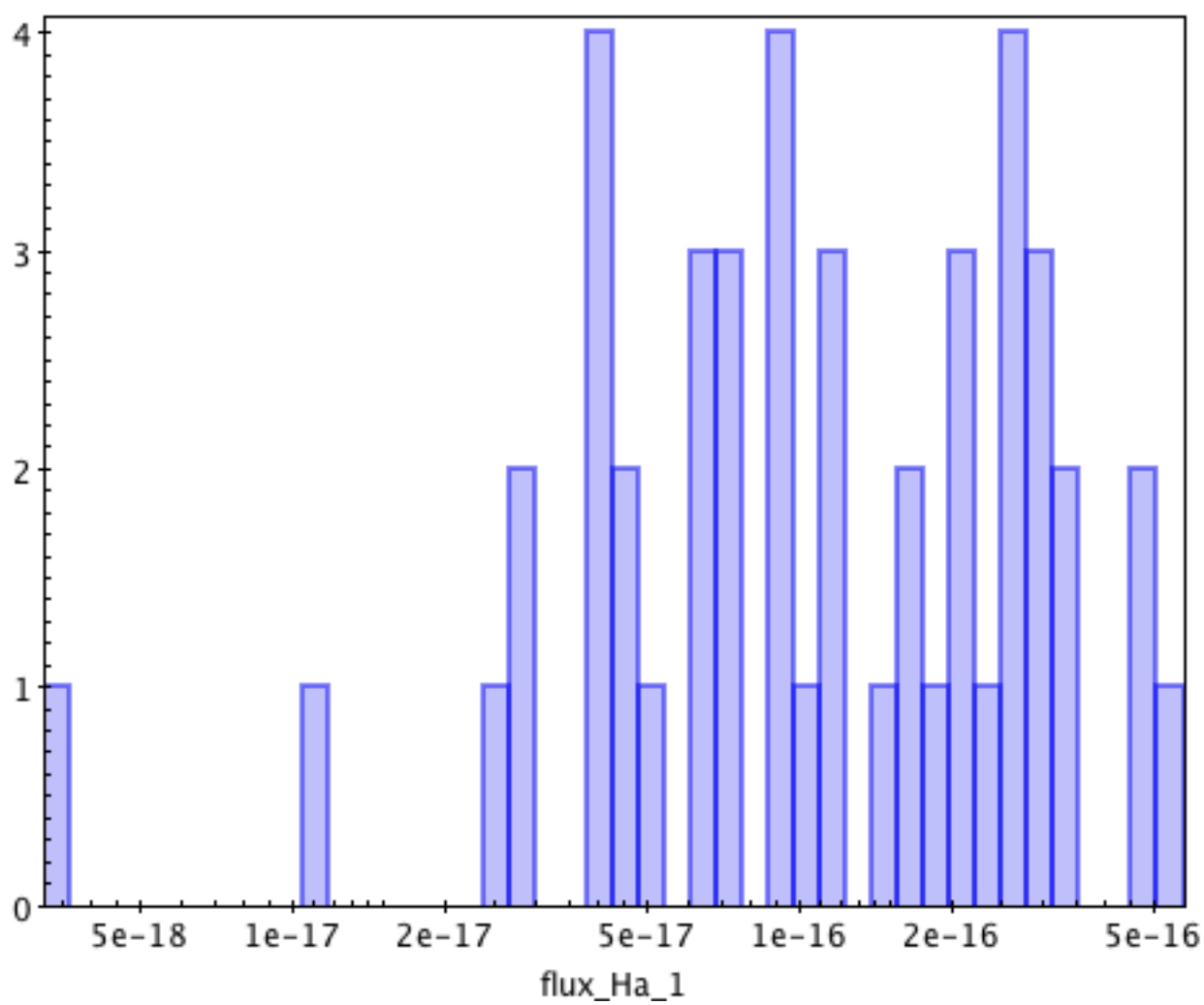


a 1059-1253

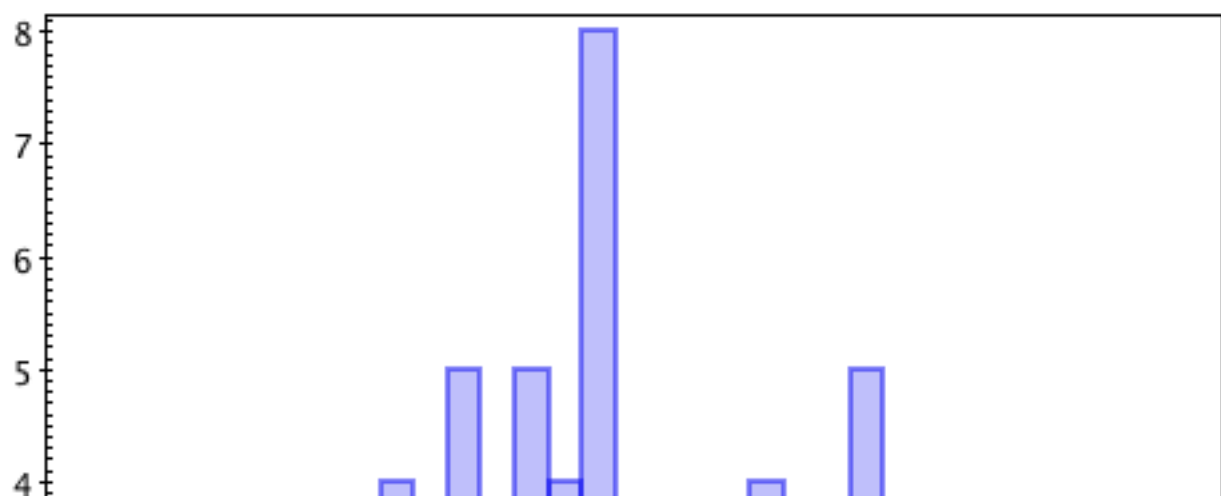


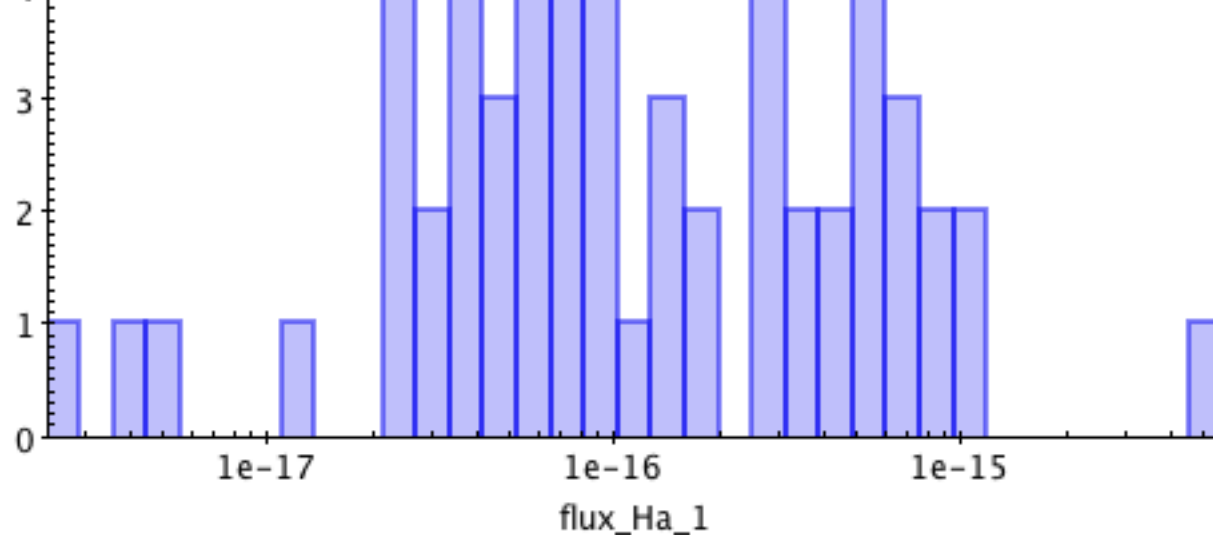


b 1059-1253

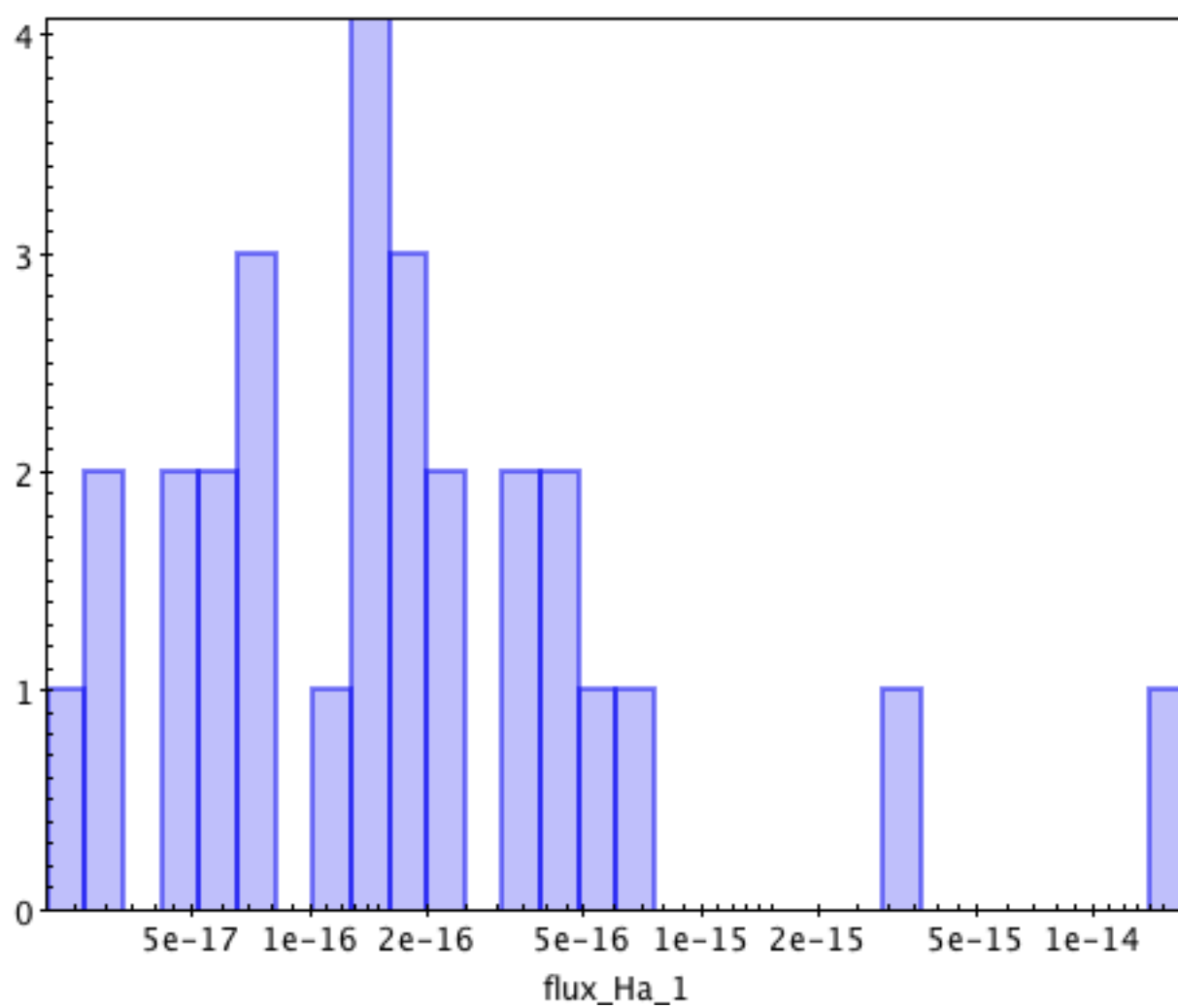


c 1059-1253



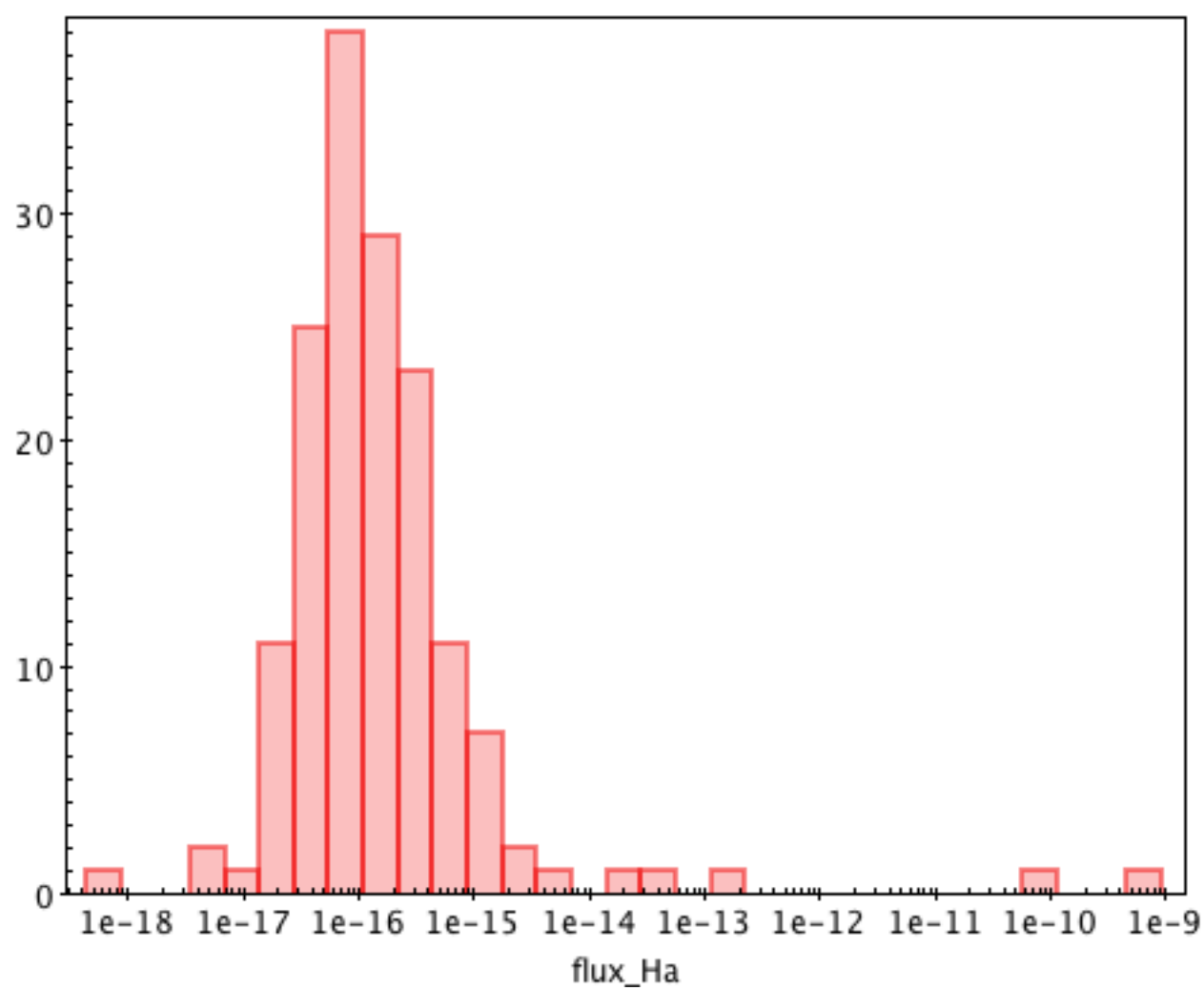
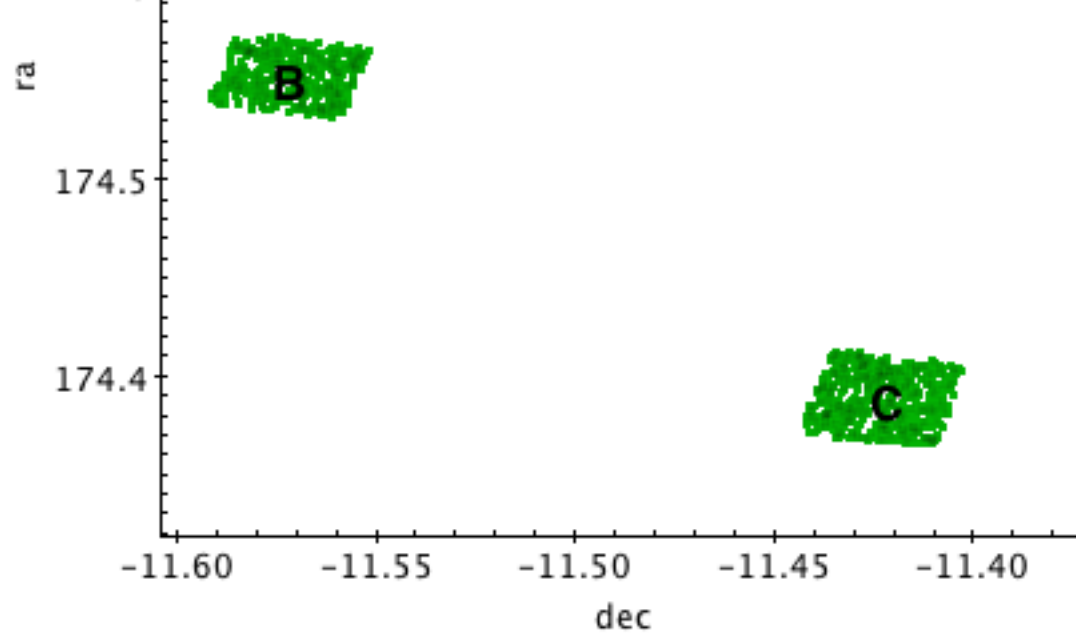


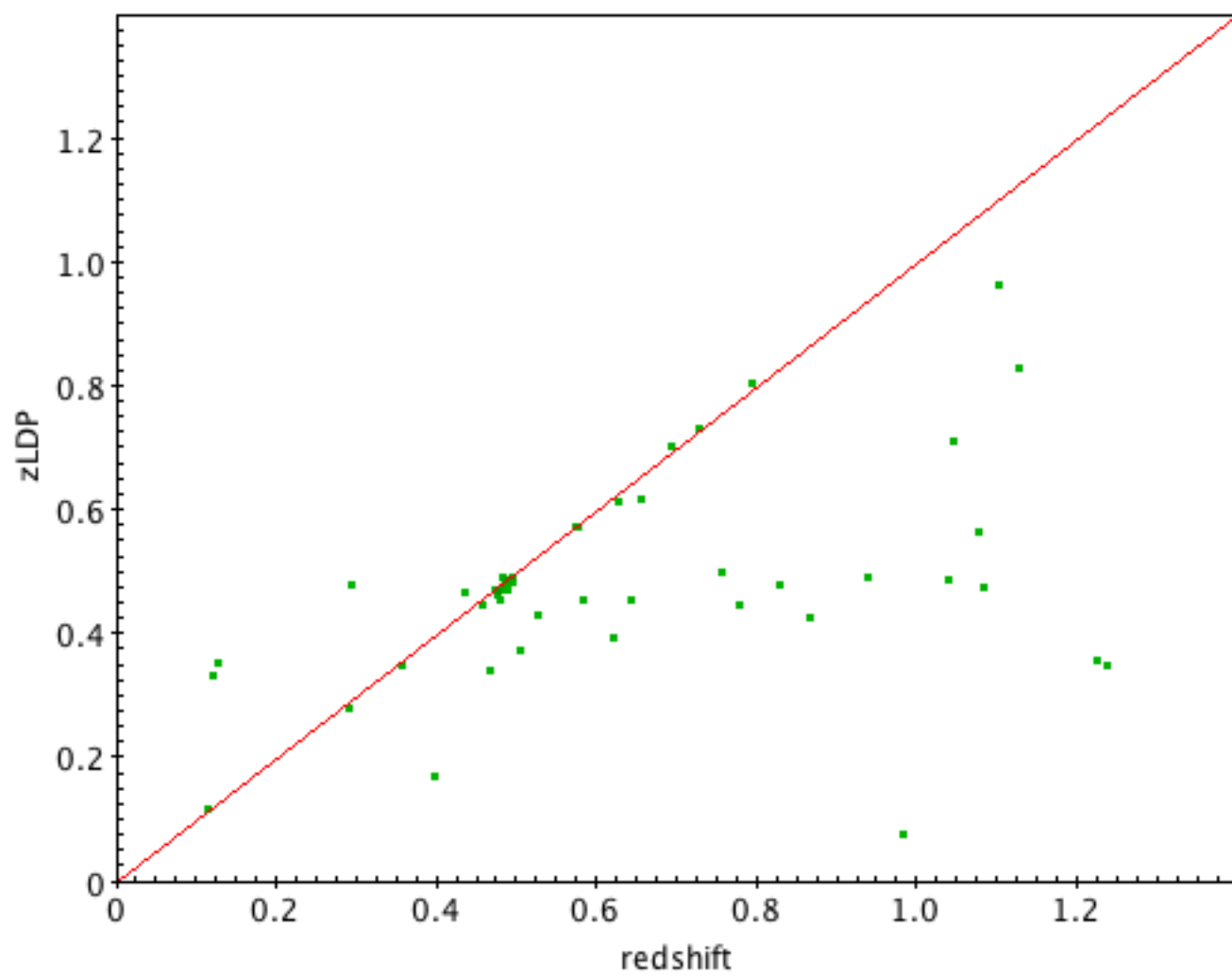
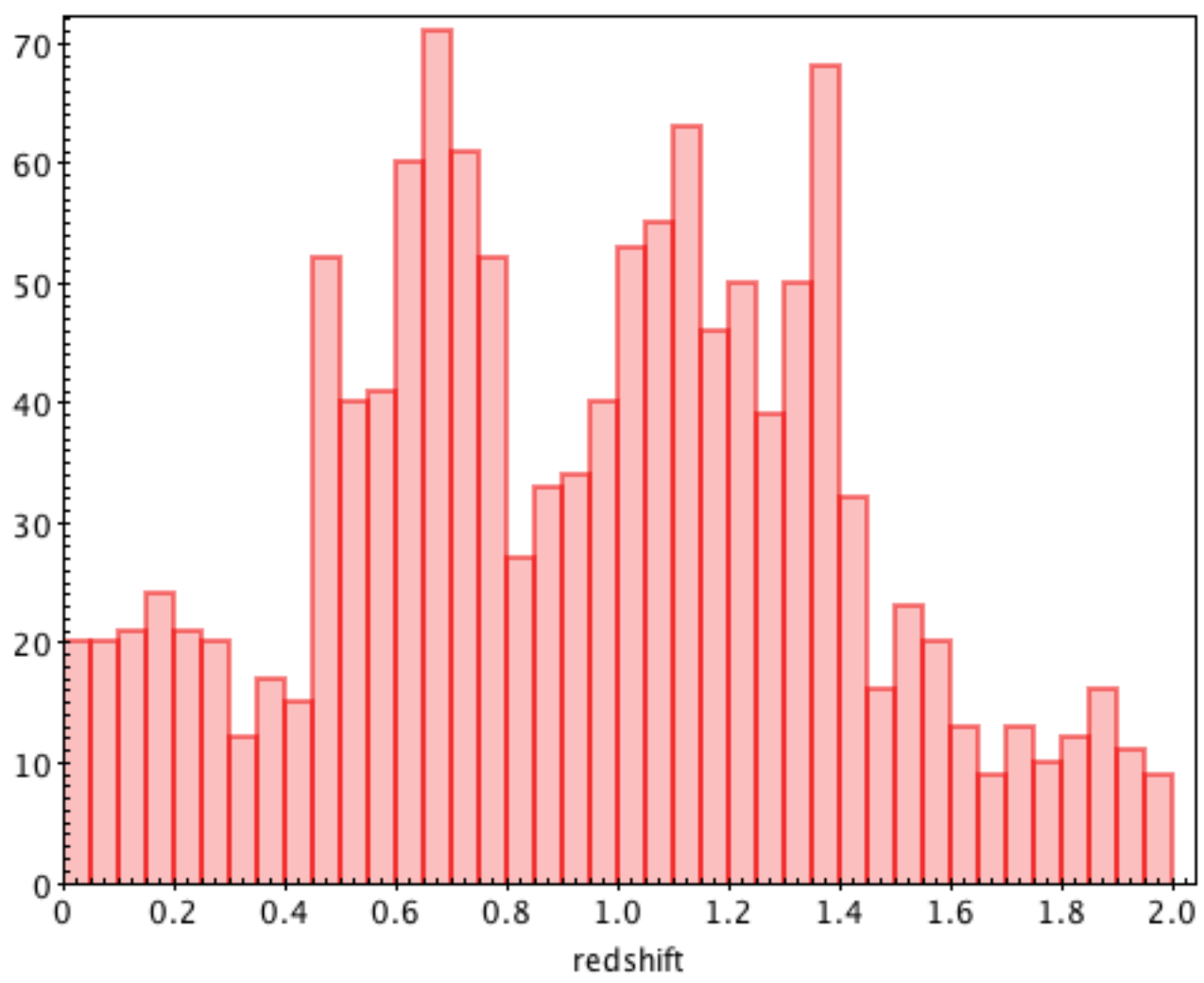
d 1059-1253



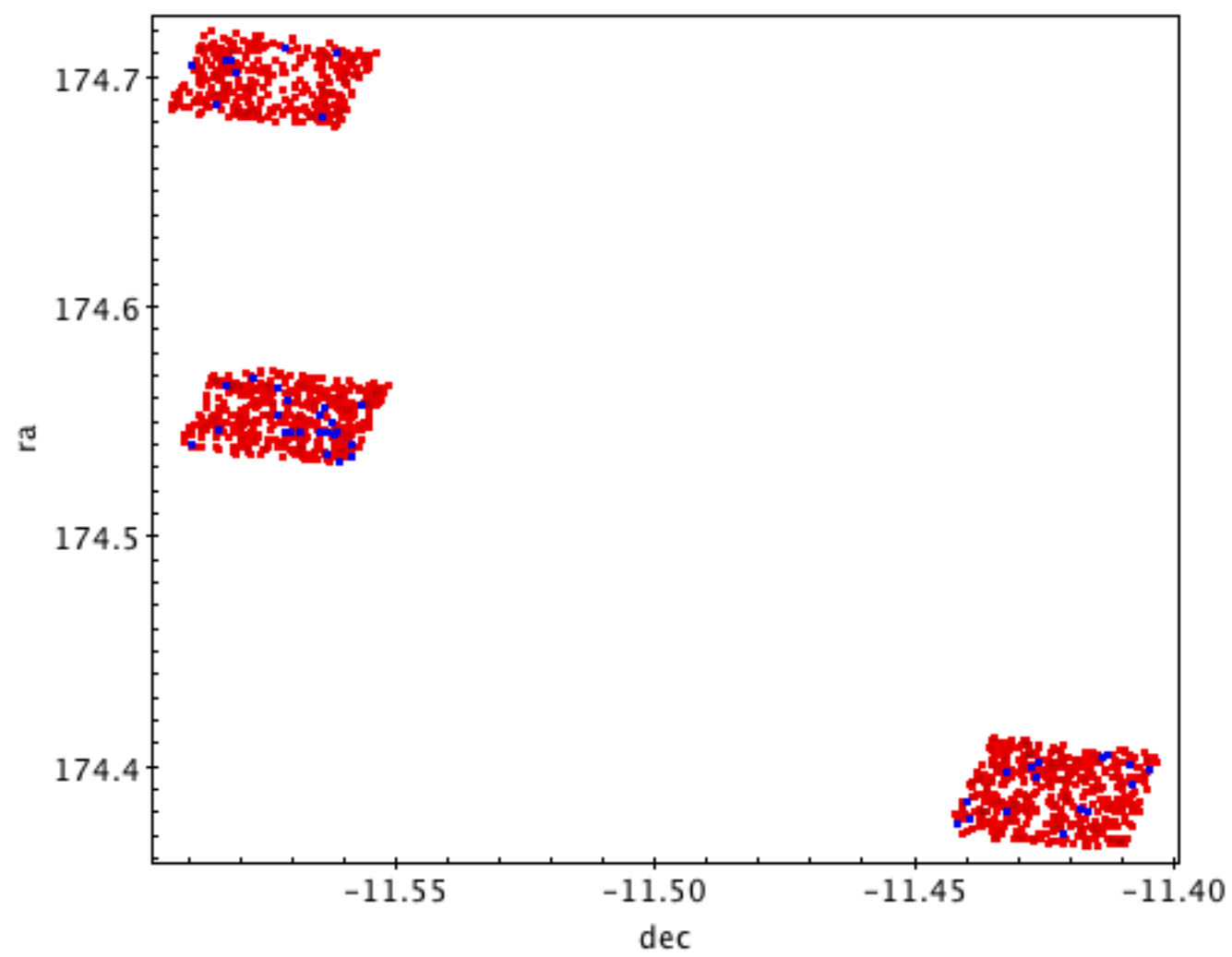
1138-1133 $z = 0.4796$





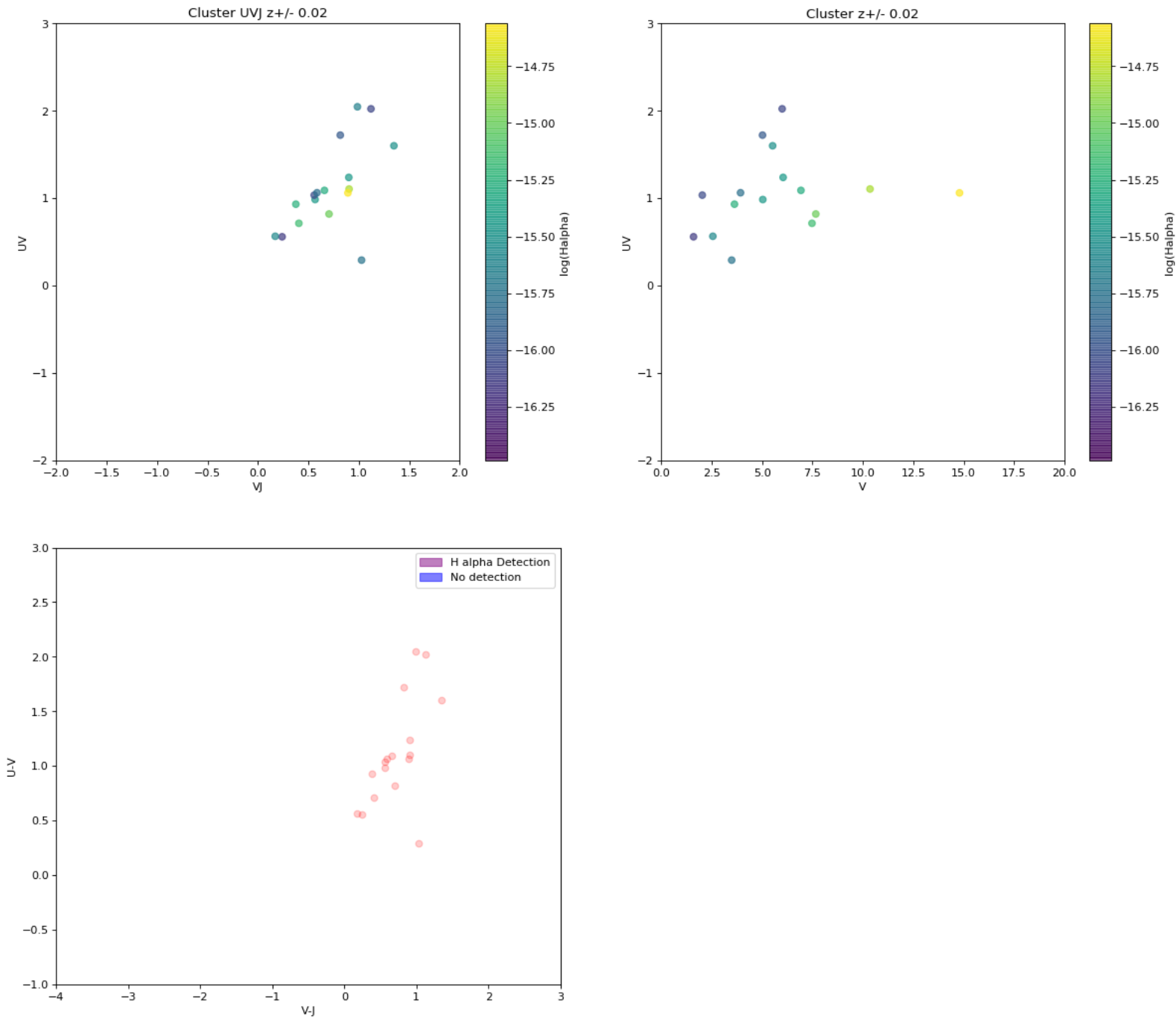


Within 0.02



In [55]:

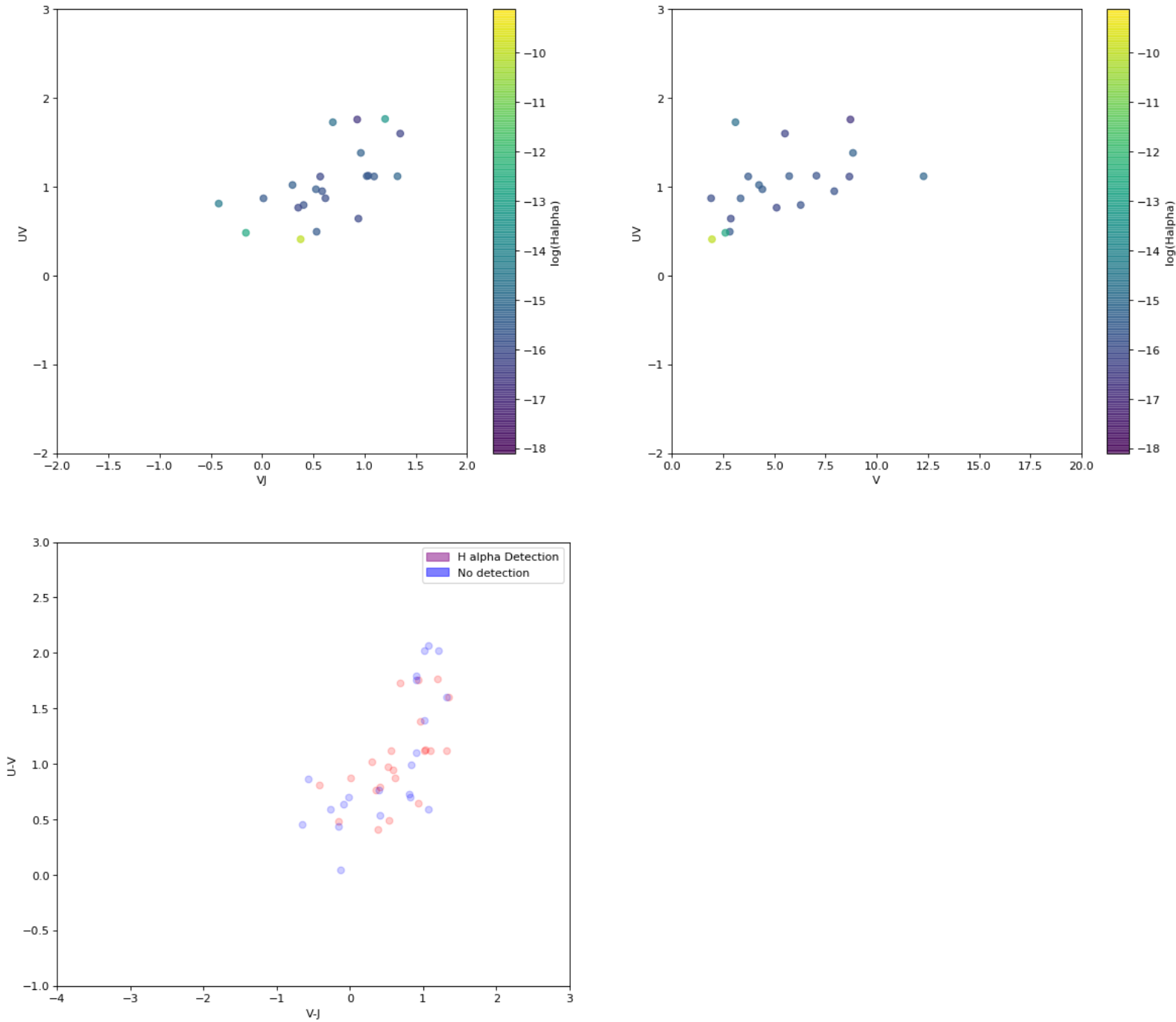
```
c1138(f_Ha,rf_J,rf_U,rf_V,rf_VJ,rf_UV)
```



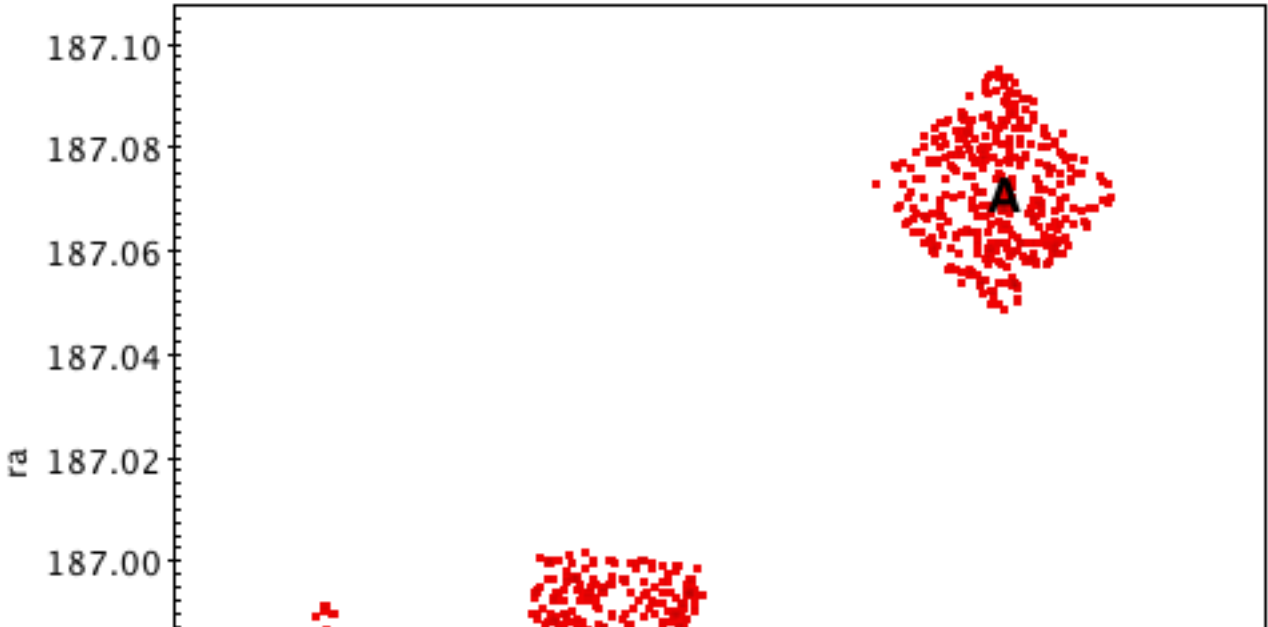
Field

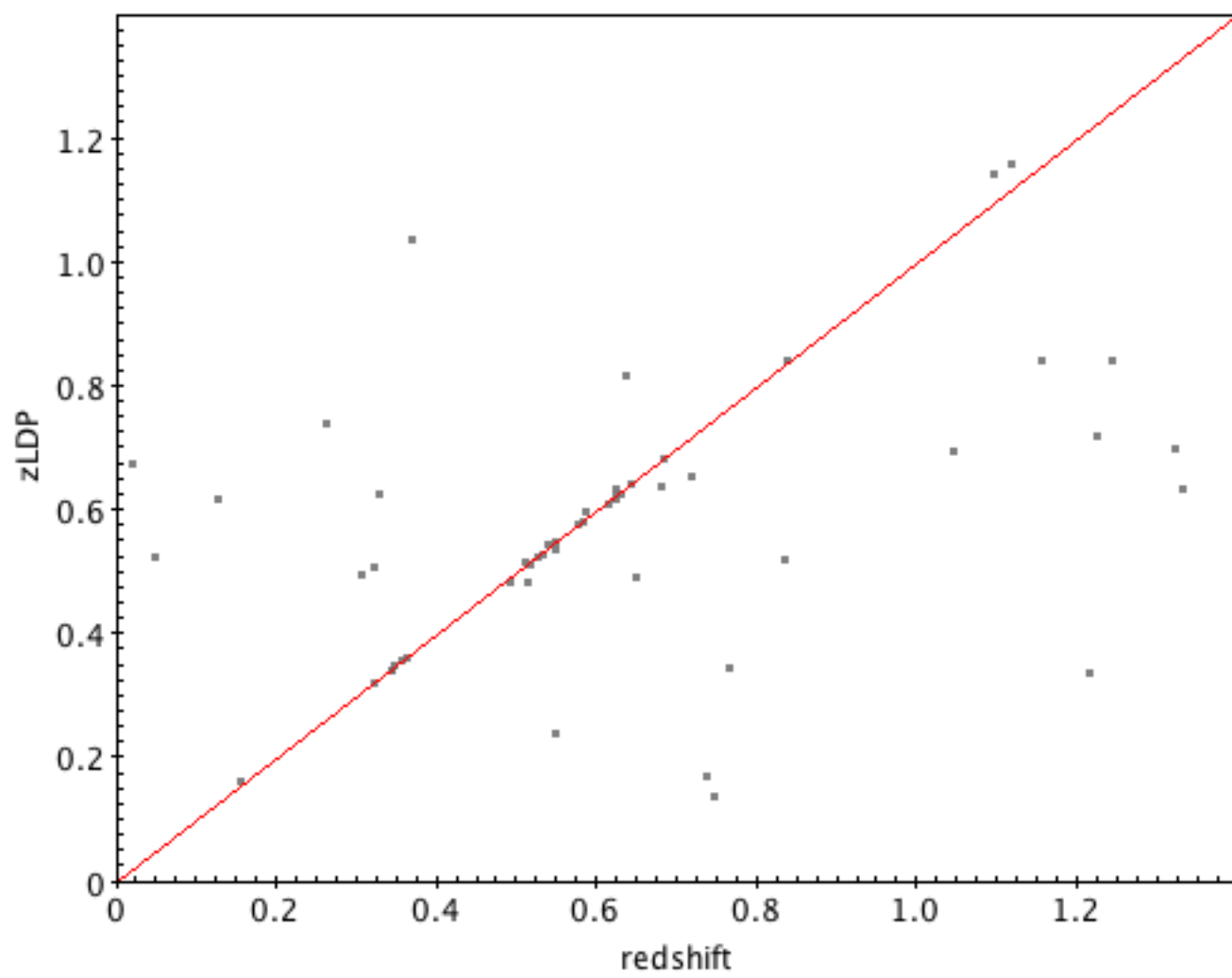
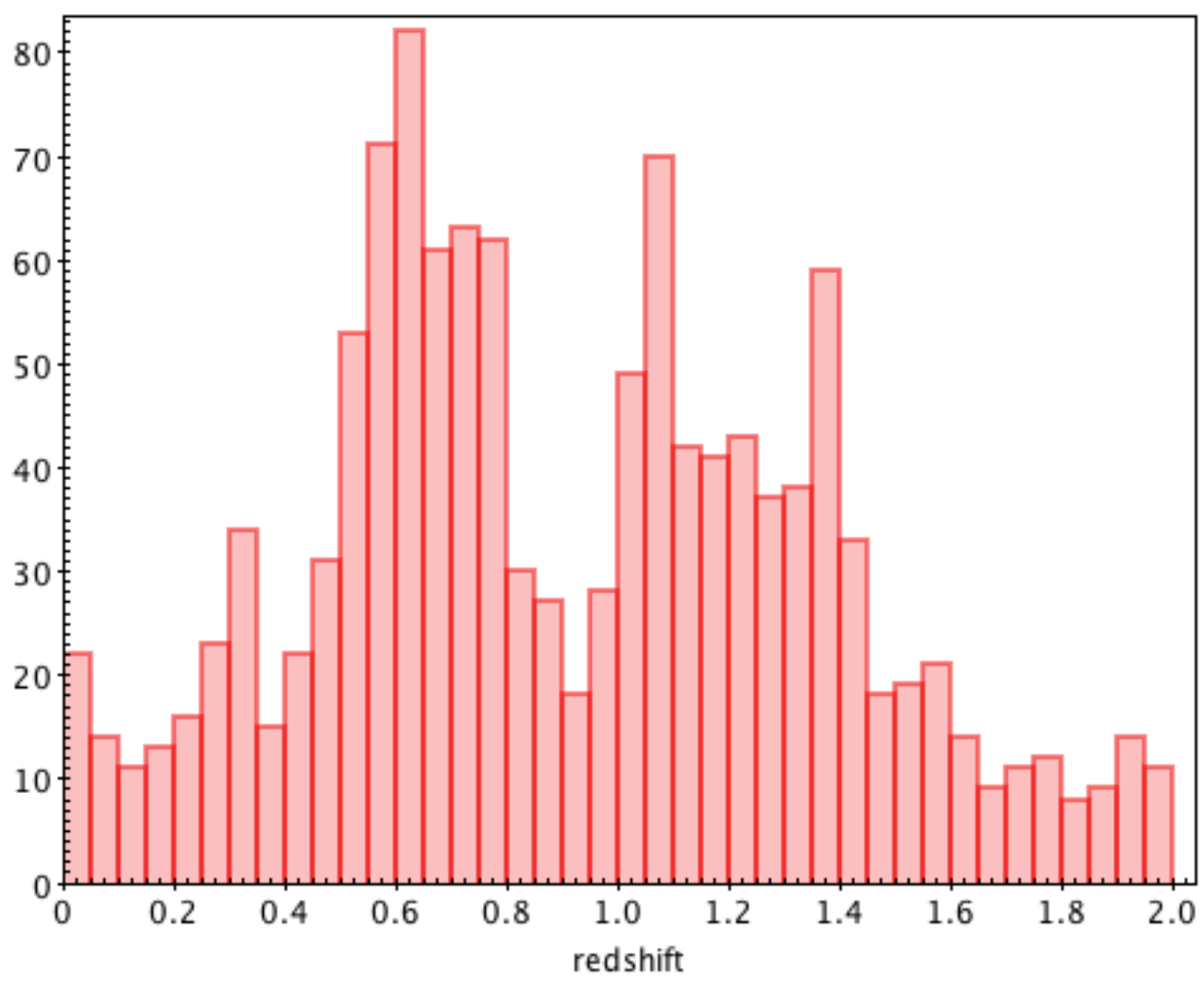
In [67]:

```
f1138(f_Ha,rf_J,rf_U,rf_V,rf_VJ,rf_UV)
```

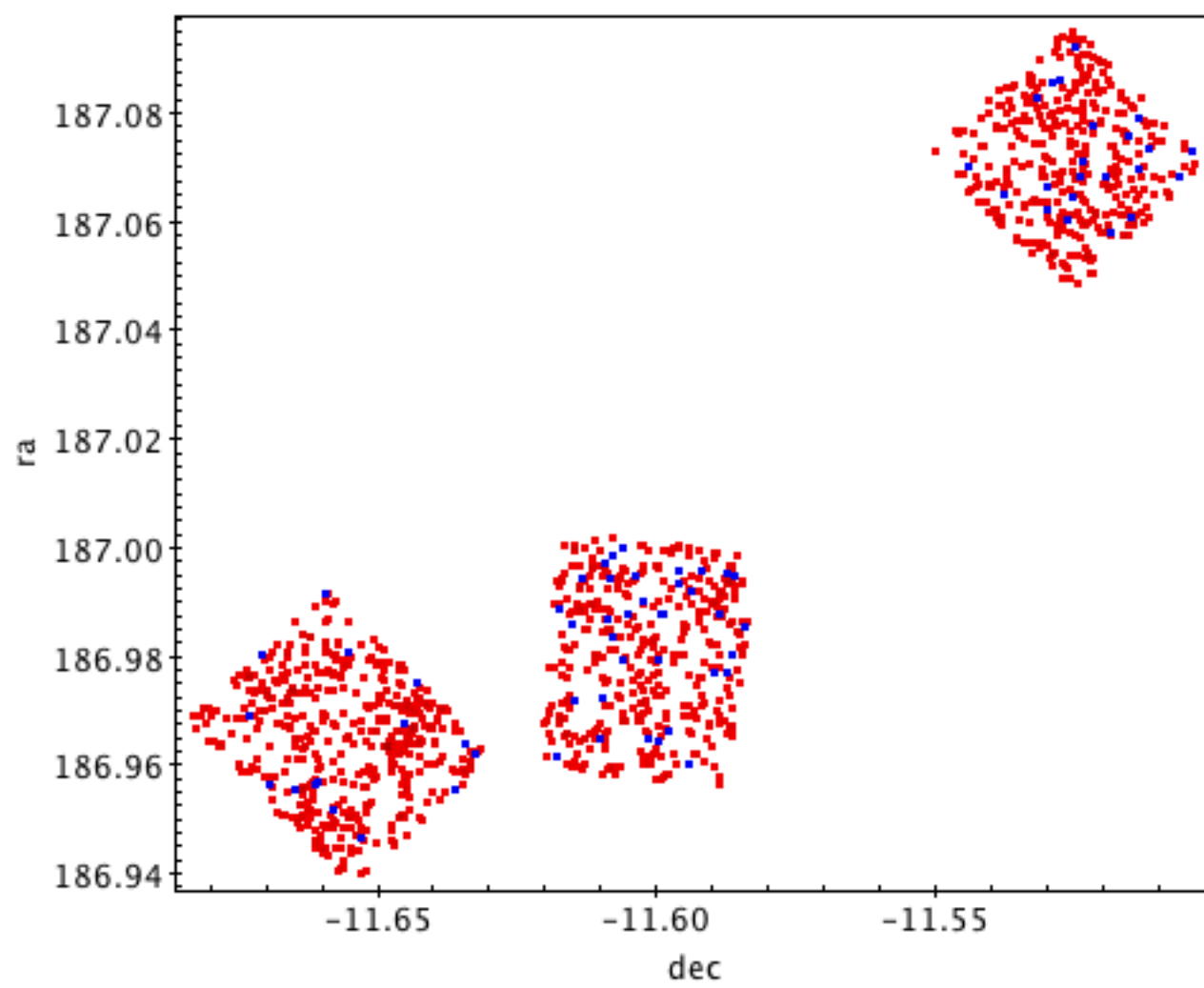


1227-1138 z = 0.6357





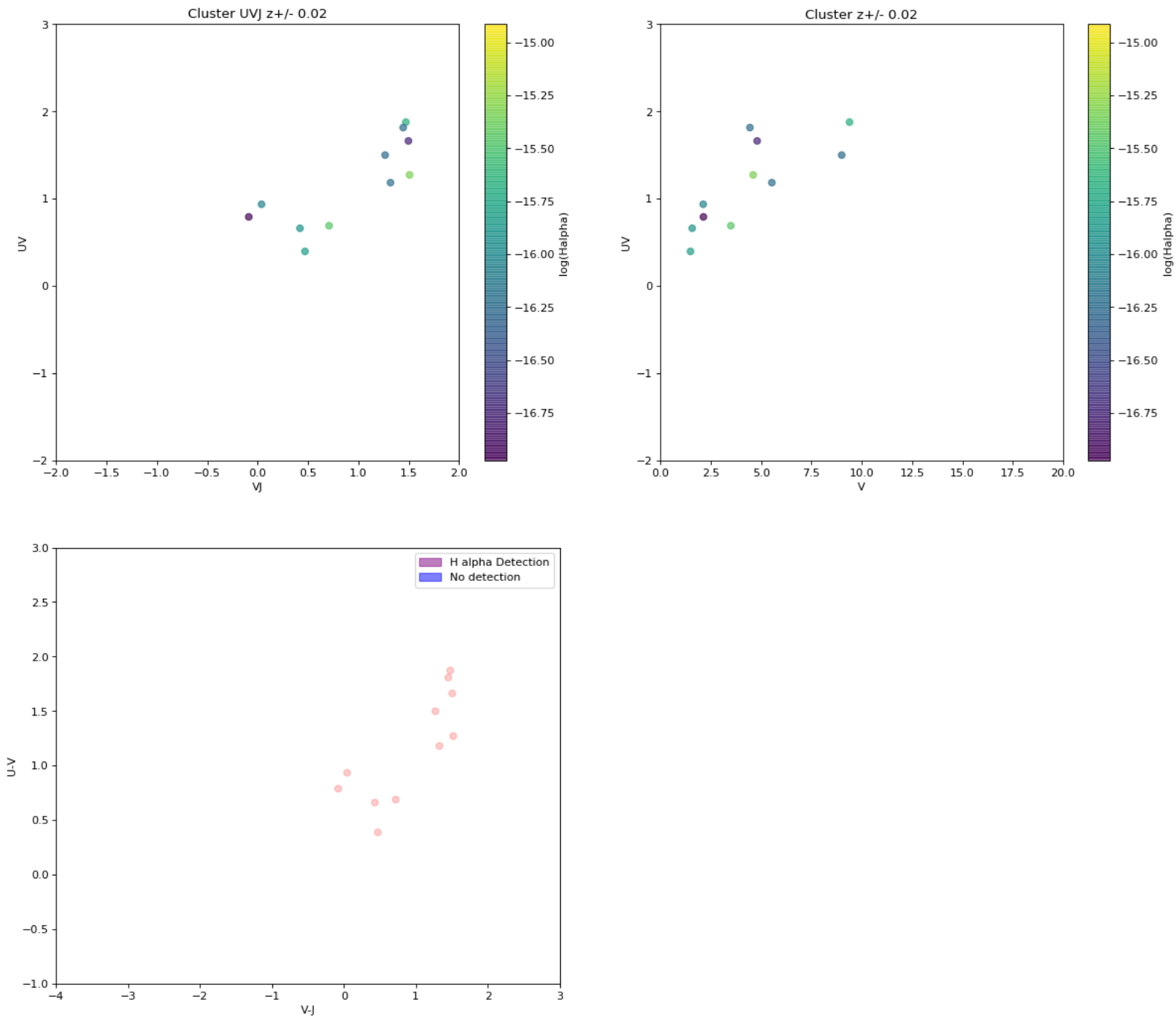
Within 0.02



In [47]:

```
c1227(f_Ha,rf_J,rf_U,rf_V,rf_VJ,rf_UV)
```

<string>:106: RuntimeWarning: divide by zero encountered in log10

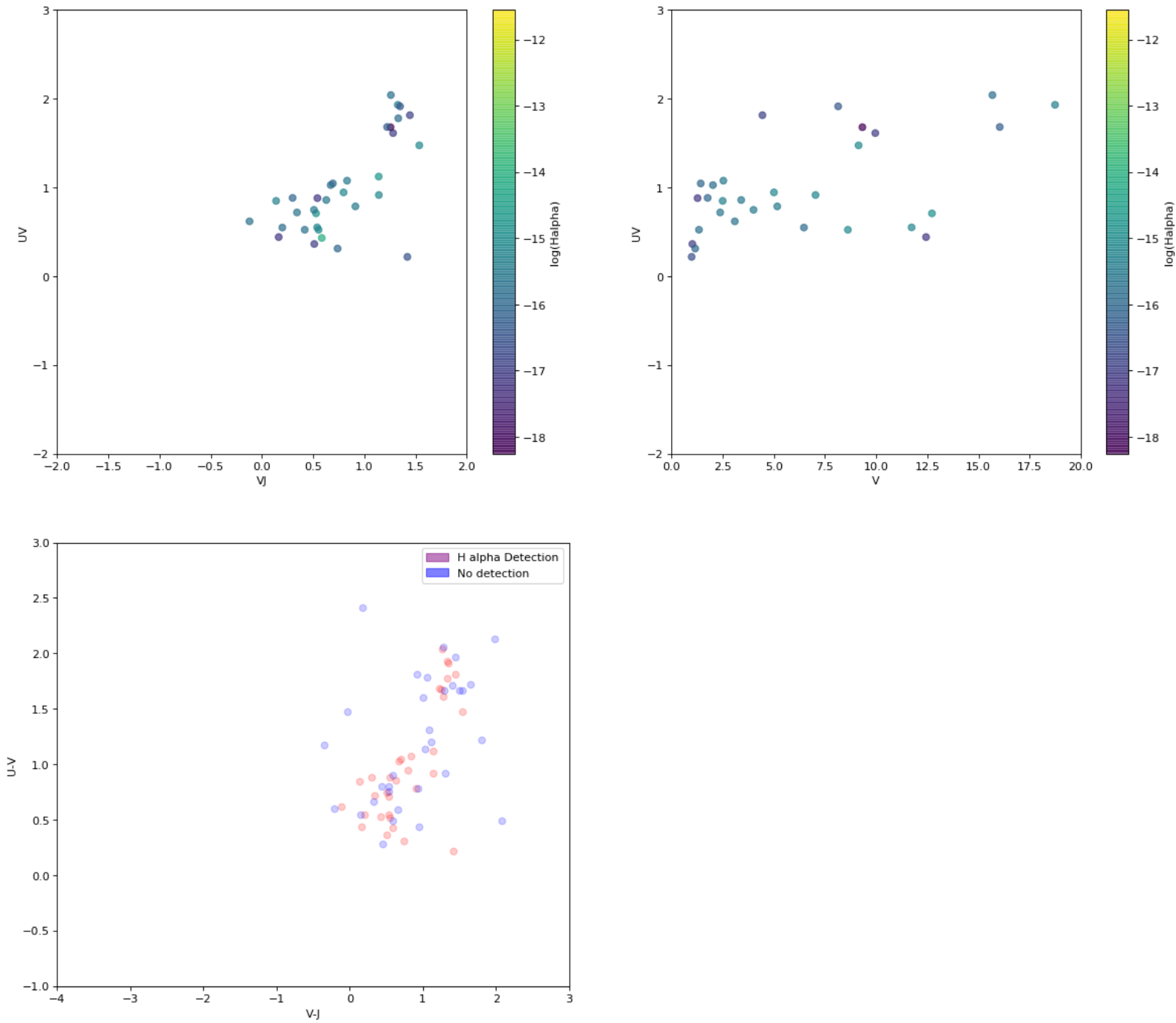


Field

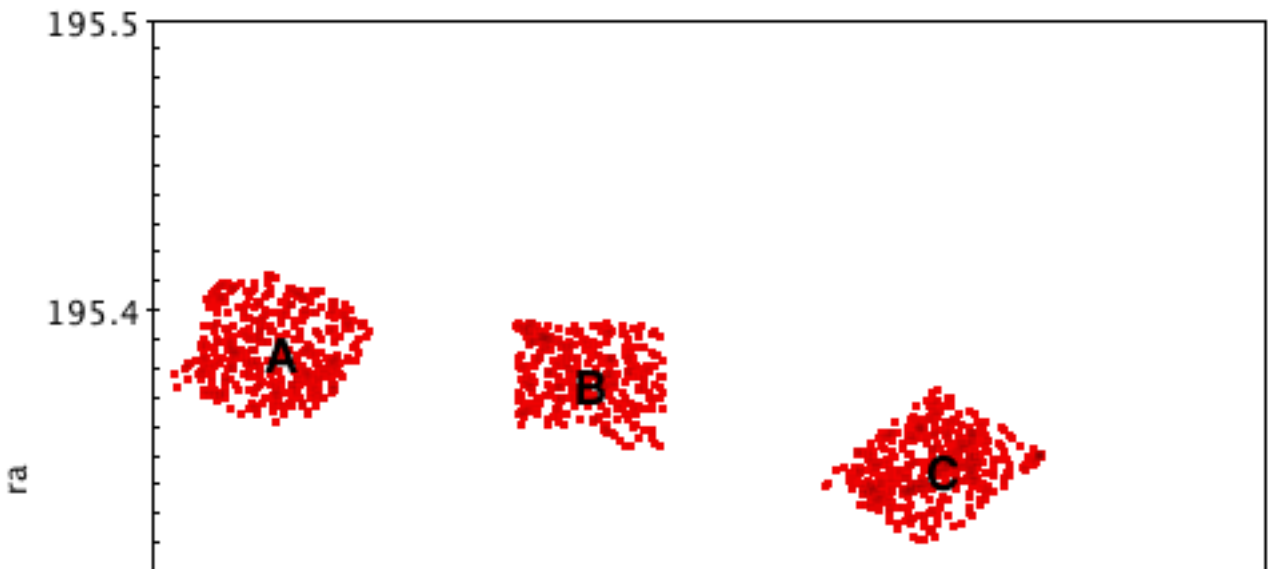
In [69]:

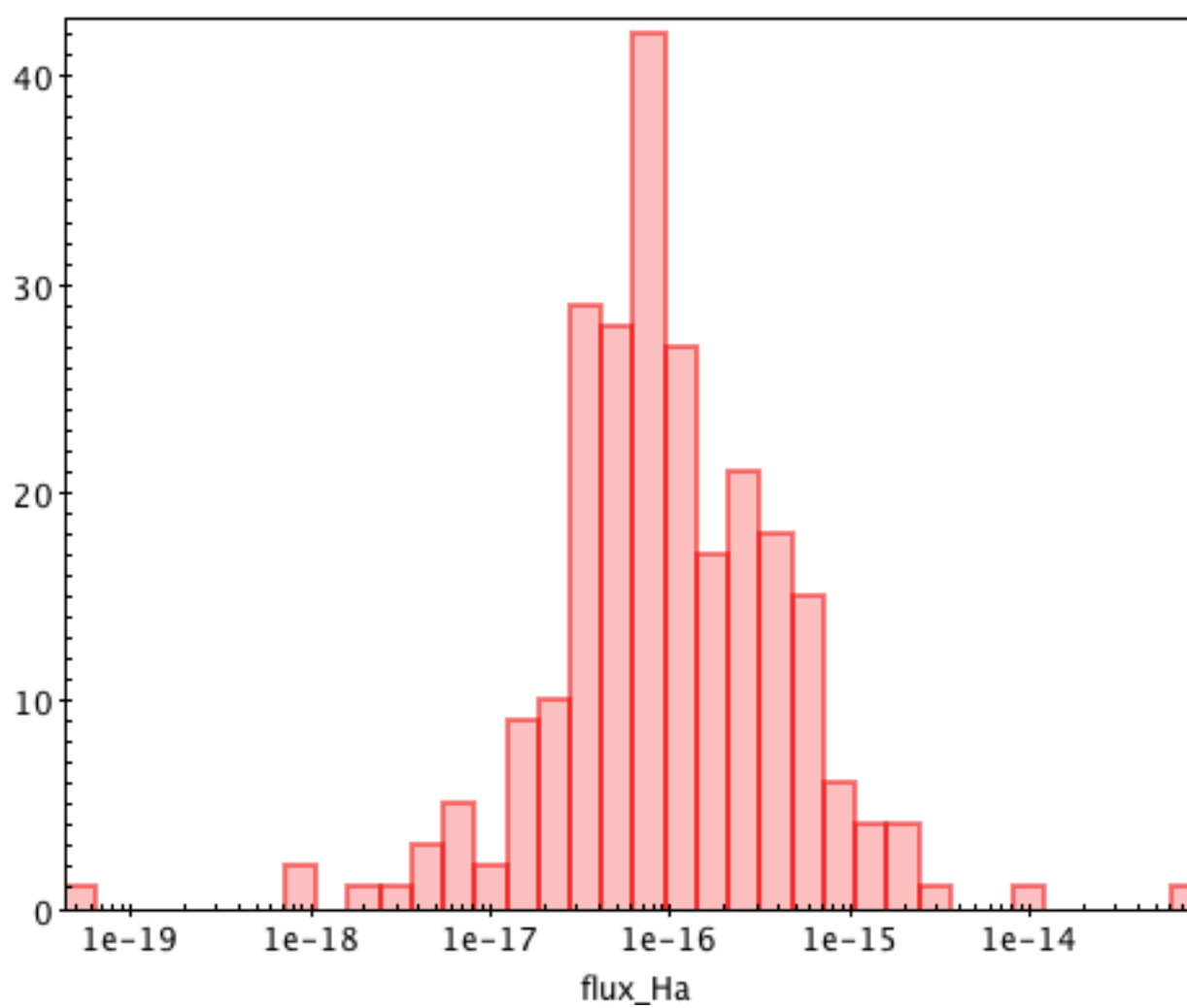
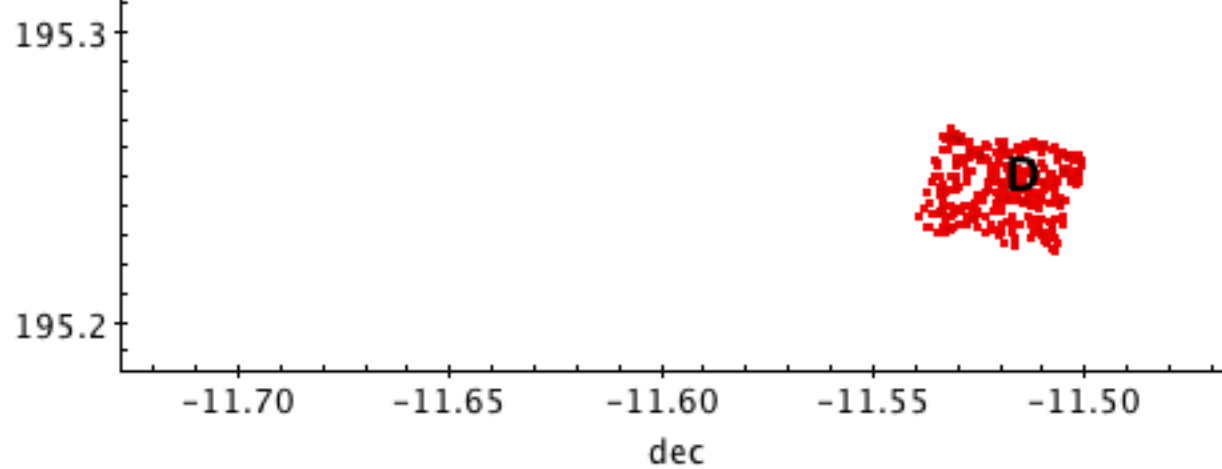
```
f1227(f_Ha,rf_J,rf_U,rf_V,rf_VJ,rf_UV)
```

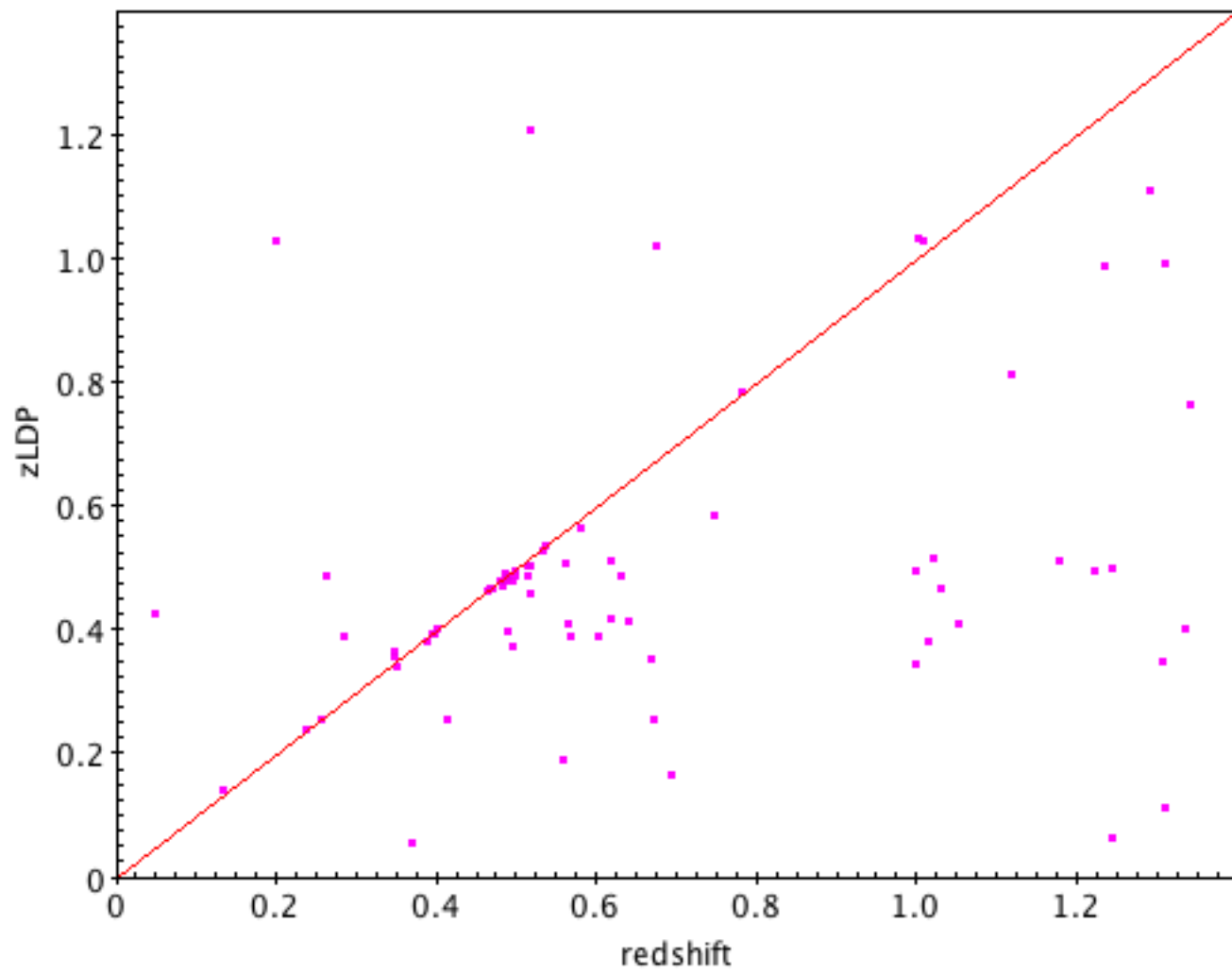
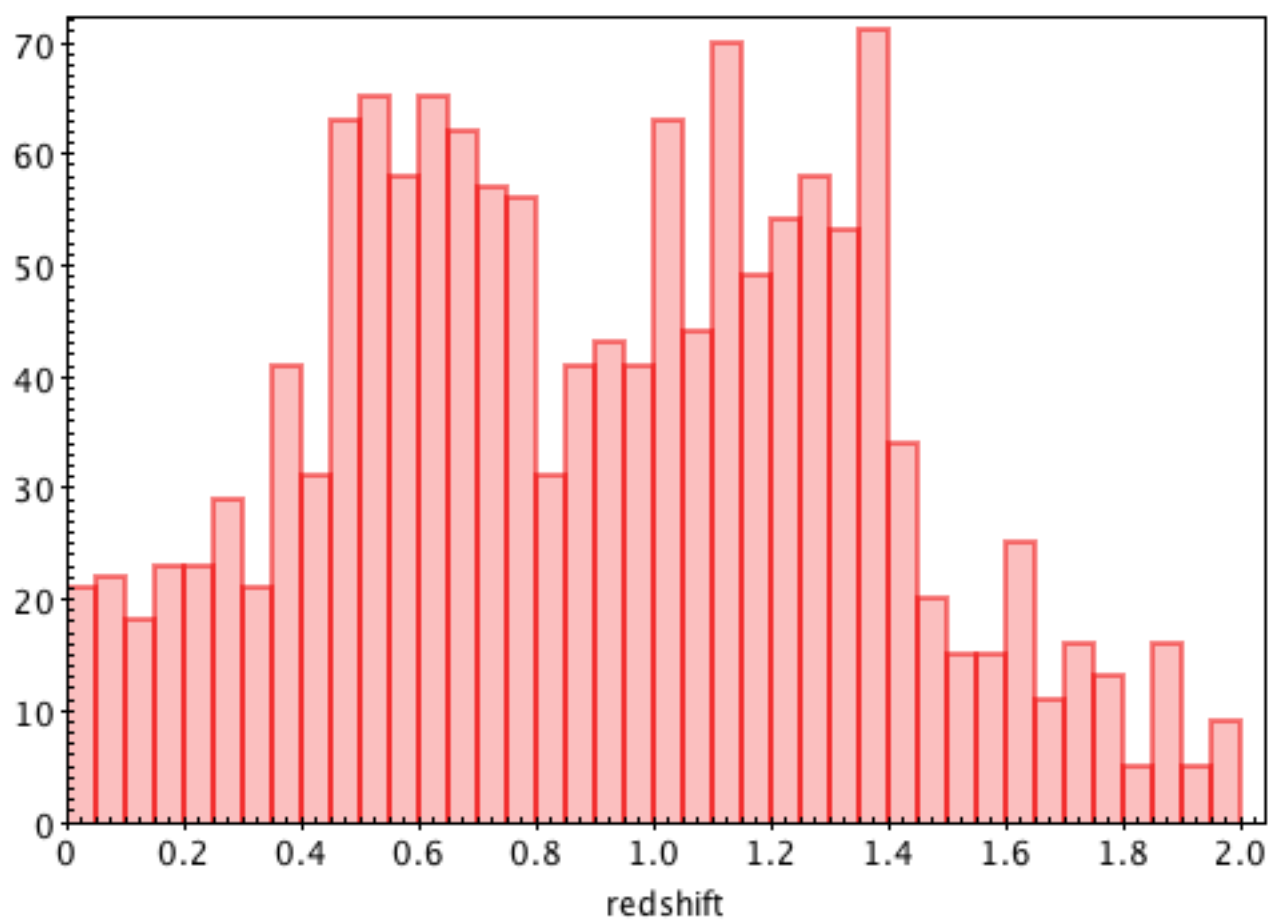
<string>:441: RuntimeWarning: divide by zero encountered in log10



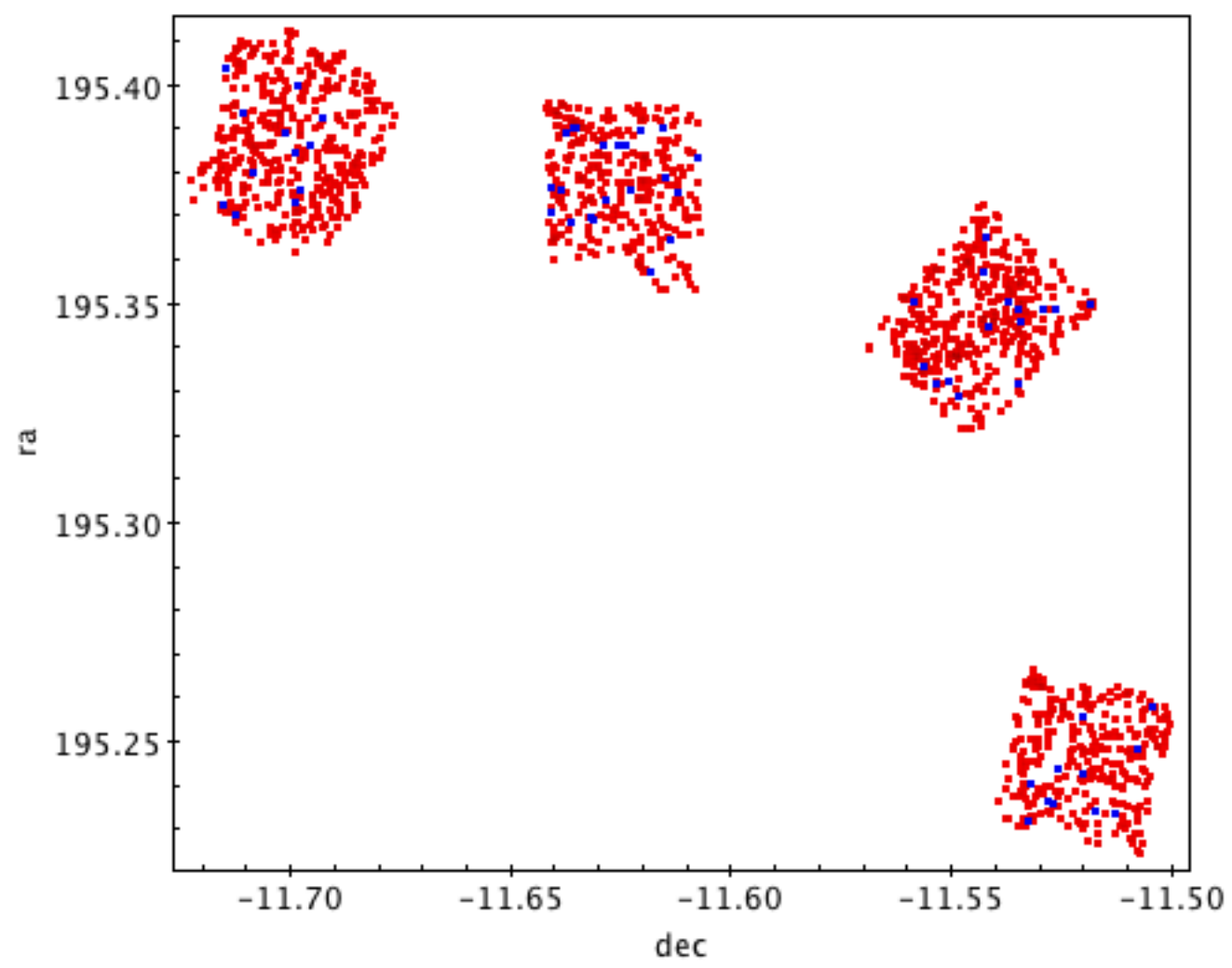
1301-1139 z = 0.4828







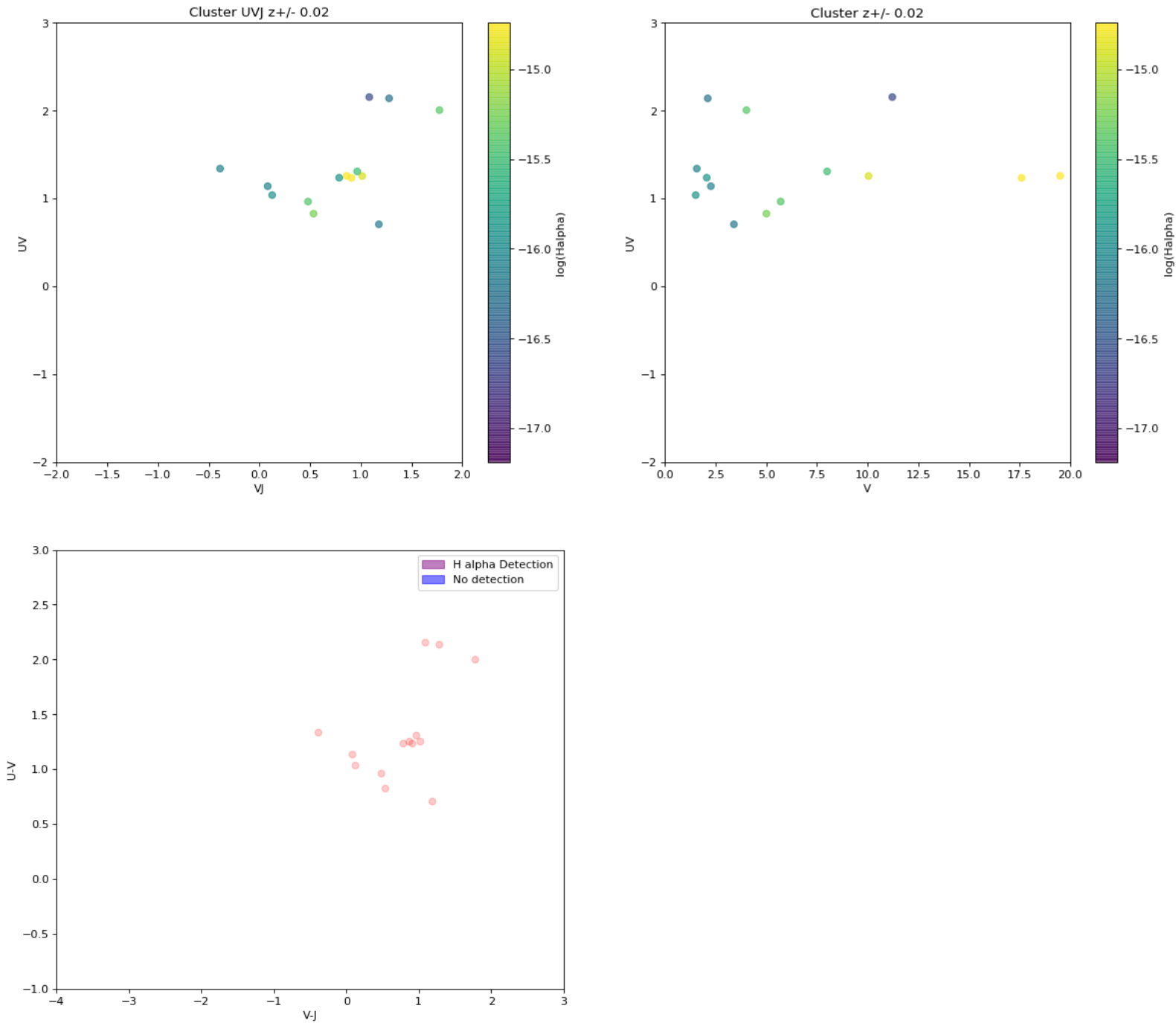
Within 0.02



In [44]:

```
c1301(f_Ha,rf_J,rf_U,rf_V,rf_VJ,rf_UV)
```

<string>:38: RuntimeWarning: divide by zero encountered in log10

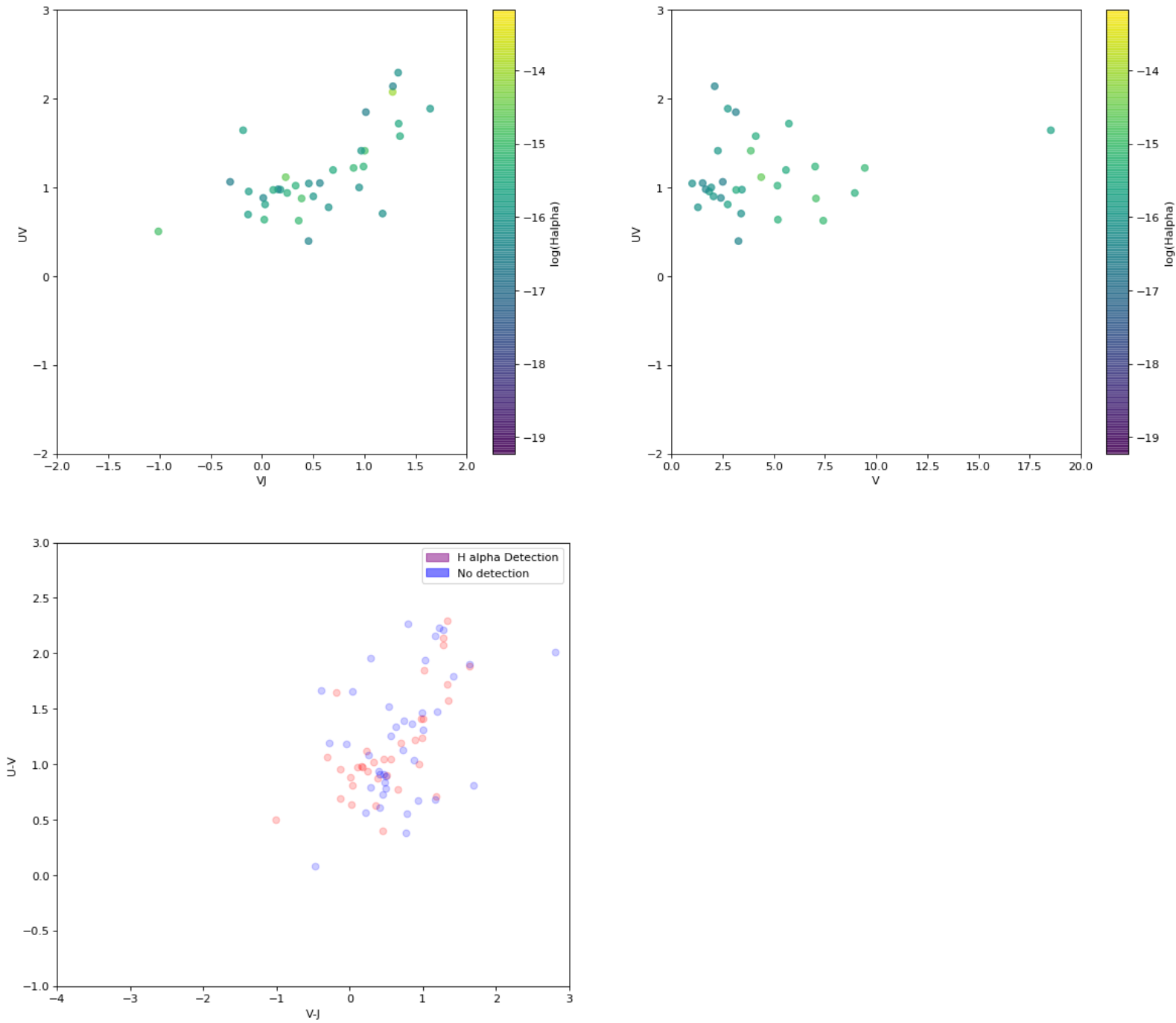


Field

In [71]:

```
f1301(f_Ha,rf_J,rf_U,rf_V,rf_VJ,rf_UV)
```

<string>:510: RuntimeWarning: divide by zero encountered in log10



TO DO:

Add Williams 2009 lines

In []: