

Long term Optical Variability of high redshift($Z > 0.8$) Narrow line Seyfert 1 Galaxies

MSc project report submitted in partial fulfillment of the requirements for the degree of

Master of Science

in

Physics

by

Darvin Raj

(Reg No 1947307)

Neeran Niroula

(Reg No 1947316)

under the guidance of

Dr C.S.Stalin

Associate Professor

Indian Institute of Astrophysics, Bengaluru-560034

&

Dr Blesson Mathew

Assistant Professor

Christ (Deemed to be University), Bengaluru-560029



CHRIST

(DEEMED TO BE UNIVERSITY)

B E N G A L U R U , I N D I A

Department of Physics & Electronics

Christ (Deemed to be University), Bengaluru-560029

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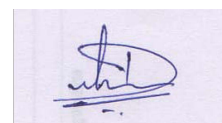
DECLARATION

We, Darvin Raj and Neeran Niroula hereby declare that the project report titled '**Long term Optical Variability of high redshift($Z > 0.8$) Narrow line Seyfert 1 Galaxies**' is a record of original research work carried out by us towards the award of the degree of Master of Science in Physics. We have completed this study under the supervision of Dr C.S.Stalin, Indian Institute of Astrophysics, Bengaluru and Dr Blesson Mathew, Christ (Deemed to be University), Bengaluru.

We also declare that this report has not been submitted for the award of any degree, diploma, associateship, fellowship or other title. We hereby confirm the originality of the work and that there is no plagiarism in any part of the report.

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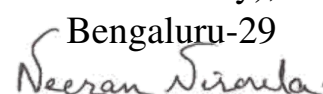
Darvin Raj

(Reg No 1947307)

Department of Physics

Christ (Deemed to be University),

Bengaluru-29



Neeran Niroula

(Reg No 1947316)

Department of Physics

Christ (Deemed to be University),

Bengaluru-29

CERTIFICATE

This is to certify that the project report titled '**Long term Optical Variability of high redshift($Z > 0.8$) Narrow line Seyfert 1 Galaxies**' submitted by Darvin Raj (Reg No 1947307) and Neeran Niroula (Reg No 1947316) is a record of research work carried out by him during the academic year 2017-2018 under our supervision in partial fulfillment for the award of Master of Science in Physics. This project report has not been submitted for the award of any degree, diploma, associateship, fellowship or other title.

Date:

Place: Bengaluru

Dr C.S.Stalin

Indian Institute of Astrophysics,

Bengaluru

Associate Professor

Dr Blesson Mathew

Christ (Deemed to be University),

Bengaluru-29

Assistant Professor

Dr Paul K.T.

Head of the Department

Department of Physics & Electronics

Christ (Deemed to be University),

Bengaluru-29

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Abstract

We present long term optical flux variability studies of a sample of high redshift($z>0.8$) Narrow line Seyfert 1(NLSy1) galaxies from the catalogue of Rakshit et al. (2021) . From a list of 2684 sources , a sample of 2468 had optical data in CRTS. The amplitude of variability for this sample was calculated. These were compared to a sample of 675 BLSy1 galaxies of similar apparent magnitude and redshift. Correlation between variability and redshift was also carried out. It was found that the median variability of NLSy1 is greater than that of BLSy1 galaxies. No correlation between redshift and variability is found.

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2.6	5403-55979-0524	10
2.7	002538.51+22365	10
2.8	003650.00+01310	10
2.9	091854.50+48534	10
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Chapter 1

Introduction and Review of Literature

1.1 Introduction

1.1.1 AGN

Active Galactic Nuclei (AGNs) are the extra galactic sources that are found in many galaxies center. They are amongst the most luminous sources in the sky. The AGNs are believed to be powered by matter falling into the super massive black holes (SMBH) [Lynden-Bell (1969)][Rees (1984)], which blaze with radiation, thus putting out more light than the entire galaxy combined. Most of the energy output from AGNs is of non thermal type of emission, out of which most AGN are strong emitters of X rays, radiation and ultraviolet radiation, along with optical radiation. The AGNs emit radiation with bolometric luminosities up to $10^{48} \text{ erg s}^{-1}$ [Woo and Urry (2002)]. A typical AGN is made of several components like the accretion disk where matter is funneling into the SMBH, a broad line region where optical/UV and broad lines are produced, a molecular torus which is located with few parsecs from the SMBH, a narrow line region which is located at around 100-300 pc from the SMBH and it is the region where the narrow optical lines are created.

1.1.2 Type of AGN

AGNs are broadly divided into "Radio-Quiet and Radio-Loud" Nuclei. In Radio-Quiet nuclei we have a class of galaxies called the Seyfert Galaxies, which are further subdivided into two categories, namely Type 1 Seyfert Galaxies and Type 2 Seyfert Galaxies. Type 1 Seyfert galaxies have both Narrow and Broadened optical emission lines, while type 2 Seyfert galaxies have narrow emission lines only. Other than the Seyfert galaxies, other sub classes of radio-quiet galaxies include radio-quiet quasars and LINERS. Radio-Loud galaxies can also be subdivided into categories like radio galaxies, quasars and blazars. The central region of all the AGNs are thought to be similar and are explained by Unified model of AGN, where the variation of AGN properties are expected to be related to line of sight one has into the central region of the AGN. According to the unified model AGN have a central massive black hole surrounded by a gaseous accretion disk of a few light days across. Outward from the centre of the AGN there exists a fast moving gas clouds at a distance of 100 light days, which produces the broad emission lines and is known as the "broad line region". Further outward at around 100 light years in diameter, there exists a torus of colder gas which is optically thick. Around a distance of 1000 light years, a small, low density of gas clouds moving at a lower speed compared to that in broad line region exists which produces the narrow emission lines and is called as the "Narrow line region". One of the most prominent feature in many radio galaxies is the presence of radio jets. Radio emission is produced in many AGN and are collimated into jets, which propagates in a direction that is perpendicular to the plane of the accretion disc. Based on the angle of line of sight with respect to torus, different AGNs are detected:- The molecular torus as mentioned is optically thick and when viewed edge on, the spectra obtained from this view, the emission lines from the narrow region and some infrared emission from the torus will only be obtained, as the black hole, accretion disk and broad line region are hidden, in this case the AGN observed will be detected as Seyfert 2, Narrow line radio galaxies and quasars. If the AGN is viewed in such a way that the torus is tilted at 45 degrees our line of sight will allow us to view into the central

region, thereby both broad and narrow lines will be visible, in this case the AGNs will be detected as Seyfert1, broad line radio galaxies and quasars. If the AGN is viewed in such a way that the torus is tilted at 90 degree to our line of sight,i.e we look face-on at the nucleus and jets,then the spectra will appear featureless as the emission from the jet dominates over narrow or broad lines, in this case blazars, BL Lacs, are detected.

1.1.3 NLSy1

Narrow line Seyfert 1(NLSy1) agn are a peculiar type of AGNs having $\text{FWHM}(\text{H } \beta) < 2000\text{kms}^{-1}$, weak [O III] emission line with a flux ratio of [O III] to H β < 3 and it shows strong Fe II emission relative to H β [Osterbrock and Pogge (1985)] [Goodrich (1989)] High amplitude X-ray variability and a strong soft X-ray excess are seen in this galaxies. They harbor low mass black holes of mass in the range 10^6 - 10^8 mass of the sun and have high Eddington ratio [Zhou et al. (2006), Xu et al. (2012),Rakshit and Stalin (2017)]. However Baldi et al. (2016) and the references therein suggested that NLSy1 galaxies have $M_B H$ similar to BLSy1 galaxies and the main difference between them is due to geometrical effects.

1.1.4 Variability of AGN

One of the most important characteristics of AGN's are the variation on emitted flux which ranges from minutes, hours to days time scales. The optical variability of AGNs are studied extensively and have revealed that their are important connections between the variability and their various important physical properties. There are several models that have been proposed to explain the variation in observed flux, some of them are as follows:

- Accretion disk instabilitiesKawaguchi et al. (1998),:-For this model, an accretion disk atmosphere emitting a power-law X-ray spectrum that is substantially fluctuation in time is considered.The hypothesis of this model is that there is certain

instabilities taking place in the accretion disk around a super massive black hole that leads to optical variability.

- Starburst model:- The starburst model(SB model) is proposed to explain the properties such as broad emission lines and optical variability of radio-quiet AGN [Terlevich et al. (1992) Cid Fernandes et al. (1997)] According to this model,random superposition of supernovae in the nuclear starburst region is responsible for variability in luminosity in different time scale.
- Poisson Process [Fernandes et al. (2000)]:-In this model AGN are considered as a physical system in which the variations are due to the stochastic superposition of independent flares properties such as energy timescale, rate,which are occurring at a given mean rate but randomly distributed in time.
- Damped Random Walk(DRW) [Kelly et al. (2009)]:-A damped random walk is a stochastic process defined by an exponential co-variance matrix that acts as a random walk for shorter time scales and asymptotically achieves a finite variability amplitude at long time scales. A DRW model provides a satisfactory statistical description of observed quasar variability in the optical wavelength range for rest frame timescales from 5 days to 2000 days.

Previous studies on NLSy1 agn have shown that NLSY1 as a class show less variability then BLSy1 agn and the extreme variability seen in the soft X-ray is not present in the optical. Ai et al. (2010) and Ai et al.(2013) did a comparative study of NLSy1 and BLSy1 agn taking a sample of 55 NLSy1 agn and a control sample of 108 BLSy1, where they found that the amplitude of variability increases with the width of $H\beta$ and strength of [O III] lines but it decreases with the the strength of Fe II emission,they also found that variability is anti-correlated with Eddington ratio but is insignificant with luminosity. Rakshit and Stalin (2017) made used of 5510 NLSy1 and 5510 BLSy1 Agns,out of which 2161 NLSy1 and 2919 BLSy1 show variability in CRTS long-term light curve on time scale larger than a day. They found the same result that was earlier found about

NLSy1 as class showing lower amplitude of variation in optical compared to its broad counter part. They also found a strong anti correlation between the amplitude of variability and $R_{(4570)}$ and λ_{edd} suggesting that accretion disk as the main driver of the optical variability in both broad and narrow line Seyfert 1 galaxies.etc

1.1.5 Motivation of the Project

AGNs have been studied extensively for their Optical Variability. NLSy1 galaxies that were known or identified before were those with redshift < 0.8 . Recently, Suvendu published a catalog of NLSy1 galaxies beyond red-shift > 0.8 . As this catalog is out, our aim in this project is to carry out the long term optical variability characteristics of these high redshift NLSy1 candidates. In addition to characterising the long term variability characteristics of high red-shift NLSy1 galaxies, we also compare how the long term variability properties of the high red-shift NLSy1 galaxies with that of the high redshift BLSy1 galaxies.

Chapter 2

Data and Methodology

2.1 Data Sources

The NLSy1 galaxies were chosen from Rakshit et al. (2021). The BLSy1 galaxy list were taken from Rakshit et al. (2020). The 'ugriz' data of the BLSy1 galaxies were taken from SDSS DR 14 [Blanton et al. (2017)]. The H_β spectrum data was taken from the vizier catalog Rakshit S. (2020). The optical data for NLSy1 and BLSy1 galaxies were taken from CRTS Drake et al. (2009).

2.1.1 CRTS 2

The Catalina Real Time Transient Survey, CRTS was established in late 2007 as a synoptic survey for optical transients using freely provided CSS image survey data. Transient phenomena include supernovae, blazars, binary stars, cataclysmic variables, active galactic nuclei, etc. Once transient events are discovered within the images, CRTS, operated from the California Institute of Technology, immediately posts alerts, allowing observers worldwide to rapidly acquire data of the event before it subsides. This "downstream" application of CSS survey data has generated a substantial quantity of important discoveries

2.1.2 SDSS DR 14

The SDSS DR 14 is the second data release of the 4th generation of Sloan Digital Sky Survey, and the fourteenth from SDSS overall. It contains the first public release data of the extended Baryon Oscillation Sky Survey (eBOSS), Apache Point Observatory (APO) Galactic Evolution Experiment (APOGEE-2), including data driven machine learning algorithm "The Cannon" 's estimates of stellar parameters Blanton et al. (2017). It contains twice as many data cubes from Mapping Nearby Galaxies at APO (MaNGA) survey as were in the previous release

2.2 Data Selection

2.2.1 Preparing BLSy1 galaxy list

The data of BLSy1 galaxies were scattered between the SDSS DR 14 and vizier catalog Rakshit S. (2020). While the vizier catalog contained the H_β measurements , the Magnitude data was only available in DR 14. First the vizier catalog was filtered for BLSy1 galaxies by selecting galaxies with Broad line component FWHMHb-BR > 2000 km/s . Then cross-referencing the SDSS names of the filtered BLSy1 galaxies with the SDSS DR 14 quasar data, The average V magnitude was calculated using the 'ugriz' data, using the equation.

$$V = g - 0.52(g - r) - 0.03 \quad (2.1)$$

This gave us a list of 73654 BLSy1 galaxies.

2.2.2 Selecting BLSy1 counterparts

The BLSy1 galaxies required were selected by finding the the closest match to NLSy1 galaxy in terms of Average Apparent Magnitude and Redshift. This was done by subtracting the average apparent magnitudes and redshift values of given NLSy1 galaxy with all the BLSy1 galaxies. Then the BLSy1 galaxy with minimum difference was chosen.

[Python code]

This gave us a list of 675 BLSy1 galaxies , since some NLSy1 galaxies shared the same BLSy1 galaxy.

2.3 Methodology

2.3.1 Plotting Light curves

The optical data for each NLSy1 and BLSy1 galaxy was downloaded from [CRTS DR2 single cone search](#) using a python script to automate loading RA and DEC parameter and save the result as .csv. Each of the optical data downloaded in .csv format was loaded into python and plotted using *matplotlib* package *scatter* function. [Sample plots]

2.3.2 Calculating σ (amplitude of variability)

The amplitude of variability is calculated using the formalism suggested by Sesar et al. (2007) as used by Ai et al. (2010)

$$\sigma_m = \begin{cases} \sqrt{\Sigma^2 - \epsilon^2} & \text{if } \Sigma > \epsilon , \\ 0 & \text{otherwise} \end{cases} \quad (2.2)$$

where ,

$$\Sigma = \sqrt{\frac{1}{n-1} \sum_{i=1}^N (m_i - \langle m \rangle)^2} \quad (2.3)$$

$$\epsilon = \frac{1}{N} \sum_{i=1}^N \epsilon_i^2 \quad (2.4)$$

Here ϵ refers to the error contribution to the variance by individual magnitude measurement errors ϵ_i $\langle m \rangle$ is the average magnitude of the galaxy and m_i is each individual magnitude measurement. [Python code]

2.3.3 Analysis

Once the amplitude of variability for each galaxy is calculated, a histogram of the amplitude is plotted using *hist* function. By passing *density = True* parameter, we get the normalized histogram. [Python code]

Using the *numpy* package *histogram* function, we got the distribution of σ_m . We divide it by $\Sigma\sigma_m$ to normalize it. Then using the *numpy* package *cumsum* function, we calculate the CDF (Cumulative distribution function) and plot it using *plot* function.

The two series of σ_m values are passed to the *ks_2samp* function (The 2 sample K-S test) of *scipy.stats* package. The result of the output is printed on the CDF plot [Python code]

A amplitude of variability vs redshift plot is plotted to check for correlation, if any. Then Spearman's rank coefficient and Kendall correlation were calculated for the pair using their respective functions from the *scipy.stats* package

2.4 Sample Light curves

2.4.1 NLSy1 Galaxies

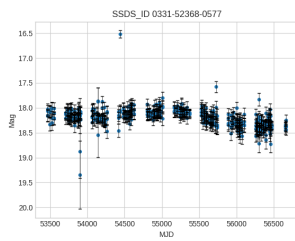


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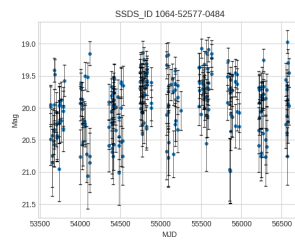


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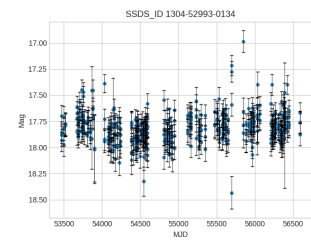


Figure 2.3 1304-52993-0134

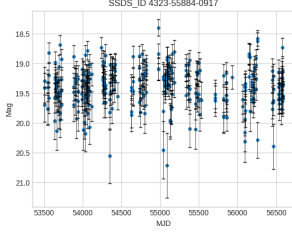


Figure 2.4 4323-55884-0917

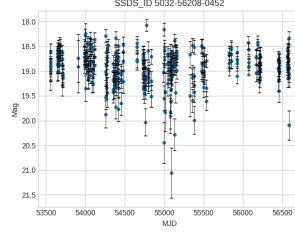


Figure 2.5 5032-56208-0452

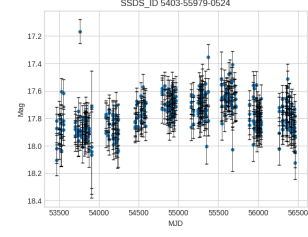


Figure 2.6 5403-55979-0524

2.4.2 BLSy1 Galaxies

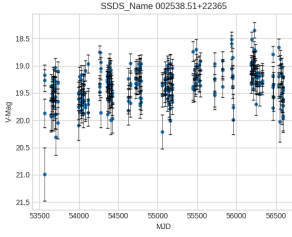


Figure 2.7 002538.51+22365

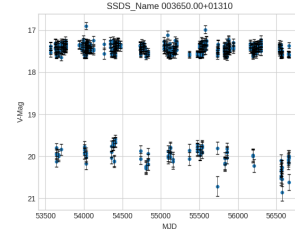


Figure 2.8 003650.00+01310

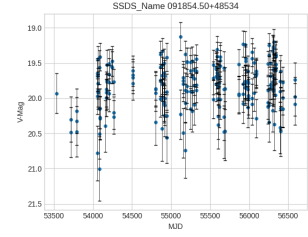


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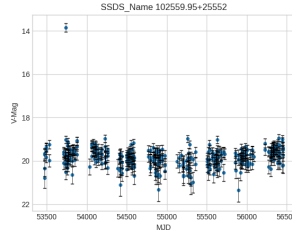


Figure 2.10 102559.95+25552

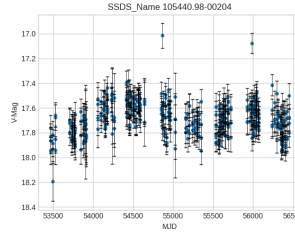


Figure 2.11 105440.98-00204

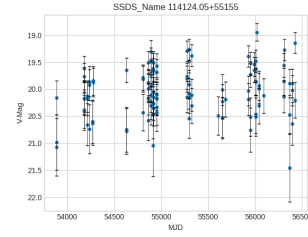


Figure 2.12 114124.05+55155

Some of the V band light curves of NLSy1 and BLSy1 agns are shown above. The blue points with black error bars are the CRTS data. The data obtained ranges from MJD 53500-56500 which in terms of years ranges from 2005-2013. The variability characteristics of all the sources can be quantified by fitting the light curves using DRW model implemented in JAVELIN which is a python code developed by Zu et al. (2011) but we have kept this for further analysis.

Chapter 3

Result and Analysis

- We compared a total of 2685 NLSy1 sources with 675 BLSy1 sources.
- The median of the two σ_m distributions are 1.305 and 1.274 for NLSy1 and BLSy1 respectively.
- Performing a 2 sample K-S test on the two distributions gave a D-statistic of 0.18 and a p-value of 2.66×10^{-15}
- D-critical value for the test with alpha as 0.001 is 0.0532, indicating the two distributions are indeed different
- In the correlation test between amplitude of variability σ_m and redshift z , we get a Spearman's rank coefficient of 0.0351 with a p-value 0.0859; a Kendall coefficient of 0.0233 with a p-value 0.0869, indicating a weak positive correlation with 90 percent confidence.

3.1 Plots

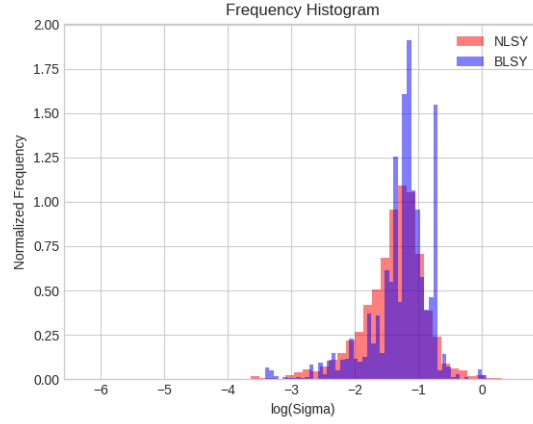


Figure 3.1 Plot of logarithm of amplitude of variability $\log(\sigma)$ for NLSy1 and BLSy1 galaxies

In Figure 3.1 we can see the peak of the NLSy1 AGNs have a more negative value than the BLSy1 counterparts, indicating a higher median value.

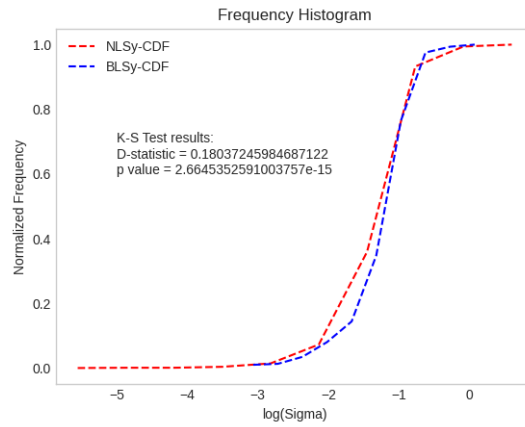


Figure 3.2 Cumulative Distribution Function of $\log(\sigma)$ and result of KS test

Figure 3.2 shows that the distributions are similar to the eye, which then requires a K-S Test to check if the distribution are actually same or different.

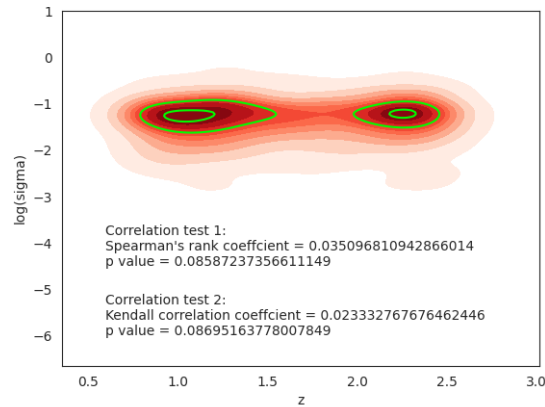


Figure 3.3 Correlation of $\log(\sigma)$ and z
lime green contours represent areas of 68 and 95 percent density

Figure 3.3 shows the lack of significant correlation to the eye. Conducting correlation tests, output a weak correlation with 90 percent confidence.

3.2 Inference

- NLSy1 galaxies are found to show larger amplitude of optical variations compared to BLSy1 galaxies
- No correlation between the amplitude of variability and redshift

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Chapter 4

Appendix

4.1 Codes

4.1.1 Selecting BLS1 galaxies

```
import pandas as pd
import numpy as np

#load csv to dataframes
NLSy_df = pd.read_csv('../data/aveSigNYSL.csv')
dr14_df = pd.read_csv('../data/properBLSywithMag.csv')
out_df = NLSy_df.copy(deep=True)

#remove unwanted values
dr14_df = dr14_df.drop(['Unnamed: 0', 'Unnamed: 0.1'], axis = 1)

#add blank columns for matching SDSS id ,RA and DEC
out_df['qSDSS_NAME'] = out_df['SDSS_NAME']
out_df['qRA'] = out_df['RA']
out_df['qDEC'] = out_df['DEC']
```

```
#lambda for absolute
a = lambda x : np.absolute(x)

#print(out_df.head())

for label, row in out_df.iterrows() :

    #extract mag and z value
    mag_val = out_df.iloc[label, 5]
    z_val = out_df.iloc[label, 4]
    try:
        #calculate mag and z difference
        dr14_df['Mag_diff'] = a(dr14_df['Mag']-mag_val)
        dr14_df['z_diff'] = a(dr14_df['z']-z_val)

        #find minimum difference sum , i.e closest match to NLSy
        dr14_df['t_diff'] = dr14_df['Mag_diff'] + dr14_df['z_diff']
        dr14_df.sort_values(by = 't_diff',inplace=True)

        #store first value ( minimum z and mag difference )
        out_df.iloc[label,7] = dr14_df.iloc[0,1] # sdss id
        out_df.iloc[label,8] = dr14_df.iloc[0,2] # ra
        out_df.iloc[label,9] = dr14_df.iloc[0,3] # dec

    except:
        print("exception yo"+str(label))

out_df.to_csv("matched.csv")
```

```
print("done")
```

4.1.2 Plotting Lightcurves using data from CRTS2

```
import matplotlib.pyplot as plot
import csv
plot.style.use('seaborn-whitegrid')

def savePlot(dataFile):
    x = []
    y = []
    err = []
    with open('../data/BLSy_source/'+dataFile,'r') as csvfile:
        data = csv.reader(csvfile,delimiter=',')
        next(data, None)
        for row in data:
            x.append(float(row[2]))
            y.append(float(row[9]))
            err.append(float(row[3]))

    plot.scatter(y,x,s=15.0)
    plot.gca().invert_yaxis()
    plot.errorbar(y,x,yerr=err,elinewidth = 0.5, fmt='.k',visible=0, capsize=2)
    plot.xlabel('MJD')
    plot.ylabel('V-Mag')
    plot.title('SSDS_Name '+dataFile[0:15])
    plot.savefig('../BLSy_plots/'+dataFile[0:15]+' .png')
    plot.clf()
```

```
sourcesFile=open('../data/BSy_sourceList.txt','r')
sourcesLines=sourcesFile.readlines()

count = 1

for line in sourcesLines :
    tmpFile = line[:len(line)-1]
    savePlot(tmpFile)
    print(count,' --- ',tmpFile,' done')
    count = count+1

print("Done")
```

4.1.3 Calculating Amplitude of Variability (σ)

```
import numpy as np
import matplotlib.pyplot as plot
import csv

def aveCalc(dataFile):
    mag = []
    err = []

    with open(dataFile,'r') as csvfile:
        data = csv.reader(csvfile,delimiter=',')
        next(data,None)
        for row in data :
            mag.append(float(row[2]))
            err.append(float(row[3]))

    sum = 0
    for i in mag:
```

```
        sum+=i
    if len(mag) == 0 :
        avg = 0
    else :
        avg = sum/len(mag)

    return avg

def sigmaCalc(dataFile):
    mag = []
    err = []
    #dataFile = "0266-51630-0208.csv"

    with open(dataFile,'r') as csvfile:
        data = csv.reader(csvfile,delimiter=',')
        next(data,None)
        for row in data :
            mag.append(float(row[2]))
            err.append(float(row[3]))

    sum = 0
    for i in mag:
        sum+=i
    if len(mag) == 0 :
        avg = 0
    else :
        avg = sum/len(mag)

    errSumSqr = 0
```

```
for i in err:
    errSumSqr+=(i*i)

errAvgSqr=0

if len(err) == 0 :
    avg = 0
else :
    errAvgSqr = errSumSqr/len(err)

sigmasum = 0
for i in mag:
    sigmasum+= (i-avg)**2

sigmasum = sigmasum/(len(mag)-1)

#sigmasum = sigmasum**(1/2)

if sigmasum > errAvgSqr :
    sigma = (sigmasum - errAvgSqr)**(1/2)
else:
    sigma = 0
return sigma
```

4.1.4 Plotting Normalized Histogram Distribution of σ

```
import matplotlib.pyplot as plot
```



```
import csv

import numpy as np

plot.style.use('seaborn-whitegrid')

def returnHist(file , column): #params = filename , column number , colorOfPlot ,
    x = [] #storing values

    #Read Data to be plotted
    with open (file , 'r') as csvfile:
        data = csv.reader(csvfile,delimiter=',')
        next(data, None) #skip header

        for row in data:
            try:
                val = float(row[column]) #extract sigma

                if val != 0 : #log(zero) error
                    x.append(np.log(val)) # store log(sigma)

            except:
                print("shit happens")

    return x

def main():

    #sigma values of NLSY
    #NLSY = returnHist("../aveSigNYSL.csv", 6)

    #sigma values of BLSY
```

```
BLSY = returnHist("../data/aveSigBLSy.csv", 4)

#compared NLSY - 371 sources
NLSY = returnHist('../data/aveSigNLSy.csv',6)

plot.hist(NLSY, bins=50, alpha=0.5, color='r', density=True, stacked=True , label=NLSY)
plot.hist(BLSY, bins=50, alpha=0.5, color='b', density=True, stacked=True , label=BLSY)

plot.gca().set(title='Frequency Histogram', ylabel='Normalized Frequency' , xlabel='Frequency')
plot.legend()
#plot.show()
plot.savefig("../sigComp371.png")

#main()
```

4.1.5 Plotting Cumulative Distribution function for σ and performing KS-test

```
import matplotlib.pyplot as plot
import csv
import numpy as np
import plotSig as ps #sigma extraction is in plotSig.py
from scipy.stats import ks_2samp

def plotPDF_CDF(data, c, l, flag): #plot PDF if flag = True , else CDF

    # getting data of the histogram
    count, bins_count = np.histogram(data, bins=10)
```

```
# finding the PDF of the histogram using count values
pdf = count / sum(count)

# using numpy np.cumsum to calculate the CDF
# We can also find using the PDF values by looping and adding
cdf = np.cumsum(pdf)

# plotting PDF and CDF
if(flag):
    plot.plot(bins_count[1:], pdf, color=c, label=l+"-PDF")
else:
    plot.plot(bins_count[1:], cdf, color=c, label=l+"-CDF",linestyle='dashed')
plot.legend()

def main():
    #sigma values of NLSY
    #NLSY = ps.returnHist("../aveSigNYSL.csv", 6)
    #sigma values of BLSY
    BLSY = ps.returnHist("../data/aveSigBLSy.csv", 4)

    #only 371 sources matched -so
    NLSY = ps.returnHist("../data/aveSigNLSy.csv", 6)

    flag=False
    #flag=True

    #calling plot functions
    plotPDF_CDF(NLSY, 'r', "NLSy", flag)
```

```

plotPDF_CDF(BLSY, 'b', "BLSy", flag)

#print KS result
D, p = ks_2samp(NLSY, BLSY)
out = "K-S Test results: \nD-statistic = "+str(D)+"\np value = "+str(p)
plot.text(-5, 0.6, out)

#bells and whistles (cosmetics)
plot.grid(False)
plot.gca().set(title='Frequency Histogram', ylabel='Normalized Frequency' , xlabel='Frequency')

#plot.show()
plot.savefig("../sigCDF371.png")
#print(ks_2samp(NLSY, BLSY))

main()

```

4.2 Data

4.2.1 Matched list of NLS1 and BLS1 galaxies

Table 4.1 List of matched NLS1 with BLS1

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7875-56980-0288	18.022884	-3.1301037	103439.69+532850.1	158.6654	53.480634
6196-56189-0542	7.7595089	14.033448	084007.63+441604.3	130.0318	44.267887
Continued on next page					

Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7859-57282-0144	18.026161	1.7424007	002838.52-034328.7	7.160507	-3.724645
7615-56977-0924	9.5797585	22.888494	001257.81+254337.0	3.240913	25.726951
7589-56946-0610	6.9104836	21.487913	094555.44+404950.2	146.48101	40.830634
6604-56337-0666	26.303909	34.196106	145302.38+470832.7	223.25992	47.142439
7694-57359-0304	4.0170524	27.236101	013753.96+024207.0	24.474855	2.701947
8729-57399-0918	43.277246	4.5642793	100206.79+423144.6	150.52829	42.529078
6881-56540-0880	4.0238196	24.480935	081100.33+571134.9	122.75139	57.193049
4535-55860-0361	0.062661894	6.7493982	231201.18+255807.3	348.00492	25.968719
7915-57309-0039	18.043346	-3.7800389	095828.55+555025.0	149.61898	55.840298
8741-57390-0033	0.06392404	3.8034537	114342.43+271009.2	175.9268	27.169238
6782-56576-0137	41.501159	-0.66708899	083953.06+193830.1	129.97109	19.641699
7684-57286-0331	21.099782	23.085427	081558.88+224139.3	123.99534	22.694275
0695-52202-0165	19.094736	-0.28396066	011432.12-015357.6	18.63387	-1.899342
8729-57399-0061	43.314611	3.5737157	100950.90+254712.7	152.46211	25.786877
6197-56191-0467	8.7131023	14.363216	221851.83+205114.0	334.71597	20.853903
7620-56904-0433	13.377376	21.874438	012616.13+050209.9	21.56725	5.036112
7854-56989-0190	6.0088277	1.5952031	012446.05+250004.7	21.191887	25.001314
6874-56550-0965	14.244251	34.510289	002440.07+261147.1	6.166968	26.196427
7628-56978-0313	23.217461	19.241627	101251.66+445532.4	153.21524	44.925695
3586-55181-0890	8.7201247	0.23110019	081558.88+224139.3	123.99534	22.694275
7875-56980-0963	19.1072	-1.5010643	224700.90+251832.6	341.75378	25.309076
7833-57286-0641	31.528911	2.317064	001213.29+242323.6	3.055415	24.389909
6195-56220-0650	6.9578352	11.186589	140004.34+094853.1	210.01811	9.814761
7854-56989-0850	6.0406787	2.1377676	122333.58+492821.5	185.89002	49.472738
Continued on next page					

Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
4372-55541-0294	15.159618	-2.5617882	142450.83+424629.7	216.21182	42.774939
7843-56902-0164	26.370965	-1.2522715	025306.51-021345.4	43.277135	-2.229287
7843-56902-0614	25.347189	0.13133795	021640.73-044404.8	34.169737	-4.734692
4536-55857-0150	4.0916015	8.7343433	083953.06+193830.1	129.97109	19.641699
7619-56900-0171	13.415938	19.264432	083349.55+395047.3	128.45647	39.846474
7149-56593-0820	3.1452291	-7.1955487	111837.14+280054.9	169.65479	28.015255
7622-56987-0464	16.09724	18.009802	124058.54+624814.5	190.2438	62.804142
8732-57418-0933	36.310286	4.2853816	012455.55+191221.6	21.231479	19.206003
7628-56978-0144	24.27509	18.70915	132658.39+455100.9	201.7433	45.850264
7694-57359-0437	3.155692	27.345932	132038.12+471543.2	200.15886	47.262086
7885-57336-0286	32.897499	-5.1352401	094555.44+404950.2	146.48101	40.830634
7693-57361-0276	6.9946195	27.64604	015026.85+260524.4	27.611879	26.090132
4271-55507-0350	29.495679	1.7931464	235629.03+010930.7	359.121	1.158571
7827-57278-0717	36.342859	2.6469297	150139.40+324809.9	225.41419	32.802753
7718-57362-0238	11.528377	30.017454	134641.20+623100.5	206.67167	62.516892
7721-57360-0254	14.296253	29.302517	015751.43+274029.6	29.464329	27.674895
7592-56947-0550	3.1706534	20.247444	134512.31+442450.3	206.30133	44.413979
7875-56980-0051	19.183593	-2.8585	025306.51-021345.4	43.277135	-2.229287
7663-57328-0804	4.1296093	24.41798	012446.05+250004.7	21.191887	25.001314
5122-55841-0684	25.378713	18.733887	152022.67+322204.5	230.09449	32.367917
7129-56569-0222	4.1243308	32.181298	011744.43+241726.7	19.435142	24.290775
8732-57418-0936	36.377695	4.2888639	083239.13+434517.6	128.16305	43.754916
7684-57286-0550	20.139335	24.848777	021507.10-035725.3	33.779611	-3.957032
7160-56599-0234	21.191329	-8.0589515	121653.36+424048.8	184.22237	42.680225
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7673-57329-0924	12.482486	26.343225	000716.86+215146.3	1.820267	21.86288
6267-56279-0625	24.316324	30.598308	142350.04+550316.2	215.95847	55.054594
7885-57336-0279	32.958339	-3.9221775	020835.75-020204.8	32.148995	-2.034675
7912-57310-0728	14.320812	-3.3794919	021642.27-025843.2	34.176164	-2.978688
7632-56987-0824	30.550081	22.029181	230020.05+202739.1	345.08357	20.460864
0688-52203-0452	6.0918548	0.76963403	020835.75-020204.8	32.148995	-2.034675
6191-56248-0870	7.883745	15.85468	010810.76-015457.5	17.044852	-1.915995
7912-57310-0120	15.211385	-3.7616531	013600.23+240543.0	24.000995	24.095301
7660-57357-0318	7.891383	25.852813	012822.63+021737.3	22.094301	2.293699
4656-55828-0458	28.560204	11.311171	004744.16+021803.2	11.934001	2.300903
7625-57011-0209	17.15105	21.227507	152022.67+322204.5	230.09449	32.367917
4552-55884-0408	21.214781	8.7951428	145302.38+470832.7	223.25992	47.142439
6780-56605-0636	36.418645	0.2070254	094555.44+404950.2	146.48101	40.830634
0701-52179-0529	30.568385	1.1537611	151334.90+485406.1	228.39543	48.901714
4368-55559-0714	7.9020472	-1.6060445	012822.63+021737.3	22.094301	2.293699
8729-57399-0986	43.572485	4.3675016	083953.06+193830.1	129.97109	19.641699
7593-56958-0860	3.2217497	22.031386	021507.10-035725.3	33.779611	-3.957032
7636-56989-0094	31.665755	22.115271	082512.33+472815.8	126.3014	47.471193
7685-57062-0992	24.352719	26.252665	095131.29+503251.0	147.8804	50.547513
7836-57278-0468	28.577855	1.5041811	152022.67+322204.5	230.09449	32.367917
7914-57331-0910	20.18723	-3.2741034	085450.39+492315.6	133.70998	49.387751
6183-56210-0036	5.1613131	12.604437	021642.27-025843.2	34.176164	-2.978688
7589-56946-0614	7.060729	21.308424	212852.68+080308.6	322.21951	8.05239
7828-57039-0118	38.118971	-0.28201895	013201.54+235323.4	23.006452	23.889835
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7679-57367-0310	17.187206	25.469882	080608.54+382806.9	121.53561	38.468606
4265-55505-0820	36.471422	2.4224647	081100.33+571134.9	122.75139	57.193049
7880-57336-0762	40.012192	-3.8833843	001619.47+043737.4	4.081146	4.627068
7842-56899-0646	24.371409	2.4760131	012822.63+021737.3	22.094301	2.293699
7838-56958-0273	31.689459	-2.37256	235005.48+233814.2	357.52283	23.637289
7660-57357-0008	9.7430344	25.799009	083953.06+193830.1	129.97109	19.641699
7715-57364-0843	9.7450358	31.968167	083953.06+193830.1	129.97109	19.641699
7866-57002-0388	6.144511	-0.40715686	100047.91+372740.7	150.19963	37.461322
7596-56945-0159	0.22353471	19.048877	225205.31+245250.0	343.02215	24.880565
7624-57039-0647	15.258255	21.05618	100047.91+372740.7	150.19963	37.461322
7893-57286-0480	25.450607	-4.090779	114156.80+044043.9	175.48671	4.678863
7662-57358-0097	6.1471233	25.386046	221851.83+205114.0	334.71597	20.853903
4373-55811-0056	18.230785	-2.9535398	015444.58+232610.3	28.685784	23.436201
7845-56980-0414	24.391269	-3.3158158	124926.31+361801.3	192.35965	36.300367
6597-56304-0612	19.259828	33.331432	073440.76+445337.6	113.66987	44.893802
6111-56270-0436	2.2844142	17.380595	223100.05+240718.9	337.75023	24.121922
7867-57003-0580	7.0830423	-1.9168368	104614.80+375928.5	161.56169	37.991256
7694-57359-0028	5.1840452	27.396782	111937.60+545513.7	169.90669	54.920573
7623-56901-0435	13.522405	17.900459	140726.61+282236.1	211.8609	28.376718
7038-56571-0968	7.9450722	-4.1952832	101528.86+533325.5	153.87024	53.557191
4424-55532-0360	21.286024	5.8330538	134512.31+442450.3	206.30133	44.413979
0700-52199-0284	27.594486	-0.91720727	115624.92+470435.1	179.10385	47.076432
0665-52168-0560	28.633523	-8.8232346	012011.27+200529.9	20.046972	20.091642
7618-56898-0476	10.686797	18.162052	235540.99+281108.4	358.92082	28.185669
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7913-57333-0662	21.306265	-2.6002865	000716.86+215146.3	1.820267	21.86288
7617-56949-0768	11.649856	22.556567	152022.67+322204.5	230.09449	32.367917
7861-57281-0812	20.263901	2.1880101	235629.03+010930.7	359.121	1.158571
7673-57329-0758	11.648986	26.669732	225651.29+234711.9	344.21373	23.786648
7863-56975-0404	2.3175645	-2.9318162	120132.12+372911.7	180.38384	37.486601
7638-56981-0980	27.617069	24.056808	234006.85+222150.5	355.02855	22.364031
7154-56955-0382	10.701599	-7.8842562	114948.93+482459.5	177.45388	48.416621
4241-55450-0366	41.822072	-0.86825641	001116.58+133121.1	2.819126	13.522523
7831-57016-0281	34.87398	-1.5898328	224033.07+195411.4	340.1378	19.903176
7838-56958-0450	30.666368	-3.0355342	004621.65+204525.7	11.59024	20.757157
8736-57400-0898	31.76584	4.1241802	002710.88+210309.1	6.795364	21.052549
1090-52903-0417	1.3004939	0.22034308	131727.04+421002.1	199.3627	42.167252
0392-51793-0006	9.8078004	-0.98582892	142304.15+524630.1	215.7673	52.775047
7620-56904-0806	14.430405	22.332206	081558.88+224139.3	123.99534	22.694275
4242-55476-0735	43.774709	0.24633066	002440.07+261147.1	6.166968	26.196427
4389-55539-0774	38.258253	-8.1724558	014915.96+023324.9	27.316533	2.556933
7691-57040-0731	29.64662	27.656216	025425.49+033811.3	43.606223	3.636494
7673-57329-0778	11.675183	25.936097	004744.16+021803.2	11.934001	2.300903
7631-57279-0881	20.29972	22.585529	134128.52+492438.1	205.36886	49.410674
4392-55833-0824	36.628852	-6.9954683	164931.65+483523.9	252.38192	48.590051
4530-55564-0432	27.648567	9.7652271	021642.27-025843.2	34.176164	-2.978688
0668-52162-0507	34.912831	-8.5187877	142137.77+441355.5	215.4074	44.232092
6874-56550-0881	13.584665	34.856475	083953.06+193830.1	129.97109	19.641699
7885-57336-0202	33.202288	-5.1067884	000926.13+320441.6	2.358901	32.07823
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7684-57286-0747	21.347503	24.848353	021337.50+023511.9	33.40627	2.586665
7662-57358-0912	6.2287263	26.866056	122124.32+350351.6	185.35135	35.064341
7898-57363-0505	0.3188294	-3.180623	083953.06+193830.1	129.97109	19.641699
7871-56902-0310	12.627291	-2.0289734	084007.63+441604.3	130.0318	44.267887
6782-56572-0019	41.906267	-0.083105002	002440.07+261147.1	6.166968	26.196427
7627-56933-0810	26.573964	19.39235	002039.04+275403.7	5.162702	27.90104
4306-55584-0846	12.625579	2.6541925	073440.76+445337.6	113.66987	44.893802
4276-55505-0842	23.452226	3.1591313	083953.06+193830.1	129.97109	19.641699
7590-56944-0281	6.2342423	17.62434	015751.43+274029.6	29.464329	27.674895
7659-57060-0310	31.799861	26.545074	123722.12+402719.4	189.34221	40.455398
7635-56979-0778	22.415596	21.837184	111856.02+495229.7	169.73344	49.874963
7591-56954-0862	6.2379222	23.120663	095503.98+561846.7	148.76655	56.312966
7678-57282-0992	17.278975	24.700769	025306.51-021345.4	43.277135	-2.229287
6203-56266-0362	11.699393	14.24148	140004.34+094853.1	210.01811	9.814761
7827-57278-0224	36.667582	1.4929041	003003.16-032100.0	7.513175	-3.350027
7591-56954-0661	5.281642	23.298063	134147.97+533646.0	205.44989	53.61286
5649-55912-0330	1.3329841	12.0958	144553.76+131614.1	221.47404	13.270598
4257-55480-0292	43.834007	1.3404217	223100.05+240718.9	337.75023	24.121922
7631-57279-0894	20.327005	22.238602	083953.06+193830.1	129.97109	19.641699
7686-57015-0206	24.497729	26.751962	083953.06+193830.1	129.97109	19.641699
7904-57358-0901	9.8486615	-2.785849	144548.27+075256.0	221.45115	7.882236
7589-56946-0156	8.0304851	20.082721	100047.91+372740.7	150.19963	37.461322
4237-55478-0974	36.683492	0.55160415	124652.20+562122.5	191.71753	56.356329
7635-56979-0772	22.427021	21.930953	021642.27-025843.2	34.176164	-2.978688
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7869-57012-0378	9.8588267	-2.2057282	084525.57+450156.7	131.35657	45.03244
4275-55501-0394	24.50863	1.4068	004135.96+282218.6	10.399846	28.371861
7588-56903-0458	8.0404204	17.747742	074604.21+280624.9	116.51758	28.106937
7833-57286-0278	31.826213	1.901524	150717.62+571727.7	226.82338	57.291095
4401-55510-0060	33.248065	5.2792118	021742.25-015937.9	34.42605	-1.993883
7687-57007-0148	24.5136	23.263484	024650.75+020751.7	41.711468	2.131029
7693-57361-0266	7.178038	27.45057	004054.38+244623.3	10.22662	24.773161
7617-56949-0976	12.659624	22.69555	154121.37+063804.1	235.33906	6.634501
7869-57012-0168	10.776332	-3.423399	140726.61+282236.1	211.8609	28.376718
5704-56187-0256	14.488862	14.31669	023931.87+002854.0	39.882825	0.481675
7904-57358-0700	8.9461361	-3.1718475	125659.77+071253.6	194.24905	7.214896
7662-57358-0251	5.3105959	24.813767	083953.06+193830.1	129.97109	19.641699
7591-56954-0726	5.3130475	22.445054	124058.54+624814.5	190.2438	62.804142
7129-56569-0814	4.3341228	32.694727	145349.87+531745.8	223.4578	53.29613
7665-57328-0058	2.4125595	22.958543	140023.27+491243.4	210.09696	49.212089
7893-57286-0034	27.715466	-4.0141468	133025.74+645424.6	202.60731	64.90688
6513-56543-0903	0.37100646	25.595778	140004.34+094853.1	210.01811	9.814761
7880-57336-0836	40.309445	-3.73997	001453.83+021452.2	3.724331	2.247847
6369-56217-0417	35.036438	-4.9848607	013600.23+240543.0	24.000995	24.095301
7863-56975-0664	2.4211303	-0.34443487	092845.08+134801.4	142.18786	13.800414
7589-56946-0342	7.2001206	19.838741	142438.09+463022.0	216.15871	46.506115
7590-56944-0726	6.2943061	18.968116	102559.95+255522.5	156.4998	25.922927
0700-52199-0400	27.730996	0.26211183	002440.07+261147.1	6.166968	26.196427
7034-56564-0266	0.38191898	-5.1304985	110546.14+641557.3	166.44224	64.266039
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
4303-55508-0910	9.8979735	4.8435031	231201.18+255807.3	348.00492	25.968719
4298-55511-0646	2.4331426	2.302403	221851.83+205114.0	334.71597	20.853903
1073-52649-0418	33.313408	0.64903576	024650.75+020751.7	41.711468	2.131029
7672-57339-0473	8.9731585	24.259798	232814.76+232305.6	352.06152	23.384892
7677-57363-0324	15.40006	26.957631	083953.06+193830.1	129.97109	19.641699
7859-57282-0969	18.385232	2.1594978	104614.80+375928.5	161.56169	37.991256
0691-52199-0367	10.812948	1.1814739	132854.67+470810.0	202.22778	47.13612
4368-55559-0136	8.9859022	-2.4813736	021642.27-025843.2	34.176164	-2.978688
7630-57006-0941	19.406416	21.372997	095847.37+503556.5	149.6974	50.599036
4367-55566-0476	5.3545618	-2.4343489	113714.32+615002.0	174.30962	61.833973
7681-57042-0633	18.398671	24.663063	003003.16-032100.0	7.513175	-3.350027
7819-57280-0160	44.004799	1.8957214	004716.86+263614.7	11.820291	26.604102
0456-51910-0068	42.076115	-8.4545177	012616.13+050209.9	21.56725	5.036112
7893-57286-0203	26.689557	-4.5388408	224336.81+191414.0	340.90341	19.237245
4221-55443-0857	9.0021941	0.32025187	142350.04+550316.2	215.95847	55.054594
7869-57012-0845	10.83207	-1.4628942	113843.38+370830.8	174.68077	37.141891
7183-56658-0090	27.773096	-10.204574	021642.27-025843.2	34.176164	-2.978688
7859-57282-0558	16.398738	2.6654994	114832.56+370815.6	177.1357	37.137686
7678-57282-0338	15.429168	23.284173	005610.48-013818.6	14.043678	-1.638512
8740-57367-0960	1.4266709	5.8644416	015026.85+260524.4	27.611879	26.090132
0392-51793-0321	8.1152336	0.90438423	021741.23-040035.0	34.421802	-4.009735
7618-56898-0066	12.728866	17.928366	000926.13+320441.6	2.358901	32.07823
6781-56274-0652	38.479757	0.1217968	131727.04+421002.1	199.3627	42.167252
7135-56564-0506	0.4327692	28.556911	022320.19-030423.0	35.834164	-3.073058
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
4260-55478-0420	38.490527	3.5788719	154128.24+553156.7	235.36771	55.532513
0419-51879-0625	12.733396	15.012977	085450.39+492315.6	133.70998	49.387751
7235-56603-0053	38.487799	-5.6315153	002440.07+261147.1	6.166968	26.196427
7869-57012-0622	9.9507048	-0.63766687	083457.00+421911.5	128.73754	42.319867
2878-54465-0026	23.567561	-9.903027	134147.97+533646.0	205.44989	53.61286
7671-57360-0578	9.0230314	27.757326	131724.06+463228.5	199.35026	46.541278
0425-51898-0465	22.555329	14.8883	223100.05+240718.9	337.75023	24.121922
7906-57333-0524	10.856471	-3.5309571	100047.91+372740.7	150.19963	37.461322
7628-56978-0272	23.570761	19.114211	224033.07+195411.4	340.1378	19.903176
7870-57016-0193	11.811255	-0.20042574	121639.52+422951.1	184.16468	42.497541
7636-56989-0066	31.948785	22.775253	091247.29+392757.5	138.19706	39.465983
6256-56323-0750	15.457309	29.319959	003003.16-032100.0	7.513175	-3.350027
1913-53321-0088	6.362829	-11.083214	083953.06+193830.1	129.97109	19.641699
5137-55833-0022	24.620999	15.281367	022407.67+013126.8	36.031962	1.52412
8731-57416-0552	36.898207	4.9782565	100047.91+372740.7	150.19963	37.461322
7914-57331-0563	18.451824	-3.4821739	112026.51+580447.7	170.11046	58.079928
4269-55502-0994	33.40627	2.5866653	114948.93+482459.5	177.45388	48.416621
7625-57011-0648	16.428774	22.646422	121417.06+275826.6	183.57112	27.974081
7672-57339-0888	10.866958	24.817004	155400.94+314610.7	238.50394	31.769646
1072-52643-0372	35.188735	1.2146715	012011.27+200529.9	20.046972	20.091642
7892-57333-0136	28.812296	-4.4919304	102055.59+455219.0	155.23166	45.871949
4403-55536-0766	27.818628	6.4850549	112026.51+580447.7	170.11046	58.079928
7841-56960-0400	28.816975	-2.2236338	002538.51+223655.2	6.410493	22.615341
7841-56960-0195	29.829967	-2.1810174	132257.77+404750.3	200.74072	40.797323
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7238-56660-0606	30.859268	-5.1723843	105829.60+013358.8	164.62336	1.566332
7043-56576-0624	14.59592	-3.6406888	073440.76+445337.6	113.66987	44.893802
7915-57309-0340	16.443431	-4.5613677	004744.16+021803.2	11.934001	2.300903
7627-56933-0158	26.742158	18.585756	011432.12-015357.6	18.63387	-1.899342
8731-57416-0478	36.934705	3.9426515	020621.18-011624.2	31.588268	-1.27341
4420-55883-0792	12.771677	6.7983937	160546.26+591403.6	241.44272	59.234373
7588-56903-0744	9.0546001	19.681807	152022.67+322204.5	230.09449	32.367917
7046-56568-0694	19.479664	-4.5907303	114948.93+482459.5	177.45388	48.416621
7690-57046-0127	28.8348	24.266426	231201.18+255807.3	348.00492	25.968719
7877-56898-0724	20.475964	-1.4462276	015026.85+260524.4	27.611879	26.090132
7183-56658-0718	26.75847	-8.8609097	013600.23+240543.0	24.000995	24.095301
6182-56190-0056	1.4819784	10.200749	111128.79+623629.3	167.86984	62.608283
6254-56268-0674	11.840442	30.913116	024004.86-054821.3	40.020263	-5.805919
0667-52163-0044	33.46022	-10.050108	002538.51+223655.2	6.410493	22.615341
4275-55501-0858	25.72526	2.7231542	004744.16+021803.2	11.934001	2.300903
7827-57278-0184	36.965856	1.5205347	002838.52-034328.7	7.160507	-3.724645
7848-56959-0027	0.49096486	0.14582288	083953.06+193830.1	129.97109	19.641699
8747-57401-0669	6.4030345	4.9700803	141412.84+025409.2	213.55353	2.902579
7877-56898-0322	20.484206	-2.484925	005610.48-013818.6	14.043678	-1.638512
4218-55479-0248	3.5045478	-1.1019941	025306.51-021345.4	43.277135	-2.229287
7687-57007-0892	24.655025	23.810134	023237.97-010231.2	38.158243	-1.042023
4398-55946-0886	32.017403	-5.6879329	132854.67+470810.0	202.22778	47.13612
7682-57415-0394	19.497183	25.531078	024650.75+020751.7	41.711468	2.131029
0390-51900-0328	4.4757114	1.1898177	225651.29+234711.9	344.21373	23.786648
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7830-57043-0941	35.270608	2.9148565	212852.68+080308.6	322.21951	8.05239
7588-56903-0082	10.025125	17.543404	013600.23+240543.0	24.000995	24.095301
7898-57363-0728	1.5061394	-3.2798457	142350.04+550316.2	215.95847	55.054594
4268-55483-0768	30.907522	4.8272453	025426.99+044922.3	43.61246	4.822873
7168-56625-0128	2.5631169	-9.9397926	103439.69+532850.1	158.6654	53.480634
6596-56331-0166	21.573985	29.824264	111837.14+280054.9	169.65479	28.015255
6782-56572-0381	40.562396	-0.52552501	115325.93+251611.4	178.35808	25.269855
7879-57359-0818	42.28681	-4.2047245	012326.27+235503.9	20.859492	23.917771
7625-57011-0490	15.524914	21.811215	221851.83+205114.0	334.71597	20.853903
7871-56902-0277	12.818251	-1.7388721	212852.68+080308.6	322.21951	8.05239
7845-56980-0114	25.765623	-2.2616123	124058.54+624814.5	190.2438	62.804142
4312-55511-0036	19.542249	3.6740823	221851.83+205114.0	334.71597	20.853903
7681-57042-0690	18.542767	24.144381	222311.34+185950.6	335.79727	18.997408
7051-56574-0971	28.899672	-4.5706175	001004.36+213218.3	2.518204	21.538431
8740-57367-0804	0.54789984	5.9883805	095131.29+503251.0	147.8804	50.547513
4263-55484-0920	38.682174	3.0876267	134147.97+533646.0	205.44989	53.61286
6877-56544-0006	2.5873143	25.742642	101251.66+445532.4	153.21524	44.925695
7588-56903-0430	8.2300523	18.27876	122124.32+350351.6	185.35135	35.064341
6782-56273-0323	40.595649	-1.257695	125911.12+482519.7	194.79635	48.422167
7638-56981-0253	26.840662	22.657579	111837.14+280054.9	169.65479	28.015255
7632-56987-0890	30.951345	20.937209	005610.48-013818.6	14.043678	-1.638512
7842-56899-0316	24.730127	1.9031142	091247.29+392757.5	138.19706	39.465983
4310-55508-0842	22.687792	4.3994382	230020.05+202739.1	345.08357	20.460864
0699-52202-0143	26.857673	-0.45448502	095252.85+405512.3	148.22021	40.920095
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7664-57367-0571	1.5616972	26.0223	022320.19-030423.0	35.834164	-3.073058
0662-52147-0369	22.704313	-8.5202882	091948.41+400519.7	139.95172	40.088815
7663-57328-0318	3.6033016	23.687244	004621.65+204525.7	11.59024	20.757157
7843-56902-0969	26.870522	0.23179187	015026.85+260524.4	27.611879	26.090132
7681-57042-0339	18.581568	23.210376	080608.54+382806.9	121.53561	38.468606
7661-57286-0904	7.3855879	25.069642	133453.37+383647.9	203.7224	38.613328
7867-57003-0375	7.3862119	-2.689612	002538.51+223655.2	6.410493	22.615341
4312-55511-0582	17.559494	5.133939	152613.80+084502.8	231.55751	8.750785
7678-57282-0104	16.557347	24.047876	100047.91+372740.7	150.19963	37.461322
6597-56304-0644	19.594008	33.49417	081100.33+571134.9	122.75139	57.193049
7862-56984-0905	2.6283799	1.3676174	094555.44+404950.2	146.48101	40.830634
7661-57286-0710	6.4976943	25.068552	223100.05+240718.9	337.75023	24.121922
7826-56931-0336	40.6628	-3.3273971	111955.69+403623.6	169.98206	40.606583
0419-51879-0336	10.09904	15.658116	235629.03+010930.7	359.121	1.158571
6186-56246-0438	6.5070175	17.841185	092335.47+312408.9	140.89781	31.402495
7660-57357-0782	8.2681024	27.070681	103439.69+532850.1	158.6654	53.480634
7904-57358-0742	9.1537858	-2.565663	100500.34+281252.4	151.25146	28.214578
4556-55912-0681	20.593054	8.1838269	152022.67+322204.5	230.09449	32.367917
7620-56904-0362	13.831922	20.645195	084007.63+441604.3	130.0318	44.267887
7620-56904-0349	13.832109	21.943981	134147.97+533646.0	205.44989	53.61286
2067-53738-0622	38.780393	-7.99234	152022.67+322204.5	230.09449	32.367917
7912-57310-0603	13.833374	-3.1238953	100950.90+254712.7	152.46211	25.786877
4312-55511-0790	18.60506	5.2236027	002440.07+261147.1	6.166968	26.196427
7665-57328-0845	1.6009736	24.300132	121639.52+422951.1	184.16468	42.497541
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
1899-53262-0222	25.837372	13.408271	111128.79+623629.3	167.86984	62.608283
7626-56934-0056	29.994605	17.923798	100543.79+165425.9	151.43247	16.907208
4226-55475-0887	17.589544	0.51062701	220425.37+213206.3	331.10572	21.535093
4423-55889-0131	17.590083	5.0299816	005810.00+185622.5	14.541707	18.939598
7594-56947-0628	1.6132816	20.622091	101638.73+473619.3	154.16139	47.60537
7838-56958-0418	31.015297	-2.7616329	140726.61+282236.1	211.8609	28.376718
7622-56987-0220	17.592221	17.758904	084007.63+441604.3	130.0318	44.267887
7721-57360-0200	14.733732	30.082287	153901.87+251804.8	234.75781	25.30134
7661-57286-0719	6.5318826	24.735706	012011.27+200529.9	20.046972	20.091642
4403-55536-0436	26.928974	6.1617614	223100.05+240718.9	337.75023	24.121922
7866-57002-0863	7.421685	1.1594897	074018.29+461422.7	115.07623	46.239653
4229-55501-0136	22.766346	-0.71450701	104335.87+115129.1	160.89947	11.858111
8753-57373-0180	14.748792	3.369358	095234.75+503257.3	148.14481	50.54935
7659-57060-0515	31.037412	27.558442	083953.06+193830.1	129.97109	19.641699
7674-57359-0417	11.978248	27.188505	120329.85+480313.6	180.87438	48.05378
7834-56979-0419	32.183612	-0.92832655	230210.17-005732.4	345.54241	-0.959023
7617-56949-0180	11.984889	21.490225	101353.31+391619.0	153.47213	39.271965
6593-56270-0923	16.613872	32.953924	142137.77+441355.5	215.4074	44.232092
5122-55841-0598	24.830494	17.856163	012744.95+265440.1	21.937306	26.911156
7838-56958-0862	32.202227	-1.1116147	083953.06+193830.1	129.97109	19.641699
0455-51909-0183	38.884201	-8.5146337	002440.07+261147.1	6.166968	26.196427
7636-56989-0957	32.207963	23.576373	081558.88+224139.3	123.99534	22.694275
4315-55503-0778	18.667591	3.4174723	021642.27-025843.2	34.176164	-2.978688
7694-57359-0248	3.688346	27.057696	021507.10-035725.3	33.779611	-3.957032
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
6192-56269-0178	8.3347043	15.690278	083953.06+193830.1	129.97109	19.641699
7879-57359-0509	40.828028	-4.437932	012446.05+250004.7	21.191887	25.001314
7684-57286-0009	22.81589	23.467673	000716.86+215146.3	1.820267	21.86288
4388-55536-0714	37.278164	-5.1959336	154121.37+063804.1	235.33906	6.634501
0406-51869-0252	35.551829	-1.0512972	083953.06+193830.1	129.97109	19.641699
7893-57286-0672	25.919028	-2.9714974	150717.62+571727.7	226.82338	57.291095
7630-57006-0208	18.683328	19.745795	101251.66+445532.4	153.21524	44.925695
7863-56975-0079	3.7036604	-1.749683	005615.87-013042.6	14.066135	-1.511838
7630-57006-0276	18.684235	20.166871	083953.06+193830.1	129.97109	19.641699
0430-51877-0072	29.034115	13.514136	015444.58+232610.3	28.685784	23.436201
7665-57328-0104	1.6899977	23.118477	091247.29+392757.5	138.19706	39.465983
7588-56903-0817	9.2475869	18.534363	081558.88+224139.3	123.99534	22.694275
8745-57391-0648	3.7155781	4.0875696	224033.07+195411.4	340.1378	19.903176
0454-51908-0532	37.298247	-7.8779891	102756.70+254146.8	156.98626	25.696336
7591-56954-0777	5.641819	22.069047	152613.80+084502.8	231.55751	8.750785
0429-51820-0635	28.069668	13.859683	014915.96+023324.9	27.316533	2.556933
7672-57339-0406	9.2542218	23.196123	083953.06+193830.1	129.97109	19.641699
7626-56934-0972	30.073989	19.404799	100047.91+372740.7	150.19963	37.461322
7635-56979-0601	21.768577	22.305791	150717.62+571727.7	226.82338	57.291095
4372-55541-0652	14.82083	-1.9769016	002838.52-034328.7	7.160507	-3.724645
7858-57281-0729	14.822232	2.3711083	091247.29+392757.5	138.19706	39.465983
7671-57360-0386	9.2734547	27.351613	152022.67+322204.5	230.09449	32.367917
7630-57006-0622	17.702335	21.152957	213451.82+000240.6	323.71593	0.044649
7854-56989-0103	6.6221111	0.79154566	095847.37+503556.5	149.6974	50.599036
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
6196-56189-0888	9.2745624	13.08971	014915.96+023324.9	27.316533	2.556933
7051-56574-0460	27.034828	-5.4646738	114948.93+482459.5	177.45388	48.416621
7627-56933-0310	25.961615	18.385704	094555.44+404950.2	146.48101	40.830634
7871-56902-0248	13.022757	-2.6605925	140004.34+094853.1	210.01811	9.814761
7835-56986-0715	33.861027	-1.4480227	223521.91+195339.7	338.8413	19.894379
7818-56989-0818	21.811057	0.28065565	015545.83+003524.2	28.940982	0.590076
7853-56988-0669	2.7960062	2.7625174	220425.37+213206.3	331.10572	21.535093
7838-56958-0132	32.311787	-2.9955462	110440.72+602822.4	166.16966	60.472994
0656-52148-0559	12.074536	-9.7104935	101353.31+391619.0	153.47213	39.271965
7904-57358-0418	8.4067038	-4.6154792	015026.85+260524.4	27.611879	26.090132
7616-56902-0916	11.13451	21.333913	021742.25-015937.9	34.42605	-1.993883
7673-57329-0479	10.23667	25.899945	083953.06+193830.1	129.97109	19.641699
7632-56987-0682	30.130863	21.119473	131134.38+592010.6	197.89323	59.336361
4667-55868-0198	18.768469	11.590107	120132.12+372911.7	180.38384	37.486601
7861-57281-0698	19.744619	2.0173261	015026.85+260524.4	27.611879	26.090132
6278-56266-0801	13.968709	26.770798	114156.80+044043.9	175.48671	4.678863
4217-55478-0284	1.7735043	-0.39768127	231531.63+051156.7	348.88181	5.199103
8729-57399-0548	41.000602	4.617258	095131.29+503251.0	147.8804	50.547513
7831-57016-0539	33.932807	-0.21043468	004744.16+021803.2	11.934001	2.300903
7637-56933-0437	28.148046	22.852668	012744.95+265440.1	21.937306	26.911156
4222-55444-0949	11.156355	1.1222403	125947.30+480241.0	194.94711	48.044725
0403-51871-0072	30.145736	-0.35718342	100206.79+423144.6	150.52829	42.529078
7892-57333-0491	27.086075	-4.2131478	010810.76-015457.5	17.044852	-1.915995
5122-55841-0186	26.012731	17.450882	123725.21+475700.1	189.35504	47.950035
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
4219-55480-0352	4.7265776	-0.10363661	015751.43+274029.6	29.464329	27.674895
7871-56902-0770	13.07451	-1.3101875	083953.06+193830.1	129.97109	19.641699
4350-55556-0406	24.981782	-3.1811103	083953.06+193830.1	129.97109	19.641699
4548-55565-0556	22.923835	10.687577	015026.85+260524.4	27.611879	26.090132
7876-57002-0144	19.778104	-0.48767854	123016.87+392844.5	187.57029	39.479042
6191-56248-0590	6.6784532	15.808628	125911.12+482519.7	194.79635	48.422167
6271-56304-0524	28.179848	30.286263	111955.69+403623.6	169.98206	40.606583
7891-57332-0330	30.165712	-4.9564646	021742.25-015937.9	34.42605	-1.993883
6513-56543-0948	0.81161952	25.537484	025306.51-021345.4	43.277135	-2.229287
0662-52147-0412	22.943496	-8.6844928	134128.52+492438.1	205.36886	49.410674
4391-55866-0831	35.732887	-5.2310489	092736.82+120757.0	141.90342	12.132511
7593-56958-0066	3.812517	21.231798	101528.86+533325.5	153.87024	53.557191
8747-57401-0276	6.6916627	3.7707009	012744.95+265440.1	21.937306	26.911156
7620-56904-0898	14.901173	22.230825	000926.13+320441.6	2.358901	32.07823
0658-52146-0341	14.013709	-9.7528894	012822.63+021737.3	22.094301	2.293699
4541-55882-0050	10.291714	6.6324967	120754.74+370829.9	181.97809	37.141662
0709-52205-0259	45.04712	-1.1120785	021337.50+023511.9	33.40627	2.586665
7915-57309-0744	16.789744	-2.6146449	152613.80+084502.8	231.55751	8.750785
7630-57006-0030	19.811422	20.134275	022134.31-043025.6	35.392993	-4.507112
7869-57012-0238	10.296678	-2.8202907	124926.31+361801.3	192.35965	36.300367
6177-56268-0240	0.82645321	14.059526	085450.39+492315.6	133.70998	49.387751
7688-57360-0874	26.067658	26.439236	083953.06+193830.1	129.97109	19.641699
7588-56903-0820	9.3690445	18.480232	095022.36+562349.1	147.59318	56.396977
7631-57279-0966	20.824819	22.273665	000716.86+215146.3	1.820267	21.86288
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7857-57278-0520	11.225648	1.9603703	134128.52+492438.1	205.36886	49.410674
0419-51879-0130	11.229842	13.968752	232856.63+220316.1	352.236	22.054496
4240-55455-0882	41.1314	0.62357406	094555.44+404950.2	146.48101	40.830634
5704-56187-0502	13.128131	15.574448	081100.33+571134.9	122.75139	57.193049
7835-56986-0722	34.075716	-1.604531	094555.44+404950.2	146.48101	40.830634
5124-55894-0468	14.926756	18.369574	110440.72+602822.4	166.16966	60.472994
7875-56980-0335	17.838951	-2.6346161	132658.39+455100.9	201.7433	45.850264
7826-56931-0204	41.142386	-3.6286393	123725.21+475700.1	189.35504	47.950035
7855-57011-0043	9.3944156	1.3012719	111101.00+463032.1	167.75417	46.508932
7688-57360-0348	25.05757	25.362728	011525.21+050929.5	18.85508	5.158198
7824-57282-0147	39.276534	1.8210698	095131.29+503251.0	147.8804	50.547513
4306-55584-0554	11.24743	2.9174712	164705.67+503358.9	251.77365	50.566375
4275-55501-0258	25.061087	1.6291414	004716.86+263614.7	11.820291	26.604102
4391-55866-0866	35.838287	-5.107446	134128.52+492438.1	205.36886	49.410674
6287-56221-0734	11.26152	22.451245	142137.77+441355.5	215.4074	44.232092
7636-56989-0208	31.292695	21.555096	095847.37+503556.5	149.6974	50.599036
7821-57279-0192	41.189868	1.7661667	103439.69+532850.1	158.6654	53.480634
7674-57359-0050	14.059595	27.055114	013836.26+291625.6	24.651098	29.2738
5131-55835-0044	17.871373	14.414641	015049.53+011849.7	27.70641	1.313808
7660-57357-0038	9.4221519	25.887045	152022.67+322204.5	230.09449	32.367917
6201-56186-0941	10.350955	12.022415	140726.61+282236.1	211.8609	28.376718
7843-56902-0770	26.13502	0.10058077	121639.52+422951.1	184.16468	42.497541
7661-57286-0798	6.767903	24.863695	013600.23+240543.0	24.000995	24.095301
0709-52205-0567	46.030572	1.2211274	091948.41+400519.7	139.95172	40.088815
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
4398-55946-0525	30.262254	-5.9720106	085450.39+492315.6	133.70998	49.387751
7619-56900-0234	13.172874	20.001149	083926.50+564228.0	129.86042	56.70779
7891-57332-0301	30.263363	-4.5697638	083523.56+384313.2	128.84817	38.72034
0664-52174-0469	26.14372	-8.7333216	002440.07+261147.1	6.166968	26.196427
2399-53764-0561	39.341229	26.145602	013600.23+240543.0	24.000995	24.095301
7589-56946-0964	8.5449147	20.850216	102756.70+254146.8	156.98626	25.696336
0421-51821-0205	14.974746	13.707099	124926.31+361801.3	192.35965	36.300367
7637-56933-0810	29.244226	23.284277	083953.06+193830.1	129.97109	19.641699
4219-55480-0130	5.828488	-1.050275	021337.50+023511.9	33.40627	2.586665
8745-57391-0689	3.9032954	4.1694383	111729.57+214513.9	169.37322	21.753862
7665-57328-0721	0.90679204	24.326798	001213.29+242323.6	3.055415	24.389909
7827-57278-0652	35.918304	2.155579	101251.66+445532.4	153.21524	44.925695
7042-56573-0734	13.191015	-4.6850734	131727.04+421002.1	199.3627	42.167252
6605-56565-0116	31.332965	31.443925	104941.24+522455.0	162.42187	52.415278
7856-57260-0785	10.379283	2.8229241	001619.47+043737.4	4.081146	4.627068
7676-57329-0845	14.987696	26.63404	090159.75+284355.4	135.49896	28.732082
7663-57328-0724	3.9186482	24.505243	223100.05+240718.9	337.75023	24.121922
7672-57339-0953	11.301828	25.163781	001453.83+021452.2	3.724331	2.247847
4224-55481-0858	14.094858	0.248572	022320.19-030423.0	35.834164	-3.073058
7624-57039-0967	16.868477	20.575006	073906.41+255504.4	114.77671	25.91789
7844-56982-0527	26.170896	-1.4005361	122507.46+281135.5	186.28111	28.193213
8732-57418-0187	35.948673	3.8312411	003003.16-032100.0	7.513175	-3.350027
7859-57282-0180	17.916863	1.4817804	152022.67+322204.5	230.09449	32.367917
7626-56934-0396	28.307105	18.497746	105355.18+413251.9	163.47994	41.547753
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7665-57328-0066	1.9441808	23.18452	121653.36+424048.8	184.22237	42.680225
4226-55475-0425	15.901696	-0.9190677	124926.31+361801.3	192.35965	36.300367
7721-57360-0894	15.002425	30.383861	160536.73+081329.4	241.40307	8.224859
4416-55828-0087	3.9369659	4.4785334	152613.80+084502.8	231.55751	8.750785
4272-55509-0970	27.252679	4.4067418	091028.76+481931.8	137.61987	48.325513
7842-56899-0983	26.180222	2.4649282	094555.44+404950.2	146.48101	40.830634
7892-57333-0969	29.277115	-3.5739086	080000.15+420206.3	120.00063	42.035107
7617-56949-0468	10.398331	21.945076	003003.16-032100.0	7.513175	-3.350027
7671-57360-0844	10.399846	28.371861	232814.76+232305.6	352.06152	23.384892
7836-57278-0886	30.309546	2.392581	223100.05+240718.9	337.75023	24.121922
8753-57373-0300	14.111179	3.451113	124058.54+624814.5	190.2438	62.804142
0702-52178-0527	32.610105	0.86716745	015026.85+260524.4	27.611879	26.090132
1083-52520-0303	13.237148	-0.28588218	005335.48+221537.3	13.397866	22.260367
2327-53710-0402	8.596025	8.367569	002440.07+261147.1	6.166968	26.196427
7661-57286-0422	5.8792246	23.816177	105730.37+490125.5	164.37657	49.023767
7591-56954-0978	6.8260209	22.133882	154121.37+063804.1	235.33906	6.634501
7621-56985-0802	19.928307	18.72331	015026.85+260524.4	27.611879	26.090132
7829-57011-0126	39.485179	-3.5732287	224033.07+195411.4	340.1378	19.903176
4539-55865-0146	7.6978105	6.7952895	103243.95+472912.0	158.18313	47.486676
7637-56933-0644	28.351062	23.342227	140004.34+094853.1	210.01811	9.814761
7822-57041-0386	41.329849	-1.4188596	005925.21+225725.0	14.855057	22.956972
0710-52203-0160	47.677763	-0.33586837	144553.76+131614.1	221.47404	13.270598
7154-56955-0258	11.353784	-8.011123	085704.09+075819.8	134.26705	7.972187
7672-57339-0379	9.5033025	23.738389	083953.06+193830.1	129.97109	19.641699
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
4217-55478-0575	0.98015699	0.204601	103925.50+552257.2	159.85625	55.382591
6265-56248-0034	24.100199	28.915219	120146.42+195800.2	180.44345	19.966736
7592-56947-0355	3.9723144	19.901793	091808.15+435930.3	139.53398	43.991766
8732-57418-0188	36.043676	3.9104792	014915.96+023324.9	27.316533	2.556933
7040-56574-0992	11.361337	-4.5215834	140533.78+312717.5	211.39078	31.45487
4369-55827-0994	11.361724	-2.0971821	111955.69+403623.6	169.98206	40.606583
8729-57399-0426	41.359623	3.5883791	114342.43+271009.2	175.9268	27.169238
4658-55592-0758	26.241463	14.368057	111955.69+403623.6	169.98206	40.606583
7595-56957-0060	1.0073006	20.788118	073440.76+445337.6	113.66987	44.893802
0430-51877-0608	29.333463	14.914514	114948.93+482459.5	177.45388	48.416621
7693-57361-0724	6.8658739	28.089706	160834.05+130201.0	242.1419	13.033622
2824-54452-0157	1.015221	27.722187	230020.05+202739.1	345.08357	20.460864
5138-55830-0724	19.019506	15.681829	094555.44+404950.2	146.48101	40.830634
7626-56934-0661	28.390908	19.972206	081100.33+571134.9	122.75139	57.193049
6173-56238-0682	1.0165922	18.315911	224513.36+183220.4	341.3057	18.539013
6780-56605-0490	36.11599	-0.435841	091247.29+392757.5	138.19706	39.465983
4217-55478-0593	1.021256	0.83872802	083953.06+193830.1	129.97109	19.641699
7042-56573-0110	14.180215	-4.9165585	015444.58+232610.3	28.685784	23.436201
7674-57359-0186	13.304271	27.595622	111837.14+280054.9	169.65479	28.015255
7885-57336-0684	32.706361	-3.3762123	014645.25-001236.4	26.688557	-0.210137
6180-56301-0030	6.8900268	19.419603	163656.84+364340.4	249.23686	36.72791
7843-56902-0194	26.274442	-0.23365975	083953.06+193830.1	129.97109	19.641699
8729-57399-0421	41.410968	3.5319216	073440.76+445337.6	113.66987	44.893802
7632-56987-0792	30.396125	21.48182	074018.29+461422.7	115.07623	46.239653
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7677-57363-0622	15.085684	29.231267	024650.75+020751.7	41.711468	2.131029
7627-56933-0470	25.234517	18.31919	005803.35+302950.9	14.513978	30.497488
7718-57362-0042	12.361859	28.788091	153731.01+335836.7	234.37924	33.976881
7842-56899-0185	25.244852	1.5123702	004744.16+021803.2	11.934001	2.300903
7721-57360-0898	15.090186	30.161943	153804.81+204749.6	234.52008	20.797127
4552-55884-0572	21.052263	10.039409	005615.87-013042.6	14.066135	-1.511838
7898-57363-0138	2.0547938	-4.6280438	015026.85+260524.4	27.611879	26.090132
7659-57060-0094	32.766968	25.789525	222311.34+185950.6	335.79727	18.997408
7914-57331-0115	20.018459	-4.3180687	100047.91+372740.7	150.19963	37.461322
7841-56960-0724	29.385718	-1.5471075	013753.96+024207.0	24.474855	2.701947
8731-57416-0268	37.900093	3.7926581	022320.19-030423.0	35.834164	-3.073058
7678-57282-0968	17.009433	24.455427	021642.27-025843.2	34.176164	-2.978688
0543-52017-0614	119.47032	37.222417	015737.47+092819.0	29.406142	9.471947
1306-52996-0011	149.05234	9.1921726	223100.05+240718.9	337.75023	24.121922
3759-55236-0368	124.03006	34.74508	005957.33+354035.2	14.988887	35.676446
4841-55895-0716	125.08083	6.9008273	114342.43+271009.2	175.9268	27.169238
0859-52317-0020	119.49556	27.517412	014915.96+023324.9	27.316533	2.556933
8831-57448-0806	139.3763	39.624967	083953.06+193830.1	129.97109	19.641699
0711-52202-0547	50.123972	0.11387735	011100.99+243005.4	17.754143	24.501513
7305-56991-0132	138.62928	48.178365	021337.50+023511.9	33.40627	2.586665
2286-53700-0096	137.86657	19.090017	020835.75-020204.8	32.148995	-2.034675
8277-57073-0400	119.53128	43.88684	083953.06+193830.1	129.97109	19.641699
5291-55947-0882	133.83989	11.134424	022726.14+010909.0	36.858925	1.152511
4643-55946-0814	137.87968	38.289636	124926.31+361801.3	192.35965	36.300367
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7284-56683-0380	149.07651	45.441069	121947.90+455048.0	184.9496	45.846674
1933-53381-0462	133.84012	26.031247	220143.39+230556.7	330.43082	23.099097
5148-56220-0494	128.76582	58.254404	095234.75+503257.3	148.14481	50.54935
1211-52964-0116	135.43209	34.709073	083342.37+444435.0	128.42655	44.743078
5309-55929-0764	141.7376	9.0250779	140726.61+282236.1	211.8609	28.376718
7283-57063-0684	145.03987	55.197234	001453.83+021452.2	3.724331	2.247847
3755-55504-0544	119.56486	31.840466	125911.12+482519.7	194.79635	48.422167
6375-56323-0120	118.08429	43.711603	021741.23-040035.0	34.421802	-4.009735
2277-53705-0306	128.77355	19.470438	230020.05+202739.1	345.08357	20.460864
3812-55513-0558	131.38076	0.039418771	002838.52-034328.7	7.160507	-3.724645
0446-51899-0594	132.21799	54.542764	083953.06+193830.1	129.97109	19.641699
5793-56337-0536	148.29669	34.393229	234400.14+321748.6	356.00061	32.296858
5304-55925-0016	140.94507	8.3586672	083953.06+193830.1	129.97109	19.641699
8827-57444-0310	126.99331	39.096329	121639.52+422951.1	184.16468	42.497541
5185-55978-0276	131.38843	31.303591	015026.85+260524.4	27.611879	26.090132
8306-57419-0402	114.23558	44.73651	142350.04+550316.2	215.95847	55.054594
1005-52703-0366	146.71325	49.78432	081737.27+314707.3	124.40531	31.785375
0433-51873-0370	116.43752	39.45023	111955.69+403623.6	169.98206	40.606583
1780-53090-0493	121.96306	51.002874	023237.97-010231.2	38.158243	-1.042023
8830-57447-0644	135.455	39.901004	015545.83+003524.2	28.940982	0.590076
4466-55857-0758	118.13468	25.167626	235139.29+174750.4	357.91373	17.797361
7379-56713-0861	121.97172	47.156823	121417.06+275826.6	183.57112	27.974081
1872-53386-0412	123.05864	57.136994	223100.05+240718.9	337.75023	24.121922
8860-57458-0130	135.46032	36.314617	003003.16-032100.0	7.513175	-3.350027
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7289-57039-0488	136.29848	52.307725	154121.37+063804.1	235.33906	6.634501
7299-56686-0690	147.5281	48.466762	080000.95+122430.7	120.00399	12.408556
0569-52264-0017	145.06676	2.9816192	014005.12+024700.2	25.021372	2.783406
5308-55976-0886	141.76451	13.153951	231201.18+255807.3	348.00492	25.968719
6381-56353-0305	127.01157	43.606244	115325.93+251611.4	178.35808	25.269855
7307-56720-0329	141.76695	46.80316	222311.34+185950.6	335.79727	18.997408
1064-52577-0484	51.446048	0.32928999	231201.83+260550.2	348.00763	26.097304
5709-56571-0242	132.23853	60.04596	231201.18+255807.3	348.00492	25.968719
7319-56962-0684	127.92785	48.731959	223255.46-004622.8	338.2311	-0.773002
4471-55617-0690	119.62815	22.854053	004744.16+021803.2	11.934001	2.300903
4499-55572-0644	121.99371	15.645453	102756.70+254146.8	156.98626	25.696336
7320-56722-0458	129.65965	46.5896	092845.08+134801.4	142.18786	13.800414
0480-51989-0482	146.73985	1.9472268	025306.51-021345.4	43.277135	-2.229287
8169-57071-0054	129.6623	57.148681	003003.16-032100.0	7.513175	-3.350027
5323-55957-0434	147.54386	12.2773	120754.74+370829.9	181.97809	37.141662
3759-55236-0364	124.13084	34.829873	013308.77+065210.1	23.286576	6.869491
7307-56720-0182	144.23923	47.121446	114948.93+482459.5	177.45388	48.416621
5317-56000-0590	144.23975	18.045181	001501.80-073417.7	3.757513	-7.571601
2424-54448-0435	127.03557	11.831331	134128.52+492438.1	205.36886	49.410674
7276-57061-0752	132.25254	55.698846	014238.22+002905.5	25.659271	0.484875
5788-56255-0570	145.09314	24.872057	004621.65+204525.7	11.59024	20.757157
5312-56001-0898	143.40628	17.100492	081100.33+571134.9	122.75139	57.193049
8831-57448-0088	140.23778	39.055413	124900.56+424720.1	192.25237	42.788944
1924-53330-0625	124.1484	21.252805	134147.97+533646.0	205.44989	53.61286
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
4442-55532-0934	127.95621	33.997146	152022.67+322204.5	230.09449	32.367917
7374-56751-0504	127.05172	56.218356	083953.06+193830.1	129.97109	19.641699
1217-52672-0435	149.1388	42.311866	010810.76-015457.5	17.044852	-1.915995
5286-56225-0518	129.69006	17.482207	124058.54+624814.5	190.2438	62.804142
7287-57042-0202	146.77092	51.018129	084007.63+441604.3	130.0318	44.267887
1270-52991-0322	131.43791	32.193202	081558.88+224139.3	123.99534	22.694275
8294-57365-0440	127.06116	41.345626	131134.38+592010.6	197.89323	59.336361
2360-53728-0231	141.00686	18.302682	160202.64+214459.2	240.51103	21.749807
5719-56014-0714	148.35389	60.801082	084007.63+441604.3	130.0318	44.267887
2280-53680-0270	131.4453	20.423021	012924.36+251236.9	22.35153	25.210277
8280-57061-0366	128.8449	42.716203	124044.68+330349.8	190.18619	33.063846
7295-57067-0733	136.34522	52.270381	101528.86+533325.5	153.87024	53.557191
7309-56991-0964	126.139	51.163758	233026.76+320407.5	352.61154	32.068761
5311-55956-0292	142.60383	9.5759293	213451.82+000240.6	323.71593	0.044649
8859-57452-0174	132.28226	36.491082	024650.75+020751.7	41.711468	2.131029
3672-55484-0084	118.2535	39.915481	081558.88+224139.3	123.99534	22.694275
0993-52710-0226	145.11643	5.3832029	223100.05+240718.9	337.75023	24.121922
5160-55895-0702	128.85492	48.448964	143255.27+151703.0	218.23031	15.284182
3755-55504-0550	119.71558	32.085522	104614.80+375928.5	161.56169	37.991256
8858-57450-0393	127.98407	36.755118	121639.52+422951.1	184.16468	42.497541
7315-56685-0040	142.61081	46.201597	095828.55+555025.0	149.61898	55.840298
0554-52000-0266	139.49134	52.675196	120754.74+370829.9	181.97809	37.141662
2291-53714-0240	139.49486	24.359946	145302.38+470832.7	223.25992	47.142439
3823-55534-0706	141.02574	1.2259758	164108.19+302322.2	250.28415	30.38951
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
3813-55532-0642	132.29739	3.1349028	091247.29+392757.5	138.19706	39.465983
8169-57071-0314	127.08976	57.529298	111101.00+463032.1	167.75417	46.508932
2285-53700-0562	136.36559	20.678126	110303.52+115816.6	165.7647	11.971272
0759-52254-0472	123.14777	39.290303	111837.14+280054.9	169.65479	28.015255
8857-57449-0657	125.22307	37.253913	120754.74+370829.9	181.97809	37.141662
2574-54084-0371	132.30148	11.427346	121835.58+424749.4	184.64827	42.79706
0501-52235-0313	149.95581	2.0280977	115904.38+422617.1	179.76825	42.438099
5716-56684-0142	145.13866	59.409354	012446.05+250004.7	21.191887	25.001314
7517-56772-0165	139.50584	45.12639	140726.61+282236.1	211.8609	28.376718
4762-55888-0180	126.17824	3.6069984	162806.68+434029.7	247.02786	43.674945
0566-52238-0359	135.52751	3.3574459	163624.48+494446.0	249.10202	49.746125
8858-57450-0601	128.00538	37.534335	125235.36+471922.5	193.14736	47.322939
0555-52266-0585	144.2955	55.265755	021642.27-025843.2	34.176164	-2.978688
0870-52325-0231	141.84201	43.625876	121729.19+373903.7	184.37165	37.651052
1591-52976-0093	137.99459	31.507358	004621.65+204525.7	11.59024	20.757157
5783-56017-0658	145.96661	19.2321	003650.00+013103.9	9.208353	1.517755
7293-56741-0304	130.63592	51.829286	083953.06+193830.1	129.97109	19.641699
5297-55913-0756	135.53566	18.067131	014005.12+024700.2	25.021372	2.783406
7279-57071-0844	135.53752	56.490074	095847.37+503556.5	149.6974	50.599036
7310-56693-0064	128.89129	50.273562	142450.83+424629.7	216.21182	42.774939
0461-51910-0506	53.353497	-6.1676264	221625.26+210435.8	334.10529	21.076622
5321-55945-0256	147.62108	10.141758	081558.88+224139.3	123.99534	22.694275
5785-56269-0272	147.62467	21.103075	012011.27+200529.9	20.046972	20.091642
3806-55505-0714	124.24139	42.04325	125911.12+482519.7	194.79635	48.422167
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7280-56709-0763	123.19583	57.15876	223528.50+220020.7	338.86876	22.005754
2420-54086-0390	122.11822	12.334206	224615.45+215011.3	341.5644	21.836478
1939-53389-0497	141.86853	29.584359	001948.28+185506.3	4.951169	18.918439
5303-55980-0932	139.53832	13.36001	013151.33+265911.7	22.963904	26.986604
8301-57390-0542	148.41782	41.918435	121139.73+520637.8	182.91556	52.110517
1273-52993-0337	137.21156	35.199458	075943.36+331723.6	119.9307	33.289892
7515-56781-0370	133.99232	45.955945	224033.07+195411.4	340.1378	19.903176
5301-55987-0090	138.77285	16.177567	014915.96+023324.9	27.316533	2.556933
4527-55590-0720	121.01747	51.280943	024650.75+020751.7	41.711468	2.131029
3810-56015-0026	132.3522	1.7869751	095828.55+555025.0	149.61898	55.840298
0483-51924-0367	133.17538	57.732775	224453.91+234329.8	341.22464	23.724953
0474-52000-0164	141.08088	-0.44050599	142450.83+424629.7	216.21182	42.774939
3761-55272-0343	126.23117	39.278305	011525.21+050929.5	18.85508	5.158198
8861-57459-0937	138.78408	37.466543	083953.06+193830.1	129.97109	19.641699
3679-55209-0370	118.39385	51.39544	004135.96+282218.6	10.399846	28.371861
7515-56781-0548	133.17808	47.779867	225343.70+195152.6	343.43209	19.86462
7292-56709-0750	146.86152	50.895489	081100.33+571134.9	122.75139	57.193049
8277-57073-0154	121.04036	43.714764	221851.83+205114.0	334.71597	20.853903
7375-56981-0340	125.29385	55.534944	083953.06+193830.1	129.97109	19.641699
0461-51910-0631	54.362031	-6.3373377	000034.85-012630.6	0.145227	-1.441843
2575-54085-0542	135.58993	11.688963	223100.05+240718.9	337.75023	24.121922
7284-56683-0354	149.24891	45.880846	003003.16-032100.0	7.513175	-3.350027
0545-52202-0368	121.04972	41.360683	014915.96+023324.9	27.316533	2.556933
0551-51993-0490	134.0123	50.522188	165821.25+360705.4	254.58856	36.118171
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
0480-51989-0581	147.66604	2.1698171	145302.38+470832.7	223.25992	47.142439
7449-56740-0840	144.35993	47.93955	021642.27-025843.2	34.176164	-2.978688
4762-55888-0916	126.26036	5.3861378	005610.48-013818.6	14.043678	-1.638512
7328-56715-0071	125.30699	45.848427	001619.47+043737.4	4.081146	4.627068
3817-55277-0647	135.60543	4.8008437	110546.14+641557.3	166.44224	64.266039
8830-57447-0685	135.60385	39.706049	152715.54+353657.1	231.81478	35.615872
0450-51908-0424	135.60893	55.302047	223100.05+240718.9	337.75023	24.121922
4529-55563-0632	122.18549	54.933975	122044.50+580155.3	185.18546	58.032109
1275-52996-0111	144.37489	36.498573	221134.35+195135.4	332.89315	19.859857
7287-57042-0064	147.68215	51.836908	015026.85+260524.4	27.611879	26.090132
4496-55544-0304	127.20983	15.583361	021742.25-015937.9	34.42605	-1.993883
8291-57391-0317	118.48635	40.622648	154121.37+063804.1	235.33906	6.634501
0565-52225-0568	134.82141	3.9835788	134512.31+442450.3	206.30133	44.413979
0564-52224-0098	131.57041	2.4497597	102756.70+254146.8	156.98626	25.696336
5296-55922-0475	134.82337	10.462188	010941.44+002538.4	17.422684	0.42736
0462-51909-0479	55.114924	-6.2109494	231201.18+255807.3	348.00492	25.968719
8852-57449-0120	148.48491	35.958016	142350.04+550316.2	215.95847	55.054594
8299-57346-0292	143.57241	40.746283	152022.67+322204.5	230.09449	32.367917
7516-56782-0708	136.47456	47.416977	083953.06+193830.1	129.97109	19.641699
3754-55488-0118	119.94298	32.997347	125509.13+370913.2	193.78805	37.15369
1273-52993-0615	139.60867	35.212006	005335.48+221537.3	13.397866	22.260367
3827-55565-0038	148.49238	0.019494856	083953.06+193830.1	129.97109	19.641699
7283-57063-0932	146.91484	54.982475	015751.43+274029.6	29.464329	27.674895
0481-51908-0547	148.49384	2.3813325	021642.27-025843.2	34.176164	-2.978688
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
8298-57390-0706	140.38321	42.846051	100500.34+281252.4	151.25146	28.214578
7373-56990-0059	133.24003	55.657505	100950.90+254712.7	152.46211	25.786877
3684-55246-0418	119.95307	48.828353	001213.29+242323.6	3.055415	24.389909
0451-51908-0305	138.08854	56.089849	111837.14+280054.9	169.65479	28.015255
0769-52282-0239	146.92096	53.726671	114948.93+482459.5	177.45388	48.416621
8197-57064-0131	136.48472	58.557977	152613.80+084502.8	231.55751	8.750785
1941-53386-0528	142.74685	32.905235	224235.37+233309.6	340.64742	23.552688
6381-56353-0992	129.00384	44.604417	074604.21+280624.9	116.51758	28.106937
6379-56340-0865	124.37146	44.995833	083953.06+193830.1	129.97109	19.641699
7288-57039-0248	135.64898	52.860622	223438.45+193350.1	338.66024	19.56392
0541-51959-0499	114.92942	33.210703	145302.38+470832.7	223.25992	47.142439
4735-55651-0024	141.95854	2.096592	024650.75+020751.7	41.711468	2.131029
4794-55647-0803	129.01107	3.21767	152613.80+084502.8	231.55751	8.750785
2424-54448-0612	128.13811	12.734685	083926.50+564228.0	129.86042	56.70779
0827-52312-0494	127.2553	37.301697	093125.73+454116.0	142.85721	45.687793
7297-57040-0281	141.96441	48.945966	152613.80+084502.8	231.55751	8.750785
4454-55536-0550	128.14483	28.868309	230012.33+233527.0	345.05142	23.590834
5302-55896-0915	138.86687	11.384543	223100.05+240718.9	337.75023	24.121922
2282-53683-0546	134.85436	21.938925	105515.39+503037.2	163.81416	50.510346
4868-55895-0620	134.85455	6.3573498	003003.16-032100.0	7.513175	-3.350027
7283-57063-0085	146.94586	53.872448	001213.29+242323.6	3.055415	24.389909
0444-51883-0002	129.88889	51.963842	023339.51-033215.5	38.414658	-3.537656
3667-55566-0666	114.9879	38.000424	023931.87+002854.0	39.882825	0.481675
5494-55857-0814	121.16124	8.7701461	003003.16-032100.0	7.513175	-3.350027
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
0769-52282-0507	147.73984	54.488739	142450.83+424629.7	216.21182	42.774939
7279-57071-0942	136.50708	57.071277	015354.82+044240.9	28.47842	4.711375
5182-56341-0616	133.27494	29.40942	131727.04+421002.1	199.3627	42.167252
0858-52316-0268	116.9587	26.580143	081558.88+224139.3	123.99534	22.694275
8291-57391-0696	118.59578	41.85172	152022.67+322204.5	230.09449	32.367917
0471-51924-0182	136.51015	1.4570492	111809.66+063917.3	169.5403	6.654822
5315-55978-0470	143.62111	14.380874	134512.31+442450.3	206.30133	44.413979
0442-51882-0527	126.35354	52.440618	230020.05+202739.1	345.08357	20.460864
7298-56661-0818	145.29362	49.071967	081100.33+571134.9	122.75139	57.193049
5180-55947-0826	131.62189	26.203264	012011.27+200529.9	20.046972	20.091642
3752-55236-0216	118.62448	29.493228	094555.44+404950.2	146.48101	40.830634
2961-54550-0120	140.43022	32.47322	083953.06+193830.1	129.97109	19.641699
5159-55856-0360	126.36223	45.073608	121731.09+303127.6	184.37956	30.52435
3760-55268-0336	125.4159	36.780445	221851.83+205114.0	334.71597	20.853903
1301-52976-0162	138.88844	8.4287023	001611.49+145601.6	4.047911	14.933788
8306-57419-0314	115.04368	45.875003	083953.06+193830.1	129.97109	19.641699
3679-55209-0336	118.63223	51.218934	123016.87+392844.5	187.57029	39.479042
8308-57417-0654	116.99737	50.791449	121653.36+424048.8	184.22237	42.680225
7301-56746-0787	125.42059	53.667032	083953.06+193830.1	129.97109	19.641699
8832-57445-0653	141.99883	39.734853	004744.16+021803.2	11.934001	2.300903
6380-56340-0149	126.37549	43.882645	091028.76+481931.8	137.61987	48.325513
2960-54561-0223	129.92426	31.869956	142350.04+550316.2	215.95847	55.054594
0571-52286-0420	147.76345	4.6766628	105223.76+641938.0	163.09904	64.327311
1268-52933-0450	129.06331	30.430703	132854.67+470810.0	202.22778	47.13612
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
6783-56284-0342	129.92643	42.928223	081558.88+224139.3	123.99534	22.694275
2293-53730-0257	142.00132	22.25342	012011.27+200529.9	20.046972	20.091642
4491-55570-0492	124.44972	17.189498	220239.73+205102.4	330.66555	20.850673
7326-56710-0045	130.80539	45.102021	002538.51+223655.2	6.410493	22.615341
1304-52993-0134	144.4627	9.3775105	141917.36+310923.2	214.82234	31.156452
2085-53379-0311	131.64733	23.300051	011100.99+243005.4	17.754143	24.501513
0432-51884-0334	115.07796	40.715443	142137.77+441355.5	215.4074	44.232092
1936-53330-0524	138.14281	30.937838	002838.52-034328.7	7.160507	-3.724645
2270-53714-0272	123.38738	13.75433	142304.15+524630.1	215.7673	52.775047
7304-56745-0254	135.70992	49.813941	100047.91+372740.7	150.19963	37.461322
4903-55927-0041	130.82055	5.1111536	004621.65+204525.7	11.59024	20.757157
1302-52763-0234	140.45621	8.4463494	123109.16+652320.4	187.78811	65.389108
1935-53387-0163	136.54526	26.557102	075052.04+480345.6	117.71684	48.062765
2362-53759-0336	146.16263	20.801472	002440.07+261147.1	6.166968	26.196427
2961-54550-0629	141.22571	33.055181	010341.18+024310.4	15.921597	2.719577
0468-51912-0468	133.32539	1.3430767	014915.96+023324.9	27.316533	2.556933
4449-55544-0046	129.08681	29.270628	002440.07+261147.1	6.166968	26.196427
8292-57373-0603	121.2388	42.685232	134816.05+445502.1	207.06691	44.917256
5785-56269-0790	147.78915	22.775606	021741.23-040035.0	34.421802	-4.009735
7303-57013-0004	134.13573	49.840661	101528.86+533325.5	153.87024	53.557191
0888-52339-0529	115.1386	28.977449	134147.97+533646.0	205.44989	53.61286
0569-52264-0333	142.82658	4.2464438	100950.90+254712.7	152.46211	25.786877
5306-55926-0032	141.23312	10.511474	095131.29+503251.0	147.8804	50.547513
8291-57391-0257	118.69097	40.655236	131621.34+232800.3	199.08893	23.466758
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7373-56990-0155	132.51514	56.214568	083953.06+193830.1	129.97109	19.641699
8188-57348-0190	149.38505	54.476923	083953.06+193830.1	129.97109	19.641699
0927-52577-0592	117.08693	23.644058	224038.14+234457.1	340.15896	23.749195
4504-55571-0428	123.42179	12.860373	130128.83+584802.3	195.3702	58.80075
1583-52941-0124	118.70676	19.612198	232446.67+230626.7	351.19447	23.107437
1301-52976-0155	138.93912	8.6071605	145302.38+470832.7	223.25992	47.142439
2440-53818-0337	139.69768	15.955074	145302.38+470832.7	223.25992	47.142439
8832-57445-0670	142.03593	40.355776	005803.35+302950.9	14.513978	30.497488
2960-54561-0516	130.85952	32.421094	235629.03+010930.7	359.121	1.158571
2280-53680-0483	131.68051	20.95166	223100.05+240718.9	337.75023	24.121922
1878-54474-0173	144.49957	66.826451	002440.07+261147.1	6.166968	26.196427
7377-56741-0324	121.26442	50.267058	021507.10-035725.3	33.779611	-3.957032
1061-52641-0584	121.26513	31.703197	223100.05+240718.9	337.75023	24.121922
4743-55645-0806	147.80351	2.9242637	121729.19+373903.7	184.37165	37.651052
5781-56337-0016	137.38611	28.71063	143120.39+012840.7	217.83495	1.477982
0434-51885-0324	117.11458	43.663168	083457.00+421911.5	128.73754	42.319867
7378-56715-0843	124.49787	48.768077	221625.26+210435.8	334.10529	21.076622
2369-53733-0007	145.3554	16.717564	145349.87+531745.8	223.4578	53.29613
0464-51908-0272	59.116837	-6.5683114	102119.52+452654.7	155.33135	45.448535
7375-56981-0446	124.506	55.164571	083953.06+193830.1	129.97109	19.641699
4574-55621-0386	142.85295	37.187469	081100.33+571134.9	122.75139	57.193049
5783-56017-0035	147.82084	18.858644	015444.58+232610.3	28.685784	23.436201
5305-55984-0238	139.71753	14.176291	140726.61+282236.1	211.8609	28.376718
3804-55267-0182	123.45618	36.492751	121653.36+424048.8	184.22237	42.680225
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
4459-55533-0154	118.75891	26.605287	235005.48+233814.2	357.52283	23.637289
0548-51986-0087	127.37555	44.746172	001834.94+270020.4	4.645602	27.005693
5798-56326-0684	146.21043	34.79064	023931.87+002854.0	39.882825	0.481675
0942-52703-0416	149.42031	45.031874	101528.86+533325.5	153.87024	53.557191
8282-57041-0730	135.77515	44.465708	231201.18+255807.3	348.00492	25.968719
1756-53080-0369	122.41559	7.4913921	014915.96+023324.9	27.316533	2.556933
7280-56709-0010	125.5246	56.180713	083953.06+193830.1	129.97109	19.641699
7314-56990-0229	138.20855	47.585051	080254.03+505636.2	120.72516	50.943409
0994-52725-0072	148.62545	5.8917118	141331.79+602615.4	213.38252	60.437676
0766-52247-0002	140.50775	49.669645	012011.27+200529.9	20.046972	20.091642
0892-52378-0085	122.42406	34.581585	115904.38+422617.1	179.76825	42.438099
6388-56309-0782	117.18248	46.730127	083953.06+193830.1	129.97109	19.641699
8832-57445-0052	143.726	38.58679	114832.56+370815.6	177.1357	37.137686
8827-57444-0234	127.39169	39.061507	022320.19-030423.0	35.834164	-3.073058
8828-57445-0867	130.9103	40.409477	165028.63+434914.2	252.61932	43.820633
4789-55923-0581	127.39209	4.9470812	110546.14+641557.3	166.44224	64.266039
8823-57446-0208	148.63115	37.51268	095131.29+503251.0	147.8804	50.547513
4484-55565-0386	128.27458	19.965954	134816.05+445502.1	207.06691	44.917256
8832-57445-0214	142.88188	38.509972	083953.06+193830.1	129.97109	19.641699
8859-57452-0245	131.73544	36.233083	083953.06+193830.1	129.97109	19.641699
7301-56746-0816	125.54453	52.727215	084034.87+530553.5	130.14526	53.098243
7303-57013-0470	130.91744	49.738148	121653.36+424048.8	184.22237	42.680225
2826-54389-0022	65.580036	5.921543	083953.06+193830.1	129.97109	19.641699
2673-54096-0305	69.576588	10.70988	120146.42+195800.2	180.44345	19.966736
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
8300-57391-0443	145.40968	40.539277	121417.06+275826.6	183.57112	27.974081
0830-52293-0605	134.99018	42.404433	115517.38+415315.6	178.82244	41.88768
4571-55629-0484	143.75119	39.977938	091948.41+400519.7	139.95172	40.088815
4795-55889-0062	140.52897	4.309118	083953.06+193830.1	129.97109	19.641699
2942-54521-0638	72.754819	-5.425823	083953.06+193830.1	129.97109	19.641699
0995-52731-0373	149.45026	7.0779168	010622.55-024612.5	16.593976	-2.770166
0469-51913-0501	134.99465	1.6094126	013423.96+262025.8	23.599857	26.340527
1925-53327-0040	124.58466	20.012811	003302.77+162745.6	8.261563	16.462692
7320-56722-0996	132.5882	47.921121	083953.06+193830.1	129.97109	19.641699
1271-52974-0065	134.99577	31.862352	142137.77+441355.5	215.4074	44.232092
3697-55290-0736	129.17181	50.391516	121653.36+424048.8	184.22237	42.680225
0929-52581-0571	121.35464	27.722712	215910.35+242124.4	329.79315	24.356802
7275-57093-0614	136.63841	55.134187	022320.19-030423.0	35.834164	-3.073058
2273-53709-0333	125.56515	18.298223	221625.26+210435.8	334.10529	21.076622
8283-57064-0534	137.45843	44.013218	212852.68+080308.6	322.21951	8.05239
0468-51912-0017	134.21332	0.11709497	120754.74+370829.9	181.97809	37.141662
3781-55243-0116	142.10649	-1.7315707	224033.07+195411.4	340.1378	19.903176
5157-55923-0864	131.76857	53.757899	083953.06+193830.1	129.97109	19.641699
8831-57448-0845	139.77565	39.756766	015751.43+274029.6	29.464329	27.674895
1005-52703-0125	147.10493	47.419665	235737.96+003227.8	359.40818	0.541067
3814-55535-0194	134.22373	3.5771164	092845.08+134801.4	142.18786	13.800414
1207-52672-0543	126.519	29.703523	013753.96+024207.0	24.474855	2.701947
2298-53737-0449	149.47213	24.175847	013753.96+024207.0	24.474855	2.701947
7288-57039-0516	133.4363	54.049546	021041.37+264148.9	32.672381	26.696938
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
5707-56269-0116	129.19818	60.158114	093416.03+564354.9	143.56681	56.731944
8296-57375-0754	134.2327	42.667455	002410.51+261633.9	6.043819	26.276085
8182-56993-0274	148.67621	52.215872	021507.10-035725.3	33.779611	-3.957032
2280-53680-0021	133.4423	20.166939	023931.87+002854.0	39.882825	0.481675
0439-51877-0321	121.38533	45.596593	005335.48+221537.3	13.397866	22.260367
3656-55241-0414	110.53965	41.445654	154121.37+063804.1	235.33906	6.634501
4493-55585-0632	122.48913	18.301229	080957.39+181804.4	122.48913	18.301229
3668-55478-0360	115.43812	48.671491	083953.06+193830.1	129.97109	19.641699
4763-55869-0176	123.55962	3.9095843	021337.50+023511.9	33.40627	2.586665
3811-55538-0126	132.63081	2.6223743	083953.06+193830.1	129.97109	19.641699
8181-57073-0510	150.26423	53.857333	101251.66+445532.4	153.21524	44.925695
1201-52674-0033	141.35237	42.291578	013836.26+291625.6	24.651098	29.2738
2427-53815-0234	129.21194	14.427529	231201.18+255807.3	348.00492	25.968719
1591-52976-0300	135.84975	31.57935	142304.15+524630.1	215.7673	52.775047
7315-56685-0087	142.14004	45.183148	220843.93+263753.6	332.18308	26.631566
3819-55540-0358	136.67663	1.7508738	100950.90+254712.7	152.46211	25.786877
7290-57073-0474	139.03493	52.049851	231527.68+181944.4	348.86535	18.329006
5294-55922-0900	135.04364	8.5123848	024650.75+020751.7	41.711468	2.131029
5316-55955-0060	146.29312	10.078864	090154.96+380534.5	135.47902	38.092913
1779-53089-0516	120.2715	49.042278	083953.06+193830.1	129.97109	19.641699
8295-57401-0853	131.8084	41.742763	091247.29+392757.5	138.19706	39.465983
4508-55600-0322	125.6261	10.247334	005925.21+225725.0	14.855057	22.956972
5304-55925-0972	140.58854	8.720224	223100.05+240718.9	337.75023	24.121922
7447-56746-0404	142.95186	63.420286	134147.97+533646.0	205.44989	53.61286
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
8858-57450-0049	130.10319	36.270537	073440.76+445337.6	113.66987	44.893802
4641-55947-0968	140.5903	41.240971	083953.06+193830.1	129.97109	19.641699
7310-56693-0768	127.4833	51.116977	105730.37+490125.5	164.37657	49.023767
8857-57449-0698	125.63443	37.362811	004903.27+060231.8	12.26366	6.042178
7314-56990-0716	137.50848	48.309318	103439.69+532850.1	158.6654	53.480634
2287-53705-0204	137.51534	21.724003	223529.09+233729.5	338.87124	23.62487
8294-57365-0607	127.49057	42.789592	154121.37+063804.1	235.33906	6.634501
8286-57062-0514	146.31691	43.746345	142137.77+441355.5	215.4074	44.232092
4459-55533-0406	117.36407	25.616309	125136.23+473833.4	192.90098	47.642634
5178-56246-0206	133.48288	22.733769	153843.94+530835.7	234.68304	53.143318
1187-52708-0408	130.12533	6.4477114	142450.83+424629.7	216.21182	42.774939
5176-56221-0767	131.83988	20.04873	083953.06+193830.1	129.97109	19.641699
7310-56693-0906	128.38727	51.907269	092845.08+134801.4	142.18786	13.800414
8301-57390-0525	147.94963	41.756265	005610.48-013818.6	14.043678	-1.638512
2577-54086-0274	139.07071	12.269326	022804.36+010658.9	37.018185	1.116365
8827-57444-0198	127.50867	39.317179	164645.30+514159.4	251.68877	51.69986
0927-52577-0640	117.38911	23.537028	000716.86+215146.3	1.820267	21.86288
3810-55531-0928	131.84651	2.3238022	012326.27+235503.9	20.859492	23.917771
7517-56772-0135	139.84617	45.375755	025306.51-021345.4	43.277135	-2.229287
1788-54468-0051	146.34078	63.628077	003408.89+073033.4	8.537079	7.509284
1272-52989-0566	136.72047	33.953167	134147.97+533646.0	205.44989	53.61286
7317-56992-0274	121.47236	49.793688	025306.51-021345.4	43.277135	-2.229287
3681-55243-0672	119.00691	48.202654	083953.06+193830.1	129.97109	19.641699
5179-55957-0254	134.30428	24.811764	114156.80+044043.9	175.48671	4.678863
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
4603-55999-0240	137.54039	42.062191	145302.38+470832.7	223.25992	47.142439
4793-55648-0081	130.15097	-0.43159118	223528.50+220020.7	338.86876	22.005754
5297-55913-0242	135.91529	16.381649	021741.23-040035.0	34.421802	-4.009735
7317-56992-0576	120.33839	49.811768	235115.57+204944.1	357.81491	20.828926
0834-52316-0396	142.99084	47.455703	002410.51+261633.9	6.043819	26.276085
8191-57390-0551	145.51899	57.587441	100950.90+254712.7	152.46211	25.786877
8857-57449-0548	124.69868	38.177813	123725.21+475700.1	189.35504	47.950035
3810-56015-0053	131.86248	1.1763008	120758.37+391630.6	181.99324	39.275192
1198-52669-0511	134.32705	39.398506	022804.36+010658.9	37.018185	1.116365
7280-56709-0474	121.49761	56.507172	014645.25-001236.4	26.688557	-0.210137
5291-55947-0206	133.52322	9.7889746	002440.07+261147.1	6.166968	26.196427
2284-53708-0016	136.74796	21.254124	004621.65+204525.7	11.59024	20.757157
7379-56713-0104	122.59342	45.61045	083953.06+193830.1	129.97109	19.641699
4868-55895-0182	135.93905	5.8011092	004744.16+021803.2	11.934001	2.300903
7315-56685-0189	141.42879	46.065756	083953.06+193830.1	129.97109	19.641699
2276-53712-0514	128.4423	16.884692	015240.76+284754.6	28.169865	28.798513
1931-53358-0406	131.06857	25.449558	115904.38+422617.1	179.76825	42.438099
7306-56684-0697	140.65226	49.128767	225315.85+035720.5	343.31608	3.955725
4873-55926-0556	146.37899	7.5440211	114832.56+370815.6	177.1357	37.137686
5767-56245-0892	142.22295	19.763545	083953.06+193830.1	129.97109	19.641699
6386-56325-0545	112.55242	46.747313	004018.64-042559.5	10.077693	-4.433217
4454-55536-0888	130.19302	28.526461	101353.31+391619.0	153.47213	39.271965
4571-55629-0358	144.72042	39.675161	223100.05+240718.9	337.75023	24.121922
7377-56741-0310	121.53042	51.133554	111128.79+623629.3	167.86984	62.608283
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
5783-56017-0260	146.38463	18.366251	005610.48-013818.6	14.043678	-1.638512
8300-57391-0867	147.22146	42.800718	152613.80+084502.8	231.55751	8.750785
7277-56748-0204	128.4545	52.972682	083953.06+193830.1	129.97109	19.641699
6397-56365-0186	132.72642	45.14876	145302.38+470832.7	223.25992	47.142439
3756-55505-0818	121.53946	32.597136	022655.24+002211.1	36.730192	0.36975
5778-56328-0460	135.96085	24.722837	134512.31+442450.3	206.30133	44.413979
6373-56298-0500	112.64036	43.846828	114657.40+321659.9	176.73919	32.283323
7294-56739-0632	132.73916	53.60069	115325.93+251611.4	178.35808	25.269855
7276-57061-0613	131.09263	54.567722	083953.06+193830.1	129.97109	19.641699
5175-55955-0782	134.36516	20.564638	230012.33+233527.0	345.05142	23.590834
5718-56693-0252	139.13258	63.207871	154121.37+063804.1	235.33906	6.634501
1784-54425-0243	129.32654	56.903947	025316.46+010759.8	43.318607	1.133278
1584-52943-0340	121.56355	23.69076	081100.33+571134.9	122.75139	57.193049
5303-55980-0649	138.39054	13.428151	142450.83+424629.7	216.21182	42.774939
1785-54439-0309	131.9272	58.98696	111955.69+403623.6	169.98206	40.606583
8294-57365-0835	128.47814	41.682594	005925.21+225725.0	14.855057	22.956972
7316-56710-0900	145.57975	46.017389	083953.06+193830.1	129.97109	19.641699
2292-53713-0593	145.58569	21.724606	113709.49+390723.4	174.28958	39.123176
7311-57038-0586	128.48726	51.009322	121653.36+424048.8	184.22237	42.680225
7286-57096-0682	142.27029	53.972979	125911.12+482519.7	194.79635	48.422167
3812-55513-0606	131.93761	0.91830312	002838.52-034328.7	7.160507	-3.724645
0825-52289-0109	122.67703	33.320006	105440.98-002048.4	163.67078	-0.346795
8278-56990-0229	123.74358	43.327858	134128.52+492438.1	205.36886	49.410674
1266-52709-0180	123.74425	25.653817	223100.05+240718.9	337.75023	24.121922
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7299-56686-0765	148.04306	48.26973	083953.06+193830.1	129.97109	19.641699
4792-55925-0778	125.78104	2.6194134	090154.96+380534.5	135.47902	38.092913
0552-51992-0490	135.99643	51.546359	011100.99+243005.4	17.754143	24.501513
4683-55924-0342	128.50023	43.030031	121729.19+373903.7	184.37165	37.651052
4465-55858-0992	121.59545	25.316016	123338.65+422238.3	188.41103	42.377291
8295-57401-0507	129.35909	41.792831	125911.12+482519.7	194.79635	48.422167
8278-56990-0210	123.76413	43.03346	094555.44+404950.2	146.48101	40.830634
4445-55869-0168	129.36137	31.338609	142304.15+524630.1	215.7673	52.775047
5323-55957-0820	148.83479	12.67154	003003.16-032100.0	7.513175	-3.350027
7318-56990-0105	126.71716	48.061994	141249.21+510006.8	213.20507	51.001897
4485-55836-0128	117.62612	18.770303	140406.76+431740.5	211.02816	43.294602
7284-56683-0482	148.05326	45.372258	161238.32+572759.3	243.15969	57.466503
3826-55563-0526	143.94541	0.78883541	012446.05+250004.7	21.191887	25.001314
3808-55513-0374	126.71796	40.698992	225205.31+245250.0	343.02215	24.880565
2426-53795-0028	130.25489	11.154678	104657.59+435601.5	161.74	43.933762
7302-57012-0908	130.25564	53.304773	121653.36+424048.8	184.22237	42.680225
8831-57448-0392	138.42232	39.057339	081812.00+244410.1	124.55002	24.736157
0892-52378-0498	122.71344	35.974225	142450.83+424629.7	216.21182	42.774939
3681-55243-0714	119.20999	48.413913	083953.06+193830.1	129.97109	19.641699
4636-55945-0210	148.0616	39.832419	002538.51+223655.2	6.410493	22.615341
2084-53360-0408	130.26879	23.097399	134423.34+381703.3	206.09728	38.284258
1214-52731-0515	142.30043	39.860433	223100.05+240718.9	337.75023	24.121922
8854-57450-0281	150.41224	35.484383	080333.51+552008.4	120.88968	55.335765
4868-55895-0988	136.8393	6.6563127	083953.06+193830.1	129.97109	19.641699
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
2419-54139-0577	121.62532	10.078723	134128.52+492438.1	205.36886	49.410674
8286-57062-0502	146.45749	44.429955	224033.07+195411.4	340.1378	19.903176
0476-52314-0415	143.95359	0.7444342	121835.58+424749.4	184.64827	42.79706
4455-55539-0728	126.73828	28.490986	115325.93+251611.4	178.35808	25.269855
1938-53379-0437	139.18677	31.042261	013753.96+024207.0	24.474855	2.701947
7375-56981-0601	124.83848	56.321693	081237.63+345629.4	123.15683	34.94151
8301-57390-0866	150.41714	42.156032	004744.16+021803.2	11.934001	2.300903
0756-52577-0129	117.67167	33.094696	003408.89+073033.4	8.537079	7.509284
3694-55209-0970	127.65756	50.248493	022608.28-002332.5	36.534515	-0.392376
1739-53050-0245	136.85256	9.9164418	221625.26+210435.8	334.10529	21.076622
8285-57048-0187	145.63408	43.642091	025306.51-021345.4	43.277135	-2.229287
8829-57446-0842	133.62804	40.023532	022320.19-030423.0	35.834164	-3.073058
4696-56354-0668	141.5148	45.716199	021642.27-025843.2	34.176164	-2.978688
2085-53379-0163	132.81571	23.047303	230012.33+233527.0	345.05142	23.590834
3825-55533-0754	143.12363	1.0173276	005925.21+225725.0	14.855057	22.956972
8284-57419-0066	143.1272	43.329602	125058.11+570921.5	192.74206	57.156007
8828-57445-0777	130.29268	39.623038	100047.91+372740.7	150.19963	37.461322
7276-57061-0853	132.82102	54.626132	073440.76+445337.6	113.66987	44.893802
5330-56000-0510	150.43177	15.26206	011432.12-015357.6	18.63387	-1.899342
0571-52286-0525	148.09272	4.9365427	002538.51+223655.2	6.410493	22.615341
7277-56748-0608	126.75869	54.769838	014135.09+010116.3	25.39621	1.021202
6384-56363-0154	132.82867	43.774301	024650.75+020751.7	41.711468	2.131029
7308-56709-0580	145.67372	46.675871	164514.64+531001.8	251.311	53.167193
2287-53705-0482	137.69984	23.141139	125633.69+573846.0	194.14043	57.646197
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
1782-53383-0146	125.86445	54.230686	083953.06+193830.1	129.97109	19.641699
8196-57346-0141	140.78204	55.721383	140726.61+282236.1	211.8609	28.376718
7285-56991-0645	139.23218	54.756612	111128.79+623629.3	167.86984	62.608283
4458-55536-0930	121.70178	27.054212	235005.48+233814.2	357.52283	23.637289
7309-56991-0369	123.85553	49.57597	021507.10-035725.3	33.779611	-3.957032
7279-57071-0790	135.26468	56.844039	004744.16+021803.2	11.934001	2.300903
0449-51900-0169	134.48075	53.195928	111837.14+280054.9	169.65479	28.015255
7376-56749-0363	123.86102	53.4021	134128.52+492438.1	205.36886	49.410674
8276-57067-0588	116.02933	45.131814	111128.79+623629.3	167.86984	62.608283
0565-52225-0358	132.85848	3.2792461	235629.03+010930.7	359.121	1.158571
3663-55176-0378	113.49582	45.087567	083953.06+193830.1	129.97109	19.641699
3670-55480-0080	117.76841	38.901137	021742.25-015937.9	34.42605	-1.993883
5315-55978-0278	144.86374	14.680608	115624.92+470435.1	179.10385	47.076432
7302-57012-0409	127.71322	51.691036	152613.80+084502.8	231.55751	8.750785
5767-56245-0290	141.56608	18.391621	163826.43+304853.3	249.61014	30.814813
7309-56991-0394	123.87059	50.474698	112139.49+601009.0	170.41454	60.169277
1878-54474-0262	142.35701	66.747317	083953.06+193830.1	129.97109	19.641699
4511-55602-0098	119.33806	9.6001556	085450.39+492315.6	133.70998	49.387751
5151-56567-0086	126.8096	54.351201	083953.06+193830.1	129.97109	19.641699
5302-55896-0846	138.49975	11.862382	091454.59+191017.8	138.72746	19.171633
4745-55892-0085	121.72895	-0.12635397	124058.54+624814.5	190.2438	62.804142
8829-57446-0285	132.87184	38.164458	142350.04+550316.2	215.95847	55.054594
3755-55504-0258	120.60122	30.219317	114832.56+370815.6	177.1357	37.137686
8169-57071-0335	126.81351	56.977644	081558.88+224139.3	123.99534	22.694275
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
4788-55889-0312	122.83275	0.31545849	100950.90+254712.7	152.46211	25.786877
5299-55927-0070	137.73626	8.2668385	001213.29+242323.6	3.055415	24.389909
1949-53433-0528	150.48712	33.08203	220425.37+213206.3	331.10572	21.535093
1735-53035-0626	116.07579	42.849251	115904.38+422617.1	179.76825	42.438099
2427-53815-0243	128.61488	13.944556	081505.42+005520.5	123.77261	0.922365
8829-57446-0080	134.50753	39.212199	085450.39+492315.6	133.70998	49.387751
8291-57391-0161	119.3609	40.282758	221625.26+210435.8	334.10529	21.076622
7378-56715-0134	124.94374	48.048903	083953.06+193830.1	129.97109	19.641699
2291-53714-0406	140.03648	25.583634	111837.14+280054.9	169.65479	28.015255
5707-56269-0288	127.73399	59.360387	022726.14+010909.0	36.858925	1.152511
8292-57373-0450	120.61706	40.72339	111837.14+280054.9	169.65479	28.015255
2288-53699-0344	137.74771	20.389738	093416.02+441353.4	143.5668	44.231501
3791-55501-0184	117.82066	35.238495	123016.87+392844.5	187.57029	39.479042
7320-56722-0338	130.37447	46.529985	005925.21+225725.0	14.855057	22.956972
2958-54552-0429	148.94074	32.513888	091126.91+543814.8	137.86215	54.63746
2958-54552-0324	148.93992	33.215468	094555.44+404950.2	146.48101	40.830634
7299-56686-0817	148.1684	48.073751	095131.29+503251.0	147.8804	50.547513
4469-55863-0392	121.76138	23.49227	004135.96+282218.6	10.399846	28.371861
0501-52235-0224	150.50629	2.0581798	223000.09+184347.2	337.50041	18.729789
0937-52707-0245	136.94058	38.006665	012744.95+265440.1	21.937306	26.911156
7275-57093-0248	137.76371	53.592101	013600.23+240543.0	24.000995	24.095301
8283-57064-0552	137.76457	44.775112	005615.87-013042.6	14.066135	-1.511838
7302-57012-0522	126.84119	52.92213	012849.97-031338.3	22.208246	-3.227317
3698-55501-0146	121.77793	54.377696	095234.75+503257.3	148.14481	50.54935
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
6388-56309-0865	117.85516	46.607352	110440.72+602822.4	166.16966	60.472994
8297-57416-0940	138.53701	41.6319	100950.90+254712.7	152.46211	25.786877
0943-52376-0360	150.51765	45.252772	125528.82+271329.9	193.87011	27.224985
4602-55644-0106	134.5421	34.987955	013753.96+024207.0	24.474855	2.701947
2431-53818-0437	132.91474	15.883446	232814.76+232305.6	352.06152	23.384892
0266-51630-0208	145.74093	-0.78478748	210001.24-071136.3	315.00519	-7.193428
1270-52991-0087	132.09286	30.163803	005335.48+221537.3	13.397866	22.260367
7308-56709-0698	146.57656	46.678365	095234.75+503257.3	148.14481	50.54935
3821-55535-0678	138.54417	0.60531961	011642.53-071312.8	19.177228	-7.220237
4842-55867-0316	122.89651	6.5640893	160546.26+591403.6	241.44272	59.234373
7308-56709-0783	147.41095	47.975829	104614.80+375928.5	161.56169	37.991256
8290-57364-0211	116.18793	41.22305	110546.14+641557.3	166.44224	64.266039
3662-55182-0726	113.78944	36.676536	125911.12+482519.7	194.79635	48.422167
0832-52312-0005	139.30336	43.8688	145302.38+470832.7	223.25992	47.142439
5292-55926-0839	133.75433	17.700115	003003.16-032100.0	7.513175	-3.350027
7513-56780-0418	133.7518	48.000142	013600.23+240543.0	24.000995	24.095301
6783-56284-0711	130.41752	45.306385	091247.29+392757.5	138.19706	39.465983
0550-51959-0158	130.41842	47.997553	134808.77+422250.5	207.03658	42.380714
3802-55528-0710	120.69653	39.625783	081558.88+224139.3	123.99534	22.694275
1868-53318-0181	116.22588	48.030873	104639.75+443924.1	161.66565	44.656721
3826-55563-0888	145.76721	0.50518448	111837.14+280054.9	169.65479	28.015255
7377-56741-0438	120.69724	51.524695	111128.79+623629.3	167.86984	62.608283
2279-53708-0181	131.28748	17.588344	074604.21+280624.9	116.51758	28.106937
1295-52934-0399	121.82076	6.0888524	140726.61+282236.1	211.8609	28.376718
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7324-56935-0418	120.69877	46.728926	131621.34+232800.3	199.08893	23.466758
2437-53848-0423	136.9856	17.106454	003408.89+073033.4	8.537079	7.509284
0767-52252-0472	140.86885	52.039353	230020.05+202739.1	345.08357	20.460864
3826-55563-0552	144.1172	0.57601911	142137.77+441355.5	215.4074	44.232092
3665-55247-0480	113.88244	47.267418	012432.49+200242.6	21.135404	20.045172
4645-55623-0974	137.80512	36.03072	004621.65+204525.7	11.59024	20.757157
7279-57071-0724	134.57756	56.676858	022726.14+010909.0	36.858925	1.152511
8300-57391-0740	146.61547	41.947912	115325.93+251611.4	178.35808	25.269855
1299-52972-0534	134.5855	8.5310059	013753.96+024207.0	24.474855	2.701947
7309-56991-0651	124.01125	50.92505	091948.41+400519.7	139.95172	40.088815
5942-56210-0760	113.92806	45.200929	011100.99+243005.4	17.754143	24.501513
7291-56992-0104	144.97816	50.863418	111955.69+403623.6	169.98206	40.606583
2960-54561-0559	131.32218	32.465271	083953.06+193830.1	129.97109	19.641699
4797-55662-0724	144.14796	5.0827917	111955.69+403623.6	169.98206	40.606583
1269-52937-0576	131.32472	31.044486	002440.07+261147.1	6.166968	26.196427
4473-55589-0844	117.9751	22.786011	002440.07+261147.1	6.166968	26.196427
4575-55590-0586	144.15269	37.148613	021741.23-040035.0	34.421802	-4.009735
4788-55889-0722	122.95549	1.3473879	011100.99+243005.4	17.754143	24.501513
1273-52993-0513	138.60009	35.022583	022320.19-030423.0	35.834164	-3.073058
8829-57446-0592	132.16252	40.216125	132854.67+470810.0	202.22778	47.13612
8296-57375-0635	133.80126	42.317452	095234.75+503257.3	148.14481	50.54935
8854-57450-0604	149.82931	37.013	121930.99+535836.4	184.87913	53.976868
5177-56245-0198	132.98371	21.43813	110546.14+641557.3	166.44224	64.266039
0945-52652-0391	149.04534	55.496017	154128.24+553156.7	235.36771	55.532513
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7318-56990-0897	126.94981	48.791126	125911.12+482519.7	194.79635	48.422167
1018-52672-0449	181.30539	55.997777	012011.27+200529.9	20.046972	20.091642
2882-54498-0172	164.06998	63.041172	123016.87+392844.5	187.57029	39.479042
6687-56602-0758	153.58306	53.982908	013753.96+024207.0	24.474855	2.701947
8358-57451-0356	160.18049	43.559915	123851.36+475731.0	189.71402	47.95863
4686-56013-0114	171.12475	42.729713	011525.21+050929.5	18.85508	5.158198
5885-56036-0280	158.59026	19.0088	235629.03+010930.7	359.121	1.158571
0559-52316-0592	156.92817	59.287577	145302.38+470832.7	223.25992	47.142439
2477-54058-0560	160.99561	23.342955	160546.26+591403.6	241.44272	59.234373
7109-56658-0906	171.13712	63.270581	015026.85+260524.4	27.611879	26.090132
0327-52294-0454	173.48251	-1.4872009	004135.96+282218.6	10.399846	28.371861
6647-56390-0236	172.67506	46.47429	142450.83+424629.7	216.21182	42.774939
6702-56381-0614	160.20277	50.30973	111837.14+280054.9	169.65479	28.015255
8170-57131-0874	172.67667	56.357679	085450.39+492315.6	133.70998	49.387751
1972-53466-0024	175.79469	38.799785	134128.52+492438.1	205.36886	49.410674
6450-56331-0728	156.94879	33.885216	153814.65+221730.3	234.56108	22.291774
2026-53711-0625	164.84711	32.673108	005335.48+221537.3	13.397866	22.260367
7329-56719-0672	150.66404	48.561005	083953.06+193830.1	129.97109	19.641699
0511-52636-0207	170.37963	1.3357753	223100.05+240718.9	337.75023	24.121922
0277-51908-0495	165.60956	0.59809134	090324.75+424912.5	135.85314	42.820161
7398-56781-0302	173.49206	45.510623	220846.33+240844.7	332.19305	24.145753
7101-56659-0062	168.01133	55.572907	215647.11+191529.8	329.19632	19.258299
6700-56384-0956	167.20407	51.034774	124058.54+624814.5	190.2438	62.804142
6449-56356-0109	163.31016	28.372747	024650.75+020751.7	41.711468	2.131029
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
8367-57429-0629	168.02132	42.494007	094555.44+404950.2	146.48101	40.830634
6692-56390-0770	168.83265	49.75638	223847.39-002106.9	339.69747	-0.351926
2353-53794-0577	157.77941	28.093618	002307.69-040730.3	5.782065	-4.125111
5381-56009-0610	175.81068	14.057307	004744.16+021803.2	11.934001	2.300903
7386-56769-0062	157.7804	46.728514	230012.33+233527.0	345.05142	23.590834
6457-56330-0896	159.4177	27.229899	083953.06+193830.1	129.97109	19.641699
8849-57457-0458	168.84211	35.913415	004744.16+021803.2	11.934001	2.300903
4566-55630-0692	150.68518	41.112099	011100.99+243005.4	17.754143	24.501513
8302-57389-0150	153.63479	41.148747	005925.21+225725.0	14.855057	22.956972
7401-56808-0236	176.55259	45.955376	144328.51+103826.8	220.86879	10.640809
6452-56366-0828	160.24883	29.977005	081558.88+224139.3	123.99534	22.694275
8229-57430-0614	179.68873	55.56641	085450.39+492315.6	133.70998	49.387751
2494-54174-0386	169.62688	17.068358	015413.51+042059.0	28.556319	4.349741
7392-56992-0288	163.33563	45.316267	092845.08+134801.4	142.18786	13.800414
6698-56637-0372	170.41577	52.332888	021337.50+023511.9	33.40627	2.586665
7103-56661-0280	165.64521	60.418864	152022.67+322204.5	230.09449	32.367917
4647-55621-0436	178.10208	34.1515	221851.83+205114.0	334.71597	20.853903
6422-56328-0510	174.31718	23.439993	083926.50+564228.0	129.86042	56.70779
6459-56273-0904	151.40723	24.300136	111955.69+403623.6	169.98206	40.606583
2036-53446-0476	172.7229	38.09998	231201.18+255807.3	348.00492	25.968719
7403-57071-0726	176.56354	49.945659	021507.10-035725.3	33.779611	-3.957032
3776-55209-0180	179.70093	-2.5730479	231201.18+255807.3	348.00492	25.968719
7403-57071-0010	178.90992	49.028969	150717.62+571727.7	226.82338	57.291095
8366-57432-0642	164.88816	42.082481	163248.20+495150.4	248.20086	49.864026
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
6465-56279-0687	154.44913	25.508935	103439.69+532850.1	158.6654	53.480634
7387-57038-0433	158.65111	48.765278	015026.85+260524.4	27.611879	26.090132
7386-56769-0340	156.12097	46.880957	101247.08+134503.8	153.19621	13.751084
6469-56328-0047	153.66457	28.76448	140726.61+282236.1	211.8609	28.376718
7081-56684-0920	153.66468	62.576273	003003.16-032100.0	7.513175	-3.350027
6692-56390-0014	170.42891	48.568541	083953.06+193830.1	129.97109	19.641699
7400-57134-0942	175.84316	50.940444	111101.00+463032.1	167.75417	46.508932
8164-57127-0804	171.19069	53.661653	100336.25+220800.8	150.90105	22.133568
2413-54169-0499	168.87218	9.797256	101251.66+445532.4	153.21524	44.925695
6475-56337-0432	180.56177	28.388057	120754.74+370829.9	181.97809	37.141662
7082-56713-0759	154.45978	64.877656	021642.27-025843.2	34.176164	-2.978688
5391-56000-0578	181.39536	10.351701	110546.14+641557.3	166.44224	64.266039
0490-51929-0044	165.66868	65.427989	232809.33+243456.3	352.03889	24.58232
0507-52353-0199	162.60397	1.8752322	120754.74+370829.9	181.97809	37.141662
7393-56749-0074	167.28154	45.77866	085450.39+492315.6	133.70998	49.387751
2099-53469-0076	179.72537	34.022076	004135.96+282218.6	10.399846	28.371861
6421-56274-0832	172.75494	23.516808	025306.51-021345.4	43.277135	-2.229287
6418-56354-0388	164.15067	23.621559	012658.38-033205.8	21.743261	-3.534945
6413-56336-0862	168.88916	27.062225	231100.18+011211.9	347.75076	1.203304
7387-57038-0308	159.4678	48.939191	005803.35+302950.9	14.513978	30.497488
0772-52375-0350	154.47244	62.44817	115904.38+422617.1	179.76825	42.438099
3841-55572-0316	175.11758	-0.77436977	084116.50+562715.0	130.31873	56.454276
0516-52017-0580	180.58315	3.42202	090825.07+014227.7	137.10446	1.707702
6413-56336-0056	169.67395	24.993607	083523.56+384313.2	128.84817	38.72034
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
6677-56385-0730	178.95169	49.326781	080703.19+424620.1	121.76332	42.772281
8873-57427-0543	174.35629	37.694998	223100.05+240718.9	337.75023	24.121922
6465-56279-0148	155.30894	24.671249	143745.49+495050.3	219.43958	49.847337
0282-51658-0638	175.13378	0.32883922	083926.50+564228.0	129.86042	56.70779
6839-56425-0110	179.74819	55.070906	002440.07+261147.1	6.166968	26.196427
8165-57374-0223	167.30269	51.900492	124900.56+424720.1	192.25237	42.788944
6439-56358-0020	161.11094	25.189555	081558.88+224139.3	123.99534	22.694275
8360-57452-0297	166.50491	43.147304	082418.87+341656.9	126.07864	34.282487
7390-57130-0456	161.11452	47.379355	131134.38+592010.6	197.89323	59.336361
2498-54169-0584	172.78566	20.08092	015646.33+115644.3	29.193047	11.945665
0908-52373-0199	166.5085	56.160414	160546.26+591403.6	241.44272	59.234373
5335-56013-0400	153.71492	14.760274	023931.87+002854.0	39.882825	0.481675
1973-53432-0309	157.05557	36.929583	014915.96+023324.9	27.316533	2.556933
0515-52051-0043	178.97447	1.4076882	232814.76+232305.6	352.06152	23.384892
8167-57071-0778	159.49741	51.331532	022320.19-030423.0	35.834164	-3.073058
4738-55650-0328	152.21592	1.172958	111837.14+280054.9	169.65479	28.015255
5350-56009-0907	161.88044	15.497272	101528.86+533325.5	153.87024	53.557191
8369-57451-0540	172.79344	41.625046	083953.06+193830.1	129.97109	19.641699
1951-53389-0625	153.72278	35.238984	115904.38+422617.1	179.76825	42.438099
6425-56298-0354	157.88181	22.912883	212852.68+080308.6	322.21951	8.05239
8382-57513-0557	179.76825	42.438099	083953.06+193830.1	129.97109	19.641699
8367-57429-0207	168.93113	41.143005	100047.91+372740.7	150.19963	37.461322
2226-53819-0010	181.44767	26.422906	022804.36+010658.9	37.018185	1.116365
4564-55570-0996	157.88445	36.0236	013836.26+291625.6	24.651098	29.2738
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7329-56719-0682	150.76664	47.991808	095131.29+503251.0	147.8804	50.547513
7329-56719-0784	151.47019	48.971613	004621.65+204525.7	11.59024	20.757157
4853-55928-0386	161.13381	6.2918888	115624.92+470435.1	179.10385	47.076432
6415-56310-0752	173.61687	25.466681	150717.62+571727.7	226.82338	57.291095
6412-56358-0494	164.19793	25.970303	134128.52+492438.1	205.36886	49.410674
1952-53378-0587	152.9867	33.929273	021337.50+023511.9	33.40627	2.586665
8369-57451-0408	173.62489	40.719909	101528.86+533325.5	153.87024	53.557191
2347-53757-0463	152.23716	26.588116	010810.76-015457.5	17.044852	-1.915995
0877-52353-0601	167.34881	52.013799	000300.02+022852.0	0.750113	2.481118
7385-56710-0182	155.36617	45.635898	131727.04+421002.1	199.3627	42.167252
5846-56017-0738	180.65124	19.278473	083953.06+193830.1	129.97109	19.641699
5338-56002-0932	156.21681	12.876372	114948.93+482459.5	177.45388	48.416621
8825-57451-0636	150.78955	39.633454	020901.44+012356.9	32.256007	1.399155
5332-55981-0348	152.24699	16.439572	142450.83+424629.7	216.21182	42.774939
8872-57422-0642	177.42711	37.269039	112026.51+580447.7	170.11046	58.079928
6445-56366-0802	163.45638	31.663792	083953.06+193830.1	129.97109	19.641699
4652-55672-0794	179.02455	38.787971	020718.38+210429.9	31.826586	21.074985
6690-56416-0276	175.18881	52.250159	133928.78+450634.6	204.86995	45.109634
8844-57424-0092	172.83433	39.000963	123722.12+402719.4	189.34221	40.455398
1223-52781-0545	172.83456	10.033286	084302.03+485710.8	130.7585	48.953022
3771-55544-0842	160.38469	-1.6538756	124058.54+624814.5	190.2438	62.804142
0950-52378-0001	168.18677	57.701515	021742.25-015937.9	34.42605	-1.993883
1240-52734-0602	160.38536	10.177235	012616.13+050209.9	21.56725	5.036112
1953-53358-0170	152.26746	29.948175	231201.18+255807.3	348.00492	25.968719
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
4831-55679-0596	180.67496	6.7053828	112026.51+580447.7	170.11046	58.079928
6454-56336-0262	154.56796	33.471288	081100.33+571134.9	122.75139	57.193049
0575-52319-0049	156.2566	3.2909973	223100.05+240718.9	337.75023	24.121922
0514-51994-0040	177.45122	2.0848444	011046.83-043803.3	17.695134	-4.634255
8175-57039-0423	150.82617	51.142969	083953.06+193830.1	129.97109	19.641699
0996-52641-0243	151.52361	5.2302831	221250.45+201846.7	333.21025	20.312984
7392-56992-0246	163.49319	45.158239	133225.24+342419.1	203.1052	34.405311
2595-54207-0469	180.69961	17.676259	083953.06+193830.1	129.97109	19.641699
6660-56370-0302	150.83749	50.776436	013614.30+262709.2	24.059623	26.452571
7392-56992-0918	164.26381	46.815515	015751.43+274029.6	29.464329	27.674895
5361-55973-0812	166.58931	10.742384	023339.51-033215.5	38.414658	-3.537656
7110-56746-0428	167.41318	64.240448	140726.61+282236.1	211.8609	28.376718
4634-55626-0246	160.41525	36.990468	092101.37+523524.7	140.25573	52.590317
6838-56429-0513	179.87235	56.73058	083953.06+193830.1	129.97109	19.641699
8179-57429-0285	160.41623	54.555136	142350.04+550316.2	215.95847	55.054594
7382-56991-0864	157.97233	50.441141	103334.68+495047.7	158.3945	49.846703
6457-56330-0816	158.79948	27.270759	123633.74+655837.5	189.14058	65.977173
7401-56808-0978	178.26358	46.45887	000716.86+215146.3	1.820267	21.86288
8819-57450-0660	168.23162	39.378584	121214.69+043407.6	183.06124	4.568797
2372-53768-0281	150.84454	17.900682	113020.40+422204.2	172.58501	42.367845
1611-53147-0156	181.54568	12.39995	231201.18+255807.3	348.00492	25.968719
6684-56412-0528	173.70672	50.109272	132658.39+455100.9	201.7433	45.850264
8228-57423-0518	177.48916	53.708929	021642.27-025843.2	34.176164	-2.978688
5351-55952-0663	161.21839	10.668331	094706.42+083421.3	146.77678	8.572605
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
6468-56311-0816	150.85469	32.885281	221625.26+210435.8	334.10529	21.076622
7092-56683-0578	172.89859	56.977987	002422.07+221932.6	6.091984	22.325736
6413-56336-0440	167.43167	25.64154	092450.30+231749.8	141.20959	23.297183
4691-55651-0576	157.15892	44.622397	084129.37+555946.8	130.37232	55.99645
6418-56354-0644	164.29038	24.199241	220239.73+205102.4	330.66555	20.850673
2111-53467-0337	168.24996	35.373844	003844.41+275347.5	9.685071	27.896551
6452-56366-0708	159.63219	30.204016	021642.27-025843.2	34.176164	-2.978688
8228-57423-0361	178.28808	52.093782	013201.54+235323.4	23.006452	23.889835
8161-57127-0588	164.29939	50.632015	140726.61+282236.1	211.8609	28.376718
0598-52316-0113	179.09735	64.165406	013753.96+024207.0	24.474855	2.701947
6442-56369-0940	165.8443	32.97751	001453.83+021452.2	3.724331	2.247847
8360-57452-0278	166.63696	43.684132	002838.52-034328.7	7.160507	-3.724645
6456-56339-0278	157.17167	29.414008	103334.68+495047.7	158.3945	49.846703
6408-56329-0274	169.83816	27.197312	103334.68+495047.7	158.3945	49.846703
8160-57071-0054	171.37577	50.172629	083953.06+193830.1	129.97109	19.641699
4700-55709-0294	181.58689	38.409223	110156.43+442424.8	165.48515	44.406912
0502-51957-0511	153.10135	2.1318537	081558.88+224139.3	123.99534	22.694275
8854-57450-0999	152.33773	36.924094	133953.90+461731.0	204.97459	46.291952
8365-57450-0050	163.55807	40.971468	154121.37+063804.1	235.33906	6.634501
3785-55241-0966	158.85074	-1.7242455	141757.98+463042.5	214.49161	46.511816
1744-53055-0156	150.89432	12.309598	082253.89+420720.1	125.72455	42.122254
2881-54502-0549	176.03012	59.940836	013423.96+262025.8	23.599857	26.340527
8381-57512-0321	177.54075	40.532188	073440.76+445337.6	113.66987	44.893802
0951-52398-0150	170.63284	58.371187	223100.05+240718.9	337.75023	24.121922
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7108-56686-0039	172.16234	59.791895	152022.67+322204.5	230.09449	32.367917
2092-53460-0508	168.29895	31.129865	015225.11+222815.6	28.104661	22.471011
6678-56401-0949	177.54572	48.601081	012616.13+050209.9	21.56725	5.036112
8161-57127-0085	166.66875	49.350789	152613.80+084502.8	231.55751	8.750785
7113-56711-0636	172.17125	63.792255	114948.93+482459.5	177.45388	48.416621
6424-56272-0918	156.37243	23.411409	111837.14+280054.9	169.65479	28.015255
7095-56625-0370	161.28362	57.877951	023931.87+002854.0	39.882825	0.481675
8819-57450-0840	169.08895	40.017942	001453.83+021452.2	3.724331	2.247847
5378-56011-0794	175.30724	16.012955	131134.38+592010.6	197.89323	59.336361
8163-57049-0155	176.05674	52.823323	100047.91+372740.7	150.19963	37.461322
7110-56746-0270	169.09537	64.120151	132854.67+470810.0	202.22778	47.13612
4562-55570-0854	154.70157	41.285104	000716.86+215146.3	1.820267	21.86288
5339-55922-0748	155.5399	9.6634939	012446.05+250004.7	21.191887	25.001314
1443-53055-0243	172.19957	40.573728	083953.06+193830.1	129.97109	19.641699
1356-53033-0150	151.64719	39.213787	083118.03+395053.7	127.82513	39.848271
2035-53436-0558	178.36128	36.290642	121103.92+123406.1	182.76634	12.568381
8856-57453-0388	152.38942	35.633371	132008.67+413820.7	200.03613	41.639096
8186-57452-0358	155.54002	56.949786	090449.96+495136.4	136.20814	49.860216
8849-57457-0944	170.67598	37.858019	094555.44+404950.2	146.48101	40.830634
6706-56385-0834	165.13724	53.138842	014005.12+024700.2	25.021372	2.783406
5359-55953-0506	164.37265	9.5125312	021741.23-040035.0	34.421802	-4.009735
6644-56384-0546	177.58682	47.838489	012616.13+050209.9	21.56725	5.036112
5874-56039-0316	159.72124	20.579944	082202.44+264642.2	125.51019	26.778393
4686-56013-0594	169.11667	43.751625	144033.18+374409.4	220.13828	37.735947
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
2490-54179-0096	167.53591	18.380398	004621.65+204525.7	11.59024	20.757157
6677-56385-0378	178.36789	48.05014	005537.20+053449.8	13.905006	5.580525
2351-53772-0425	154.71387	29.804628	221851.83+205114.0	334.71597	20.853903
5340-56011-0463	155.55501	14.109893	132038.12+471543.2	200.15886	47.262086
6441-56364-0602	167.54133	30.338869	081558.88+224139.3	123.99534	22.694275
6466-56310-0094	153.17238	24.656505	101353.31+391619.0	153.47213	39.271965
8175-57039-0124	153.17112	50.491602	024650.75+020751.7	41.711468	2.131029
8302-57389-0668	152.40677	41.902768	153134.71+043842.3	232.89466	4.645106
1976-53401-0221	179.99831	40.007419	014135.09+010116.3	25.39621	1.021202
4626-55647-0376	165.15178	35.895921	121417.06+275826.6	183.57112	27.974081
8359-57449-0842	164.38655	44.463059	160855.86+111725.0	242.23278	11.290299
8177-57374-0129	169.93035	56.025584	001453.83+021452.2	3.724331	2.247847
6408-56329-0278	169.93201	27.211967	014113.52-012304.2	25.306344	-1.384515
6433-56339-0557	173.83033	31.367602	083953.06+193830.1	129.97109	19.641699
0331-52368-0110	180.85995	-2.8464875	221134.35+195135.4	332.89315	19.859857
6700-56384-0824	165.94895	51.61898	000612.11+075843.7	1.550469	7.978802
6668-56605-0762	154.74447	51.726747	021337.50+023511.9	33.40627	2.586665
6682-56390-0374	181.68414	51.887889	023931.87+002854.0	39.882825	0.481675
6702-56381-0566	159.7567	50.782926	073440.76+445337.6	113.66987	44.893802
7401-56808-0120	177.62465	46.109427	100806.71+452858.6	152.02797	45.482945
6434-56362-0571	169.94872	29.890458	134128.52+492438.1	205.36886	49.410674
4773-55648-0500	158.94876	4.2513347	132038.12+471543.2	200.15886	47.262086
1224-52765-0335	173.04408	10.632487	134512.31+442450.3	206.30133	44.413979
0331-52368-0577	180.87962	-1.6865915	011525.21+050929.5	18.85508	5.158198
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
5877-56041-0044	168.39163	18.575575	102756.70+254146.8	156.98626	25.696336
6441-56364-0614	167.57874	30.260485	125911.12+482519.7	194.79635	48.422167
6839-56425-0122	179.22451	54.124671	101528.86+533325.5	153.87024	53.557191
0282-51658-0249	173.05429	-0.87920319	002440.07+261147.1	6.166968	26.196427
7381-56717-0597	153.21057	49.990672	124926.31+361801.3	192.35965	36.300367
6428-56279-0115	166.75602	21.242757	091028.76+481931.8	137.61987	48.325513
6464-56309-0592	156.46251	26.353802	022320.19-030423.0	35.834164	-3.073058
8826-57452-0556	152.44346	40.282233	013753.96+024207.0	24.474855	2.701947
6423-56313-0576	176.87353	22.687385	221851.83+205114.0	334.71597	20.853903
8825-57451-0360	150.99351	38.68215	015026.85+260524.4	27.611879	26.090132
6692-56390-0692	168.40042	49.676352	083953.06+193830.1	129.97109	19.641699
3839-55575-0498	169.9669	-0.113011	153416.37+232629.9	233.56822	23.441644
6455-56370-0385	154.77163	30.35164	094007.61+513034.1	145.03171	51.509479
3843-55278-0208	179.24016	-1.1535847	121653.36+424048.8	184.22237	42.680225
2508-53875-0044	176.88137	16.368164	011717.47+023943.7	19.322809	2.662142
8229-57430-0882	181.72776	56.04059	024650.75+020751.7	41.711468	2.131029
6409-56306-0776	172.27895	27.118856	003941.14+002220.2	9.921443	0.372304
7105-56740-0218	164.44729	64.487352	121858.07+360151.5	184.742	36.030989
2012-53493-0174	174.65893	35.339783	012822.63+021737.3	22.094301	2.293699
6689-56396-0254	178.44585	52.405706	133431.74-031546.1	203.63228	-3.262828
6419-56331-0228	167.61321	23.587635	100950.90+254712.7	152.46211	25.786877
7405-57134-0720	178.44749	49.002154	142450.83+424629.7	216.21182	42.774939
7098-56661-0885	180.06684	61.285262	124926.31+361801.3	192.35965	36.300367
6419-56331-0384	166.79532	23.437989	111128.79+623629.3	167.86984	62.608283
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
8230-57430-0652	175.41491	55.695859	112026.51+580447.7	170.11046	58.079928
6704-56388-0696	159.79951	54.816329	083953.06+193830.1	129.97109	19.641699
4557-55588-0590	154.79664	43.342248	221851.83+205114.0	334.71597	20.853903
6409-56306-0882	173.09169	27.349077	102720.21+301719.2	156.83421	30.288679
0329-52056-0189	176.90045	-3.1090551	012011.27+200529.9	20.046972	20.091642
7398-56781-0968	175.42182	46.373547	120000.15+650740.3	180.00063	65.127885
6408-56329-0786	169.99547	28.203228	131727.04+421002.1	199.3627	42.167252
5349-55929-0934	161.39143	8.8988589	121653.36+424048.8	184.22237	42.680225
1009-52644-0154	159.00188	52.03837	230012.33+233527.0	345.05142	23.590834
5889-56038-0634	168.43319	18.667421	012011.27+200529.9	20.046972	20.091642
0326-52375-0626	173.09827	-1.768649	002838.52-034328.7	7.160507	-3.724645
7284-56683-0924	151.02204	46.443856	230020.05+202739.1	345.08357	20.460864
6421-56274-0422	171.53616	22.970219	091854.50+485345.4	139.7271	48.896026
8170-57131-0814	172.30436	55.416211	073440.76+445337.6	113.66987	44.893802
6697-56419-0563	173.10144	54.934287	124926.31+361801.3	192.35965	36.300367
8844-57424-0412	170.76544	38.105608	073440.76+445337.6	113.66987	44.893802
7392-56992-0518	161.40091	46.875052	212852.68+080308.6	322.21951	8.05239
2489-53857-0628	168.43751	24.296843	002538.51+223655.2	6.410493	22.615341
0275-51910-0456	161.40641	1.0604634	083953.06+193830.1	129.97109	19.641699
1369-53089-0057	181.76113	44.314427	083953.06+193830.1	129.97109	19.641699
4637-55616-0212	151.03084	35.413556	004744.16+021803.2	11.934001	2.300903
8177-57374-0200	169.21105	57.024069	021337.50+023511.9	33.40627	2.586665
6417-56308-0428	161.40803	23.958437	163438.75+560353.2	248.6615	56.064841
8849-57457-0546	168.4465	37.497627	012249.30+250410.5	20.705421	25.069604
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
8381-57512-0422	176.92938	41.294552	100950.90+254712.7	152.46211	25.786877
8844-57424-0145	172.3205	38.880083	074018.29+461422.7	115.07623	46.239653
0560-52296-0417	158.20609	60.807289	230020.05+202739.1	345.08357	20.460864
8819-57450-0836	169.22756	40.058828	005803.35+302950.9	14.513978	30.497488
7098-56661-0677	176.93294	60.468543	000716.86+215146.3	1.820267	21.86288
8370-57520-0680	175.45036	44.39218	101251.66+445532.4	153.21524	44.925695
5339-55922-0368	154.83389	7.5844462	024650.75+020751.7	41.711468	2.131029
7099-56666-0834	174.69832	58.830075	123725.21+475700.1	189.35504	47.950035
3837-55572-0872	167.65507	0.59680564	085450.39+492315.6	133.70998	49.387751
8184-57426-0612	164.49662	59.234387	123725.21+475700.1	189.35504	47.950035
8165-57374-0574	165.26354	52.637284	000716.86+215146.3	1.820267	21.86288
2591-54140-0553	157.39049	17.837112	235341.04+251407.3	358.42103	25.235381
8856-57453-0011	154.84518	35.826056	130424.01+344903.2	196.10006	34.817569
7109-56658-0286	169.24435	61.164532	015751.43+274029.6	29.464329	27.674895
4566-55630-0876	151.78356	41.366081	140726.61+282236.1	211.8609	28.376718
6413-56336-0608	167.66943	26.337506	131134.38+592010.6	197.89323	59.336361
7103-56661-0588	164.50646	61.705902	013753.96+024207.0	24.474855	2.701947
7110-56746-0334	168.47804	63.674152	015751.43+274029.6	29.464329	27.674895
8228-57423-0458	177.72622	52.417705	223000.09+184347.2	337.50041	18.729789
8825-57451-0678	151.06096	39.484401	075723.46+254318.2	119.34778	25.721732
5877-56041-0772	167.67605	19.88578	095131.29+503251.0	147.8804	50.547513
7388-56783-0094	159.06773	45.24985	081558.88+224139.3	123.99534	22.694275
8183-57375-0593	168.48813	59.724861	110341.32+245355.5	165.92218	24.898773
0561-52295-0518	162.2199	60.962941	140726.61+282236.1	211.8609	28.376718
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
0503-51999-0464	154.86405	2.4226219	120754.74+370829.9	181.97809	37.141662
4611-55603-0257	181.81851	31.82032	140726.61+282236.1	211.8609	28.376718
8167-57071-0714	159.07564	52.037838	124926.31+361801.3	192.35965	36.300367
1623-53089-0014	181.82647	6.4285294	134128.52+492438.1	205.36886	49.410674
6422-56328-0728	175.49823	23.191844	094555.44+404950.2	146.48101	40.830634
7384-56715-0674	152.55466	46.482773	004744.16+021803.2	11.934001	2.300903
1015-52734-0166	174.74787	54.369846	120132.12+372911.7	180.38384	37.486601
8183-57375-0596	168.50774	59.864989	091247.29+392757.5	138.19706	39.465983
7393-56749-0114	166.87886	45.767446	133739.83+393254.7	204.41599	39.548542
7387-57038-0816	159.9026	49.394998	002710.88+210309.1	6.795364	21.052549
6689-56396-0288	178.54517	52.773643	142350.04+550316.2	215.95847	55.054594
6416-56312-0122	176.98889	23.820835	101251.66+445532.4	153.21524	44.925695
0326-52375-0132	171.61881	-3.4990069	110341.32+245355.5	165.92218	24.898773
8359-57449-0274	163.79472	43.402394	021642.27-025843.2	34.176164	-2.978688
2882-54498-0159	164.55145	63.02218	101528.86+533325.5	153.87024	53.557191
7115-56667-0164	179.34917	66.23782	083953.06+193830.1	129.97109	19.641699
5380-55980-0768	176.25332	10.140168	013753.96+024207.0	24.474855	2.701947
8181-57073-0548	151.10181	55.029377	095847.37+503556.5	149.6974	50.599036
7113-56711-0121	174.77089	62.423588	083953.06+193830.1	129.97109	19.641699
7395-57131-0706	167.72269	50.703657	022608.28-002332.5	36.534515	-0.392376
8219-57429-0392	181.86341	52.708523	024650.75+020751.7	41.711468	2.131029
1366-53063-0082	173.99929	43.934913	020621.18-011624.2	31.588268	-1.27341
7385-56710-0987	156.63863	46.845002	102559.95+255522.5	156.4998	25.922927
6455-56370-0962	156.64304	32.026403	084129.37+555946.8	130.37232	55.99645
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
6448-56365-0584	159.93344	32.514325	101251.66+445532.4	153.21524	44.925695
3788-55246-0396	167.73368	-2.154382	145349.87+531745.8	223.4578	53.29613
6646-56389-0394	172.41029	44.056959	090154.96+380534.5	135.47902	38.092913
8368-57431-0138	172.40925	40.96376	121334.23+521452.0	183.39261	52.247903
7103-56661-0102	166.91434	60.017811	131727.04+421002.1	199.3627	42.167252
1982-53436-0544	159.94404	33.601116	230012.33+233527.0	345.05142	23.590834
2103-53467-0068	181.88473	35.974252	121729.19+373903.7	184.37165	37.651052
6413-56336-0638	167.74961	26.363728	124652.20+562122.5	191.71753	56.356329
6701-56367-0540	160.74042	48.717858	101528.86+533325.5	153.87024	53.557191
5374-55947-0862	173.22351	9.1325617	214642.51+262046.7	326.67713	26.346317
6703-56636-0766	161.52071	53.082636	021337.50+023511.9	33.40627	2.586665
5881-56038-0304	177.80438	17.633931	223100.05+240718.9	337.75023	24.121922
4559-55597-0282	157.49932	36.682585	102756.70+254146.8	156.98626	25.696336
2352-53770-0134	159.15092	24.09772	230710.86+105327.4	346.79528	10.890974
0598-52316-0436	177.04951	64.915288	083953.06+193830.1	129.97109	19.641699
4852-55689-0574	158.33644	6.6805017	004744.16+021803.2	11.934001	2.300903
7403-57071-0951	178.61683	49.733802	114156.80+044043.9	175.48671	4.678863
6694-56386-0872	159.16386	51.297499	012011.27+200529.9	20.046972	20.091642
0278-51900-0101	167.7734	-0.67734409	091948.41+400519.7	139.95172	40.088815
7110-56746-0230	169.36466	64.241453	134701.56+640504.6	206.75649	64.084695
6700-56384-0165	166.17466	48.921117	073440.76+445337.6	113.66987	44.893802
7093-56657-0312	170.15171	55.508222	004744.16+021803.2	11.934001	2.300903
0882-52370-0423	179.42117	52.662491	145349.87+531745.8	223.4578	53.29613
6457-56330-0476	157.51949	26.811512	083953.06+193830.1	129.97109	19.641699
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
8856-57453-0810	153.38644	36.100712	013423.96+262025.8	23.599857	26.340527
0775-52295-0359	167.77889	61.923346	083953.06+193830.1	129.97109	19.641699
0276-51909-0557	163.8653	0.33376681	221625.26+210435.8	334.10529	21.076622
7088-56657-0236	159.17531	57.253929	223255.46-004622.8	338.2311	-0.773002
7382-56991-0312	156.70266	49.120403	145448.13+602924.1	223.70059	60.490121
5345-56010-0980	159.98992	14.782799	004744.16+021803.2	11.934001	2.300903
6440-56370-0540	166.19425	32.864012	011432.12-015357.6	18.63387	-1.899342
2409-54210-0487	162.33836	0.600585	115624.92+470435.1	179.10385	47.076432
2357-53793-0413	163.88099	27.040526	104231.12+221300.4	160.62967	22.216807
6662-56364-0092	154.98731	45.958056	020621.18-011624.2	31.588268	-1.27341
0906-52368-0373	160.00158	56.191542	225551.03+184922.3	343.96265	18.822868
8382-57513-0132	181.94681	41.461064	134512.31+442450.3	206.30133	44.413979
6702-56381-0014	163.11397	49.839507	101353.31+391619.0	153.47213	39.271965
6426-56334-0045	161.58037	21.509925	024650.75+020751.7	41.711468	2.131029
7088-56657-0310	158.38403	56.683839	224033.07+195411.4	340.1378	19.903176
8360-57452-0538	165.41524	43.857161	083457.00+421911.5	128.73754	42.319867
5362-56017-0486	166.21591	15.249421	024650.75+020751.7	41.711468	2.131029
5374-55947-0613	172.48883	8.0547875	224033.07+195411.4	340.1378	19.903176
6427-56328-0270	163.13106	21.778533	083953.06+193830.1	129.97109	19.641699
4557-55588-0436	155.01062	42.160154	002537.74+181006.3	6.407272	18.168435
1446-53080-0247	177.88281	46.52194	160937.93+551039.7	242.40815	55.177757
8167-57071-0164	160.02998	50.460351	094555.44+404950.2	146.48101	40.830634
1010-52649-0447	161.60006	53.907305	145349.87+531745.8	223.4578	53.29613
5379-55986-0824	175.62114	12.725711	134147.97+533646.0	205.44989	53.61286
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
8367-57429-0748	168.63915	42.791394	004716.86+263614.7	11.820291	26.604102
3775-55207-0898	175.62171	-1.5634486	235005.48+233814.2	357.52283	23.637289
7112-56666-0047	180.30307	63.589618	224033.07+195411.4	340.1378	19.903176
2590-54175-0387	155.01787	16.541552	100206.79+423144.6	150.52829	42.529078
7103-56661-0306	165.44654	60.18345	025244.18-014953.0	43.184118	-1.831401
6418-56354-0270	164.66846	23.551377	115325.93+251611.4	178.35808	25.269855
8819-57450-0754	168.64398	40.209896	121858.07+360151.5	184.742	36.030989
7396-56809-0458	170.20851	45.85213	024650.75+020751.7	41.711468	2.131029
6402-56334-0844	179.48943	28.594203	142304.15+524630.1	215.7673	52.775047
6697-56419-0682	174.0994	55.128991	085606.39+391339.0	134.02663	39.227524
2593-54175-0627	160.04083	18.307781	013753.96+024207.0	24.474855	2.701947
8849-57457-0141	170.2194	36.041086	115624.92+470435.1	179.10385	47.076432
7090-56659-0752	156.76859	62.67075	021507.10-035725.3	33.779611	-3.957032
8228-57423-0146	180.32304	52.992565	083523.56+384313.2	128.84817	38.72034
7103-56661-0614	164.68514	60.597068	125932.26+413913.1	194.88444	41.653647
5353-55980-0038	163.94004	12.53056	101251.66+445532.4	153.21524	44.925695
7403-57071-0522	174.89777	49.941147	005925.21+225725.0	14.855057	22.956972
6465-56279-0525	153.46388	25.429708	082038.17+383417.1	125.15905	38.571422
4651-56008-0584	169.44617	41.786261	224033.07+195411.4	340.1378	19.903176
6685-56412-0664	171.76825	49.979972	022320.19-030423.0	35.834164	-3.073058
6644-56384-0008	181.16953	46.594809	013022.89+120724.0	22.595397	12.123352
6433-56339-0480	174.12469	30.637603	230020.05+202739.1	345.08357	20.460864
6469-56328-0462	151.23565	29.132764	153814.65+221730.3	234.56108	22.291774
6456-56339-0367	156.78818	28.200129	115904.38+422617.1	179.76825	42.438099
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
5357-55956-0122	165.47512	10.902342	101528.86+533325.5	153.87024	53.557191
6403-56357-0008	179.51768	29.939466	011100.99+243005.4	17.754143	24.501513
1366-53063-0498	173.34628	44.457086	004621.65+204525.7	11.59024	20.757157
8165-57374-0058	168.68444	51.798923	140726.61+282236.1	211.8609	28.376718
4617-55617-0238	171.01427	38.509145	100047.91+372740.7	150.19963	37.461322
2008-53473-0589	176.40201	32.533289	121903.69+053317.8	184.76539	5.554957
6453-56365-0024	162.41359	26.800722	003003.16-032100.0	7.513175	-3.350027
8819-57450-0725	168.68894	39.67225	083953.06+193830.1	129.97109	19.641699
7090-56659-0727	156.80561	62.270435	091247.29+392757.5	138.19706	39.465983
6969-56420-0658	182.04292	59.141005	083953.06+193830.1	129.97109	19.641699
2509-54180-0005	177.94018	19.096795	134128.52+492438.1	205.36886	49.410674
6432-56309-0548	175.6783	21.230462	014005.12+024700.2	25.021372	2.783406
6698-56637-0090	172.56336	52.475661	000716.86+215146.3	1.820267	21.86288
8854-57450-0118	151.26638	36.614233	120146.42+195800.2	180.44345	19.966736
5331-55976-0320	151.99551	10.615533	013600.23+240543.0	24.000995	24.095301
6408-56329-0472	168.70835	27.208905	024650.75+020751.7	41.711468	2.131029
6682-56390-0442	181.2082	51.509428	132854.67+470810.0	202.22778	47.13612
1357-53034-0242	152.75294	39.371923	012011.27+200529.9	20.046972	20.091642
6706-56385-0354	163.98148	52.019899	015026.85+260524.4	27.611879	26.090132
7426-56771-0575	180.37478	47.701648	014743.80+242435.0	26.932516	24.409748
8219-57429-0333	182.0662	51.823665	103853.09+203447.7	159.72124	20.579944
8167-57071-0296	159.29859	50.979452	013600.23+240543.0	24.000995	24.095301
6456-56339-0676	156.83421	30.288679	092906.43+553631.9	142.27683	55.608862
8176-57131-0934	174.95485	57.433772	112026.51+580447.7	170.11046	58.079928
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
8874-57426-0241	172.57742	35.897907	040907.29-043235.2	62.2804	-4.543133
8819-57450-0276	168.7206	38.822298	091028.76+481931.8	137.61987	48.325513
7091-56658-0216	178.76456	56.967641	083953.06+193830.1	129.97109	19.641699
6434-56362-0279	171.04825	29.533667	212852.68+080308.6	322.21951	8.05239
6445-56366-0776	163.21647	31.111292	111128.79+623629.3	167.86984	62.608283
2511-53882-0106	177.18614	21.47319	114240.93+601550.4	175.6706	60.264052
4653-55622-0906	177.18429	38.256768	213247.67+042751.9	323.19864	4.46444
8853-57459-0676	157.67228	37.75309	091028.76+481931.8	137.61987	48.325513
7092-56683-0284	174.17973	55.254878	111101.00+463032.1	167.75417	46.508932
6974-56442-0364	182.09274	62.80563	142350.04+550316.2	215.95847	55.054594
7386-56769-0249	156.85362	46.600757	223100.05+240718.9	337.75023	24.121922
6707-56383-0236	164.00994	54.354034	000947.23+095111.5	2.446821	9.853198
7386-56769-0456	155.12467	46.885639	013600.23+240543.0	24.000995	24.095301
7087-56637-0829	154.32027	60.61156	111101.00+463032.1	167.75417	46.508932
4691-55651-0812	158.5186	44.745167	230012.33+233527.0	345.05142	23.590834
6697-56419-0813	174.98071	54.776264	081237.63+345629.4	123.15683	34.94151
6420-56304-0334	169.52103	22.643847	002440.07+261147.1	6.166968	26.196427
6706-56385-0775	164.76378	52.596764	000716.86+215146.3	1.820267	21.86288
6644-56384-0020	181.25767	46.96599	141058.00+484455.6	212.74171	48.748824
8841-57425-0538	178.79806	39.401006	100102.13+505826.7	150.25891	50.97419
2494-54174-0595	171.07478	17.392344	223000.09+184347.2	337.50041	18.729789
5389-55953-0896	181.26168	8.2433871	083953.06+193830.1	129.97109	19.641699
0907-52373-0551	164.03154	56.304662	145349.87+531745.8	223.4578	53.29613
6407-56311-0880	179.6064	21.439167	083953.06+193830.1	129.97109	19.641699
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
8185-57431-0338	160.95707	57.550409	212852.68+080308.6	322.21951	8.05239
6416-56312-0922	177.21949	24.954394	120749.38+323007.6	181.95576	32.502128
5346-55955-0048	160.15997	9.7790766	100950.90+254712.7	152.46211	25.786877
1226-52734-0375	176.48438	11.005121	101240.96+483259.3	153.17068	48.549825
7391-56781-0540	159.3567	45.942804	003003.16-032100.0	7.513175	-3.350027
8874-57426-0654	171.88204	37.473991	120754.74+370829.9	181.97809	37.141662
5381-56009-0556	175.75938	14.810737	111729.57+214513.9	169.37322	21.753862
6403-56357-0254	178.02916	29.349102	083953.06+193830.1	129.97109	19.641699
0596-52370-0047	168.78262	62.944611	023339.51-033215.5	38.414658	-3.537656
7381-56717-0005	156.02948	48.097128	140553.95+632047.2	211.47475	63.346502
7112-56666-0062	180.45157	64.287911	152022.67+322204.5	230.09449	32.367917
4647-55621-0158	179.62963	34.123231	100950.90+254712.7	152.46211	25.786877
6411-56331-0938	178.82756	26.766624	154251.47+324824.5	235.71448	32.806819
8367-57429-0938	169.56097	41.822058	151214.59+154849.8	228.06083	15.813854
8359-57449-0794	164.06345	44.495667	012446.05+250004.7	21.191887	25.001314
8849-57457-0132	170.3535	35.611103	142350.04+550316.2	215.95847	55.054594
7101-56659-0008	168.79486	55.399927	085450.39+492315.6	133.70998	49.387751
7114-56748-0400	171.11325	65.331395	111837.14+280054.9	169.65479	28.015255
6473-56363-0298	180.46567	29.860234	221851.83+205114.0	334.71597	20.853903
2592-54178-0613	158.57856	16.513736	074649.95+330116.5	116.70816	33.021272
6682-56390-0719	182.19618	52.907856	220425.37+213206.3	331.10572	21.535093
7409-56809-0236	200.51847	47.784671	101251.66+445532.4	153.21524	44.925695
6837-56442-0038	188.94945	57.788886	005610.48-013818.6	14.043678	-1.638512
6638-56370-0062	183.12641	43.250418	222749.69+190718.1	336.95708	19.12172
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
0339-51692-0361	196.02228	-1.6512059	001028.93+204348.5	2.620547	20.730156
6743-56385-0437	200.52879	48.65554	092335.47+312408.9	140.89781	31.402495
7430-57105-0131	207.56194	49.19008	115904.38+422617.1	179.76825	42.438099
0786-52319-0541	207.56127	61.166388	114342.43+271009.2	175.9268	27.169238
0521-52326-0464	189.8423	3.0994546	132854.67+470810.0	202.22778	47.13612
4863-55688-0318	210.27213	6.4883028	124058.54+624814.5	190.2438	62.804142
1381-53089-0384	216.00889	38.351159	134512.31+442450.3	206.30133	44.413979
8869-57481-0863	194.19165	37.674205	004621.65+204525.7	11.59024	20.757157
6754-56414-0240	199.62964	50.466631	111955.69+403623.6	169.98206	40.606583
8503-57519-0098	213.17328	42.551133	005803.35+302950.9	14.513978	30.497488
8385-57511-0332	189.85818	40.642507	110341.32+245355.5	165.92218	24.898773
0527-52342-0377	201.48049	3.0233902	004135.96+282218.6	10.399846	28.371861
6670-56389-0992	190.72877	49.316389	005610.48-013818.6	14.043678	-1.638512
4860-55691-0698	216.98803	6.6728815	004744.16+021803.2	11.934001	2.300903
1975-53734-0150	191.60249	31.580635	083523.56+384313.2	128.84817	38.72034
8223-57429-0292	196.96752	50.715389	022320.19-030423.0	35.834164	-3.073058
5853-56045-0166	188.99443	18.69782	213451.82+000240.6	323.71593	0.044649
4703-55617-0842	193.3454	42.077187	161218.79+203722.5	243.07832	20.622927
5898-56045-0992	216.99446	22.098599	152022.67+322204.5	230.09449	32.367917
2641-54230-0126	203.35434	18.343079	013753.96+024207.0	24.474855	2.701947
1766-53468-0030	185.65688	14.397503	150309.40+513146.7	225.78919	51.529688
8223-57429-0250	196.98237	50.316344	083953.06+193830.1	129.97109	19.641699
7418-57165-0168	188.12889	48.513234	152022.67+322204.5	230.09449	32.367917
7424-57160-0750	183.97113	49.247404	135655.61+162143.4	209.23174	16.362067
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
8386-57518-0796	193.3589	42.588678	140726.61+282236.1	211.8609	28.376718
6744-56399-0592	204.26561	50.182763	005537.20+053449.8	13.905006	5.580525
4784-55677-0688	209.28045	4.9947924	080000.15+420206.3	120.00063	42.035107
5452-55957-0584	211.38003	9.8435663	111729.57+214513.9	169.37322	21.753862
2744-54272-0434	210.31022	15.899309	223100.05+240718.9	337.75023	24.121922
3862-55276-0448	210.31307	31.294879	084129.37+555946.8	130.37232	55.99645
5414-56014-0004	194.22546	15.266673	120754.74+370829.9	181.97809	37.141662
6636-56367-0814	188.13617	44.975615	021337.50+023511.9	33.40627	2.586665
1460-53138-0354	196.99251	42.693241	120754.74+370829.9	181.97809	37.141662
6744-56399-0510	203.36387	49.668898	142450.83+424629.7	216.21182	42.774939
5410-56016-0424	190.75514	13.516418	011525.21+050929.5	18.85508	5.158198
6637-56370-0280	184.81716	44.421674	231201.18+255807.3	348.00492	25.968719
5460-56000-0964	217.01649	11.212043	114832.56+370815.6	177.1357	37.137686
4005-55325-0324	195.16413	0.92015494	131134.38+592010.6	197.89323	59.336361
6009-56313-0498	208.43715	27.792923	154128.24+553156.7	235.36771	55.532513
7339-56722-0303	213.21802	52.512824	011656.63+183701.4	19.235976	18.617075
6817-56455-0390	199.66959	61.460699	094555.44+404950.2	146.48101	40.830634
0780-52370-0637	189.89203	62.555652	083926.50+564228.0	129.86042	56.70779
8503-57519-0518	210.32911	43.429843	121835.58+424749.4	184.64827	42.79706
5441-56017-0952	207.62615	15.789315	073440.76+445337.6	113.66987	44.893802
0781-52373-0568	191.64178	63.386708	010810.76-015457.5	17.044852	-1.915995
7423-57135-0072	183.19978	49.426476	091948.41+400519.7	139.95172	40.088815
1378-53061-0624	210.33835	40.310606	231201.18+255807.3	348.00492	25.968719
7339-56722-0119	215.15509	52.874069	131727.04+421002.1	199.3627	42.167252
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7339-56799-0108	215.15768	52.914676	081100.33+571134.9	122.75139	57.193049
6970-56444-0364	191.65442	61.520686	084007.63+441604.3	130.0318	44.267887
5416-56002-0942	195.19267	14.922547	005925.21+225725.0	14.855057	22.956972
7430-57105-0306	205.97953	49.122063	083953.06+193830.1	129.97109	19.641699
5403-55979-0524	186.56238	12.15706	001902.52+040038.8	4.76052	4.010792
5391-56000-0822	182.32518	10.313229	100047.91+372740.7	150.19963	37.461322
3855-55268-0462	211.43949	35.77314	083953.06+193830.1	129.97109	19.641699
8383-57518-0020	185.70951	41.473022	131134.38+592010.6	197.89323	59.336361
3857-55272-0846	210.3743	34.756431	223438.45+193350.1	338.66024	19.56392
8227-57427-0208	187.34211	49.895982	021741.23-040035.0	34.421802	-4.009735
0971-52644-0156	187.34559	49.947348	160546.26+591403.6	241.44272	59.234373
2032-53815-0608	199.70801	38.735612	074026.41+365534.4	115.11006	36.926226
6489-56329-0694	200.6343	30.536636	113709.49+390723.4	174.28958	39.123176
7339-56772-0330	213.2607	52.061444	011656.63+183701.4	19.235976	18.617075
6724-56416-0294	217.06475	49.507879	095131.29+503251.0	147.8804	50.547513
6738-56424-0902	204.3241	52.457059	140726.61+282236.1	211.8609	28.376718
6627-56369-0485	201.56928	44.340145	154121.37+063804.1	235.33906	6.634501
6759-56416-0192	197.04367	51.783946	002838.52-034328.7	7.160507	-3.724645
8503-57519-0372	211.45592	42.495593	021337.50+023511.9	33.40627	2.586665
2654-54231-0179	205.20399	20.491891	081602.73+513535.4	124.01133	51.593227
7340-56837-0593	212.37403	53.991661	111706.87+605719.2	169.27865	60.955438
5854-56035-0790	189.95114	18.625478	112026.51+580447.7	170.11046	58.079928
4757-55653-0780	193.4263	4.1376931	131727.04+421002.1	199.3627	42.167252
8499-57431-0588	210.40636	48.401353	001213.29+242323.6	3.055415	24.389909
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
4750-55630-0482	183.24443	1.5242197	111837.14+280054.9	169.65479	28.015255
0917-52400-0633	216.13493	-1.7697572	102756.70+254146.8	156.98626	25.696336
6746-56386-0414	211.47736	48.454426	124058.54+624814.5	190.2438	62.804142
5411-55953-0612	190.83487	10.396193	142350.04+550316.2	215.95847	55.054594
4034-55635-0304	212.3869	-0.39382883	133201.50+392931.2	203.00627	39.492014
6745-56425-0282	208.516	47.980524	120754.74+370829.9	181.97809	37.141662
3847-55588-0744	186.6069	1.2679339	134512.31+442450.3	206.30133	44.413979
6484-56358-0018	196.16859	30.725917	122124.32+350351.6	185.35135	35.064341
0338-51694-0045	195.24991	-3.0540497	230020.05+202739.1	345.08357	20.460864
2126-53794-0287	212.39459	28.096563	115904.38+422617.1	179.76825	42.438099
2613-54481-0306	188.23327	19.070884	081505.42+005520.5	123.77261	0.922365
1697-53142-0524	198.84939	12.959913	020337.80+044938.0	30.907522	4.827245
5411-55953-0246	191.71971	8.8688718	141118.57+415133.3	212.82741	41.85927
7408-56780-0146	200.68971	45.438977	095234.75+503257.3	148.14481	50.54935
0849-52439-0582	196.18385	5.4724582	005027.00-034216.7	12.612527	-3.704641
6666-56371-0634	190.86517	48.643257	002745.66+020844.4	6.94027	2.145671
1808-54176-0638	211.51672	7.0762703	145349.87+531745.8	223.4578	53.29613
8388-57488-0131	199.76963	41.483053	012446.05+250004.7	21.191887	25.001314
6749-56370-0218	207.70447	46.434412	081100.33+571134.9	122.75139	57.193049
5437-55973-0794	205.25536	8.6321391	232814.76+232305.6	352.06152	23.384892
7123-56726-0084	214.30749	62.764967	134128.52+492438.1	205.36886	49.410674
8865-57426-0206	184.08601	36.299063	101251.66+445532.4	153.21524	44.925695
6626-56330-0140	206.05651	41.815931	120146.42+195800.2	180.44345	19.966736
5446-56014-0342	208.54637	14.425557	081100.33+571134.9	122.75139	57.193049
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7030-56448-0961	217.13445	53.172861	005925.21+225725.0	14.855057	22.956972
8871-57519-0845	198.8666	36.611209	004445.14+174250.6	11.188121	17.714071
2600-54243-0482	189.9991	18.016034	152727.21+020903.9	231.86337	2.15111
5406-55955-0732	189.13389	10.325513	001213.29+242323.6	3.055415	24.389909
1993-53762-0533	203.48808	35.360718	134512.31+442450.3	206.30133	44.413979
8206-57424-0336	206.06717	52.744636	153814.65+221730.3	234.56108	22.291774
5869-56064-0964	209.44465	22.139326	081100.33+571134.9	122.75139	57.193049
1286-52725-0390	211.54383	47.209257	100950.90+254712.7	152.46211	25.786877
8503-57519-0978	213.35319	43.943273	081558.88+224139.3	123.99534	22.694275
8387-57483-0270	196.21297	41.288982	221238.52+254913.7	333.16051	25.820486
2232-53827-0503	185.79588	30.464835	023931.87+002854.0	39.882825	0.481675
6757-56416-0276	203.50655	53.33509	091247.29+392757.5	138.19706	39.465983
0957-52398-0462	193.49207	59.971486	223100.05+240718.9	337.75023	24.121922
1375-53084-0520	198.88594	44.579869	115904.38+422617.1	179.76825	42.438099
8391-57511-0441	205.28611	41.166416	213451.82+000240.6	323.71593	0.044649
6760-56425-0866	198.01732	56.086888	134816.05+445502.1	207.06691	44.917256
3972-55589-0448	190.90445	37.770728	000716.86+215146.3	1.820267	21.86288
6833-56413-0992	188.28128	55.571422	021741.23-040035.0	34.421802	-4.009735
7339-56772-0647	212.46588	53.526044	101251.66+445532.4	153.21524	44.925695
3846-55327-0636	184.13285	0.8305052	124652.20+562122.5	191.71753	56.356329
4833-55679-0158	187.44827	5.8833406	120754.74+370829.9	181.97809	37.141662
6495-56339-0414	210.50309	29.070118	095234.75+503257.3	148.14481	50.54935
6628-56366-0750	206.09801	46.29628	142137.77+441355.5	215.4074	44.232092
6009-56313-0836	210.50627	29.077278	012011.27+200529.9	20.046972	20.091642
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
3858-55273-0236	212.47193	33.924466	012011.27+200529.9	20.046972	20.091642
5452-55957-0824	212.47731	9.9374695	023931.87+002854.0	39.882825	0.481675
8866-57457-0994	187.45562	36.815277	100950.90+254712.7	152.46211	25.786877
1458-53119-0315	193.51657	41.052996	003047.47+064743.0	7.697811	6.795289
2108-53473-0021	183.33343	38.150677	224454.74+210807.0	341.2281	21.13529
2014-53460-0374	206.9203	39.012773	120132.12+372911.7	180.38384	37.486601
6479-56364-0682	187.4688	32.742821	115325.93+251611.4	178.35808	25.269855
6974-56442-0166	184.15341	62.944027	124652.20+562122.5	191.71753	56.356329
2121-54180-0118	211.58969	31.548029	093244.38+500938.3	143.18485	50.160733
8835-57427-0765	188.31422	39.833764	022340.78-042255.6	35.919922	-4.382121
3854-55247-0276	210.53703	36.509915	105959.15+322447.1	164.99647	32.413103
8835-57427-0906	189.18859	40.498418	154121.37+063804.1	235.33906	6.634501
1612-53149-0216	182.47067	12.633979	021742.25-015937.9	34.42605	-1.993883
0583-52055-0301	212.50197	4.4521585	012011.27+200529.9	20.046972	20.091642
2243-53794-0494	198.92886	27.241224	004621.65+204525.7	11.59024	20.757157
2610-54476-0494	184.17349	20.087012	141319.83+513718.1	213.33263	51.621704
4034-55635-0940	213.41598	-0.0013120536	083953.06+193830.1	129.97109	19.641699
7339-56722-0631	212.50922	53.625053	014728.86+263132.8	26.870261	26.525796
8223-57429-0350	196.28177	51.237684	220425.37+213206.3	331.10572	21.535093
5464-56035-0579	216.26516	17.339859	121729.19+373903.7	184.37165	37.651052
1795-54507-0045	198.07017	6.3460018	142450.83+424629.7	216.21182	42.774939
8503-57519-0504	210.56326	43.943435	004135.96+282218.6	10.399846	28.371861
6636-56367-0980	189.21366	45.559592	161833.35+465037.1	244.63898	46.84366
6969-56420-0214	183.36404	58.255093	145302.38+470832.7	223.25992	47.142439
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
4027-55629-0381	215.35051	1.2085387	125911.12+482519.7	194.79635	48.422167
8199-57428-0040	209.52784	58.499753	225651.29+234711.9	344.21373	23.786648
2003-53442-0143	185.87035	35.899174	104305.37+491550.1	160.77241	49.263923
5858-56063-0642	206.14492	19.98487	002838.52-034328.7	7.160507	-3.724645
8222-57431-0308	193.56392	51.555485	105730.37+490125.5	164.37657	49.023767
0497-51989-0178	206.14494	65.779167	073440.76+445337.6	113.66987	44.893802
4832-55680-0354	184.19237	5.6678274	004744.16+021803.2	11.934001	2.300903
6623-56367-0620	198.95712	44.379272	115325.93+251611.4	178.35808	25.269855
2742-54233-0613	207.80906	17.21795	120754.74+370829.9	181.97809	37.141662
8218-57519-0298	196.29816	53.148537	073440.76+445337.6	113.66987	44.893802
5968-56356-0624	190.1018	29.029273	012011.27+200529.9	20.046972	20.091642
8226-57423-0324	184.19842	49.952948	083953.06+193830.1	129.97109	19.641699
1372-53062-0052	190.10269	43.98034	152457.07+161205.9	231.2378	16.201644
2015-53819-0581	188.36782	34.661834	212110.27-032639.8	320.29283	-3.444393
1395-52825-0210	216.3095	41.898223	100206.79+423144.6	150.52829	42.529078
2649-54212-0013	194.47596	21.57708	115450.66+254352.9	178.71111	25.731371
4835-56016-0026	192.72115	5.6033949	015444.58+232610.3	28.685784	23.436201
5993-56070-0810	199.90968	23.578854	153814.65+221730.3	234.56108	22.291774
6485-56342-0644	192.72167	32.819156	004744.16+021803.2	11.934001	2.300903
0302-51688-0107	212.56401	-0.23857872	115904.38+422617.1	179.76825	42.438099
7422-56799-0212	188.37527	45.294913	103334.68+495047.7	158.3945	49.846703
2128-53800-0282	213.47489	23.460277	023035.85+032800.6	37.6494	3.466851
6669-56413-0732	191.8613	50.218746	152022.67+322204.5	230.09449	32.367917
6682-56390-0103	183.41495	51.680233	231127.15+201414.4	347.86316	20.237342
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
2756-54508-0268	207.84467	17.900514	223100.05+240718.9	337.75023	24.121922
5423-55958-0798	198.12374	8.142614	013753.96+024207.0	24.474855	2.701947
4708-55704-0700	203.63254	40.399291	114832.56+370815.6	177.1357	37.137686
3974-55320-0172	194.50487	33.391952	150631.24+550354.0	226.63022	55.065072
8218-57519-0430	195.42763	53.379638	022320.19-030423.0	35.834164	-3.073058
6831-56426-0700	193.62018	56.897261	001213.29+242323.6	3.055415	24.389909
3856-55269-0304	206.19284	32.893004	083953.06+193830.1	129.97109	19.641699
7339-56683-0073	215.41236	52.916332	131134.38+592010.6	197.89323	59.336361
8206-57424-0848	207.00918	54.414622	144553.76+131614.1	221.47404	13.270598
4706-55705-0739	197.25989	40.650422	011046.83-043803.3	17.695134	-4.634255
4708-55704-0718	203.6413	41.140047	022320.19-030423.0	35.834164	-3.073058
5452-55957-0646	211.69175	9.2672847	222311.34+185950.6	335.79727	18.997408
6801-56487-0258	209.5961	54.702705	151827.90+421206.2	229.61628	42.201739
6627-56369-0526	201.81392	44.920126	172809.56+371659.8	262.03985	37.283304
6621-56366-0160	197.2643	44.13825	095847.37+503556.5	149.6974	50.599036
7339-56799-0492	211.69791	52.998935	022726.14+010909.0	36.858925	1.152511
7429-56740-0076	207.01794	45.667488	125243.04+405529.6	193.17933	40.924905
5170-56063-0446	214.48734	39.253586	004744.16+021803.2	11.934001	2.300903
0602-52072-0578	198.14983	65.389921	001017.62-042335.0	2.573458	-4.393072
1993-53762-0032	204.56322	34.652234	100206.79+423144.6	150.52829	42.529078
6821-56396-0034	209.60636	63.647429	101528.86+533325.5	153.87024	53.557191
8865-57426-0690	183.44611	37.400368	152022.67+322204.5	230.09449	32.367917
1380-53084-0295	213.50877	37.756252	004135.96+282218.6	10.399846	28.371861
5411-55953-0614	191.03269	10.428873	013600.23+240543.0	24.000995	24.095301
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
8390-57485-0588	202.7509	42.71468	144553.76+131614.1	221.47404	13.270598
6827-56428-0374	204.58015	54.689918	073440.76+445337.6	113.66987	44.893802
4049-55591-0218	200.90531	-3.2079432	111729.57+214513.9	169.37322	21.753862
3793-55214-0764	191.04602	-1.2431437	140726.61+282236.1	211.8609	28.376718
6632-56366-0248	184.27049	39.520018	095131.29+503251.0	147.8804	50.547513
2243-53794-0439	198.16992	26.910921	095828.55+555025.0	149.61898	55.840298
6797-56426-0568	211.72246	55.391752	022804.36+010658.9	37.018185	1.116365
0782-52320-0572	194.54203	63.227657	021337.50+023511.9	33.40627	2.586665
6973-56741-0758	188.43204	65.205787	110440.72+602822.4	166.16966	60.472994
6635-56370-0430	190.19012	45.396219	022608.28-002332.5	36.534515	-0.392376
8223-57429-0780	197.29335	51.707759	023237.97-010231.2	38.158243	-1.042023
5455-56009-0788	213.5398	15.576433	212852.68+080308.6	322.21951	8.05239
1975-53734-0220	190.1929	31.376008	114948.93+482459.5	177.45388	48.416621
1826-53499-0030	216.38823	5.8893314	120132.12+372911.7	180.38384	37.486601
7433-57166-0150	199.981	49.193215	154121.37+063804.1	235.33906	6.634501
6674-56416-0404	188.43681	50.293432	012326.27+235503.9	20.859492	23.917771
6666-56371-0355	191.06257	47.240488	111955.69+403623.6	169.98206	40.606583
8406-57513-0226	216.391	49.974073	123725.21+475700.1	189.35504	47.950035
0916-52378-0226	212.63812	-2.6735625	121835.58+424749.4	184.64827	42.79706
6968-56443-0482	185.10462	59.282645	101353.31+391619.0	153.47213	39.271965
4612-55590-0946	185.10435	34.246053	003755.41+312040.5	9.480903	31.344587
8495-57481-0324	216.39885	45.674617	083953.06+193830.1	129.97109	19.641699
6810-56447-0104	205.44613	59.140452	005518.17+072452.6	13.82573	7.414624
7407-56772-0120	203.69765	45.784996	011526.40+235333.1	18.860022	23.892537
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
5448-56013-0934	210.70837	13.520815	102230.28+454016.4	155.62617	45.671228
1464-53091-0143	203.70722	40.527319	003408.89+073033.4	8.537079	7.509284
5894-56039-0796	211.75133	20.321233	111101.00+463032.1	167.75417	46.508932
6823-56687-0740	197.32394	63.891478	120754.74+370829.9	181.97809	37.141662
5402-55927-0695	187.6129	7.7639371	002838.52-034328.7	7.160507	-3.724645
3853-55268-0392	207.06631	35.010285	132122.55+415639.0	200.34399	41.944193
3974-55320-0892	194.57471	34.829617	004744.16+021803.2	11.934001	2.300903
1346-52822-0187	209.66608	41.884781	101947.22+055518.2	154.94676	5.921728
6826-56449-0804	200.00458	66.378914	115732.88+540041.2	179.38693	54.011508
5431-56011-0430	200.94848	14.059729	005610.48-013818.6	14.043678	-1.638512
2000-53495-0126	190.22189	37.14131	002838.52-034328.7	7.160507	-3.724645
5400-56308-0752	186.82909	14.26115	003003.16-032100.0	7.513175	-3.350027
3986-55329-0268	204.62835	35.020815	005925.21+225725.0	14.855057	22.956972
8375-57520-0342	191.09217	43.521373	012249.30+250410.5	20.705421	25.069604
0884-52374-0060	187.62305	51.640181	001548.95-045622.3	3.953966	-4.939544
8503-57519-0854	212.66604	43.618318	103334.68+495047.7	158.3945	49.846703
4703-55617-0260	192.81742	40.635058	003003.16-032100.0	7.513175	-3.350027
2760-54506-0327	215.50381	18.289557	011100.99+243005.4	17.754143	24.501513
7339-56799-0038	215.50611	52.547295	124058.54+624814.5	190.2438	62.804142
6492-56362-0559	200.96584	31.771749	140726.61+282236.1	211.8609	28.376718
1811-53533-0609	216.43385	9.6003654	154128.24+553156.7	235.36771	55.532513
4749-55633-0420	182.63004	3.5704397	140726.61+282236.1	211.8609	28.376718
1460-53138-0242	197.35325	41.407752	015444.58+232610.3	28.685784	23.436201
6626-56330-0228	205.48302	41.857508	011100.99+243005.4	17.754143	24.501513
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
1279-52736-0417	191.9674	50.738303	133343.35+161414.1	203.43063	16.237241
6823-56687-0452	195.52307	63.277443	235656.63+262748.2	359.236	26.463414
7428-56781-0323	207.95477	45.270741	212852.68+080308.6	322.21951	8.05239
8218-57519-0482	194.61296	53.10524	022320.19-030423.0	35.834164	-3.073058
3852-55243-0468	206.28676	36.870799	140726.61+282236.1	211.8609	28.376718
1694-53472-0640	192.84501	12.531124	015444.58+232610.3	28.685784	23.436201
2129-54252-0626	216.45287	31.23392	014005.12+024700.2	25.021372	2.783406
2770-54510-0104	209.69558	20.293823	100206.79+423144.6	150.52829	42.529078
0885-52379-0157	190.25846	51.871964	134128.52+492438.1	205.36886	49.410674
2089-53498-0030	183.54065	33.617417	012822.63+021737.3	22.094301	2.293699
5868-56045-0650	208.7956	19.76274	144553.76+131614.1	221.47404	13.270598
5896-56047-0534	211.80746	21.81855	232814.76+232305.6	352.06152	23.384892
1281-52753-0248	197.38567	48.215423	015444.58+232610.3	28.685784	23.436201
4044-55359-0212	207.11429	-3.2294037	160546.26+591403.6	241.44272	59.234373
8227-57427-0336	186.87249	49.905953	101528.86+533325.5	153.87024	53.557191
8504-57518-0958	215.54343	42.401134	100950.90+254712.7	152.46211	25.786877
4761-55633-0136	201.00638	3.339058	090324.75+424912.5	135.85314	42.820161
5997-56309-0964	201.00645	27.427528	131134.38+592010.6	197.89323	59.336361
8208-57430-0628	202.85603	52.77995	114832.56+370815.6	177.1357	37.137686
8867-57460-0582	187.67516	38.213462	024650.75+020751.7	41.711468	2.131029
4751-55646-0696	185.19254	3.9707692	021337.50+023511.9	33.40627	2.586665
6010-56097-0764	213.65059	27.367029	004716.86+263614.7	11.820291	26.604102
6627-56369-0854	203.78878	44.939465	121835.58+424749.4	184.64827	42.79706
5866-56035-0272	201.9619	18.683028	130924.32+531327.4	197.35134	53.224294
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7117-56685-0260	199.1555	58.27305	081242.11+285504.9	123.17546	28.918052
1707-53885-0142	215.56074	10.323434	014005.12+024700.2	25.021372	2.783406
2112-53534-0598	201.96218	32.925602	020048.36-021751.2	30.201517	-2.297561
6756-56426-0276	207.98964	53.291235	142350.04+550316.2	215.95847	55.054594
8387-57483-0519	194.65699	41.719314	224033.07+195411.4	340.1378	19.903176
8392-57483-0262	208.83235	41.065979	150717.62+571727.7	226.82338	57.291095
0603-52056-0350	199.16877	64.780986	124926.31+361801.3	192.35965	36.300367
8211-57423-0612	202.87876	50.886335	224033.07+195411.4	340.1378	19.903176
8209-57427-0076	208.84068	51.436288	022320.19-030423.0	35.834164	-3.073058
8495-57481-0254	216.51833	45.189226	083953.06+193830.1	129.97109	19.641699
2032-53815-0599	200.09699	37.57663	120754.74+370829.9	181.97809	37.141662
8495-57481-0922	217.46552	46.397281	083953.06+193830.1	129.97109	19.641699
6826-56449-0706	199.17853	67.161726	143255.27+151703.0	218.23031	15.284182
6827-56428-0230	205.54901	55.107347	015026.85+260524.4	27.611879	26.090132
6496-56363-0466	203.81952	30.927492	022726.14+010909.0	36.858925	1.152511
8503-57519-0450	210.84754	42.487249	083953.06+193830.1	129.97109	19.641699
1989-53772-0555	193.80645	38.473022	023931.87+002854.0	39.882825	0.481675
6760-56425-0372	196.53375	54.582376	141634.36+515849.2	214.14319	51.980358
5457-55976-0842	214.66561	8.9323976	022320.19-030423.0	35.834164	-3.073058
8840-57425-0132	183.59304	38.266093	024650.75+020751.7	41.711468	2.131029
2115-53535-0255	207.18	24.810041	001136.42+190724.4	2.901768	19.123457
7414-56748-0038	198.32049	45.864199	015545.83+003524.2	28.940982	0.590076
2115-53535-0626	208.86736	25.479246	111729.57+214513.9	169.37322	21.753862
5859-56065-0158	194.70821	18.151759	100047.91+372740.7	150.19963	37.461322
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
6830-56429-0374	197.46061	56.417678	083953.06+193830.1	129.97109	19.641699
0332-52367-0109	183.61577	-3.1225316	012011.27+200529.9	20.046972	20.091642
8388-57488-0960	200.12788	42.481085	121417.06+275826.6	183.57112	27.974081
5979-56329-0414	185.24982	22.636926	163232.75+352127.7	248.13648	35.357717
5868-56045-0144	209.78978	18.950457	004744.16+021803.2	11.934001	2.300903
1698-53146-0262	200.12628	11.26419	103605.30+061337.7	159.02209	6.227165
1697-53142-0215	198.34189	11.143805	022459.10-030015.8	36.246257	-3.004396
0289-51990-0379	186.13376	0.71374277	120754.74+370829.9	181.97809	37.141662
1322-52791-0212	205.58595	54.662967	012343.04+261522.4	20.929355	26.256224
1466-53083-0482	208.88984	45.272262	000146.18-015933.5	0.442417	-1.992644
1042-52725-0586	206.39451	54.048566	100206.79+423144.6	150.52829	42.529078
6622-56365-0730	202.03546	43.038698	084007.63+441604.3	130.0318	44.267887
2642-54232-0276	204.7842	18.417981	095234.75+503257.3	148.14481	50.54935
6740-56401-0156	207.22089	51.494705	123338.65+422238.3	188.41103	42.377291
1613-53115-0006	185.27945	11.443581	120754.74+370829.9	181.97809	37.141662
7410-57104-0208	196.58081	47.976423	122124.32+350351.6	185.35135	35.064341
6754-56414-0413	198.3701	50.091203	234953.36-015309.5	357.47234	-1.885988
6618-56401-0417	193.86128	45.394767	220425.37+213206.3	331.10572	21.535093
1345-52814-0433	206.40892	43.439206	110341.32+245355.5	165.92218	24.898773
0602-52072-0314	193.86289	64.023833	111955.69+403623.6	169.98206	40.606583
2244-53795-0503	201.12065	27.100055	223100.05+240718.9	337.75023	24.121922
5437-55973-0545	203.87339	8.867521	231201.18+255807.3	348.00492	25.968719
6817-56455-0594	199.24381	62.294264	021741.23-040035.0	34.421802	-4.009735
6970-56444-0636	191.24759	63.612995	165539.83+291114.8	253.91596	29.187449
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
6673-56419-0598	192.09448	52.743953	113958.11+584248.5	174.99209	58.713532
4043-55630-0996	207.23505	0.24737242	091948.41+400519.7	139.95172	40.088815
6809-56454-0798	208.92748	60.794943	012011.27+200529.9	20.046972	20.091642
0584-52049-0265	214.73668	3.7317366	000627.18+203719.5	1.613282	20.622091
7120-56720-0036	191.2631	66.495478	114832.56+370815.6	177.1357	37.137686
6710-56416-0532	215.67277	55.082854	154053.10+460854.6	235.22127	46.148509
3853-55268-0354	207.24231	35.025139	003859.67-034000.7	9.748644	-3.666881
6826-56449-0286	199.26232	64.749423	114948.93+482459.5	177.45388	48.416621
4049-55591-0902	201.14338	-1.0768791	014915.96+023324.9	27.316533	2.556933
8501-57519-0217	215.68233	42.550666	101914.09+243343.5	154.80874	24.562094
0290-51941-0572	189.53494	0.87951967	140003.07+391055.2	210.01285	39.181999
2018-53800-0089	195.67431	37.020635	010810.76-015457.5	17.044852	-1.915995
6681-56419-0475	184.48397	52.660759	134512.31+442450.3	206.30133	44.413979
5406-55955-0608	188.64519	10.134051	015026.85+260524.4	27.611879	26.090132
3986-55329-0762	204.82772	36.023492	124926.31+361801.3	192.35965	36.300367
8834-57458-0258	185.31322	38.453183	095828.55+555025.0	149.61898	55.840298
2772-54529-0569	213.79852	20.683315	105440.98-002048.4	163.67078	-0.346795
6682-56390-0268	182.81343	51.690884	234747.05+011859.8	356.94605	1.316615
2014-53460-0330	206.44158	39.037339	100206.79+423144.6	150.52829	42.529078
8834-57458-0151	186.19843	39.075604	084007.63+441604.3	130.0318	44.267887
0341-51690-0637	201.17328	-1.9005349	111955.69+403623.6	169.98206	40.606583
3859-55246-0636	214.77617	36.467206	142450.83+424629.7	216.21182	42.774939
1628-53474-0245	188.65571	6.4677127	090154.96+380534.5	135.47902	38.092913
7408-56780-0641	199.28733	47.303071	142350.04+550316.2	215.95847	55.054594
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
0583-52055-0349	212.87837	4.7897786	022804.36+010658.9	37.018185	1.116365
5407-55926-0054	191.29579	7.1821084	021742.25-015937.9	34.42605	-1.993883
2610-54476-0350	182.82952	20.517959	090825.07+014227.7	137.10446	1.707702
1994-53845-0637	194.79525	32.41353	021138.71+261041.1	32.911314	26.178098
5402-55927-0236	187.83565	7.431297	235321.81-011528.1	358.34089	-1.257806
6479-56364-0094	188.66657	31.168984	213421.38-030501.5	323.58912	-3.083757
6964-56748-0234	194.81183	67.336692	090154.96+380534.5	135.47902	38.092913
7117-56685-0033	201.19291	58.683329	090624.91+530851.1	136.6038	53.147613
4036-55330-0316	208.98241	1.4798089	114948.93+482459.5	177.45388	48.416621
6002-56104-0584	204.85671	26.975099	142137.77+441355.5	215.4074	44.232092
8435-57487-0061	213.8319	49.466667	212852.68+080308.6	322.21951	8.05239
5411-55953-0690	191.31363	10.494888	121639.52+422951.1	184.16468	42.497541
1042-52725-0015	205.67565	52.2377	080914.89+463938.8	122.31205	46.66078
5417-55978-0340	194.81308	7.4966172	222727.60+182338.1	336.86503	18.393934
3779-55222-0068	193.93549	-2.0990933	084007.63+441604.3	130.0318	44.267887
2016-53799-0558	197.57423	36.03202	011100.99+243005.4	17.754143	24.501513
8380-57520-0610	206.47132	44.95702	085450.39+492315.6	133.70998	49.387751
8218-57519-0390	195.72436	53.496159	010800.05+064918.7	17.000231	6.821887
6986-56717-0254	209.90511	64.860832	083953.06+193830.1	129.97109	19.641699
1697-53142-0305	197.57496	11.573628	142450.83+424629.7	216.21182	42.774939
5411-55953-0896	192.16048	10.130695	012249.30+250410.5	20.705421	25.069604
7413-56769-0330	194.83431	46.729089	000725.50+220634.2	1.856274	22.109526
6618-56401-0394	193.94317	45.880059	145302.38+470832.7	223.25992	47.142439
3981-55603-0738	199.32831	38.726701	004716.86+263614.7	11.820291	26.604102
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
6680-56420-0278	189.60681	53.832406	134147.97+533646.0	205.44989	53.61286
6632-56366-0176	184.53765	39.645451	081412.00+454429.3	123.55002	45.741485
0956-52401-0585	190.48209	60.196783	021755.78+063300.0	34.482429	6.550012
0301-51942-0244	209.01463	-1.0727671	221625.26+210435.8	334.10529	21.076622
0913-52433-0587	207.32725	-1.9596911	014915.96+023324.9	27.316533	2.556933
8383-57518-0180	184.553	41.003772	095131.29+503251.0	147.8804	50.547513
6823-56687-0686	196.69709	64.10115	152022.67+322204.5	230.09449	32.367917
6809-56454-0902	209.93564	61.084388	223100.05+240718.9	337.75023	24.121922
7340-56837-0626	212.93899	54.316804	093416.02+441353.4	143.5668	44.231501
2000-53495-0362	189.62894	39.08331	021337.50+023511.9	33.40627	2.586665
6621-56366-0598	195.76319	44.897498	132854.67+470810.0	202.22778	47.13612
2665-54232-0134	203.05715	23.203826	215010.20+225032.9	327.54251	22.842489
4748-55631-0032	182.89321	2.2396446	103327.71+323646.1	158.36549	32.612825
7425-56777-0512	183.75893	46.30843	020621.18-011624.2	31.588268	-1.27341
7420-56753-0698	190.50617	46.169496	095828.55+555025.0	149.61898	55.840298
5432-56008-0164	203.06726	11.456017	140726.61+282236.1	211.8609	28.376718
1283-52762-0256	203.06773	47.412063	012822.63+021737.3	22.094301	2.293699
2650-54505-0155	196.71661	21.366375	025405.09-043716.2	43.521249	-4.621175
3973-55323-0098	193.10256	35.690623	111837.14+280054.9	169.65479	28.015255
7434-57166-0376	202.17573	48.294792	224033.07+195411.4	340.1378	19.903176
6964-56748-0337	193.99145	66.692021	013600.23+240543.0	24.000995	24.095301
6482-56358-0636	189.6443	33.124963	125911.12+482519.7	194.79635	48.422167
6666-56371-0807	192.2013	47.696999	103859.09+374721.6	159.74622	37.78934
8207-57431-0660	199.37545	53.824633	235629.03+010930.7	359.121	1.158571
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
5982-56074-0248	187.09159	20.590296	024650.75+020751.7	41.711468	2.131029
5983-56310-0036	189.64692	23.725341	012822.63+021737.3	22.094301	2.293699
6724-56416-0474	215.79869	50.043616	021337.50+023511.9	33.40627	2.586665
6835-56420-0173	195.78112	58.218669	221551.45+203237.9	333.96441	20.543862
5454-56015-0240	212.96127	17.249916	004744.16+021803.2	11.934001	2.300903
1799-53556-0594	202.18921	7.8066288	004621.65+204525.7	11.59024	20.757157
8504-57518-0342	213.90702	40.871244	152022.67+322204.5	230.09449	32.367917
6829-56453-0182	203.08129	56.992018	012249.30+250410.5	20.705421	25.069604
5405-56010-0378	188.74232	13.14862	023152.45-034447.4	37.968546	-3.746509
0917-52400-0449	214.85415	-1.3940771	023339.51-033215.5	38.414658	-3.537656
6969-56420-0878	183.77081	59.95239	100950.90+254712.7	152.46211	25.786877
6803-56402-0272	214.8517	56.666085	083953.06+193830.1	129.97109	19.641699
8386-57518-0598	192.22111	42.210878	224033.07+195411.4	340.1378	19.903176
5461-56018-0062	216.74632	14.528282	021642.27-025843.2	34.176164	-2.978688
6750-56367-0718	209.97947	47.007018	111101.00+463032.1	167.75417	46.508932
8383-57518-0158	184.60477	41.497548	121417.06+275826.6	183.57112	27.974081
5393-55946-0870	183.78346	8.6379035	125050.32+312553.7	192.70967	31.431585
8866-57457-0806	186.29391	36.865237	004716.86+263614.7	11.820291	26.604102
6056-56092-0424	213.9299	43.710847	004744.16+021803.2	11.934001	2.300903
8383-57518-0580	182.93907	41.648144	152022.67+322204.5	230.09449	32.367917
8834-57458-0106	186.29968	38.607487	124900.56+424720.1	192.25237	42.788944
7419-56811-0190	189.67996	46.855689	083953.06+193830.1	129.97109	19.641699
3778-55213-0128	189.68123	-3.0078226	011100.99+243005.4	17.754143	24.501513
8225-57375-0029	182.94456	50.449717	081558.88+224139.3	123.99534	22.694275
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
6495-56339-0722	211.12069	30.354931	110546.14+641557.3	166.44224	64.266039
8865-57426-0588	182.95453	37.941546	014222.93-002719.7	25.595581	-0.455497
3968-55590-0118	189.68971	35.352871	012822.63+021737.3	22.094301	2.293699
3792-55212-0228	187.13727	-2.3348391	005925.21+225725.0	14.855057	22.956972
6803-56402-0178	215.8479	56.092475	132658.39+455100.9	201.7433	45.850264
1626-53472-0140	186.31861	6.5851639	144800.50+582019.0	222.002	58.338719
4751-55646-0886	186.32	4.4271659	023931.87+002854.0	39.882825	0.481675
6710-56416-0261	217.7217	54.594122	100206.79+423144.6	150.52829	42.529078
2236-53729-0461	189.69921	28.049093	090053.24+400522.4	135.22186	40.089573
0341-51690-0490	200.3662	-2.1062399	004621.65+204525.7	11.59024	20.757157
3979-55597-0886	199.43115	36.727957	111955.69+403623.6	169.98206	40.606583
1285-52723-0106	210.03334	46.647846	011100.99+243005.4	17.754143	24.501513
5854-56035-0562	188.79109	18.103751	085658.31+465815.5	134.243	46.970983
8865-57426-0102	184.64266	36.454902	235359.03+254515.3	358.49599	25.75427
4041-55361-0222	209.10453	-2.5909522	025306.51-021345.4	43.277135	-2.229287
6963-56724-0012	196.79108	64.804989	022804.36+010658.9	37.018185	1.116365
6636-56367-0408	187.15477	43.896625	014915.96+023324.9	27.316533	2.556933
2599-54234-0182	188.79848	17.163447	134423.34+381703.3	206.09728	38.284258
4035-55383-0684	213.02306	-1.7374465	001213.29+242323.6	3.055415	24.389909
4041-55361-0419	208.27159	-2.8384018	100206.79+423144.6	150.52829	42.529078
0850-52338-0125	197.69905	4.0588038	101353.31+391619.0	153.47213	39.271965
1229-52723-0027	183.82901	9.6895996	230710.86+105327.4	346.79528	10.890974
7419-56811-0314	188.80556	46.832814	142315.29+411325.6	215.81372	41.223829
4706-55705-0374	196.79582	39.732316	224033.07+195411.4	340.1378	19.903176
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
2772-54529-0059	213.97107	18.785409	083953.06+193830.1	129.97109	19.641699
4049-55591-0726	200.38317	-2.0875444	024650.75+020751.7	41.711468	2.131029
1703-53799-0298	210.05692	10.536022	084302.03+485710.8	130.7585	48.953022
4754-55649-0592	188.80985	3.0713302	015444.58+232610.3	28.685784	23.436201
1992-53466-0213	187.17183	37.638425	003408.89+073033.4	8.537079	7.509284
0918-52404-0596	217.75003	-1.528252	002137.60+274242.0	5.406695	27.71167
1460-53138-0457	197.70954	41.861369	010810.76-015457.5	17.044852	-1.915995
8392-57483-0843	209.12091	42.30206	023339.51-033215.5	38.414658	-3.537656
0302-51688-0385	211.17167	0.66242368	231201.18+255807.3	348.00492	25.968719
7406-56805-0232	203.15955	47.37065	134719.40+590232.7	206.83086	59.042449
1344-52792-0157	204.09369	43.450342	231201.18+255807.3	348.00492	25.968719
6000-56102-0930	203.16016	27.938231	022320.19-030423.0	35.834164	-3.073058
6682-56390-0070	183.84743	51.865809	111729.57+214513.9	169.37322	21.753862
6010-56097-0522	212.17301	26.495455	120754.74+370829.9	181.97809	37.141662
2022-53827-0438	190.61524	36.340642	111955.69+403623.6	169.98206	40.606583
6829-56453-0956	204.10624	58.401974	220425.37+213206.3	331.10572	21.535093
8386-57518-0284	193.20384	40.715009	003003.16-032100.0	7.513175	-3.350027
0788-52338-0364	212.1759	60.796919	004621.65+204525.7	11.59024	20.757157
6831-56426-0386	193.20682	56.56993	221851.83+205114.0	334.71597	20.853903
6497-56329-0840	213.99549	30.360134	124058.54+624814.5	190.2438	62.804142
6832-56426-0196	190.62468	55.318262	152022.67+322204.5	230.09449	32.367917
6012-56101-0266	214.95857	27.497992	234502.61+325624.7	356.26088	32.940201
6009-56313-0780	210.0911	27.947397	153814.65+221730.3	234.56108	22.291774
6968-56443-0656	186.37485	59.874416	142137.77+441355.5	215.4074	44.232092
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
4838-55686-0414	195.89811	5.6297118	114948.93+482459.5	177.45388	48.416621
6636-56367-0648	187.19869	45.068143	110546.14+641557.3	166.44224	64.266039
0781-52373-0206	189.75161	61.452814	014005.12+024700.2	25.021372	2.783406
5419-55983-0838	195.89855	13.01367	114045.83+221732.7	175.19099	22.292419
8387-57483-0668	195.90369	42.849413	073440.76+445337.6	113.66987	44.893802
0337-51997-0306	191.50081	-2.7256062	114948.93+482459.5	177.45388	48.416621
6822-56711-0124	204.12502	63.299194	083457.00+421911.5	128.73754	42.319867
1770-53171-0167	192.31797	14.76532	013753.96+024207.0	24.474855	2.701947
6480-56340-0434	192.31887	27.714453	083136.93+485827.5	127.90391	48.974318
0789-52342-0262	214.97332	57.845768	015444.58+232610.3	28.685784	23.436201
6680-56420-0472	188.02454	53.646963	223000.09+184347.2	337.50041	18.729789
1381-53089-0566	217.79189	38.741931	013753.96+024207.0	24.474855	2.701947
7339-56768-0305	213.08005	52.98262	001213.29+242323.6	3.055415	24.389909
8871-57519-0356	197.75506	35.443758	134512.31+442450.3	206.30133	44.413979
5896-56047-0450	212.20608	20.525137	152022.67+322204.5	230.09449	32.367917
5408-56038-0214	190.64927	14.696072	103439.69+532850.1	158.6654	53.480634
6478-56341-0134	190.65396	29.260451	140004.34+094853.1	210.01811	9.814761
3864-55649-0424	215.94516	32.304191	154121.37+063804.1	235.33906	6.634501
8389-57488-0758	201.41166	42.396568	222311.34+185950.6	335.79727	18.997408
5855-56088-0346	190.65615	19.126925	120754.74+370829.9	181.97809	37.141662
7028-56449-0405	212.21537	51.871545	000050.02+092321.9	0.20843	9.389433
5396-55947-0568	183.89386	9.9161181	100511.14+474807.1	151.29645	47.801984
6755-56413-0779	195.92569	50.390341	024650.75+020751.7	41.711468	2.131029
1800-53884-0405	201.41912	10.320266	223100.05+240718.9	337.75023	24.121922
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
5447-55958-0858	210.13473	8.912727	152022.67+322204.5	230.09449	32.367917
7340-56837-0669	213.09194	54.172229	082203.39+404442.3	125.51416	40.7451
1231-52725-0452	186.40532	10.869469	223100.05+240718.9	337.75023	24.121922
6487-56362-0858	197.76748	31.233142	142350.04+550316.2	215.95847	55.054594
0914-52721-0381	207.4966	-1.8935832	223100.05+240718.9	337.75023	24.121922
6667-56412-0116	188.87318	46.344262	083953.06+193830.1	129.97109	19.641699
6805-56442-0414	205.07271	56.516693	223100.05+240718.9	337.75023	24.121922
6680-56420-0152	190.67498	53.76842	101830.20+521000.6	154.62582	52.166951
8388-57488-0728	198.66004	42.041456	083953.06+193830.1	129.97109	19.641699
4045-55622-0804	203.22707	3.1748892	221851.83+205114.0	334.71597	20.853903
8502-57512-0394	216.9118	41.577952	113626.47+203935.3	174.11031	20.659816
7409-56809-0633	199.53671	48.675646	140004.34+094853.1	210.01811	9.814761
6825-56717-0248	204.16707	64.832378	125911.12+482519.7	194.79635	48.422167
6747-56388-0074	216.92218	48.4764	153814.65+221730.3	234.56108	22.291774
6012-56101-0444	214.07241	26.818378	014005.12+024700.2	25.021372	2.783406
6970-56444-0552	190.69445	63.401808	101353.31+391619.0	153.47213	39.271965
5463-56003-0266	216.92969	12.577801	231201.18+255807.3	348.00492	25.968719
4753-55674-0262	188.07255	3.1382256	134512.31+442450.3	206.30133	44.413979
0854-52373-0344	205.10082	4.8587542	012616.13+050209.9	21.56725	5.036112
6752-56366-0566	216.00363	48.002004	002838.52-034328.7	7.160507	-3.724645
1700-53502-0369	204.18654	12.738535	221625.26+210435.8	334.10529	21.076622
6671-56388-0814	185.5801	48.866957	015444.58+232610.3	28.685784	23.436201
6967-56447-0226	196.91406	60.754521	125911.12+482519.7	194.79635	48.422167
7410-57104-0692	195.97959	49.382036	100047.91+372740.7	150.19963	37.461322
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
3860-55269-0232	217.86155	33.821841	114948.93+482459.5	177.45388	48.416621
0606-52365-0110	215.04286	60.789572	235005.48+233814.2	357.52283	23.637289
6754-56414-0084	200.50565	49.9764	081735.07+223717.7	124.39615	22.621597
8218-57519-0834	196.91813	54.654634	073440.76+445337.6	113.66987	44.893802
8199-57428-0862	209.23302	59.331649	005610.48-013818.6	14.043678	-1.638512
5972-56334-0795	195.09134	27.071894	012446.05+250004.7	21.191887	25.001314
7409-56809-0660	199.56577	47.890553	083953.06+193830.1	129.97109	19.641699
6748-56371-0390	203.27245	47.024329	012011.27+200529.9	20.046972	20.091642
6665-56390-0832	195.09408	49.158128	230020.05+202739.1	345.08357	20.460864
1807-54175-0534	210.21375	10.055627	090154.96+380534.5	135.47902	38.092913
2618-54506-0461	198.70274	19.64506	014022.68+075357.0	25.094538	7.899176
3970-55591-0364	188.93753	38.37327	021741.23-040035.0	34.421802	-4.009735
1812-53795-0473	217.91447	8.6669701	102756.70+254146.8	156.98626	25.696336
8388-57488-0938	199.60012	42.036467	091458.99+451826.3	138.74582	45.307314
1051-52468-0538	231.04066	45.388201	223100.05+240718.9	337.75023	24.121922
5141-55746-0382	317.80656	0.81425287	142304.15+524630.1	215.7673	52.775047
8057-57190-0336	250.41465	52.025157	000404.07+201556.6	1.016982	20.265726
7572-56944-0325	330.06206	17.915553	085450.39+492315.6	133.70998	49.387751
7606-56977-0819	350.8224	21.98748	110504.80+204947.9	166.27003	20.829988
6298-56208-0412	338.90813	24.32047	145836.35+502132.6	224.65148	50.359071
2781-54266-0400	229.96672	16.248408	111955.69+403623.6	169.98206	40.606583
4879-55706-0768	239.65483	10.0338	142450.83+424629.7	216.21182	42.774939
1729-53858-0478	240.89135	7.1080006	003408.89+073033.4	8.537079	7.509284
0974-52427-0219	256.34629	33.587663	134128.52+492438.1	205.36886	49.410674
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7610-56980-0060	349.38622	20.323494	083417.06+440203.5	128.57111	44.034327
1169-52753-0526	239.66164	45.963138	153731.01+335836.7	234.37924	33.976881
4073-55663-0044	246.0682	16.555584	022242.15-080600.3	35.675653	-8.100086
6019-56074-0122	227.15878	23.743402	101528.86+533325.5	153.87024	53.557191
0741-52261-0042	344.21094	12.921588	004135.96+282218.6	10.399846	28.371861
7578-56956-0707	334.52674	20.862351	154251.47+324824.5	235.71448	32.806819
6786-56448-0344	240.90205	57.330949	075421.46+150856.9	118.58943	15.149164
7573-56946-0316	328.34116	20.096831	130529.39+583522.8	196.37246	58.589757
7610-56980-0284	348.10574	20.847954	110156.43+442424.8	165.48515	44.406912
7581-57195-0819	338.94094	18.672753	212852.68+080308.6	322.21951	8.05239
7598-56956-0016	358.79598	20.985721	131727.04+421002.1	199.3627	42.167252
2525-54569-0570	242.26064	12.729689	010307.65+250352.0	15.781912	25.064467
7583-56958-0912	335.97926	23.606392	005803.35+302950.9	14.513978	30.497488
8401-57482-0942	224.40762	51.887027	094555.44+404950.2	146.48101	40.830634
8741-57390-0878	359.51908	4.7194206	111128.79+623629.3	167.86984	62.608283
7613-56988-0514	342.73491	23.321739	012446.05+250004.7	21.191887	25.001314
6796-56453-0430	230.00003	55.407075	095828.55+555025.0	149.61898	55.840298
1420-53146-0269	243.459	30.84735	230020.05+202739.1	345.08357	20.460864
6149-56194-0949	354.68485	12.839301	090624.91+530851.1	136.6038	53.147613
8742-57364-0270	358.03435	5.2627962	081558.88+224139.3	123.99534	22.694275
4092-55477-0728	326.41457	7.5056356	101251.66+445532.4	153.21524	44.925695
6735-56397-0712	232.15016	47.115876	104614.80+375928.5	161.56169	37.991256
4856-55712-0042	227.19063	5.6755867	083953.06+193830.1	129.97109	19.641699
6713-56402-0032	231.13021	53.829121	094447.01+482646.7	146.19588	48.446449
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7574-56945-0192	333.07334	18.79085	005615.87-013042.6	14.066135	-1.511838
7581-57195-0818	338.95994	18.684597	091028.76+481931.8	137.61987	48.325513
6710-56416-0254	218.02601	53.877073	111729.57+214513.9	169.37322	21.753862
5030-55830-0433	334.57626	17.41342	134147.97+533646.0	205.44989	53.61286
1689-53177-0265	256.48007	21.80051	083953.06+193830.1	129.97109	19.641699
3952-55330-0948	236.51041	28.190354	111128.79+623629.3	167.86984	62.608283
1649-53149-0376	228.10063	32.624414	230012.33+233527.0	345.05142	23.590834
1731-53884-0053	244.7277	5.8261685	134128.52+492438.1	205.36886	49.410674
6157-56238-0876	353.38153	11.919137	081558.88+224139.3	123.99534	22.694275
4023-55328-0502	221.15714	-1.6071603	015026.85+260524.4	27.611879	26.090132
6514-56487-0608	353.38848	29.023951	131727.04+421002.1	199.3627	42.167252
5030-55830-0434	334.59196	17.475348	083953.06+193830.1	129.97109	19.641699
4382-55742-0734	318.30398	-2.0629984	005610.48-013818.6	14.043678	-1.638512
2157-54242-0390	228.11911	27.100049	231201.18+255807.3	348.00492	25.968719
3960-55663-0345	230.03439	25.375755	145344.76+505329.8	223.43652	50.891638
6724-56416-0190	218.04354	50.15578	124926.31+361801.3	192.35965	36.300367
4780-55682-0194	218.7961	4.227168	134512.31+442450.3	206.30133	44.413979
1689-53177-0386	256.52566	22.4647	230020.05+202739.1	345.08357	20.460864
5006-55706-0188	246.16282	26.462126	111101.00+463032.1	167.75417	46.508932
0628-52083-0380	249.17969	43.338132	013326.95+254024.6	23.362312	25.673512
7640-57311-0572	328.4374	25.427968	083953.06+193830.1	129.97109	19.641699
6752-56366-0140	218.04974	46.136284	083953.06+193830.1	129.97109	19.641699
4091-55498-1000	328.44226	5.3541666	023931.87+002854.0	39.882825	0.481675
4286-55499-0786	349.47052	3.5301836	111837.14+280054.9	169.65479	28.015255
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
4194-55450-0266	322.90862	-0.427156	120754.74+370829.9	181.97809	37.141662
7574-56945-0900	333.1213	19.082376	014915.96+023324.9	27.316533	2.556933
7639-57297-0983	328.45932	25.098914	121653.36+424048.8	184.22237	42.680225
6728-56426-0952	233.19474	49.609899	132854.67+470810.0	202.22778	47.13612
7597-56973-0126	358.8357	22.131193	013753.96+024207.0	24.474855	2.701947
6712-56421-0740	225.30844	54.218995	140951.70+384029.3	212.46542	38.674822
7579-56954-0548	331.70526	22.701376	021741.23-040035.0	34.421802	-4.009735
4889-55709-0420	230.06079	5.6111529	111837.14+280054.9	169.65479	28.015255
4090-55500-0310	328.46592	3.2838611	021337.50+023511.9	33.40627	2.586665
1719-53876-0188	228.14574	8.7328151	233116.87+203032.5	352.82031	20.509037
4407-55884-0374	353.44123	5.3163121	001453.83+021452.2	3.724331	2.247847
7582-56960-0101	337.76453	20.472388	103334.68+495047.7	158.3945	49.846703
7612-56972-0785	345.62843	21.753733	101528.86+533325.5	153.87024	53.557191
5032-56208-0452	339.02187	16.844641	013753.96+024207.0	24.474855	2.701947
7596-56945-0280	359.57155	18.809672	081100.33+571134.9	122.75139	57.193049
5478-56014-0194	224.46427	13.011933	021507.10-035725.3	33.779611	-3.957032
4201-55443-0364	334.64541	-1.248202	111729.57+214513.9	169.37322	21.753862
1567-53172-0260	253.89964	17.990575	221756.92+010119.4	334.48719	1.022083
7851-56932-0232	358.08235	-2.0501613	005610.48-013818.6	14.043678	-1.638512
1710-53504-0464	218.82875	12.721305	154128.24+553156.7	235.36771	55.532513
6726-56394-0592	222.95245	50.310667	095131.29+503251.0	147.8804	50.547513
1689-53177-0423	256.66323	22.491725	083953.06+193830.1	129.97109	19.641699
2779-54540-0285	225.32504	16.623405	145349.87+531745.8	223.4578	53.29613
7705-57332-0764	346.98091	26.05807	111955.69+403623.6	169.98206	40.606583
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
5141-55746-0212	318.52835	0.43196758	001453.83+021452.2	3.724331	2.247847
1851-53524-0043	241.0268	22.829404	102756.70+254146.8	156.98626	25.696336
7701-57356-0466	350.98036	25.766954	101702.11+353405.4	154.2588	35.568193
3958-55329-0342	233.22963	27.194079	004846.72+183824.1	12.194669	18.640048
4407-55884-0368	353.47315	5.0327963	021337.50+023511.9	33.40627	2.586665
7595-56957-0515	358.85846	21.720558	124058.54+624814.5	190.2438	62.804142
0610-52056-0241	224.48446	57.746364	083953.06+193830.1	129.97109	19.641699
6982-56444-0430	222.16003	60.122119	083953.06+193830.1	129.97109	19.641699
6154-56237-0078	347.00111	11.287679	011907.69+204412.2	19.782059	20.736723
2203-53915-0321	246.22825	14.301323	100206.79+423144.6	150.52829	42.529078
8054-57194-0480	250.67554	48.664906	022608.28-002332.5	36.534515	-0.392376
6320-56453-0776	241.04971	49.158462	111729.57+214513.9	169.37322	21.753862
5467-55973-0906	219.62364	9.931968	015026.85+260524.4	27.611879	26.090132
2778-54539-0636	225.34217	18.417408	142450.83+424629.7	216.21182	42.774939
8401-57482-0804	223.72721	51.147327	022726.14+010909.0	36.858925	1.152511
7600-56984-0410	354.81401	21.87967	005610.48-013818.6	14.043678	-1.638512
5482-56017-0874	226.34107	15.950057	021642.27-025843.2	34.176164	-2.978688
3942-55338-0244	236.62989	22.370579	004621.65+204525.7	11.59024	20.757157
3948-55331-0584	233.24901	24.657018	131727.04+421002.1	199.3627	42.167252
6752-56366-0946	218.85705	47.693531	083953.06+193830.1	129.97109	19.641699
1827-53531-0064	218.09837	5.7919381	142434.80+473203.9	216.14503	47.534435
4015-55624-0140	225.35276	1.3078576	013600.23+240543.0	24.000995	24.095301
6721-56398-0325	230.12364	50.121832	015026.85+260524.4	27.611879	26.090132
8068-57185-0276	242.40218	58.620898	121639.52+422951.1	184.16468	42.497541
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7611-56946-0923	348.25088	19.18732	022320.19-030423.0	35.834164	-3.073058
1727-53859-0052	238.70085	6.8328575	115325.93+251611.4	178.35808	25.269855
5198-55823-0868	253.971	37.586155	021742.25-015937.9	34.42605	-1.993883
5208-56008-0878	237.68158	10.652193	124900.56+424720.1	192.25237	42.788944
7848-56959-0339	358.87913	0.15236601	002710.88+210309.1	6.795364	21.052549
6035-56076-0872	246.26101	44.2471	021642.27-025843.2	34.176164	-2.978688
4323-55884-0917	339.08652	2.8757726	111837.14+280054.9	169.65479	28.015255
3951-55681-0598	228.21447	19.203642	224033.07+195411.4	340.1378	19.903176
5473-56033-0684	221.24786	13.184709	021337.50+023511.9	33.40627	2.586665
0616-52374-0500	235.42752	54.318435	015444.58+232610.3	28.685784	23.436201
5950-56211-0879	334.72879	24.362602	084129.37+555946.8	130.37232	55.99645
8068-57185-0506	239.8348	59.315211	101353.31+391619.0	153.47213	39.271965
4411-56164-0434	339.10835	5.6806935	021741.23-040035.0	34.421802	-4.009735
7612-56972-0238	345.73221	20.536049	130052.48+473108.5	195.21868	47.519049
5164-56067-0746	230.14792	42.984392	002538.51+223655.2	6.410493	22.615341
5957-56210-0270	334.73443	25.473565	220425.37+213206.3	331.10572	21.535093
6138-56598-0216	356.25928	15.398796	004621.65+204525.7	11.59024	20.757157
2768-54265-0187	233.27283	13.200101	023931.87+002854.0	39.882825	0.481675
1728-53228-0239	239.8401	7.6430143	083953.06+193830.1	129.97109	19.641699
6149-56194-0051	354.86347	11.818459	115904.38+422617.1	179.76825	42.438099
7658-57312-0276	344.41768	24.727887	093852.71+551352.7	144.71965	55.231323
5000-55715-0694	256.86965	28.653958	091028.76+481931.8	137.61987	48.325513
5146-55831-0385	326.72357	0.31575262	142350.04+550316.2	215.95847	55.054594
7604-56947-0820	352.29511	19.93394	142450.83+424629.7	216.21182	42.774939
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7606-56977-0562	349.59776	22.467121	142350.04+550316.2	215.95847	55.054594
3929-55335-0574	241.10002	22.11881	084129.37+555946.8	130.37232	55.99645
2153-54212-0503	227.32425	21.774496	111713.57+243840.0	169.30656	24.644454
7599-56955-0584	356.28645	19.841015	095234.75+503257.3	148.14481	50.54935
4877-55707-0684	237.72009	6.309024	003851.08-031411.6	9.712848	-3.236561
1105-52937-0154	331.83489	-0.23060662	083953.06+193830.1	129.97109	19.641699
4010-55350-0992	234.34481	-0.23693725	021741.23-040035.0	34.421802	-4.009735
0611-52055-0582	228.2447	61.640874	083953.06+193830.1	129.97109	19.641699
4717-55742-0990	228.24317	35.42591	223100.05+240718.9	337.75023	24.121922
7644-57327-0788	331.84187	27.172973	142435.56+592848.0	216.14815	59.480051
5966-56101-0150	330.42196	29.36254	083953.06+193830.1	129.97109	19.641699
7581-57195-0867	339.13771	19.66825	154121.37+063804.1	235.33906	6.634501
7705-57332-0801	347.08282	26.20733	111729.57+214513.9	169.37322	21.753862
1353-53083-0001	229.16025	34.932765	020621.18-011624.2	31.588268	-1.27341
0646-52523-0143	352.32322	-10.34971	113709.49+390723.4	174.28958	39.123176
0733-52207-0333	326.78219	12.834306	073440.76+445337.6	113.66987	44.893802
3930-55332-0960	241.11871	20.992916	014629.61-041335.6	26.623391	-4.226583
7644-57327-0473	330.42876	25.599875	083953.06+193830.1	129.97109	19.641699
7575-56947-0364	330.43417	19.564655	014222.93-002719.7	25.595581	-0.455497
3851-55302-0002	231.29278	27.601501	141559.24+510410.0	213.99686	51.069504
7653-57306-0694	339.15027	24.293888	002440.07+261147.1	6.166968	26.196427
7580-56955-0689	330.45003	23.755771	083953.06+193830.1	129.97109	19.641699
6499-56571-0912	356.32883	31.636208	013836.26+291625.6	24.651098	29.2738
3938-55328-0906	234.37268	19.637665	134147.97+533646.0	205.44989	53.61286
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7639-57297-0340	326.80734	23.612549	094555.44+404950.2	146.48101	40.830634
4992-55723-0628	254.11581	33.622706	235005.48+233814.2	357.52283	23.637289
6728-56426-0300	231.31042	48.071433	090634.09+574439.1	136.64207	57.744212
1171-52753-0217	244.94694	40.694393	013753.96+024207.0	24.474855	2.701947
6132-56267-0774	354.93137	17.821753	100047.91+372740.7	150.19963	37.461322
1382-53115-0638	221.30595	37.441316	093924.91+484449.0	144.85376	48.747079
4720-55691-0645	227.36966	33.609091	003408.89+073033.4	8.537079	7.509284
7669-57329-0292	351.15229	23.214359	083953.06+193830.1	129.97109	19.641699
6116-56245-0866	354.94636	22.467632	011046.83-043803.3	17.695134	-4.634255
7614-57307-0120	347.12209	23.108415	152022.67+322204.5	230.09449	32.367917
6709-56429-0426	237.77716	53.522586	124058.54+624814.5	190.2438	62.804142
5044-56186-0788	340.41499	14.669513	084129.37+555946.8	130.37232	55.99645
2780-54557-0410	228.28307	17.781076	015444.58+232610.3	28.685784	23.436201
1829-53494-0613	222.26334	6.9201597	221625.26+210435.8	334.10529	21.076622
8498-57105-0993	223.80184	40.460149	073808.38+442742.9	114.53492	44.46193
5048-56218-0664	336.31561	13.151013	225619.91+210949.3	344.08297	21.1637
4999-55721-0248	262.08269	32.566506	014224.46+032625.1	25.60192	3.440323
3951-55681-0984	230.21462	18.788106	124058.54+624814.5	190.2438	62.804142
8054-57194-0797	252.34222	49.653548	015444.58+232610.3	28.685784	23.436201
1688-53462-0105	257.09351	22.74927	134747.19+403114.3	206.94666	40.520663
8056-57186-0181	249.4407	48.948432	142350.04+550316.2	215.95847	55.054594
7639-57297-0320	326.86696	24.335598	083953.06+193830.1	129.97109	19.641699
7586-57186-0558	336.32189	24.206814	083953.06+193830.1	129.97109	19.641699
0537-52027-0117	222.27677	1.9325465	221851.83+205114.0	334.71597	20.853903
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
6509-56486-0923	339.20684	31.774305	100950.90+254712.7	152.46211	25.786877
4724-55742-0498	239.93568	26.384144	213534.73-031216.8	323.89472	-3.204679
3929-55335-0868	242.56288	22.611907	110546.14+641557.3	166.44224	64.266039
5050-56215-0780	341.70663	11.648156	103439.69+532850.1	158.6654	53.480634
0592-52025-0479	231.3512	3.5963252	134147.97+533646.0	205.44989	53.61286
3872-55382-0652	226.46543	27.647945	211521.18-005733.3	318.83825	-0.95927
3936-55302-0254	237.80274	20.180526	142320.19+205044.6	215.83413	20.845722
4779-55656-0278	220.5169	4.4340162	115904.38+422617.1	179.76825	42.438099
5047-55833-0452	333.36276	11.114159	134128.52+492438.1	205.36886	49.410674
3933-55335-0006	235.54094	15.503224	080254.03+505636.2	120.72516	50.943409
7639-57297-0732	326.89223	24.68716	011525.21+050929.5	18.85508	5.158198
7604-56947-0386	351.18779	18.763112	100950.90+254712.7	152.46211	25.786877
3943-55336-0397	234.42182	21.547272	134128.52+492438.1	205.36886	49.410674
6719-56390-0670	222.29209	53.539179	095234.75+503257.3	148.14481	50.54935
5961-56460-0306	331.97019	29.051198	083953.06+193830.1	129.97109	19.641699
8068-57185-0607	241.2054	59.283893	112026.51+580447.7	170.11046	58.079928
6799-56478-0050	235.55333	59.015874	121835.58+424749.4	184.64827	42.79706
0646-52523-0288	351.19108	-10.899936	023339.51-033215.5	38.414658	-3.537656
4412-55912-0056	343.04949	5.239816	223100.05+240718.9	337.75023	24.121922
7657-57309-0309	341.72556	24.470221	121653.36+424048.8	184.22237	42.680225
7599-56955-0663	356.42468	19.91299	083953.06+193830.1	129.97109	19.641699
0367-51997-0016	262.38952	54.860745	021642.27-025843.2	34.176164	-2.978688
4999-55721-0212	262.42879	33.056157	115624.92+470435.1	179.10385	47.076432
5485-56063-0966	228.32658	10.999502	102756.70+254146.8	156.98626	25.696336
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
2530-53881-0226	245.02258	12.435417	003346.91+231419.9	8.445478	23.238874
0313-51673-0319	230.25837	-0.1508961	012011.27+200529.9	20.046972	20.091642
0734-52224-0106	330.56486	11.728124	021742.25-015937.9	34.42605	-1.993883
5002-55710-0853	262.50273	32.221851	001619.47+043737.4	4.081146	4.627068
6118-56189-0914	338.03571	21.984548	145349.87+531745.8	223.4578	53.29613
6721-56398-0724	230.26429	51.703245	004744.16+021803.2	11.934001	2.300903
4192-55469-0344	319.38276	-0.60403143	002838.52-034328.7	7.160507	-3.724645
7583-56958-0740	334.91851	22.696597	225534.84+140504.0	343.89517	14.084475
0685-52203-0320	358.97738	-0.73545448	111729.57+214513.9	169.37322	21.753862
7850-56956-0483	358.97762	-2.0460143	011432.12-015357.6	18.63387	-1.899342
5144-55829-0303	323.7186	0.70384314	120754.74+370829.9	181.97809	37.141662
5011-55739-0542	235.58099	32.586692	134816.05+445502.1	207.06691	44.917256
5021-55863-0056	332.01312	18.969582	121835.58+424749.4	184.64827	42.79706
7586-57186-0521	336.40735	23.798922	123722.12+402719.4	189.34221	40.455398
0725-52258-0621	347.19001	-9.2470692	011604.22+053009.5	19.017604	5.502663
6154-56237-0324	345.89258	10.843384	105730.37+490125.5	164.37657	49.023767
7583-56958-0013	336.41166	22.623643	003941.14+002220.2	9.921443	0.372304
7701-57356-0572	351.22153	26.433903	091247.29+392757.5	138.19706	39.465983
3942-55338-0942	237.85401	24.131298	073440.76+445337.6	113.66987	44.893802
4075-55352-0760	249.51663	12.893807	084007.63+441604.3	130.0318	44.267887
0731-52460-0170	323.76023	10.63988	083953.06+193830.1	129.97109	19.641699
5478-56014-0712	223.84324	13.106662	091022.57+483231.0	137.59405	48.542052
5479-56016-0283	224.59679	16.188134	224453.54+271000.9	341.22309	27.166938
1338-52765-0548	247.97971	36.27019	013753.96+024207.0	24.474855	2.701947
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7658-57312-0985	345.90764	25.551826	213451.82+000240.6	323.71593	0.044649
7656-57338-0422	341.76832	26.671584	230800.26+111715.6	347.00111	11.287679
7601-56959-0430	353.71809	20.476433	083953.06+193830.1	129.97109	19.641699
5194-56062-0194	252.45429	30.827761	154121.37+063804.1	235.33906	6.634501
7848-56959-0258	358.99384	-0.37333622	083953.06+193830.1	129.97109	19.641699
1171-52753-0603	245.06793	41.962262	012616.13+050209.9	21.56725	5.036112
7643-57302-0178	333.45273	23.421948	091948.41+400519.7	139.95172	40.088815
5164-56067-0400	229.26976	41.661426	115201.86+511540.6	178.00772	51.261369
4358-55833-0615	352.49213	-2.1760271	123016.87+392844.5	187.57029	39.479042
5174-56047-0933	223.86438	38.263573	210722.65+064647.2	316.84438	6.77979
7585-57190-0022	340.52742	20.754921	000716.86+215146.3	1.820267	21.86288
4287-55483-0218	348.48515	3.3116107	154128.24+553156.7	235.36771	55.532513
7605-56949-0148	343.11846	18.267474	002838.52-034328.7	7.160507	-3.724645
6291-56209-0652	338.08147	23.523177	021741.23-040035.0	34.421802	-4.009735
0623-52051-0142	243.7885	51.009378	220803.15+065604.1	332.01314	6.934479
8057-57190-0221	250.93304	52.534891	083926.50+564228.0	129.86042	56.70779
4058-55358-0592	245.09036	22.438818	083953.06+193830.1	129.97109	19.641699
1728-53228-0283	238.89663	8.4451687	111955.69+403623.6	169.98206	40.606583
7601-56959-0152	355.07408	20.531566	002838.52-034328.7	7.160507	-3.724645
0817-52381-0441	248.03554	40.552921	021742.25-015937.9	34.42605	-1.993883
7609-56959-0702	343.15101	22.31467	005610.48-013818.6	14.043678	-1.638512
5058-56208-0178	339.31283	7.1476821	000404.07+201556.6	1.016982	20.265726
1173-52790-0350	246.49516	38.551359	012616.13+050209.9	21.56725	5.036112
6731-56385-0978	220.57538	48.683832	111955.69+403623.6	169.98206	40.606583
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
6736-56366-0256	220.57667	45.794494	101528.86+533325.5	153.87024	53.557191
4184-55450-0265	246.50377	22.716925	114948.93+482459.5	177.45388	48.416621
0594-52045-0613	237.89351	3.2959687	004744.16+021803.2	11.934001	2.300903
6033-56069-0182	240.04506	44.780727	013753.96+024207.0	24.474855	2.701947
6033-56069-0846	240.04765	45.659598	002249.47+163502.6	5.706158	16.584084
6719-56390-0956	224.64147	52.685489	233651.33+230409.1	354.2139	23.069203
6144-56237-0212	355.08801	13.534622	101528.86+533325.5	153.87024	53.557191
1047-52733-0251	219.78381	48.610876	230020.05+202739.1	345.08357	20.460864
7138-56572-0678	352.51841	33.880368	083953.06+193830.1	129.97109	19.641699
1051-52468-0132	231.45181	43.484769	020621.18-011624.2	31.588268	-1.27341
1573-53226-0630	248.06407	25.015234	095633.93+562216.0	149.14143	56.371137
4316-55505-0870	332.09726	2.9775085	013753.96+024207.0	24.474855	2.701947
3878-55361-0098	223.88889	28.001711	012822.63+021737.3	22.094301	2.293699
6732-56370-0438	220.58957	48.250807	111128.79+623629.3	167.86984	62.608283
4185-55469-0800	252.53611	27.284047	004744.16+021803.2	11.934001	2.300903
6035-56076-0134	246.52668	42.595616	222311.34+185950.6	335.79727	18.997408
4082-55367-0792	319.72329	8.8778409	021142.69-041059.1	32.927886	-4.183098
6045-56072-0040	248.07759	40.858848	013753.96+024207.0	24.474855	2.701947
7608-56945-0670	344.64743	19.360952	132915.38+020140.5	202.31412	2.027922
5025-55836-0428	338.1338	19.020375	011201.01+214503.4	18.004241	21.750969
4205-55454-0822	341.84665	1.1636761	090154.96+380534.5	135.47902	38.092913
4996-55720-0232	254.45721	29.640625	132416.78+464805.9	201.06994	46.801653
6730-56425-0038	240.06842	47.616497	005957.33+354035.2	14.988887	35.676446
7657-57309-0028	343.19472	24.477613	105451.62+553736.2	163.71516	55.626816
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
1686-53472-0001	251.00214	27.969095	002440.07+261147.1	6.166968	26.196427
4192-55469-0232	319.76801	-0.20801087	104639.75+443924.1	161.66565	44.656721
2972-54586-0477	257.57201	35.515247	233512.17+095238.8	353.80072	9.877459
5208-56008-0332	236.90907	8.8031759	144232.02+454435.6	220.63342	45.74324
4364-55855-0208	343.20028	-3.3729108	225221.87+045207.1	343.09113	4.868656
4209-55478-0552	347.29572	0.81663301	120329.85+480313.6	180.87438	48.05378
0613-52345-0186	229.32	59.274222	023339.51-033215.5	38.414658	-3.537656
6502-56544-0207	351.3413	30.077201	152022.67+322204.5	230.09449	32.367917
4185-55469-0130	252.57706	25.623315	102133.07+271513.3	155.3878	27.253695
0377-52145-0342	338.15718	0.25744541	223100.05+240718.9	337.75023	24.121922
6507-56478-0079	344.67305	30.609122	083953.06+193830.1	129.97109	19.641699
1293-52765-0638	233.5056	39.39929	223100.05+240718.9	337.75023	24.121922
5493-56009-0882	232.48702	10.887437	235005.48+233814.2	357.52283	23.637289
6982-56444-0084	225.57832	59.860502	083953.06+193830.1	129.97109	19.641699
6714-56447-0768	232.48664	53.359046	134512.31+442450.3	206.30133	44.413979
6049-56091-0163	232.487	42.088018	152956.88+420516.8	232.487	42.088018
6512-56567-0011	359.77343	29.857774	020938.65+032550.9	32.411059	3.430826
0677-52606-0595	346.01337	0.029752672	113245.50+431637.9	173.18961	43.277221
0608-52081-0160	221.46482	59.751071	022608.28-002332.5	36.534515	-0.392376
2203-53915-0375	246.5718	14.35857	095828.55+555025.0	149.61898	55.840298
5469-56037-0300	219.81787	16.482928	111837.14+280054.9	169.65479	28.015255
4287-55483-0462	347.33046	3.2711854	124926.31+361801.3	192.35965	36.300367
1721-53857-0013	231.50472	7.7995545	121729.19+373903.7	184.37165	37.651052
6806-56419-0350	220.6255	58.5675	083953.06+193830.1	129.97109	19.641699
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
3936-55302-0814	237.95275	21.979885	111955.69+403623.6	169.98206	40.606583
7614-57307-0328	346.032	22.176682	083953.06+193830.1	129.97109	19.641699
8490-57104-0436	223.92923	44.39038	010810.76-015457.5	17.044852	-1.915995
0621-52055-0057	242.74046	53.329499	083953.06+193830.1	129.97109	19.641699
7653-57306-0941	340.6513	25.134147	161606.79+442150.9	244.0283	44.36416
7643-57302-0437	332.16717	24.241546	094555.44+404950.2	146.48101	40.830634
4988-55825-0510	254.58856	36.118171	020458.66+032703.2	31.244431	3.450896
7583-56958-0276	335.12314	22.423006	081733.09+484528.2	124.38788	48.757855
3942-55338-0586	235.72089	23.71102	012249.30+250410.5	20.705421	25.069604
7595-56957-0302	359.78977	20.768549	002838.52-034328.7	7.160507	-3.724645
3871-55307-0254	228.45232	29.113822	102001.02+343433.5	155.00427	34.575983
8434-57484-0934	219.05875	48.356713	142350.04+550316.2	215.95847	55.054594
1092-52639-0065	358.31282	-0.4331467	004744.16+021803.2	11.934001	2.300903
7166-56602-0750	358.31204	-8.512758	111837.14+280054.9	169.65479	28.015255
5142-55825-0323	320.01801	0.16908006	083953.06+193830.1	129.97109	19.641699
6504-56540-0186	347.36826	31.782822	222311.34+185950.6	335.79727	18.997408
4973-56042-0934	237.96544	37.481399	134423.34+381703.3	206.09728	38.284258
6037-56104-0274	252.65945	41.376412	084651.22+181813.0	131.71344	18.303628
4056-55357-0724	246.61841	15.95064	091247.29+392757.5	138.19706	39.465983
6166-56181-0704	352.61504	8.577487	022726.14+010909.0	36.858925	1.152511
2517-54567-0171	235.73813	13.464163	154251.47+324824.5	235.71448	32.806819
7608-56945-0939	346.06037	18.576851	083953.06+193830.1	129.97109	19.641699
0796-52401-0293	233.55284	50.568133	152727.21+020903.9	231.86337	2.15111
6726-56394-0272	223.94489	50.052965	145302.38+470832.7	223.25992	47.142439
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
1648-53171-0115	226.63223	32.114256	012822.63+021737.3	22.094301	2.293699
2194-53904-0230	265.91914	25.148389	120146.42+195800.2	180.44345	19.966736
7585-57190-0459	338.2185	20.619512	112026.51+580447.7	170.11046	58.079928
6064-56097-0336	257.79122	41.487947	100206.79+423144.6	150.52829	42.529078
6736-56366-0781	220.64718	47.675559	021337.50+023511.9	33.40627	2.586665
5142-55825-0320	320.09251	1.1069263	002440.07+261147.1	6.166968	26.196427
6028-56102-0614	252.67393	44.785111	075421.46+150856.9	118.58943	15.149164
6022-56076-0265	221.49821	25.060256	150717.62+571727.7	226.82338	57.291095
7653-57306-0510	338.227	24.359332	083953.06+193830.1	129.97109	19.641699
4083-55441-0781	324.37506	4.8561433	083953.06+193830.1	129.97109	19.641699
4009-55648-0608	231.54654	2.2912109	091948.41+400519.7	139.95172	40.088815
4197-55479-0584	327.30024	1.0230204	083953.06+193830.1	129.97109	19.641699
8054-57194-0820	252.70672	48.933461	120901.88+510759.4	182.25784	51.133169
7850-56956-0386	359.8177	-2.0479082	081100.33+571134.9	122.75139	57.193049
4886-55737-0882	236.98222	12.467504	020835.75-020204.8	32.148995	-2.034675
1828-53504-0444	219.08967	7.0743128	120132.12+372911.7	180.38384	37.486601
4073-55663-0264	245.25395	16.814573	081237.63+345629.4	123.15683	34.94151
7654-57330-0070	339.47091	25.692032	012326.27+235503.9	20.859492	23.917771
4081-55365-0352	320.22103	5.4907882	121639.52+422951.1	184.16468	42.497541
7703-57333-0410	348.65237	25.224948	002440.07+261147.1	6.166968	26.196427
7134-56566-0456	359.82531	29.223053	081558.88+224139.3	123.99534	22.694275
6791-56429-0876	235.77494	58.200281	083457.00+421911.5	128.73754	42.319867
4881-55733-0450	234.61845	5.7396821	003003.16-032100.0	7.513175	-3.350027
7640-57311-0310	329.11028	24.775908	081552.44+154309.7	123.96853	15.719369
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
7574-56945-0941	333.65006	20.153297	123338.65+422238.3	188.41103	42.377291
0725-52258-0352	344.7863	-9.4020322	002538.51+223655.2	6.410493	22.615341
0586-52023-0242	219.09989	3.1987515	090825.07+014227.7	137.10446	1.707702
0813-52354-0556	241.47851	47.443837	114948.93+482459.5	177.45388	48.416621
0748-52233-0271	355.25661	14.526147	160546.26+591403.6	241.44272	59.234373
7851-56932-0150	358.35911	-2.1652527	095131.29+503251.0	147.8804	50.547513
7655-57336-0893	340.73752	26.670583	100206.79+423144.6	150.52829	42.529078
1117-52885-0357	309.26164	0.19988979	003003.16-032100.0	7.513175	-3.350027
7657-57309-0472	340.73995	24.713314	100047.91+372740.7	150.19963	37.461322
1659-53224-0243	248.26646	19.855987	142450.83+424629.7	216.21182	42.774939
7605-56949-0124	343.33768	17.539196	083953.06+193830.1	129.97109	19.641699
6588-56536-0218	344.80056	24.522802	095131.29+503251.0	147.8804	50.547513
5147-55854-0229	329.15432	1.0244595	232405.85+164341.3	351.0244	16.728157
5966-56101-0630	329.1566	30.468903	140726.61+282236.1	211.8609	28.376718
5009-55707-0896	242.83215	30.061182	154121.37+063804.1	235.33906	6.634501
3869-55273-0388	221.55033	31.132444	081100.33+571134.9	122.75139	57.193049
6718-56398-0350	218.36063	51.933283	021642.27-025843.2	34.176164	-2.978688
0721-52228-0044	338.28574	-9.9824256	223100.05+240718.9	337.75023	24.121922
3876-55245-0080	227.5866	31.270544	091024.74+373210.2	137.60309	37.536193
0745-52258-0633	351.48027	15.059862	012011.27+200529.9	20.046972	20.091642
7600-56984-0303	355.29749	22.533849	140004.34+094853.1	210.01811	9.814761
1338-52765-0296	246.74216	35.508388	093456.90+545621.1	143.73709	54.939219
4806-55688-0122	239.09105	2.1598031	100327.49+263534.0	150.86458	26.5928
7658-57312-0821	344.83555	25.809952	103334.68+495047.7	158.3945	49.846703
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
5013-55723-0340	254.8208	27.777691	123725.21+475700.1	189.35504	47.950035
2164-53886-0351	231.61206	19.440148	134128.52+492438.1	205.36886	49.410674
7581-57195-0614	338.30766	19.028645	113843.38+370830.8	174.68077	37.141891
2171-53557-0214	238.06317	21.266707	134128.52+492438.1	205.36886	49.410674
0373-51788-0557	332.30437	0.12990855	120754.74+370829.9	181.97809	37.141662
0379-51789-0124	343.39256	-1.1178132	211616.47+023856.4	319.06863	2.649021
7140-56569-0406	347.48541	32.881868	073440.76+445337.6	113.66987	44.893802
8494-57104-0736	224.77822	40.219154	142350.04+550316.2	215.95847	55.054594
5191-56065-0902	246.75961	36.404505	023931.87+002854.0	39.882825	0.481675
0595-52023-0452	239.10964	3.4646975	101353.31+391619.0	153.47213	39.271965
5469-56037-0406	219.13759	16.344817	223100.05+240718.9	337.75023	24.121922
4087-55449-0320	324.79227	5.5459335	134147.97+533646.0	205.44989	53.61286
7611-56946-0255	347.49211	18.061919	083034.47+493535.1	127.64363	49.593197
6976-56448-0636	242.86936	59.92931	014915.96+023324.9	27.316533	2.556933
0610-52056-0248	224.78778	57.433245	023237.97-010231.2	38.158243	-1.042023
5488-56013-0686	228.55369	13.67178	083953.06+193830.1	129.97109	19.641699
6813-56419-0086	220.72888	59.915158	022608.28-002332.5	36.534515	-0.392376
1116-52932-0315	310.63442	-0.21715377	235005.48+233814.2	357.52283	23.637289
7572-56944-0178	330.90202	17.726499	023152.45-034447.4	37.968546	-3.746509
7585-57190-0571	338.34354	21.780621	015744.15+291436.4	29.434002	29.243456
4095-55497-0220	329.25571	9.0196823	080914.89+463938.8	122.31205	46.66078
4719-55736-0106	231.63875	31.905635	124926.31+361801.3	192.35965	36.300367
7595-56957-0470	359.17028	20.976521	002333.58-024655.6	5.889952	-2.782121
4289-55856-0792	346.21004	4.9503991	022513.81+040723.7	36.307567	4.123272
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
6166-56181-0294	352.74613	6.5960749	111955.69+403623.6	169.98206	40.606583
1047-52733-0418	219.94515	50.633143	090324.75+424912.5	135.85314	42.820161
0342-51691-0481	237.07139	0.5192238	013753.96+024207.0	24.474855	2.701947
2533-54585-0027	249.84853	11.2261	223100.05+240718.9	337.75023	24.121922
3931-55350-0494	237.07445	18.668713	123725.21+475700.1	189.35504	47.950035
7656-57338-0646	342.07925	27.378455	024650.75+020751.7	41.711468	2.131029
4976-56046-0914	237.0725	40.520916	014915.96+023324.9	27.316533	2.556933
4184-55450-0560	245.38112	23.764114	223000.09+184347.2	337.50041	18.729789
6063-56098-0676	254.91947	41.420538	095131.29+503251.0	147.8804	50.547513
0344-51693-0270	240.283	-0.58866142	120754.74+370829.9	181.97809	37.141662
5142-55825-0156	320.6386	1.0059402	024131.89-053139.6	40.382888	-5.527677
8057-57190-0371	249.86688	51.79029	085450.39+492315.6	133.70998	49.387751
3948-55331-0882	234.72392	23.804989	010153.95+050622.4	15.474798	5.106234
0306-51637-0628	219.17186	0.26635823	023339.51-033215.5	38.414658	-3.537656
6140-56189-0937	346.25419	15.293047	094706.42+083421.3	146.77678	8.572605
8054-57194-0378	251.29622	47.998161	121835.58+424749.4	184.64827	42.79706
6043-56096-0956	241.60986	43.91179	112538.56+453829.5	171.41071	45.64154
0793-52370-0458	227.66884	55.732311	223100.05+240718.9	337.75023	24.121922
8490-57104-0410	224.06114	43.641176	024650.75+020751.7	41.711468	2.131029
4058-55358-0048	246.8325	20.440715	083953.06+193830.1	129.97109	19.641699
6016-56073-0762	219.97073	24.084847	092543.20+444955.5	141.43	44.832088
7656-57338-0373	342.11079	26.177351	085450.39+492315.6	133.70998	49.387751
5195-56048-0818	248.40932	36.631106	023237.97-010231.2	38.158243	-1.042023
5049-56103-0842	339.61741	11.891248	093416.02+441353.4	143.5668	44.231501
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
1293-52765-0068	232.69068	38.664551	160536.73+081329.4	241.40307	8.224859
0792-52353-0576	225.76073	56.884372	075828.99+420808.1	119.62081	42.135611
0817-52381-0308	248.42118	39.377931	121729.19+373903.7	184.37165	37.651052
6160-56190-0439	355.41623	9.0068556	115904.38+422617.1	179.76825	42.438099
4072-55362-0406	241.63076	15.516508	115624.92+470435.1	179.10385	47.076432
5146-55831-0194	327.56265	0.61764424	083953.06+193830.1	129.97109	19.641699
8397-57482-0733	226.77644	50.871962	011046.83-043803.3	17.695134	-4.634255
7848-56959-0074	359.91718	-0.080629403	083953.06+193830.1	129.97109	19.641699
4065-55368-0914	251.33258	15.430468	152022.67+322204.5	230.09449	32.367917
8410-57481-0890	239.17723	51.348526	024650.75+020751.7	41.711468	2.131029
6063-56098-0690	255.05478	40.580212	120754.74+370829.9	181.97809	37.141662
6795-56425-0796	227.69646	57.271813	083953.06+193830.1	129.97109	19.641699
5195-56048-0198	248.43895	36.454241	154251.47+324824.5	235.71448	32.806819
6136-56206-0894	351.61138	16.556192	021138.71+261041.1	32.911314	26.178098
4362-55828-0288	344.95029	-2.9404233	000716.86+215146.3	1.820267	21.86288
6316-56483-0015	245.47168	50.362174	015026.85+260524.4	27.611879	26.090132
6720-56390-0216	226.7929	51.299457	003003.16-032100.0	7.513175	-3.350027
5147-55854-0150	329.38936	0.86387082	213451.82+000240.6	323.71593	0.044649
1288-52731-0496	218.46826	45.270202	083953.06+193830.1	129.97109	19.641699
4964-55749-0762	242.97322	36.251301	123016.87+392844.5	187.57029	39.479042
5165-56063-0792	232.74441	40.608854	152022.67+322204.5	230.09449	32.367917
5475-56011-0468	221.68748	10.472346	012249.30+250410.5	20.705421	25.069604
4776-55652-0820	227.72556	5.1991552	154128.24+553156.7	235.36771	55.532513
7607-56902-0842	350.20377	19.769851	013836.26+291625.6	24.651098	29.2738
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
3933-55335-0872	234.8019	16.372498	114156.80+044043.9	175.48671	4.678863
4082-55367-0002	320.99468	7.8183389	101251.66+445532.4	153.21524	44.925695
7848-56959-0636	358.48878	0.87677614	001241.25+225219.6	3.171898	22.872125
0635-52145-0625	312.778	-4.9173282	104614.80+375928.5	161.56169	37.991256
0743-52262-0550	347.6478	14.951345	124926.31+361801.3	192.35965	36.300367
4363-55537-0288	340.9495	-3.3690891	235629.03+010930.7	359.121	1.158571
7601-56959-0914	355.48446	21.69062	004744.16+021803.2	11.934001	2.300903
4204-55470-0312	339.69747	-0.35192573	114124.05+551550.9	175.35022	55.264254
3865-55272-0198	220.04347	33.374044	013423.96+262025.8	23.599857	26.340527
5142-55825-0111	321.0527	1.1099893	083953.06+193830.1	129.97109	19.641699
5472-55976-0902	221.70978	9.6854751	124900.56+424720.1	192.25237	42.788944
6138-56598-0620	355.4992	16.132191	083953.06+193830.1	129.97109	19.641699
4189-55679-0700	251.43074	28.994169	101528.86+533325.5	153.87024	53.557191
6043-56096-0442	239.27396	42.355996	011432.12-015357.6	18.63387	-1.899342
2777-54554-0130	222.59647	16.912519	223100.05+240718.9	337.75023	24.121922
3946-55659-0631	237.18549	27.399163	003625.84+011258.4	9.107678	1.21623
0350-51691-0516	258.74793	64.856837	223100.05+240718.9	337.75023	24.121922
6318-56186-0342	250.00887	47.498635	004135.96+282218.6	10.399846	28.371861
0920-52411-0232	220.82383	-2.1591792	023931.87+002854.0	39.882825	0.481675
0982-52466-0613	313.22751	0.014019212	002410.51+261633.9	6.043819	26.276085
4292-55532-0924	342.22298	4.6398437	152255.01+510822.9	230.72927	51.139726
4408-55888-0184	351.6861	5.2491028	131134.38+592010.6	197.89323	59.336361
2150-54510-0531	225.84565	22.812014	083953.06+193830.1	129.97109	19.641699
6720-56390-0815	226.8694	52.527215	163656.84+364340.4	249.23686	36.72791
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
6715-56449-0866	237.20903	53.645359	134147.97+533646.0	205.44989	53.61286
4064-55366-0402	246.99195	16.557121	080254.03+505636.2	120.72516	50.943409
6177-56268-0387	359.98636	13.858829	145302.38+470832.7	223.25992	47.142439
4379-55881-0274	335.48774	-2.5315873	023931.87+002854.0	39.882825	0.481675
5058-56208-0627	338.52887	9.0352826	015545.83+003524.2	28.940982	0.590076
8494-57104-0643	224.14006	40.613757	124652.20+562122.5	191.71753	56.356329
5047-55833-0949	335.49088	12.962451	011432.12-015357.6	18.63387	-1.899342
7582-56960-0777	337.0232	20.934541	152022.67+322204.5	230.09449	32.367917
4095-55497-0907	329.49078	10.690149	014645.25-001236.4	26.688557	-0.210137
0614-53437-0239	229.62476	55.991131	015751.43+274029.6	29.464329	27.674895
7657-57309-0915	342.26932	26.153371	022608.28-002332.5	36.534515	-0.392376
8498-57105-0972	223.41626	40.863363	153626.35+342219.4	234.10982	34.372076
3949-55650-0364	231.80959	20.692054	213451.82+000240.6	323.71593	0.044649
6028-56102-0376	253.16022	44.479982	005335.48+221537.3	13.397866	22.260367
6033-56069-0104	240.46172	44.772947	235324.87+312633.4	358.35366	31.442634
7578-56956-0581	334.03863	21.304917	014135.09+010116.3	25.39621	1.021202
4175-55680-0860	255.3592	20.626064	012744.95+265440.1	21.937306	26.911156
2967-54584-0003	243.08231	18.37457	224914.03+251353.5	342.30848	25.231542
4093-55475-0847	325.46791	10.105428	015026.85+260524.4	27.611879	26.090132
2883-54525-0436	231.82657	56.621028	093416.02+441353.4	143.5668	44.231501
6589-56536-0306	346.4635	23.829013	002125.18+231025.1	5.354948	23.173671
3874-55280-0716	220.85909	30.705194	073440.76+445337.6	113.66987	44.893802
7612-56972-0664	345.10183	21.438611	083953.06+193830.1	129.97109	19.641699
4377-55828-0116	332.59857	-2.5841367	111837.14+280054.9	169.65479	28.015255
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
8490-57104-0448	223.43406	43.596465	095234.75+503257.3	148.14481	50.54935
7639-57297-0884	327.75807	24.963808	081558.88+224139.3	123.99534	22.694275
6737-56365-0194	224.17504	46.012151	231201.18+255807.3	348.00492	25.968719
3937-55352-0590	234.90223	20.38365	083953.06+193830.1	129.97109	19.641699
0719-52203-0139	334.07695	-9.4868043	221625.26+210435.8	334.10529	21.076622
1114-53179-0226	314.25528	-0.61503543	091247.29+392757.5	138.19706	39.465983
0537-52027-0121	221.77689	0.5461608	100950.90+254712.7	152.46211	25.786877
7602-56954-0520	352.97029	18.854021	083457.00+421911.5	128.73754	42.319867
3869-55273-0533	220.87103	32.633633	005925.21+225725.0	14.855057	22.956972
8056-57186-0086	250.08928	48.013882	083953.06+193830.1	129.97109	19.641699
7577-56944-0802	337.09414	19.590752	112026.51+580447.7	170.11046	58.079928
7641-57307-0500	325.58636	26.545636	083953.06+193830.1	129.97109	19.641699
1340-52781-0348	248.63593	32.324945	014915.96+023324.9	27.316533	2.556933
1688-53462-0271	255.46099	22.520216	002440.07+261147.1	6.166968	26.196427
7146-56573-0122	358.56991	-7.9196086	011100.99+243005.4	17.754143	24.501513
4715-55653-0666	223.45274	35.525132	142350.04+550316.2	215.95847	55.054594
3957-55664-0226	226.92658	18.072677	090712.21+091056.4	136.80089	9.182353
6019-56074-0612	225.91011	25.29416	080000.15+420206.3	120.00063	42.035107
7701-57356-0133	352.99206	26.147031	083953.06+193830.1	129.97109	19.641699
6713-56402-0836	229.67888	55.015668	080121.75+424913.6	120.34064	42.820461
3961-55654-0152	229.67951	23.685215	114948.93+482459.5	177.45388	48.416621
6154-56237-0432	345.15508	10.507728	103439.69+532850.1	158.6654	53.480634
4071-55660-0192	241.83632	13.903127	134922.40+560248.1	207.34338	56.046821
0984-52442-0157	315.02638	0.060423178	134014.81+375201.1	205.06173	37.866992
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
4379-55881-0774	335.57948	-2.3116937	004716.86+263614.7	11.820291	26.604102
7648-57329-0320	335.58118	25.024099	083953.06+193830.1	129.97109	19.641699
0718-52206-0370	331.24689	-8.4317923	022804.36+010658.9	37.018185	1.116365
3868-55360-0854	220.13802	32.176642	223100.05+240718.9	337.75023	24.121922
6793-56430-0898	243.1521	55.490161	095828.55+555025.0	149.61898	55.840298
7574-56945-0745	332.66343	20.091942	235629.03+010930.7	359.121	1.158571
2173-53874-0499	240.54829	21.119136	083953.06+193830.1	129.97109	19.641699
6291-56209-0777	338.63025	23.294292	084007.63+441604.3	130.0318	44.267887
6322-56190-0660	247.12718	47.032994	100950.90+254712.7	152.46211	25.786877
1105-52937-0242	331.25834	-1.141704	083953.06+193830.1	129.97109	19.641699
1580-53145-0621	238.30277	32.241212	083953.06+193830.1	129.97109	19.641699
1814-54555-0506	222.69636	8.5621136	012822.63+021737.3	22.094301	2.293699
1724-53859-0240	234.95581	7.8825284	011525.21+050929.5	18.85508	5.158198
5145-55835-0278	325.71215	1.1444112	220237.72+030647.5	330.65718	3.113202
0538-52029-0022	224.98599	1.2631893	101251.66+445532.4	153.21524	44.925695
6296-56219-0888	341.12237	27.166149	140726.61+282236.1	211.8609	28.376718
4889-55709-0798	230.79086	7.32987	093416.02+441353.4	143.5668	44.231501
6298-56208-0814	339.84439	25.101769	142304.15+524630.1	215.7673	52.775047
8498-57105-0308	221.81994	39.63784	140726.61+282236.1	211.8609	28.376718
5142-55825-0008	321.60547	0.83577695	074018.29+461422.7	115.07623	46.239653
2948-54553-0210	248.69696	26.545175	114948.93+482459.5	177.45388	48.416621
1292-52736-0196	228.79531	40.625147	100206.79+423144.6	150.52829	42.529078
7605-56949-0338	342.39855	18.296772	080000.15+420206.3	120.00063	42.035107
1114-53179-0559	315.57301	0.16812637	083953.06+193830.1	129.97109	19.641699
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
3934-55336-0890	241.88467	24.560018	212852.68+080308.6	322.21951	8.05239
0719-52203-0443	334.16884	-7.4178162	015444.58+232610.3	28.685784	23.436201
4977-56047-0073	234.97054	37.973817	021337.50+023511.9	33.40627	2.586665
8489-57483-0464	221.83058	45.804759	101528.86+533325.5	153.87024	53.557191
2146-54230-0502	225.00447	28.962693	080914.89+463938.8	122.31205	46.66078
1823-53886-0287	241.89241	3.8428025	014915.96+023324.9	27.316533	2.556933
0921-52380-0515	224.23807	-1.4122135	114948.93+482459.5	177.45388	48.416621
6017-56075-0238	218.59648	24.756192	024650.75+020751.7	41.711468	2.131029
4280-55503-0654	355.68118	2.4866113	083953.06+193830.1	129.97109	19.641699
5043-56187-0062	338.66249	13.116119	114832.56+370815.6	177.1357	37.137686
4184-55450-0392	245.78915	23.081095	133739.83+393254.7	204.41599	39.548542
6518-56567-0488	355.68461	24.26104	021642.27-025843.2	34.176164	-2.978688
0637-52174-0124	315.88904	-7.3081168	083953.06+193830.1	129.97109	19.641699
3928-55331-0342	243.19709	22.319204	083953.06+193830.1	129.97109	19.641699
4213-55449-0090	355.69853	-0.88965432	111322.53+441414.0	168.34389	44.23724
6708-56452-0413	233.98105	53.805158	142137.77+441355.5	215.4074	44.232092
3869-55273-0712	221.85273	33.647936	090154.96+380534.5	135.47902	38.092913
8740-57367-0448	359.36186	5.1396434	152022.67+322204.5	230.09449	32.367917
1581-53149-0197	234.9968	32.086317	115904.38+422617.1	179.76825	42.438099
1170-52756-0467	241.9223	43.534605	223100.05+240718.9	337.75023	24.121922
6734-56386-0250	228.82727	46.289699	091948.41+400519.7	139.95172	40.088815
1165-52703-0313	225.98067	51.743939	020621.18-011624.2	31.588268	-1.27341
4984-55827-0032	259.44249	39.236165	022608.28-002332.5	36.534515	-0.392376
7595-56957-0581	359.37102	22.402944	100047.91+372740.7	150.19963	37.461322
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
5203-56034-0830	243.21306	12.389911	150717.62+571727.7	226.82338	57.291095
6729-56419-0974	236.20667	48.339608	105700.61+535646.7	164.25255	53.946397
4206-55471-0450	342.45883	-1.053345	115325.93+251611.4	178.35808	25.269855
7703-57333-0964	350.45072	26.657838	003941.14+002220.2	9.921443	0.372304
4201-55443-0946	335.67635	1.1607923	104109.06-031341.9	160.28775	-3.228319
6795-56425-0985	229.75766	56.741664	021741.23-040035.0	34.421802	-4.009735
6813-56419-0224	219.39132	60.501535	223847.39-002106.9	339.69747	-0.351926
4994-55739-0236	259.47012	34.453637	152613.80+084502.8	231.55751	8.750785
0637-52174-0618	316.77592	-6.4185333	013753.96+024207.0	24.474855	2.701947
7613-56988-0710	343.81474	23.925817	120754.74+370829.9	181.97809	37.141662
4289-55856-0606	345.2691	4.1446579	155714.27+370555.4	239.30945	37.098748
5211-56002-0736	235.03393	8.5491505	083953.06+193830.1	129.97109	19.641699
7648-57329-0745	335.69228	26.074884	011042.60+220223.7	17.677509	22.039923
7654-57330-0599	337.24642	26.998171	000716.86+215146.3	1.820267	21.86288
8741-57390-0850	359.38114	4.2184854	221851.83+205114.0	334.71597	20.853903
4187-55693-0248	248.79373	21.350802	025709.53+023913.3	44.289733	2.653699
7608-56945-0520	343.82193	18.559961	104639.75+443924.1	161.66565	44.656721
1646-53498-0311	220.20891	33.563953	011525.21+050929.5	18.85508	5.158198
5034-56190-0116	345.28752	16.693868	083953.06+193830.1	129.97109	19.641699
6735-56397-0840	232.97021	46.688201	081237.63+345629.4	123.15683	34.94151
0926-52413-0190	235.03613	-1.9741613	013753.96+024207.0	24.474855	2.701947
8502-57512-1000	219.3994	41.889576	100047.91+372740.7	150.19963	37.461322
4199-55481-0300	331.36609	-0.93413751	134147.97+533646.0	205.44989	53.61286
7612-56972-0322	345.29584	19.438935	094555.44+404950.2	146.48101	40.830634
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NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
5143-55828-0282	321.94129	0.082766797	083457.00+421911.5	128.73754	42.319867
0979-52427-0185	259.55522	26.731166	083953.06+193830.1	129.97109	19.641699
7611-56946-0602	346.6569	19.417824	101251.66+445532.4	153.21524	44.925695
3957-55664-0592	226.01331	19.217086	152022.67+322204.5	230.09449	32.367917
4977-56047-0776	234.03906	38.869858	111128.79+623629.3	167.86984	62.608283
8404-57481-0623	218.64365	50.933201	091028.76+481931.8	137.61987	48.325513
7656-57338-0459	341.23879	26.139737	083953.06+193830.1	129.97109	19.641699
7605-56949-0703	342.51537	19.371532	021507.10-035725.3	33.779611	-3.957032
7577-56944-0856	337.29316	19.57881	132854.67+470810.0	202.22778	47.13612
6032-56067-0624	235.06423	46.992612	005925.21+225725.0	14.855057	22.956972
4193-55476-0900	322.0377	0.071057581	084129.37+555946.8	130.37232	55.99645
4208-55476-0768	346.66835	0.31080266	100047.91+372740.7	150.19963	37.461322
1646-53498-0034	222.77195	33.899836	012616.13+050209.9	21.56725	5.036112
1722-53852-0115	233.00229	9.7263884	145349.87+531745.8	223.4578	53.29613
6796-56453-0684	230.88896	56.467459	101353.31+391619.0	153.47213	39.271965
7609-56959-0414	342.52022	20.324648	000716.86+215146.3	1.820267	21.86288
3936-55302-0341	237.39255	20.524753	212852.68+080308.6	322.21951	8.05239
7669-57329-0434	350.52231	23.901144	094555.44+404950.2	146.48101	40.830634
7586-57186-0970	338.77151	23.894555	083953.06+193830.1	129.97109	19.641699
5478-56014-0614	223.54903	14.166956	120754.74+370829.9	181.97809	37.141662
0610-52056-0160	226.03811	58.354973	083953.06+193830.1	129.97109	19.641699
0620-52375-0292	238.43791	50.50873	083953.06+193830.1	129.97109	19.641699
6726-56394-0224	224.31875	49.525116	114948.93+482459.5	177.45388	48.416621
5064-55864-0596	331.43857	12.817018	125911.12+482519.7	194.79635	48.422167
Continued on next page					

Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
6713-56402-0178	229.82975	53.320938	012822.63+021737.3	22.094301	2.293699
4808-55705-0872	240.72198	5.4921829	002838.52-034328.7	7.160507	-3.724645
0613-52345-0436	228.90504	60.093966	083953.06+193830.1	129.97109	19.641699
7575-56947-0474	329.85336	20.705622	105602.21+642117.7	164.00921	64.355014
8404-57481-0893	220.25612	51.091157	230020.05+202739.1	345.08357	20.460864
6031-56091-0412	250.32939	42.992377	145349.87+531745.8	223.4578	53.29613
6726-56394-0206	224.32941	49.071195	000716.86+215146.3	1.820267	21.86288
4213-55449-0898	355.85968	0.22718106	015545.83+003524.2	28.940982	0.590076
6585-56479-0035	341.30818	28.97586	151053.24+240943.3	227.72185	24.162033
2949-54557-0330	248.90764	27.843138	132854.67+470810.0	202.22778	47.13612
3940-55327-0688	239.56643	25.50808	114342.43+271009.2	175.9268	27.169238
5492-56010-0288	230.92499	11.479674	142304.15+524630.1	215.7673	52.775047
0645-52203-0295	349.24416	-10.743733	120132.12+372911.7	180.38384	37.486601
7580-56955-0136	331.47371	22.436379	083953.06+193830.1	129.97109	19.641699
4016-55632-0764	226.06497	0.83361027	101528.86+533325.5	153.87024	53.557191
7137-56566-0852	355.87566	32.410386	142137.77+441355.5	215.4074	44.232092
7573-56946-0404	328.14103	19.031854	021507.10-035725.3	33.779611	-3.957032
2530-53881-0281	244.58054	11.911144	134128.52+492438.1	205.36886	49.410674
2774-54534-0626	218.69483	19.70153	023931.87+002854.0	39.882825	0.481675
4209-55478-0648	348.00578	0.6271998	012744.95+265440.1	21.937306	26.911156
6794-56448-0222	223.58478	55.707173	084938.53+180639.9	132.41057	18.111097
4017-55329-0144	227.99154	-2.0614034	022320.19-030423.0	35.834164	-3.073058
4364-55855-0688	342.59243	-2.0308354	025306.51-021345.4	43.277135	-2.229287
6162-56191-0707	346.74943	10.372768	083953.06+193830.1	129.97109	19.641699
Continued on next page					

Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
3875-55364-0660	223.59063	30.643675	001453.83+021452.2	3.724331	2.247847
0791-52435-0227	220.28278	56.391031	002727.80+280522.9	6.865874	28.089706
1854-53566-0289	245.97923	19.664076	111837.14+280054.9	169.65479	28.015255
5471-56034-0670	220.28349	15.904835	022135.37-040312.1	35.397382	-4.05338
4205-55454-0376	341.34502	-0.98107599	083953.06+193830.1	129.97109	19.641699
7607-56902-0091	350.60193	18.924716	021741.23-040035.0	34.421802	-4.009735
1105-52937-0207	331.51234	-1.154089	011525.21+050929.5	18.85508	5.158198
5491-56034-0394	229.87695	14.677604	141528.04+441938.8	213.86685	44.327455
3937-55352-0368	235.15737	18.716041	003941.14+002220.2	9.921443	0.372304
5905-56065-0572	221.96199	21.801007	170550.47+344511.6	256.46029	34.753233
2792-54556-0143	227.11641	18.91438	154128.24+553156.7	235.36771	55.532513
0744-52251-0326	348.02817	15.113779	221625.26+210435.8	334.10529	21.076622
5210-56003-0680	237.47282	8.8220822	110341.32+245355.5	165.92218	24.898773
3961-55654-0776	228.94957	25.420255	140726.61+282236.1	211.8609	28.376718
5469-56037-0826	220.29386	18.374491	103439.69+532850.1	158.6654	53.480634
7644-57327-0736	331.53648	26.076554	083953.06+193830.1	129.97109	19.641699
4777-55707-0814	225.17015	4.7860654	021742.25-015937.9	34.42605	-1.993883
7703-57333-0692	349.30726	26.278748	095234.75+503257.3	148.14481	50.54935
4965-55721-0813	240.81126	34.573623	083953.06+193830.1	129.97109	19.641699
6503-56564-0746	349.31061	32.455909	134512.31+442450.3	206.30133	44.413979
6714-56447-0968	234.14673	54.316139	012326.27+235503.9	20.859492	23.917771
3953-55322-0882	234.15323	26.121752	002007.96+240825.1	5.033178	24.140327
6116-56245-0268	354.62913	21.077466	165157.18+222129.1	252.98828	22.358092
1103-52873-0540	335.88201	0.96679226	134423.34+381703.3	206.09728	38.284258
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Table 4.1 – continued from previous page

NLS1			BLS1		
SDSS_ID	RA	DEC	SDSS_NAME	RA	DEC
6786-56448-0858	242.13157	58.103782	124926.31+361801.3	192.35965	36.300367
6734-56386-0160	229.90927	47.098461	074018.29+461422.7	115.07623	46.239653
8056-57186-0580	247.45635	49.232408	222746.12+123534.0	336.94221	12.592802
7607-56902-0394	349.32663	18.817131	115434.14+594839.9	178.64227	59.81109
6515-56536-0372	355.96606	27.315241	132038.12+471543.2	200.15886	47.262086
6515-56536-0644	355.96988	28.702761	021642.27-025843.2	34.176164	-2.978688
6023-56069-0922	221.08364	28.15051	073440.76+445337.6	113.66987	44.893802
1049-52751-0541	226.13043	47.697568	013451.23+054727.4	23.713497	5.790962
3929-55335-0248	242.16638	20.724248	011432.12-015357.6	18.63387	-1.899342
4281-55836-0096	355.98244	3.1261053	025306.51-021345.4	43.277135	-2.229287
6147-56239-0174	349.357	12.325652	125911.12+482519.7	194.79635	48.422167
6982-56444-0102	225.21265	60.429114	083953.06+193830.1	129.97109	19.641699
7605-56949-0234	342.69141	17.940603	084007.63+441604.3	130.0318	44.267887
7669-57329-0366	350.76076	23.31399	005925.21+225725.0	14.855057	22.956972
6796-56453-0944	233.06937	56.18602	221851.83+205114.0	334.71597	20.853903
4288-55501-0672	346.77639	3.0017457	152022.67+322204.5	230.09449	32.367917
8433-57488-0989	223.61108	48.947859	125911.12+482519.7	194.79635	48.422167
2516-54241-0201	235.01554	10.749766	145349.87+531745.8	223.4578	53.29613

4.2.2 NLS1 galaxy

Table 4.2 List of BLS1 with its amplitude of variability and

SDSS_NAME	RA	DEC	MagAve	Sigma
7875-56980-0288	18.022884	-3.1301037	19.885570982142852	0.5013748921149462
6196-56189-0542	7.7595089	14.033448	19.73870635460994	0.3163860842988734
7859-57282-0144	18.026161	1.7424007	19.52368749454545	0.3176822119931457
7615-56977-0924	9.5797585	22.888494	19.19010564534884	0.22858618203774422
7589-56946-0610	6.9104836	21.487913	20.339645343749996	0.3033783930816056
6604-56337-0666	26.303909	34.196106	19.202520256944446	0.2648081154081358
7694-57359-0304	4.0170524	27.236101	18.936301751054852	0.1996198863737496
8729-57399-0918	43.277246	4.5642793	18.652862709770105	0.24395539248037384
6881-56540-0880	4.0238196	24.480935	20.136969711538455	0.300213553517358
4535-55860-0361	0.062661894	6.7493982	18.880039183050847	0.1915188021549341
7915-57309-0039	18.043346	-3.7800389	19.365240221402185	0.1895909641547191
8741-57390-0033	0.06392404	3.8034537	19.85911283606558	0.9774451058659764
6782-56576-0137	41.501159	-0.66708899	0	0
7684-57286-0331	21.099782	23.085427	20.05990482941177	0.36314038824180517
0695-52202-0165	19.094736	-0.28396066	19.655953712264136	0.2834487461444634
8729-57399-0061	43.314611	3.5737157	19.760259076045617	0.42937649405458667
6197-56191-0467	8.7131023	14.363216	19.619993557103076	0.5479940558807456
7620-56904-0433	13.377376	21.874438	18.96110166472302	0.7590671426333914
7854-56989-0190	6.0088277	1.5952031	20.38722785238095	0.27547110543638437
6874-56550-0965	14.244251	34.510289	19.35650572727273	0.26827701716081376
7628-56978-0313	23.217461	19.241627	19.84722070552146	0.33086341990015034
3586-55181-0890	8.7201247	0.23110019	20.065426351351345	0.19746235647576513
7875-56980-0963	19.1072	-1.5010643	18.295361152985073	0.14184909870965665
7833-57286-0641	31.528911	2.317064	20.331304700000004	0
6195-56220-0650	6.9578352	11.186589	20.36845880645162	0.3816391633007567
Continued on next page				

Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
7854-56989-0850	6.0406787	2.1377676	20.221518514285705	0.2881346106850216
4372-55541-0294	15.159618	-2.5617882	19.239120007843137	0.23538319973550043
7843-56902-0164	26.370965	-1.2522715	19.827216247933887	0.348986002626019
7843-56902-0614	25.347189	0.13133795	16.336117357366778	0
4536-55857-0150	4.0916015	8.7343433	0	0
7619-56900-0171	13.415938	19.264432	19.763223847161576	0.4578541614929487
7149-56593-0820	3.1452291	-7.1955487	19.395864081712062	0.24185348484156963
7622-56987-0464	16.09724	18.009802	19.632656971428577	0.2921488224175407
8732-57418-0933	36.310286	4.2853816	19.675826676375394	0.30891865647064526
7628-56978-0144	24.27509	18.70915	20.3248012112676	0.30134249070352065
7694-57359-0437	3.155692	27.345932	19.84122571768707	0.32805829004927933
7885-57336-0286	32.897499	-5.1352401	20.343818766355135	0.2953657986470872
7693-57361-0276	6.9946195	27.64604	20.169166523255807	0.42093565917829223
4271-55507-0350	29.495679	1.7931464	20.224154909090913	0.7785599001113475
7827-57278-0717	36.342859	2.6469297	20.423961948717952	0.2595885749160585
7718-57362-0238	11.528377	30.017454	19.697095672794124	0.27479740923896523
7721-57360-0254	14.296253	29.302517	19.724902732075467	0.2560019768069232
7592-56947-0550	3.1706534	20.247444	19.4980940106383	0.24499943851498854
7875-56980-0051	19.183593	-2.8585	19.831483216049378	0.4856541188259978
7663-57328-0804	4.1296093	24.41798	20.390214772151907	0.3288635364978489
5122-55841-0684	25.378713	18.733887	20.15292011340207	0.35967678662007063
7129-56569-0222	4.1243308	32.181298	19.899802663212437	0.36468724975872613
8732-57418-0936	36.377695	4.2888639	20.087877454545456	0.14773316993862823
7684-57286-0550	20.139335	24.848777	20.482763758064525	0.4231806354034926
7160-56599-0234	21.191329	-8.0589515	20.096480423076923	0.4670033248692543
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Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
7673-57329-0924	12.482486	26.343225	19.93741494583334	0.2806839999051875
6267-56279-0625	24.316324	30.598308	20.426000950000002	0.36248706598413755
7885-57336-0279	32.958339	-3.9221775	19.39333599285714	0.23047710396633966
7912-57310-0728	14.320812	-3.3794919	19.90255279710145	0.3248775294517724
7632-56987-0824	30.550081	22.029181	18.81788733910035	0.17280645993112412
0688-52203-0452	6.0918548	0.76963403	19.38240931972788	0
6191-56248-0870	7.883745	15.85468	19.0793263021807	0.18881379743547708
7912-57310-0120	15.211385	-3.7616531	20.069669671532843	0.42401291346796144
7660-57357-0318	7.891383	25.852813	18.771939264150948	0.20438622714173404
4656-55828-0458	28.560204	11.311171	19.82306893043479	0.3401193637639667
7625-57011-0209	17.15105	21.227507	20.142445934010148	0.2680572976032304
4552-55884-0408	21.214781	8.7951428	19.19183984357541	0.15988490515699438
6780-56605-0636	36.418645	0.2070254	20.34203795348837	0.38310451410160873
0701-52179-0529	30.568385	1.1537611	19.344003055555557	0.17166753037445293
4368-55559-0714	7.9020472	-1.6060445	18.76369746428571	0
8729-57399-0986	43.572485	4.3675016	0	0
7593-56958-0860	3.2217497	22.031386	20.481081326530617	0.14551347371681508
7636-56989-0094	31.665755	22.115271	20.11550002684564	0.3482039722540086
7685-57062-0992	24.352719	26.252665	20.27689954	0.26616465464771316
7836-57278-0468	28.577855	1.5041811	20.14259040740742	0.25065197610653794
7914-57331-0910	20.18723	-3.2741034	19.990313798701305	0.4568132392824816
6183-56210-0036	5.1613131	12.604437	19.90056186029412	0.6735014137300405
7589-56946-0614	7.060729	21.308424	20.377924066666665	0.44468863019122623
7828-57039-0118	38.118971	-0.28201895	20.677061428571424	0.09187880420589732
7679-57367-0310	17.187206	25.469882	20.686534896551727	0.12642940183538565
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Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
4265-55505-0820	36.471422	2.4224647	20.127366999999999	0.3237677198959523
7880-57336-0762	40.012192	-3.8833843	20.554101795918363	0.28481858052321657
7842-56899-0646	24.371409	2.4760131	18.766917541666665	0.11743320943208899
7838-56958-0273	31.689459	-2.37256	19.8713101952381	0.31115725802090594
7660-57357-0008	9.7430344	25.799009	0	0
7715-57364-0843	9.7450358	31.968167	0	0
7866-57002-0388	6.144511	-0.40715686	20.494770219780214	0.1726242952051883
7596-56945-0159	0.22353471	19.048877	20.004885790849666	0.36271924119707205
7624-57039-0647	15.258255	21.05618	20.51376452173913	0.16305243909607303
7893-57286-0480	25.450607	-4.090779	20.585426785714287	0.1347817112489278
7662-57358-0097	6.1471233	25.386046	19.625162138461537	1.09361524128977
4373-55811-0056	18.230785	-2.9535398	18.501419447183096	0.16189105952667274
7845-56980-0414	24.391269	-3.3158158	19.667282497435895	0.3799744677817135
6597-56304-0612	19.259828	33.331432	19.978298397959176	0.3791296659501459
6111-56270-0436	2.2844142	17.380595	19.050803412186394	0.2597394722835206
7867-57003-0580	7.0830423	-1.9168368	19.710307225352114	0.5754275874135587
7694-57359-0028	5.1840452	27.396782	19.998376793814437	0.3670748026223697
7623-56901-0435	13.522405	17.900459	20.108489574660624	0.38297908656053553
7038-56571-0968	7.9450722	-4.1952832	19.7845182384106	0.3612129146822956
4424-55532-0360	21.286024	5.8330538	19.502612968503943	0.3897382348182656
0700-52199-0284	27.594486	-0.91720727	19.433595680769233	0.3371354440525974
0665-52168-0560	28.633523	-8.8232346	18.850400000000004	0.2195017586825382
7618-56898-0476	10.686797	18.162052	19.797758430147045	0.33207959613085997
7913-57333-0662	21.306265	-2.6002865	19.92758045962733	0.2697971475891169
7617-56949-0768	11.649856	22.556567	20.142371863636367	0.7934890780985768

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Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
7861-57281-0812	20.263901	2.1880101	20.2203615	0.3562725764547151
7673-57329-0758	11.648986	26.669732	19.293641987013	0.23170191337519766
7863-56975-0404	2.3175645	-2.9318162	19.05386557986111	0.756875347753017
7638-56981-0980	27.617069	24.056808	20.358137364705886	0.24018330612922179
7154-56955-0382	10.701599	-7.8842562	19.33312368604651	0.40383497726901346
4241-55450-0366	41.822072	-0.86825641	20.040459542452833	0.3138728409029081
7831-57016-0281	34.87398	-1.5898328	20.020918421052635	0.3343060643329867
7838-56958-0450	30.666368	-3.0355342	18.747959058823522	0.16792353961114614
8736-57400-0898	31.76584	4.1241802	20.77883731958763	0.5522098155195221
1090-52903-0417	1.3004939	0.22034308	19.905886129166664	0.120671618318336
0392-51793-0006	9.8078004	-0.98582892	18.582986908805033	0.32382409218771296
7620-56904-0806	14.430405	22.332206	20.05371313197969	0.354969139271853
4242-55476-0735	43.774709	0.24633066	19.350047290322586	0.21525529491216927
4389-55539-0774	38.258253	-8.1724558	19.219363208333334	0.24585961984038587
7691-57040-0731	29.64662	27.656216	18.80869080368099	0.14183590038407595
7673-57329-0778	11.675183	25.936097	19.819268918699184	0.2907003952256174
7631-57279-0881	20.29972	22.585529	19.17420475132276	0.2590509070698359
4392-55833-0824	36.628852	-6.9954683	19.51232070168068	0.3113037483895861
4530-55564-0432	27.648567	9.7652271	19.896511286666673	0.3162542812912446
0668-52162-0507	34.912831	-8.5187877	19.423671071748867	0.19268509246158072
6874-56550-0881	13.584665	34.856475	0	0
7885-57336-0202	33.202288	-5.1067884	20.456877372881355	0.3595536883967312
7684-57286-0747	21.347503	24.848353	19.592200533333337	0.3313794519102082
7662-57358-0912	6.2287263	26.866056	20.213406685950392	0.5126877507807178
7898-57363-0505	0.3188294	-3.180623	0	0

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Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
7871-56902-0310	12.627291	-2.0289734	19.742408008510637	0.26195297302664416
6782-56572-0019	41.906267	-0.083105002	19.344695455516018	0.2955186340178872
7627-56933-0810	26.573964	19.39235	20.545022031250003	0.13963779501934062
4306-55584-0846	12.625579	2.6541925	19.973507792727276	0.38351224368182846
4276-55505-0842	23.452226	3.1591313	0	0
7590-56944-0281	6.2342423	17.62434	19.71779047967479	0.2508086390177651
7659-57060-0310	31.799861	26.545074	20.546984728571427	0.2784547963722143
7635-56979-0778	22.415596	21.837184	19.813830628169033	0.27653476152325074
7591-56954-0862	6.2379222	23.120663	18.559768976811597	0.16299182566226766
7678-57282-0992	17.278975	24.700769	19.83840075732217	0.288373260576473
6203-56266-0362	11.699393	14.24148	20.370134213114756	0.42037756414162886
7827-57278-0224	36.667582	1.4929041	20.002737488038278	0.3014425515315121
7591-56954-0661	5.281642	23.298063	19.576156540441186	0.4207741206648705
5649-55912-0330	1.3329841	12.0958	19.440914217228464	0.32816095277575213
4257-55480-0292	43.834007	1.3404217	19.013653280864204	0.21797315739950307
7631-57279-0894	20.327005	22.238602	0	0
7686-57015-0206	24.497729	26.751962	0	0
7904-57358-0901	9.8486615	-2.785849	19.73572542148759	0.5662974843222524
7589-56946-0156	8.0304851	20.082721	20.512552200000002	0.20659888774904675
4237-55478-0974	36.683492	0.55160415	19.781860120331945	0.3235524166365173
7635-56979-0772	22.427021	21.930953	19.898729369565217	0
7869-57012-0378	9.8588267	-2.2057282	19.674044730994154	0.3579199238459367
4275-55501-0394	24.50863	1.4068	18.307541988304106	0.08401227974084138
7588-56903-0458	8.0404204	17.747742	0	0
7833-57286-0278	31.826213	1.901524	20.27462288157895	0.332243399703698
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SDSS_NAME	RA	DEC	MagAve	Sigma
4401-55510-0060	33.248065	5.2792118	19.071180889807177	0.19485816081248794
7687-57007-0148	24.5136	23.263484	20.194901000000005	0.319620702625219
7693-57361-0266	7.178038	27.45057	20.041726280172412	0.25629559671393404
7617-56949-0976	12.659624	22.69555	19.938614331877726	0.31401854235528137
7869-57012-0168	10.776332	-3.423399	20.113574148760325	0.4134824067255213
5704-56187-0256	14.488862	14.31669	18.82529940070922	0.2758780645554607
7904-57358-0700	8.9461361	-3.1718475	20.134356238636375	0.29239586901483966
7662-57358-0251	5.3105959	24.813767	0	0
7591-56954-0726	5.3130475	22.445054	19.635948482213436	0.3024648486014404
7129-56569-0814	4.3341228	32.694727	19.157430322807013	0.20996561604190828
7665-57328-0058	2.4125595	22.958543	20.030872200000005	0.3234882275481639
7893-57286-0034	27.715466	-4.0141468	19.959951093959724	0.34487785118631753
6513-56543-0903	0.37100646	25.595778	20.37198662857143	0.36516593454736523
7880-57336-0836	40.309445	-3.73997	20.466902869565217	0.09376219903592029
6369-56217-0417	35.036438	-4.9848607	20.070701589473686	0.3426997152429953
7863-56975-0664	2.4211303	-0.34443487	20.401572908396947	0.18554598654057886
7589-56946-0342	7.2001206	19.838741	20.448260895833332	0.20182767443708255
7590-56944-0726	6.2943061	18.968116	19.720178584229405	0.2826143186400857
0700-52199-0400	27.730996	0.26211183	19.358892748275856	0.2197311958419477
7034-56564-0266	0.38191898	-5.1304985	19.695954214285724	0.2714266760976099
4303-55508-0910	9.8979735	4.8435031	18.892419845188282	0.17086173673519464
4298-55511-0646	2.4331426	2.302403	19.618375658682627	0.07073371652878539
1073-52649-0418	33.313408	0.64903576	20.198747678321674	0.29896987110790285
7672-57339-0473	8.9731585	24.259798	18.104528465631944	0.6777345091529992
7677-57363-0324	15.40006	26.957631	0	0

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SDSS_NAME	RA	DEC	MagAve	Sigma
7859-57282-0969	18.385232	2.1594978	19.713041021390385	0.3413530613514826
0691-52199-0367	10.812948	1.1814739	19.566094773809535	0.28967775658421785
4368-55559-0136	8.9859022	-2.4813736	19.899443205776155	0.608961898531532
7630-57006-0941	19.406416	21.372997	20.634520212121213	0
4367-55566-0476	5.3545618	-2.4343489	19.756669586206897	0.24428082734343012
7681-57042-0633	18.398671	24.663063	19.997155348837207	0.5195142092357684
7819-57280-0160	44.004799	1.8957214	20.2290773539823	0.3063816270571567
0456-51910-0068	42.076115	-8.4545177	18.960354122994648	0.24909409810264668
7893-57286-0203	26.689557	-4.5388408	19.328141521072798	0.19594817926668057
4221-55443-0857	9.0021941	0.32025187	20.410688759259262	0.29153844122637285
7869-57012-0845	10.83207	-1.4628942	20.292231139240503	0.5358794268867801
7183-56658-0090	27.773096	-10.204574	19.895472694805203	0.3514553036443176
7859-57282-0558	16.398738	2.6654994	19.869049187499982	0.489535153339333
7678-57282-0338	15.429168	23.284173	20.242846857142855	0.46323693721339726
8740-57367-0960	1.4266709	5.8644416	20.172745961538457	0.27606320479378166
0392-51793-0321	8.1152336	0.90438423	19.48659321301776	1.000496619445266
7618-56898-0066	12.728866	17.928366	20.45636885106382	0.27801770477557575
6781-56274-0652	38.479757	0.1217968	19.906173654545462	0.33322288730744554
7135-56564-0506	0.4327692	28.556911	20.043808101562504	0.3038848119518928
4260-55478-0420	38.490527	3.5788719	18.07792537724551	0.18678656740200236
0419-51879-0625	12.733396	15.012977	19.98222046192894	0.4131799709012596
7235-56603-0053	38.487799	-5.6315153	19.34188967647058	0.4975588863115078
7869-57012-0622	9.9507048	-0.63766687	20.2359411796875	0.5749277607353587
2878-54465-0026	23.567561	-9.903027	19.581107688461536	0.2550090565506001
7671-57360-0578	9.0230314	27.757326	19.35978736513157	0.18122575799312893
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SDSS_NAME	RA	DEC	MagAve	Sigma
0425-51898-0465	22.555329	14.8883	19.050741403954806	0.43843423195835113
7906-57333-0524	10.856471	-3.5309571	20.508005447368422	0.34799135839801454
7628-56978-0272	23.570761	19.114211	20.028493620833334	0.2779140470893326
7870-57016-0193	11.811255	-0.20042574	20.60080943055555	0.46690991765134854
7636-56989-0066	31.948785	22.775253	20.297174590000004	0.35455828968652503
6256-56323-0750	15.457309	29.319959	19.995193637362636	0.3362872882506556
1913-53321-0088	6.362829	-11.083214	0	0
5137-55833-0022	24.620999	15.281367	19.685035775933624	0.33468093654675873
8731-57416-0552	36.898207	4.9782565	20.51112428571429	0.43557432925041295
7914-57331-0563	18.451824	-3.4821739	20.445087199999996	0.21162124279265987
4269-55502-0994	33.40627	2.5866653	19.33847694752188	0.2561238834587169
7625-57011-0648	16.428774	22.646422	20.317038626865685	0.23268652002095713
7672-57339-0888	10.866958	24.817004	19.6071659150327	0.3029462409291644
1072-52643-0372	35.188735	1.2146715	18.865603907643326	0.16627946332795115
7892-57333-0136	28.812296	-4.4919304	20.038798733944958	0.3780285783631422
4403-55536-0766	27.818628	6.4850549	20.443868688888887	0.12350705659419552
7841-56960-0400	28.816975	-2.2236338	19.456708850364947	0.16774727415958773
7841-56960-0195	29.829967	-2.1810174	20.371338076923077	0.22628450284234303
7238-56660-0606	30.859268	-5.1723843	18.046737548387096	0.09239728730095459
7043-56576-0624	14.59592	-3.6406888	19.969630613496935	0.3818638012045633
7915-57309-0340	16.443431	-4.5613677	19.820232539603953	0.39695701976854275
7627-56933-0158	26.742158	18.585756	19.65296174418605	0.18408245649956273
8731-57416-0478	36.934705	3.9426515	18.94974652287582	0.12097340039219202
4420-55883-0792	12.771677	6.7983937	18.691850559902203	0.1540718903586529
7588-56903-0744	9.0546001	19.681807	20.142945939024383	0.2852685143998522
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SDSS_NAME	RA	DEC	MagAve	Sigma
7046-56568-0694	19.479664	-4.5907303	19.335519801526733	0.2677582963139365
7690-57046-0127	28.8348	24.266426	18.88971708708708	0.10353413884426203
7877-56898-0724	20.475964	-1.4462276	20.18189457983194	0.32045111562388895
7183-56658-0718	26.75847	-8.8609097	20.07780094871795	0.33308800173871966
6182-56190-0056	1.4819784	10.200749	19.963544756578948	0.33582813535107653
6254-56268-0674	11.840442	30.913116	19.57881217600001	0.33919661990064676
0667-52163-0044	33.46022	-10.050108	19.456504470355743	0.24041823979783583
4275-55501-0858	25.72526	2.7231542	19.811844048192757	0.29570842986530654
7827-57278-0184	36.965856	1.5205347	19.53132514814814	0.37425399902815515
7848-56959-0027	0.49096486	0.14582288	0	0
8747-57401-0669	6.4030345	4.9700803	20.029953238095246	0.2976760915279729
7877-56898-0322	20.484206	-2.484925	20.24130345794393	0.4388266548852444
4218-55479-0248	3.5045478	-1.1019941	19.831138384615393	0.3467966292277732
7687-57007-0892	24.655025	23.810134	0	0
4398-55946-0886	32.017403	-5.6879329	19.571264707423587	0.29606036664028196
7682-57415-0394	19.497183	25.531078	20.195152666666665	0.40719090396295077
0390-51900-0328	4.4757114	1.1898177	19.290119596363645	0.1858567234139174
7830-57043-0941	35.270608	2.9148565	20.37572068421052	0.8183951848777429
7588-56903-0082	10.025125	17.543404	20.08277175776398	0.374029177480251
7898-57363-0728	1.5061394	-3.2798457	20.414158954545453	0.34455291667057225
4268-55483-0768	30.907522	4.8272453	18.414849935251794	0.10079397704236218
7168-56625-0128	2.5631169	-9.9397926	19.88015704487179	0.32395584443787956
6596-56331-0166	21.573985	29.824264	19.400551237931023	0.30802195480537214
6782-56572-0381	40.562396	-0.52552501	19.694229624999984	0.19695806409825112
7879-57359-0818	42.28681	-4.2047245	18.86954708333333	1.0214230408487748

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SDSS_NAME	RA	DEC	MagAve	Sigma
7625-57011-0490	15.524914	21.811215	19.623860292263622	0.21651259093483285
7871-56902-0277	12.818251	-1.7388721	20.37871187628866	0.3490340027778815
7845-56980-0114	25.765623	-2.2616123	19.629420196078424	0.31872162744505655
4312-55511-0036	19.542249	3.6740823	19.621194930041156	0.3215842272599397
7681-57042-0690	18.542767	24.144381	20.527870181818184	0.38694573636896534
7051-56574-0971	28.899672	-4.5706175	20.135586551282053	0.34710380431313703
8740-57367-0804	0.54789984	5.9883805	20.27685404511278	0.19932437520081567
4263-55484-0920	38.682174	3.0876267	19.587383472527467	0.3153497517452739
6877-56544-0006	2.5873143	25.742642	19.858325926315796	0.24548565483447396
7588-56903-0430	8.2300523	18.27876	20.212159912751662	0.3176625526127392
6782-56273-0323	40.595649	-1.257695	19.915051424778756	0.3859038477681729
7638-56981-0253	26.840662	22.657579	19.404003226027378	0.22601135298648162
7632-56987-0890	30.951345	20.937209	20.24440145108696	0.31711531988575314
7842-56899-0316	24.730127	1.9031142	20.294733266129033	0.32654821499990266
4310-55508-0842	22.687792	4.3994382	18.79976423209169	0.2147526653165182
0699-52202-0143	26.857673	-0.45448502	19.205830704626347	0.17762226392639835
7664-57367-0571	1.5616972	26.0223	20.04100148387097	0.7808035353769514
0662-52147-0369	22.704313	-8.5202882	19.297892726907634	0.4140609902286512
7663-57328-0318	3.6033016	23.687244	18.753697837748337	0.13145090188367425
7843-56902-0969	26.870522	0.23179187	20.1766862	0.3036454411758697
7681-57042-0339	18.581568	23.210376	20.679805750000003	0.16069341328651907
7661-57286-0904	7.3855879	25.069642	19.877660379432616	0.2723518136962902
7867-57003-0375	7.3862119	-2.689612	19.45710593181818	0.34176320832357704
4312-55511-0582	17.559494	5.133939	20.256280590697674	0.2737452540212839
7678-57282-0104	16.557347	24.047876	20.503543966292135	0.24289940038376387

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SDSS_NAME	RA	DEC	MagAve	Sigma
6597-56304-0644	19.594008	33.49417	20.129176500000003	0.29851595558466715
7862-56984-0905	2.6283799	1.3676174	20.350306139830504	0.28941335350404085
7661-57286-0710	6.4976943	25.068552	19.05030040243904	0.15123522206493134
7826-56931-0336	40.6628	-3.3273971	18.972458370000001	0.18034752366124995
0419-51879-0336	10.09904	15.658116	20.221794493150682	0.19449342845955184
6186-56246-0438	6.5070175	17.841185	17.955050401812674	0.057407875532466436
7660-57357-0782	8.2681024	27.070681	19.87632837198067	0.31799526703623493
7904-57358-0742	9.1537858	-2.565663	19.5412417734375	0.40383571044377364
4556-55912-0681	20.593054	8.1838269	20.141896815561967	0.27249468258230586
7620-56904-0362	13.831922	20.645195	19.737796359060397	0.3686341037641419
7620-56904-0349	13.832109	21.943981	19.581144337047352	0.29344617685772173
2067-53738-0622	38.780393	-7.99234	20.149038114864858	0.3557166561339395
7912-57310-0603	13.833374	-3.1238953	19.751815097402602	0.26302366243842545
4312-55511-0790	18.60506	5.2236027	19.34408942708334	0
7665-57328-0845	1.6009736	24.300132	20.610573291666668	0
1899-53262-0222	25.837372	13.408271	19.965907114814822	0.2971997155299642
7626-56934-0056	29.994605	17.923798	19.86658505164319	0.26418386099586694
4226-55475-0887	17.589544	0.51062701	19.733776486274518	0.23863214986171732
4423-55889-0131	17.590083	5.0299816	19.27279456763284	0.34376781353193975
7594-56947-0628	1.6132816	20.622091	20.026402435294123	0.3647915851302642
7838-56958-0418	31.015297	-2.7616329	20.11268013571428	0.3707400431784997
7622-56987-0220	17.592221	17.758904	19.74287826744186	0.35069912819160554
7721-57360-0200	14.733732	30.082287	19.962339423963144	0.3837923419796774
7661-57286-0719	6.5318826	24.735706	18.860006337175772	0.15497766558395284
4403-55536-0436	26.928974	6.1617614	19.02599713821139	0.16994369760774544
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SDSS_NAME	RA	DEC	MagAve	Sigma
7866-57002-0863	7.421685	1.1594897	20.268038786982245	0.19081653604581722
4229-55501-0136	22.766346	-0.71450701	15.998399738562096	0
8753-57373-0180	14.748792	3.369358	19.658322984025542	0.3276230925494468
7659-57060-0515	31.037412	27.558442	0	0
7674-57359-0417	11.978248	27.188505	16.225731868421043	0
7834-56979-0419	32.183612	-0.92832655	20.51967695833333	0.4288485375963899
7617-56949-0180	11.984889	21.490225	19.457763127388517	0.49071581346359683
6593-56270-0923	16.613872	32.953924	19.41774682380953	0.2915113707207763
5122-55841-0598	24.830494	17.856163	19.509864741007206	0.23958687041848242
7838-56958-0862	32.202227	-1.1116147	0	0
0455-51909-0183	38.884201	-8.5146337	19.35192096396396	0.2778047772105317
7636-56989-0957	32.207963	23.576373	20.05290995238095	0.558791323728763
4315-55503-0778	18.667591	3.4174723	19.901937982062776	0.33597622045621817
7694-57359-0248	3.688346	27.057696	20.482728385714285	0.21522660133446578
6192-56269-0178	8.3347043	15.690278	0	0
7879-57359-0509	40.828028	-4.437932	20.386340740740746	0.3505690420163121
7684-57286-0009	22.81589	23.467673	19.93553547963801	0.3394100591270334
4388-55536-0714	37.278164	-5.1959336	19.941734013953486	0.3216069253122217
0406-51869-0252	35.551829	-1.0512972	0	0
7893-57286-0672	25.919028	-2.9714974	20.26982075700934	0.41221696242763645
7630-57006-0208	18.683328	19.745795	19.851957532258066	0.36394939531129394
7863-56975-0079	3.7036604	-1.749683	20.651321208333336	0.2621559451571085
7630-57006-0276	18.684235	20.166871	0	0
0430-51877-0072	29.034115	13.514136	18.485705621809753	0.1026057098098896
7665-57328-0104	1.6899977	23.118477	20.290785082474223	0.2603539568825116
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SDSS_NAME	RA	DEC	MagAve	Sigma
7588-56903-0817	9.2475869	18.534363	20.056631055555556	0.6468439361748871
8745-57391-0648	3.7155781	4.0875696	20.028088056179783	0.2077526798166232
0454-51908-0532	37.298247	-7.8779891	19.276585904214585	0.25250859855615354
7591-56954-0777	5.641819	22.069047	20.25671475968991	0.305446653965506
0429-51820-0635	28.069668	13.859683	19.22457443532338	0.19723662160178118
7672-57339-0406	9.2542218	23.196123	0	0
7626-56934-0972	30.073989	19.404799	20.510345944444442	0.26804059639290256
7635-56979-0601	21.768577	22.305791	20.271711735849053	0.30391250742801057
4372-55541-0652	14.82083	-1.9769016	19.53753672995781	0.24707142838311152
7858-57281-0729	14.822232	2.3711083	20.300275805031447	0.3453960254896462
7671-57360-0386	9.2734547	27.351613	20.14193125352112	0.45729767210433503
7630-57006-0622	17.702335	21.152957	20.478343389473686	0.3209136171638775
7854-56989-0103	6.6221111	0.79154566	20.62776023200001	0.05637152054763301
6196-56189-0888	9.2745624	13.08971	19.232908874213837	0.25619720694470954
7051-56574-0460	27.034828	-5.4646738	19.323836281853282	0.24683432964605573
7627-56933-0310	25.961615	18.385704	20.337989596774193	0.3511801238130841
7871-56902-0248	13.022757	-2.6605925	20.370741910714287	0.4999666110977799
7835-56986-0715	33.861027	-1.4480227	19.642032765690377	0.440306550112205
7818-56989-0818	21.811057	0.28065565	20.407127076086965	0.38691467228596804
7853-56988-0669	2.7960062	2.7625174	19.731890285714286	0.12107136772558606
7838-56958-0132	32.311787	-2.9955462	20.161013883561647	0.3993270734677978
0656-52148-0559	12.074536	-9.7104935	19.46239729787232	0.25695792715624305
7904-57358-0418	8.4067038	-4.6154792	20.17901035483871	0.7983213541267357
7616-56902-0916	11.13451	21.333913	19.068532485333343	0.15644317211419825
7673-57329-0479	10.23667	25.899945	0	0

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SDSS_NAME	RA	DEC	MagAve	Sigma
7632-56987-0682	30.130863	21.119473	20.30715090350876	0.13743380672051092
4667-55868-0198	18.768469	11.590107	19.058813589189192	0.24545496063164773
7861-57281-0698	19.744619	2.0173261	20.16590045833333	0.03572377189548113
6278-56266-0801	13.968709	26.770798	20.581366578313254	0.28258517180555476
4217-55478-0284	1.7735043	-0.39768127	20.010234059210532	0.08546033152321199
8729-57399-0548	41.000602	4.617258	20.285505941860468	0.354619241599738
7831-57016-0539	33.932807	-0.21043468	19.809949104761913	0.3485829353279037
7637-56933-0437	28.148046	22.852668	19.513105255395697	0.28369169256951215
4222-55444-0949	11.156355	1.1222403	19.926559875000002	0.3817703113712455
0403-51871-0072	30.145736	-0.35718342	18.65703790229886	0.21877203681135493
7892-57333-0491	27.086075	-4.2131478	19.081457884169897	0.2118454856868051
5122-55841-0186	26.012731	17.450882	20.474826679999996	0.32433879096716345
4219-55480-0352	4.7265776	-0.10363661	19.724600390977447	0.6245256339772481
7871-56902-0770	13.07451	-1.3101875	0	0
4350-55556-0406	24.981782	-3.1811103	0	0
4548-55565-0556	22.923835	10.687577	20.173534179032256	0.18686829108413386
7876-57002-0144	19.778104	-0.48767854	20.431694166666666	0.38540443130931434
6191-56248-0590	6.6784532	15.808628	19.915430971223014	0.324330395191784
6271-56304-0524	28.179848	30.286263	18.974562614035086	0.1750985412848317
7891-57332-0330	30.165712	-4.9564646	19.06929889347078	0.1235988313625653
6513-56543-0948	0.81161952	25.537484	19.832733308510633	0.4340276976667665
0662-52147-0412	22.943496	-8.6844928	19.172599808219193	0.24302496473143134
4391-55866-0831	35.732887	-5.2310489	17.967075511764694	0.39392115520029375
7593-56958-0066	3.812517	21.231798	19.798094774809147	0.2629337630016012
8747-57401-0276	6.6916627	3.7707009	19.51190540685228	0.33107895244070473
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SDSS_NAME	RA	DEC	MagAve	Sigma
7620-56904-0898	14.901173	22.230825	20.455666008333335	0.35193228774656066
0658-52146-0341	14.013709	-9.7528894	18.761759859016397	0.2595188376456235
4541-55882-0050	10.291714	6.6324967	19.11895154892601	0.3028822570376148
0709-52205-0259	45.04712	-1.1120785	19.594604954716978	0.3322688991635278
7915-57309-0744	16.789744	-2.6146449	20.25881039506173	0.3808712947216056
7630-57006-0030	19.811422	20.134275	20.581318298701305	0.16918459440534908
7869-57012-0238	10.296678	-2.8202907	19.667475418367342	0.33346736654057524
6177-56268-0240	0.82645321	14.059526	19.992974655172407	0.23711085615602795
7688-57360-0874	26.067658	26.439236	0	0
7588-56903-0820	9.3690445	18.480232	19.91034262711865	0.26804682540278124
7631-57279-0966	20.824819	22.273665	19.92450036046511	0.4675588731591871
7857-57278-0520	11.225648	1.9603703	19.16293781443299	0.399433100531829
0419-51879-0130	11.229842	13.968752	19.413493963114757	0.3443313290672443
4240-55455-0882	41.1314	0.62357406	20.347708173076924	0.49678009773637677
5704-56187-0502	13.128131	15.574448	20.12642935135135	0.5500328211939716
7835-56986-0722	34.075716	-1.604531	20.343842856115113	0.36302286159885766
5124-55894-0468	14.926756	18.369574	20.160637029787228	0.2647393310840147
7875-56980-0335	17.838951	-2.6346161	20.322835933333334	0.8338660623331381
7826-56931-0204	41.142386	-3.6286393	20.47576251470588	0.3400882118320724
7855-57011-0043	9.3944156	1.3012719	20.011425744604306	0.2773523447029139
7688-57360-0348	25.05757	25.362728	18.216521250814335	0.16454428714127106
7824-57282-0147	39.276534	1.8210698	20.285363079365073	0.35418465578698743
4306-55584-0554	11.24743	2.9174712	18.845087933797913	0.35134019967985414
4275-55501-0258	25.061087	1.6291414	20.231809761904767	0.35717446991047397
4391-55866-0866	35.838287	-5.107446	19.16864082116788	0.24821123297712272
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SDSS_NAME	RA	DEC	MagAve	Sigma
6287-56221-0734	11.26152	22.451245	19.416483886904764	0.3126431432712037
7636-56989-0208	31.292695	21.555096	20.630566328358213	0.14509138273408725
7821-57279-0192	41.189868	1.7661667	19.884763226720658	0.34001640779093706
7674-57359-0050	14.059595	27.055114	19.493439165662657	0.2559190688818801
5131-55835-0044	17.871373	14.414641	19.80229586440678	0.29973417392277146
7660-57357-0038	9.4221519	25.887045	20.156086590909094	0.3628482374276917
6201-56186-0941	10.350955	12.022415	20.105433316129023	0.28733830347202355
7843-56902-0770	26.13502	0.10058077	20.59764754545455	0.27010468925159103
7661-57286-0798	6.767903	24.863695	20.086051402010053	0.359721377490892
0709-52205-0567	46.030572	1.2211274	19.30028490233545	0.42943639398644834
4398-55946-0525	30.262254	-5.9720106	19.993109609625662	0.369198257544354
7619-56900-0234	13.172874	20.001149	19.37438926486486	0.2740848901295105
7891-57332-0301	30.263363	-4.5697638	20.09154642384106	0.36041776214052257
0664-52174-0469	26.14372	-8.7333216	19.358305901785716	0.23843256153974446
2399-53764-0561	39.341229	26.145602	20.083191959276004	0.2539459483034013
7589-56946-0964	8.5449147	20.850216	19.27758719375	0.27340550961654997
0421-51821-0205	14.974746	13.707099	19.66680559358291	0.6011926190125465
7637-56933-0810	29.244226	23.284277	0	0
4219-55480-0130	5.828488	-1.050275	19.60294325	0
8745-57391-0689	3.9032954	4.1694383	19.314624926940642	0.406379593006512
7665-57328-0721	0.90679204	24.326798	20.331422215189875	0.37923246428475327
7827-57278-0652	35.918304	2.155579	19.85551563302752	0.35365916996554897
7042-56573-0734	13.191015	-4.6850734	19.909314042780743	0.3697494174446772
6605-56565-0116	31.332965	31.443925	20.20002516346154	0.22908172289076215
7856-57260-0785	10.379283	2.8229241	20.556938167785233	0.18645402879137177
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SDSS_NAME	RA	DEC	MagAve	Sigma
7676-57329-0845	14.987696	26.63404	20.708229956521745	0
7663-57328-0724	3.9186482	24.505243	19.01331203020135	0.23202516001737547
7672-57339-0953	11.301828	25.163781	20.46564684000001	0.33154717997124067
4224-55481-0858	14.094858	0.248572	20.04829058490566	0.5180604119864661
7624-57039-0967	16.868477	20.575006	20.030243249011857	0.3674727543298101
7844-56982-0527	26.170896	-1.4005361	20.05172284571429	0.24376354338844078
8732-57418-0187	35.948673	3.8312411	20.005567418269244	0.5670393149463788
7859-57282-0180	17.916863	1.4817804	20.15926880368097	0.33406957614339394
7626-56934-0396	28.307105	18.497746	19.58553101010101	0.4527810364978082
7665-57328-0066	1.9441808	23.18452	20.09704055371901	0.4571146311848095
4226-55475-0425	15.901696	-0.9190677	19.67901734241245	0.2610282481785987
7721-57360-0894	15.002425	30.383861	17.84729563009405	0.06454122763760482
4416-55828-0087	3.9369659	4.4785334	20.257597379487173	0.21360765425252234
4272-55509-0970	27.252679	4.4067418	20.26105250862069	0.3782583154529839
7842-56899-0983	26.180222	2.4649282	20.336861280303026	0.3616994810760463
7892-57333-0969	29.277115	-3.5739086	19.771300328282823	0.3938772247389083
7617-56949-0468	10.398331	21.945076	20.0080337745098	0.34247866280794065
7671-57360-0844	10.399846	28.371861	18.108607970394743	0.06851261760215473
7836-57278-0886	30.309546	2.392581	19.03118473900294	0.22873237304602065
8753-57373-0300	14.11179	3.451113	19.639429588679235	0.3434955794014769
0702-52178-0527	32.610105	0.86716745	20.175290936842114	0.4170638147873489
1083-52520-0303	13.237148	-0.28588218	18.35519273118279	0.11204051992223764
2327-53710-0402	8.596025	8.367569	19.352649808383227	0.24400099419241564
7661-57286-0422	5.8792246	23.816177	20.249530324675312	0.3500844105174543
7591-56954-0978	6.8260209	22.133882	19.951242290566036	0.22333117087652254
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SDSS_NAME	RA	DEC	MagAve	Sigma
7621-56985-0802	19.928307	18.72331	20.17692028703703	0.23222351379040315
7829-57011-0126	39.485179	-3.5732287	20.02544995544554	0.3699057567064333
4539-55865-0146	7.6978105	6.7952895	19.008588511221948	0.2524917230925007
7637-56933-0644	28.351062	23.342227	20.371757487179487	0.17893340007913822
7822-57041-0386	41.329849	-1.4188596	20.115059225	0.21764092122532078
0710-52203-0160	47.677763	-0.33586837	19.439314480916053	0.33393958922161354
7154-56955-0258	11.353784	-8.011123	17.815573382550337	0.24215996349315183
7672-57339-0379	9.5033025	23.738389	0	0
4217-55478-0575	0.98015699	0.204601	19.857424522580654	0.2998709166146761
6265-56248-0034	24.100199	28.915219	17.338174756249995	0.06662388206026836
7592-56947-0355	3.9723144	19.901793	20.003305450000017	0.21525010790162258
8732-57418-0188	36.043676	3.9104792	19.224639710810813	0.20361773403326516
7040-56574-0992	11.361337	-4.5215834	20.26263886842105	0.45484590110146256
4369-55827-0994	11.361724	-2.0971821	18.970330424749157	0.2956869787501356
8729-57399-0426	41.359623	3.5883791	19.86014776315788	0.342573084777274
4658-55592-0758	26.241463	14.368057	18.97149755522389	0.20654077716337813
7595-56957-0060	1.0073006	20.788118	19.970111591954023	0.19808073972625811
0430-51877-0608	29.333463	14.914514	19.33559666951568	0.2076891037825643
7693-57361-0724	6.8658739	28.089706	18.749015538216554	0.12206341631436377
2824-54452-0157	1.015221	27.722187	18.80255186181819	0.06003867026366219
5138-55830-0724	19.019506	15.681829	20.338366000000008	0.29743953761199654
7626-56934-0661	28.390908	19.972206	20.128585656862747	0.32839057230056956
6173-56238-0682	1.0165922	18.315911	20.164792564516127	0.25149063266936755
6780-56605-0490	36.11599	-0.435841	20.289342306451616	0.3409235093584943
4217-55478-0593	1.021256	0.83872802	0	0

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SDSS_NAME	RA	DEC	MagAve	Sigma
7042-56573-0110	14.180215	-4.9165585	18.504691944751386	0.794665098513831
7674-57359-0186	13.304271	27.595622	19.413218904907975	0.13994404706763397
7885-57336-0684	32.706361	-3.3762123	0	0
6180-56301-0030	6.8900268	19.419603	19.116479102040817	0.21055984470339123
7843-56902-0194	26.274442	-0.23365975	0	0
8729-57399-0421	41.410968	3.5319216	19.97207668032788	0.30076685929740377
7632-56987-0792	30.396125	21.48182	20.265477537974675	0.236845276910648
7677-57363-0622	15.085684	29.231267	20.194063510067124	0.36492362472479795
7627-56933-0470	25.234517	18.31919	20.613198868421055	0.14352930549804396
7718-57362-0042	12.361859	28.788091	17.462987383870963	0.047186986414028534
7842-56899-0185	25.244852	1.5123702	19.81354304128439	0.35940701151706406
7721-57360-0898	15.090186	30.161943	20.14412546511627	0.2835239872560525
4552-55884-0572	21.052263	10.039409	20.651580480769233	0.2797820500033308
7898-57363-0138	2.0547938	-4.6280438	20.181805	1.4181983829001719
7659-57060-0094	32.766968	25.789525	20.524704277777783	0.3466711827039695
7914-57331-0115	20.018459	-4.3180687	20.493168968253972	0.1927145602624807
7841-56960-0724	29.385718	-1.5471075	18.9247674664311	0.1326147406765842
8731-57416-0268	37.900093	3.7926581	20.039915084000015	0.32375348507046264
7678-57282-0968	17.009433	24.455427	19.894745339622634	0.3260790113515793
0543-52017-0614	119.47032	37.222417	18.903296939732133	0.11458490471689857
1306-52996-0011	149.05234	9.1921726	19.038478891262123	0.18015909246067552
3759-55236-0368	124.03006	34.74508	20.1336117877551	0.27496109648044503
4841-55895-0716	125.08083	6.9008273	19.860782764150922	0.23733134406179637
0859-52317-0020	119.49556	27.517412	19.234439754455458	0.1322210703414075
8831-57448-0806	139.3763	39.624967	0	0

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SDSS_NAME	RA	DEC	MagAve	Sigma
0711-52202-0547	50.123972	0.11387735	18.579427511976046	0.16539769753849903
7305-56991-0132	138.62928	48.178365	19.58918152173912	0.2628365036834619
2286-53700-0096	137.86657	19.090017	19.392978688888888	0.22589533418090998
8277-57073-0400	119.53128	43.88684	0	0
5291-55947-0882	133.83989	11.134424	20.26378727433629	0.454928005033835
4643-55946-0814	137.87968	38.289636	19.678163211480356	0.2660318163411688
7284-56683-0380	149.07651	45.441069	20.280732525773193	0.3826582424285851
1933-53381-0462	133.84012	26.031247	18.900753614255766	0.12744737735700912
5148-56220-0494	128.76582	58.254404	19.65910873043478	0.30278830137731616
1211-52964-0116	135.43209	34.709073	19.14179047935781	0.22208572905594418
5309-55929-0764	141.7376	9.0250779	20.112289593023252	0.11153097455552642
7283-57063-0684	145.03987	55.197234	20.458887333333333	0.30290747394420475
3755-55504-0544	119.56486	31.840466	19.920686889784935	0.27897153220285303
6375-56323-0120	118.08429	43.711603	19.484421216494848	0.3905437990725614
2277-53705-0306	128.77355	19.470438	18.81821137951809	0.2555938049965524
3812-55513-0558	131.38076	0.039418771	19.537680443137255	0.2354819666449632
0446-51899-0594	132.21799	54.542764	0	0
5793-56337-0536	148.29669	34.393229	19.45428768595042	0.33852078876613284
5304-55925-0016	140.94507	8.3586672	0	0
8827-57444-0310	126.99331	39.096329	20.601159512195125	0.22615084304104527
5185-55978-0276	131.38843	31.303591	20.18142307468879	0.20062840356573153
8306-57419-0402	114.23558	44.73651	20.424792843749994	0.15652346353260937
1005-52703-0366	146.71325	49.78432	17.83148977433629	0.058237277989123454
0433-51873-0370	116.43752	39.45023	18.98295364655173	0.36283176595101263
1780-53090-0493	121.96306	51.002874	0	0

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Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
8830-57447-0644	135.455	39.901004	20.40653134146342	0.272650548340189
4466-55857-0758	118.13468	25.167626	19.376561179265668	0.20298715122056307
7379-56713-0861	121.97172	47.156823	20.317517155555555	0.530239995286735
1872-53386-0412	123.05864	57.136994	19.044967587096764	0.34730439613350444
8860-57458-0130	135.46032	36.314617	19.99987386378737	0.30609742794551076
7289-57039-0488	136.29848	52.307725	19.943091684848483	0.2400324653338347
7299-56686-0690	147.5281	48.466762	19.584705600000001	0.28805073566433953
0569-52264-0017	145.06676	2.9816192	18.01707076243094	0.21008248450662526
5308-55976-0886	141.76451	13.153951	18.88282304328357	0.3218097431979721
6381-56353-0305	127.01157	43.606244	19.69110706859207	0.25501703550129623
7307-56720-0329	141.76695	46.80316	20.52876731578947	0.37660381628071626
1064-52577-0484	51.446048	0.32928999	19.95686635887096	0.33452326189182274
5709-56571-0242	132.23853	60.04596	18.884362493333324	0.2041680053350452
7319-56962-0684	127.92785	48.731959	0	0
4471-55617-0690	119.62815	22.854053	19.80541535487078	0.2917645745649731
4499-55572-0644	121.99371	15.645453	19.26618439964477	0.1645106535790191
7320-56722-0458	129.65965	46.5896	20.401027407999994	0.20942038151898398
0480-51989-0482	146.73985	1.9472268	19.83346465734267	0.2919569144114956
8169-57071-0054	129.6623	57.148681	20.005551045454553	0.34775687897827223
5323-55957-0434	147.54386	12.2773	19.105177873684195	0.29230686232792275
3759-55236-0364	124.13084	34.829873	20.585233270270265	0.32663386452560667
7307-56720-0182	144.23923	47.121446	19.340935076271187	0.3180203337601611
5317-56000-0590	144.23975	18.045181	20.20967398139535	0.3201904079656257
2424-54448-0435	127.03557	11.831331	19.17605498058253	0.16416284537735787
7276-57061-0752	132.25254	55.698846	0	0

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SDSS_NAME	RA	DEC	MagAve	Sigma
5788-56255-0570	145.09314	24.872057	18.741388741514363	0.09531282294703224
5312-56001-0898	143.40628	17.100492	20.130376778546694	0.46741140041175017
8831-57448-0088	140.23778	39.055413	20.364783566844917	0.2592857656416758
1924-53330-0625	124.1484	21.252805	19.585173121351772	0.2258524669884212
4442-55532-0934	127.95621	33.997146	20.14965619658121	0.3584393563697487
7374-56751-0504	127.05172	56.218356	0	0
1217-52672-0435	149.1388	42.311866	19.076262131498464	0.38555579326441736
5286-56225-0518	129.69006	17.482207	19.639265334795336	0.32670128643966234
7287-57042-0202	146.77092	51.018129	19.738356773722632	0.4132246116325466
1270-52991-0322	131.43791	32.193202	20.052411011527386	0.27936317462088944
8294-57365-0440	127.06116	41.345626	20.305701119999999	0.3051116171213411
2360-53728-0231	141.00686	18.302682	19.213488998211083	0.21550626836120407
5719-56014-0714	148.35389	60.801082	19.73437317431192	0.2566152651323448
2280-53680-0270	131.4453	20.423021	18.587264749999998	0.1191272628228274
8280-57061-0366	128.8449	42.716203	17.30534452806653	0.22772794761783613
7295-57067-0733	136.34522	52.270381	19.792686204968945	0.3588883000529676
7309-56991-0964	126.139	51.163758	20.313637499999995	0.27322838260242277
5311-55956-0292	142.60383	9.5759293	20.478790888888902	0.2373142369218144
8859-57452-0174	132.28226	36.491082	20.19174171052632	0.3495270302154744
3672-55484-0084	118.2535	39.915481	20.058009729007644	0.3525436797753967
0993-52710-0226	145.11643	5.3832029	19.025248215568848	0.23840887861246873
5160-55895-0702	128.85492	48.448964	17.80227046037736	0
3755-55504-0550	119.71558	32.085522	19.71174340065145	0.3503068493300771
8858-57450-0393	127.98407	36.755118	20.610508757575758	0.33574341808119706
7315-56685-0040	142.61081	46.201597	19.36579039361702	0.5476421968820495
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SDSS_NAME	RA	DEC	MagAve	Sigma
0554-52000-0266	139.49134	52.675196	19.11139063983051	0.13023756534837408
2291-53714-0240	139.49486	24.359946	19.207394855203635	0.24101257381740188
3823-55534-0706	141.02574	1.2259758	19.77175510064936	0.3356066755125005
3813-55532-0642	132.29739	3.1349028	20.295431480916026	0.32600669399360305
8169-57071-0314	127.08976	57.529298	20.018017511627907	0.19883564813441942
2285-53700-0562	136.36559	20.678126	18.749064141592928	0.14239304005539416
0759-52254-0472	123.14777	39.290303	19.39900697368421	0.25715055627269623
8857-57449-0657	125.22307	37.253913	19.10999184197529	0.19031142380168603
2574-54084-0371	132.30148	11.427346	19.550127727272727	0.21922894070762233
0501-52235-0313	149.95581	2.0280977	19.139547178160914	0.13223703936811718
5716-56684-0142	145.13866	59.409354	20.38778327272727	0.2880790635444768
7517-56772-0165	139.50584	45.12639	20.103391917647055	0.403314633123852
4762-55888-0180	126.17824	3.6069984	17.641491566037725	0
0566-52238-0359	135.52751	3.3574459	18.79083983028721	0.21718363973902738
8858-57450-0601	128.00538	37.534335	19.604529753424668	0.9611255437737282
0555-52266-0585	144.2955	55.265755	19.89885015436241	0.3265591767405427
0870-52325-0231	141.84201	43.625876	18.41594146036586	0.04342883394638082
1591-52976-0093	137.99459	31.507358	18.73879926789839	0.1672593559959798
5783-56017-0658	145.96661	19.2321	19.77799471223024	0.28790740706165446
7293-56741-0304	130.63592	51.829286	0	0
5297-55913-0756	135.53566	18.067131	18.01784884824903	0.05225610557312297
7279-57071-0844	135.53752	56.490074	20.63282933333333	0.10557105179243752
7310-56693-0064	128.89129	50.273562	19.251008008733617	0.4792800749074454
0461-51910-0506	53.353497	-6.1676264	18.63802421478874	0.13879685084677867
5321-55945-0256	147.62108	10.141758	20.049215618911152	0.4304059854546159
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SDSS_NAME	RA	DEC	MagAve	Sigma
5785-56269-0272	147.62467	21.103075	18.84104506857144	0.1610776424904654
3806-55505-0714	124.24139	42.04325	19.91419839622643	0.2607771791295225
7280-56709-0763	123.19583	57.15876	17.9425204011628	0.02421755105401083
2420-54086-0390	122.11822	12.334206	18.441480636363643	0.10124101531544746
1939-53389-0497	141.86853	29.584359	18.682132303797456	0.15504939255646796
5303-55980-0932	139.53832	13.36001	19.532905531313116	0.29706243732040544
8301-57390-0542	148.41782	41.918435	19.982123424528304	0.22885023012661118
1273-52993-0337	137.21156	35.199458	19.36795123404255	0.25024342005615785
7515-56781-0370	133.99232	45.955945	20.028957310810814	0.24139171908726786
5301-55987-0090	138.77285	16.177567	19.23433354323001	0.18327183679343642
4527-55590-0720	121.01747	51.280943	20.198304210000007	0.3327716613110402
3810-56015-0026	132.3522	1.7869751	19.365706006042306	0.21967069587871285
0483-51924-0367	133.17538	57.732775	18.936643474025974	0.1955139296177936
0474-52000-0164	141.08088	-0.44050599	19.240336202941176	0.20655278051060605
3761-55272-0343	126.23117	39.278305	18.210157227817746	0.19162055478533896
8861-57459-0937	138.78408	37.466543	0	0
3679-55209-0370	118.39385	51.39544	18.280958886861313	0.08347416067550721
7515-56781-0548	133.17808	47.779867	19.537926256983244	0.3360697619072713
7292-56709-0750	146.86152	50.895489	20.13778917543859	0.35681396148410177
8277-57073-0154	121.04036	43.714764	19.6126205621118	0.2543928814575073
7375-56981-0340	125.29385	55.534944	0	0
0461-51910-0631	54.362031	-6.3373377	19.380735465909094	0.2929392990698731
2575-54085-0542	135.58993	11.688963	18.996821906183353	0.18532626918205408
7284-56683-0354	149.24891	45.880846	20.008323862745094	0.290038176442464
0545-52202-0368	121.04972	41.360683	19.22311228676469	0.19324596230610308
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SDSS_NAME	RA	DEC	MagAve	Sigma
0551-51993-0490	134.0123	50.522188	19.414446257575758	0.2771373054227808
0480-51989-0581	147.66604	2.1698171	19.209154773134337	0.1854451824157183
7449-56740-0840	144.35993	47.93955	19.89642413793104	0.3721654171657173
4762-55888-0916	126.26036	5.3861378	20.245067316546763	0.29157457570926787
7328-56715-0071	125.30699	45.848427	20.559481716049387	0.13532425309979657
3817-55277-0647	135.60543	4.8008437	19.704145611888123	0.38136614978418404
8830-57447-0685	135.60385	39.706049	20.17123967647059	0.3673485726182211
0450-51908-0424	135.60893	55.302047	19.016772866666667	0.17780498717713378
4529-55563-0632	122.18549	54.933975	20.025289693548395	0.3256020782066639
1275-52996-0111	144.37489	36.498573	18.779275744897962	0.2590746050332219
7287-57042-0064	147.68215	51.836908	20.183797496296286	0.3111299106968611
4496-55544-0304	127.20983	15.583361	19.07387642492493	0.40169189031544
8291-57391-0317	118.48635	40.622648	19.943283468354434	0.2177680436699876
0565-52225-0568	134.82141	3.9835788	19.498219489296645	0.272618412049363
0564-52224-0098	131.57041	2.4497597	19.26484078947368	0.22309220717499026
5296-55922-0475	134.82337	10.462188	20.426534836065574	0.23052935458168916
0462-51909-0479	55.114924	-6.2109494	18.898134118055548	0.2636383934083977
8852-57449-0120	148.48491	35.958016	20.419347027777775	0.4984326735380379
8299-57346-0292	143.57241	40.746283	20.141185452488692	0.3416999781383111
7516-56782-0708	136.47456	47.416977	0	0
3754-55488-0118	119.94298	32.997347	20.388536759259257	0.26911473963018456
1273-52993-0615	139.60867	35.212006	18.361147671844662	1.2161327734347371
3827-55565-0038	148.49238	0.019494856	0	0
7283-57063-0932	146.91484	54.982475	19.725161910714295	0.4055974004380459
0481-51908-0547	148.49384	2.3813325	19.905300818181814	0.35954718364367594
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SDSS_NAME	RA	DEC	MagAve	Sigma
8298-57390-0706	140.38321	42.846051	19.542946851063835	0.299339991457473
7373-56990-0059	133.24003	55.657505	19.761015734848492	0.283762123506269
3684-55246-0418	119.95307	48.828353	20.33254608333333	0.27986502279176
0451-51908-0305	138.08854	56.089849	19.404084294871797	0.2072565767735667
0769-52282-0239	146.92096	53.726671	19.340311693333323	0.49943577512003406
8197-57064-0131	136.48472	58.557977	20.253449176470582	0.30309087178841837
1941-53386-0528	142.74685	32.905235	17.99878363470319	0.1505251761468304
6381-56353-0992	129.00384	44.604417	0	0
6379-56340-0865	124.37146	44.995833	0	0
7288-57039-0248	135.64898	52.860622	20.39566797916667	0.25539860327154834
0541-51959-0499	114.92942	33.210703	19.205157983293564	0.28396063011005
4735-55651-0024	141.95854	2.096592	20.19600133093526	0.3615588475157948
4794-55647-0803	129.01107	3.21767	20.255484926470594	0.3899078867071944
2424-54448-0612	128.13811	12.734685	19.368944106598985	0.16911403003565093
0827-52312-0494	127.2553	37.301697	19.375540851116636	0.24916874618420567
7297-57040-0281	141.96441	48.945966	20.252771328125007	0.17954160076261322
4454-55536-0550	128.14483	28.868309	18.992812320312485	0.18042564346430393
5302-55896-0915	138.86687	11.384543	19.01158775941423	0.2030413647339026
2282-53683-0546	134.85436	21.938925	19.121265144160574	0.18575535368098453
4868-55895-0620	134.85455	6.3573498	20.010021945945955	0.32231097475940834
7283-57063-0085	146.94586	53.872448	20.332097031249997	0.5904381315034158
0444-51883-0002	129.88889	51.963842	18.719578905172423	0.09775529351047584
3667-55566-0666	114.9879	38.000424	18.834502924528312	0.16784289973400712
5494-55857-0814	121.16124	8.7701461	20.003416187500004	0.24874958429898977
0769-52282-0507	147.73984	54.488739	19.25111483431953	0.5178676477655536
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SDSS_NAME	RA	DEC	MagAve	Sigma
7279-57071-0942	136.50708	57.071277	19.072115538461535	0.17009754974357444
5182-56341-0616	133.27494	29.40942	19.90777281067962	0.2733849207731582
0858-52316-0268	116.9587	26.580143	20.061449933962272	0.8854429630901697
8291-57391-0696	118.59578	41.85172	20.151775779661016	0.48677555112433973
0471-51924-0182	136.51015	1.4570492	18.41906312276214	0.396741538336313
5315-55978-0470	143.62111	14.380874	19.494337371830994	0.20895476064608084
0442-51882-0527	126.35354	52.440618	18.794070831896544	0.09978807399348814
7298-56661-0818	145.29362	49.071967	20.133522979310353	0.2713833419177736
5180-55947-0826	131.62189	26.203264	18.862818170040484	0.17826838156908842
3752-55236-0216	118.62448	29.493228	20.337216122807014	0.17287142612779546
2961-54550-0120	140.43022	32.47322	0	0
5159-55856-0360	126.36223	45.073608	19.38149276491229	0.44179595509118924
3760-55268-0336	125.4159	36.780445	19.61559647096775	0.3175419523238708
1301-52976-0162	138.88844	8.4287023	19.292578645161292	0.6588413442021851
8306-57419-0314	115.04368	45.875003	0	0
3679-55209-0336	118.63223	51.218934	20.431556060606056	0.23761467589861993
8308-57417-0654	116.99737	50.791449	20.09322025714285	0.7849757706752949
7301-56746-0787	125.42059	53.667032	0	0
8832-57445-0653	141.99883	39.734853	19.817979158878508	0.414080694929403
6380-56340-0149	126.37549	43.882645	20.261314831683165	0.3714488607926755
2960-54561-0223	129.92426	31.869956	20.417203326923087	0.37062830055081
0571-52286-0420	147.76345	4.6766628	20.11970257216495	0.3113716109892211
1268-52933-0450	129.06331	30.430703	19.56758873214285	0.24319885302450037
6783-56284-0342	129.92643	42.928223	20.054022668508292	0.3345629881339923
2293-53730-0257	142.00132	22.25342	18.855589047904196	0.21472709255564046
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SDSS_NAME	RA	DEC	MagAve	Sigma
4491-55570-0492	124.44972	17.189498	19.70985223619047	0.26140100813175543
7326-56710-0045	130.80539	45.102021	19.457658514705876	0.32945116054409107
1304-52993-0134	144.4627	9.3775105	17.816866954653932	0.08718444502890456
2085-53379-0311	131.64733	23.300051	18.561227986719775	0.6116517013082083
0432-51884-0334	115.07796	40.715443	19.426601860294127	0.20290194554890767
1936-53330-0524	138.14281	30.937838	19.535491990697682	0.27696832264493365
2270-53714-0272	123.38738	13.75433	18.58481524505932	0.033034983335094636
7304-56745-0254	135.70992	49.813941	20.497940511627913	0.33443968148606096
4903-55927-0041	130.82055	5.1111536	18.746885417112313	0.1453768806007392
1302-52763-0234	140.45621	8.4463494	18.940007193798458	0.24652385452767384
1935-53387-0163	136.54526	26.557102	19.381948389563107	0.2931197715099272
2362-53759-0336	146.16263	20.801472	19.359359734177207	0.21427724941170873
2961-54550-0629	141.22571	33.055181	20.488040740259752	0.38058872775498326
0468-51912-0468	133.32539	1.3430767	19.224556458563548	0.3377142180825712
4449-55544-0046	129.08681	29.270628	19.3513384108352	0.24711873339325888
8292-57373-0603	121.2388	42.685232	20.067048598591565	0.662156552623645
5785-56269-0790	147.78915	22.775606	19.47540521362228	0.35366925492867396
7303-57013-0004	134.13573	49.840661	19.78798530597015	0.3660822833668333
0888-52339-0529	115.1386	28.977449	19.583908421245415	0.1581855924378504
0569-52264-0333	142.82658	4.2464438	19.75854742105264	0.33925536724349536
5306-55926-0032	141.23312	10.511474	20.276044974358975	0.3031045845449835
8291-57391-0257	118.69097	40.655236	20.66285786206898	0
7373-56990-0155	132.51514	56.214568	0	0
8188-57348-0190	149.38505	54.476923	0	0
0927-52577-0592	117.08693	23.644058	18.98839281347153	0.09205515711219267

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SDSS_NAME	RA	DEC	MagAve	Sigma
4504-55571-0428	123.42179	12.860373	19.30628419809069	0.1773333339404641
1583-52941-0124	118.70676	19.612198	19.4460149999999974	0.2330747331819569
1301-52976-0155	138.93912	8.6071605	19.192716545691905	0.42730724093845823
2440-53818-0337	139.69768	15.955074	19.20281068652038	0.08764942672952969
8832-57445-0670	142.03593	40.355776	20.614501170731707	0.2718014138375527
2960-54561-0516	130.85952	32.421094	20.223369533073914	0.3720954847629779
2280-53680-0483	131.68051	20.95166	19.010876704301072	0.17433941922785842
1878-54474-0173	144.49957	66.826451	19.345993083333337	0.16693836631543849
7377-56741-0324	121.26442	50.267058	20.48765011627907	0.33104898644639474
1061-52641-0584	121.26513	31.703197	19.045702238615643	0.232798607535292
4743-55645-0806	147.80351	2.9242637	18.449671893371754	0.19384792944271073
5781-56337-0016	137.38611	28.71063	19.337982128260887	0.17185121576178608
0434-51885-0324	117.11458	43.663168	20.235113334975367	0.2791988045696847
7378-56715-0843	124.49787	48.768077	18.621077703296695	0.114800318934935
2369-53733-0007	145.3554	16.717564	19.143456906374507	0.22928782467694578
0464-51908-0272	59.116837	-6.5683114	19.324306830985908	0.20542255819982444
7375-56981-0446	124.506	55.164571	0	0
4574-55621-0386	142.85295	37.187469	20.128574360406102	0.36435600876223706
5783-56017-0035	147.82084	18.858644	18.501865743243254	0.10896928747520872
5305-55984-0238	139.71753	14.176291	20.103078264648442	0.3215423893449218
3804-55267-0182	123.45618	36.492751	20.095422	0.2913845414901223
4459-55533-0154	118.75891	26.605287	19.87490578813559	0.19230234470594218
0548-51986-0087	127.37555	44.746172	19.11111534954407	0.22033531124240216
5798-56326-0684	146.21043	34.79064	18.835395417910462	0.2059089907983
0942-52703-0416	149.42031	45.031874	19.795112324444446	0.21894001305248578
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SDSS_NAME	RA	DEC	MagAve	Sigma
8282-57041-0730	135.77515	44.465708	18.891813320689657	0.1995423792921812
1756-53080-0369	122.41559	7.4913921	19.22632154189942	0.21079359501460698
7280-56709-0010	125.5246	56.180713	0	0
7314-56990-0229	138.20855	47.585051	20.66939733333333	0.4878487171629247
0994-52725-0072	148.62545	5.8917118	19.15012386785712	0.23015104703132017
0766-52247-0002	140.50775	49.669645	18.848979858823526	0.15095842744863683
0892-52378-0085	122.42406	34.581585	19.134043289855082	0.20511039685395852
6388-56309-0782	117.18248	46.730127	0	0
8832-57445-0052	143.726	38.58679	19.86957797602738	0.31809568116251713
8827-57444-0234	127.39169	39.061507	20.03982029411765	0.4705652968904286
8828-57445-0867	130.9103	40.409477	19.58053453767822	0.3702213814486432
4789-55923-0581	127.39209	4.9470812	19.700359661676647	0.2739679953160427
8823-57446-0208	148.63115	37.51268	20.27832208585859	0.2527335710811809
4484-55565-0386	128.27458	19.965954	20.067987437974686	0.3089915398135073
8832-57445-0214	142.88188	38.509972	0	0
8859-57452-0245	131.73544	36.233083	0	0
7301-56746-0816	125.54453	52.727215	20.837219611111111	0.18444288688771768
7303-57013-0470	130.91744	49.738148	20.093055839622643	0.3624055652520564
2826-54389-0022	65.580036	5.921543	0	0
2673-54096-0305	69.576588	10.70988	17.402471556722695	0.034084358374995974
8300-57391-0443	145.40968	40.539277	20.317766363128502	0.3202920958708934
0830-52293-0605	134.99018	42.404433	19.67593286956522	0.2695615012719018
4571-55629-0484	143.75119	39.977938	19.299967185810804	0.3599529401172969
4795-55889-0062	140.52897	4.309118	0	0
2942-54521-0638	72.754819	-5.425823	0	0

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SDSS_NAME	RA	DEC	MagAve	Sigma
0995-52731-0373	149.45026	7.0779168	18.681688367841403	0.11780798038673547
0469-51913-0501	134.99465	1.6094126	19.922743432989684	0.39479020976310153
1925-53327-0040	124.58466	20.012811	18.54132416125153	0.07964795485036374
7320-56722-0996	132.5882	47.921121	0	0
1271-52974-0065	134.99577	31.862352	19.42528626651481	0.21776487736253322
3697-55290-0736	129.17181	50.391516	20.093115904761905	0.4421463205076654
0929-52581-0571	121.35464	27.722712	19.097319662082512	0.2742368956890358
7275-57093-0614	136.63841	55.134187	20.04260688421053	0.33563106623021405
2273-53709-0333	125.56515	18.298223	18.631415535532987	0.12912588068750394
8283-57064-0534	137.45843	44.013218	20.380406439999998	0.30485253461085776
0468-51912-0017	134.21332	0.11709497	19.091113434640533	0.19858360128025618
3781-55243-0116	142.10649	-1.7315707	20.024949819277108	0.3385630298152236
5157-55923-0864	131.76857	53.757899	0	0
8831-57448-0845	139.77565	39.756766	19.722331696864106	0.27185548430347944
1005-52703-0125	147.10493	47.419665	19.034166969924808	0.117919780046349
3814-55535-0194	134.22373	3.5771164	20.403653541284395	0.29758859380662495
1207-52672-0543	126.519	29.703523	18.915557398510234	0.16057120221204804
2298-53737-0449	149.47213	24.175847	18.917288504360453	0.2842660954564993
7288-57039-0516	133.4363	54.049546	19.988335983606564	0.31464317149372384
5707-56269-0116	129.19818	60.158114	19.220193526315793	0.5289116188395716
8296-57375-0754	134.2327	42.667455	19.51930440304182	0.2577787689919125
8182-56993-0274	148.67621	52.215872	20.488638095238088	0.3169698285465762
2280-53680-0021	133.4423	20.166939	18.822348620071665	0.18161140250816238
0439-51877-0321	121.38533	45.596593	18.327712724770652	0.058929976490873004
3656-55241-0414	110.53965	41.445654	19.94521655	0.21388363791145143
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SDSS_NAME	RA	DEC	MagAve	Sigma
4493-55585-0632	122.48913	18.301229	17.74995873889636	0.04608863929125215
3668-55478-0360	115.43812	48.671491	0	0
4763-55869-0176	123.55962	3.9095843	19.5907703416149	0.18920133360938515
3811-55538-0126	132.63081	2.6223743	0	0
8181-57073-0510	150.26423	53.857333	19.847422608000002	0.3528094303362226
1201-52674-0033	141.35237	42.291578	19.49211014427861	0.3612705890011701
2427-53815-0234	129.21194	14.427529	18.89615353589315	0.09212125664203642
1591-52976-0300	135.84975	31.57935	18.589643485106375	0.15784061201172037
7315-56685-0087	142.14004	45.183148	19.43086330593607	0.32137237773703964
3819-55540-0358	136.67663	1.7508738	19.759543938775508	0.34690603227977673
7290-57073-0474	139.03493	52.049851	19.503944277486905	0.2625084680915742
5294-55922-0900	135.04364	8.5123848	20.193415294117653	0.548296418685549
5316-55955-0060	146.29312	10.078864	17.913119414405003	0.05653930527560307
1779-53089-0516	120.2715	49.042278	0	0
8295-57401-0853	131.8084	41.742763	20.302101268749986	0.2660172264285618
4508-55600-0322	125.6261	10.247334	20.124965441860464	0.2997833500912492
5304-55925-0972	140.58854	8.720224	19.02808187335092	0.16162073585684886
7447-56746-0404	142.95186	63.420286	19.586386351648358	0.2375258057376945
8858-57450-0049	130.10319	36.270537	19.977230972602747	0.2862140966385913
4641-55947-0968	140.5903	41.240971	0	0
7310-56693-0768	127.4833	51.116977	20.249306432432434	0.21334993024614404
8857-57449-0698	125.63443	37.362811	19.974240285123958	0.36418858811476357
7314-56990-0716	137.50848	48.309318	19.877769111111111	0.3834846872696807
2287-53705-0204	137.51534	21.724003	19.151874618677063	0.16669130773885898
8294-57365-0607	127.49057	42.789592	19.940658367187506	0.4482050214466558
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SDSS_NAME	RA	DEC	MagAve	Sigma
8286-57062-0514	146.31691	43.746345	19.41773184137933	0.21570694877365537
4459-55533-0406	117.36407	25.616309	20.136247989583335	0.19572326042510024
5178-56246-0206	133.48288	22.733769	19.48370615492957	0.29298411611610975
1187-52708-0408	130.12533	6.4477114	19.241111853300737	0.33003101792658746
5176-56221-0767	131.83988	20.04873	0	0
7310-56693-0906	128.38727	51.907269	20.39994145714286	0.23895698498807136
8301-57390-0525	147.94963	41.756265	20.240059710843376	0.28449783912923815
2577-54086-0274	139.07071	12.269326	18.540195208728658	0.1019031454726683
8827-57444-0198	127.50867	39.317179	20.124719473958333	0.3302042225841604
0927-52577-0640	117.38911	23.537028	19.93369719172112	0.23916488998280738
3810-55531-0928	131.84651	2.3238022	18.87640429383886	0.43888864226056074
7517-56772-0135	139.84617	45.375755	19.83670606741573	0.43905379348196133
1788-54468-0051	146.34078	63.628077	18.522352203389833	0.23859445850591166
1272-52989-0566	136.72047	33.953167	19.57718730102041	0.2684737793303803
7317-56992-0274	121.47236	49.793688	19.827544114634147	0.39490874166036327
3681-55243-0672	119.00691	48.202654	0	0
5179-55957-0254	134.30428	24.811764	20.581585534482763	0.3176344884244258
4603-55999-0240	137.54039	42.062191	19.212413813620064	0.21234307508966768
4793-55648-0081	130.15097	-0.43159118	17.943427523985232	0.38573320014238666
5297-55913-0242	135.91529	16.381649	19.480325108144186	0.4173531644331226
7317-56992-0576	120.33839	49.811768	19.79662264102563	0.2971718386772928
0834-52316-0396	142.99084	47.455703	19.5209527472119	0.23882163496025086
8191-57390-0551	145.51899	57.587441	19.766239008333333	0.24703531800183356
8857-57449-0548	124.69868	38.177813	20.471414842592594	0.3095466115759266
3810-56015-0053	131.86248	1.1763008	20.03771563461538	0.2866506676732114
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SDSS_NAME	RA	DEC	MagAve	Sigma
1198-52669-0511	134.32705	39.398506	18.543402007853423	0.18766865773358354
7280-56709-0474	121.49761	56.507172	0	0
5291-55947-0206	133.52322	9.7889746	19.359257935483864	0.14174302249173837
2284-53708-0016	136.74796	21.254124	18.74498087004755	0.49793809572005593
7379-56713-0104	122.59342	45.61045	0	0
4868-55895-0182	135.93905	5.8011092	19.80960782446809	0.46277178099196087
7315-56685-0189	141.42879	46.065756	0	0
2276-53712-0514	128.4423	16.884692	19.057161239168096	0.13729758612147377
1931-53358-0406	131.06857	25.449558	19.134977278925625	0.2148854811730939
7306-56684-0697	140.65226	49.128767	20.388568260000003	0.2952535117657781
4873-55926-0556	146.37899	7.5440211	19.866492383177565	0.3366451125711159
5767-56245-0892	142.22295	19.763545	0	0
6386-56325-0545	112.55242	46.747313	19.987247822580642	0.29470750504011667
4454-55536-0888	130.19302	28.526461	19.462956468749994	0.1713143265246931
4571-55629-0358	144.72042	39.675161	19.006000204334363	0.13743683504396706
7377-56741-0310	121.53042	51.133554	19.962128452830193	0.31497740016785475
5783-56017-0260	146.38463	18.366251	20.238735950413222	0.3873337535819733
8300-57391-0867	147.22146	42.800718	20.25715641379311	0.278886737615616
7277-56748-0204	128.4545	52.972682	0	0
6397-56365-0186	132.72642	45.14876	19.20335840963855	0.35631825545840057
3756-55505-0818	121.53946	32.597136	20.001490169096222	0.2201380996731723
5778-56328-0460	135.96085	24.722837	19.501108614736836	0.23538213781423617
6373-56298-0500	112.64036	43.846828	19.45424555833334	0.32563197443788133
7294-56739-0632	132.73916	53.60069	19.689370216666667	0.49734286632637303
7276-57061-0613	131.09263	54.567722	0	0

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SDSS_NAME	RA	DEC	MagAve	Sigma
5175-55955-0782	134.36516	20.564638	18.99326327923975	0.434538317566567
5718-56693-0252	139.13258	63.207871	19.945696169491537	0.27791299122029056
1784-54425-0243	129.32654	56.903947	18.923383458598714	0.19694402016880586
1584-52943-0340	121.56355	23.69076	20.13231857251908	0.233741254194445
5303-55980-0649	138.39054	13.428151	19.251909169642868	0.17723966470072386
1785-54439-0309	131.9272	58.98696	18.9838817173913	0.21035691934566553
8294-57365-0835	128.47814	41.682594	20.1220010051282	0.2928240521203502
7316-56710-0900	145.57975	46.017389	0	0
2292-53713-0593	145.58569	21.724606	17.9721053067591	0.44728785495610907
7311-57038-0586	128.48726	51.009322	20.097285121212128	0.42006654689491996
7286-57096-0682	142.27029	53.972979	19.919263672131148	0.4010719713013702
3812-55513-0606	131.93761	0.91830312	19.5346613803681	0.20288675454673083
0825-52289-0109	122.67703	33.320006	17.75595634362935	0.13986382550538723
8278-56990-0229	123.74358	43.327858	19.17240052219321	0.212766634301235
1266-52709-0180	123.74425	25.653817	19.041953955882352	0.17634823584432524
7299-56686-0765	148.04306	48.26973	0	0
4792-55925-0778	125.78104	2.6194134	17.906347198113195	0.1778433630827049
0552-51992-0490	135.99643	51.546359	18.567121314655186	0.27238635864005717
4683-55924-0342	128.50023	43.030031	18.439683463343105	0.06455014731210268
4465-55858-0992	121.59545	25.316016	18.36877214065936	0.17661885942903147
8295-57401-0507	129.35909	41.792831	19.917750846153844	0.5016719392183768
8278-56990-0210	123.76413	43.03346	20.353267888888894	0.8361493063355733
4445-55869-0168	129.36137	31.338609	18.586530191532283	0.13259388692046656
5323-55957-0820	148.83479	12.67154	19.99861643069308	0.4888539651553223
7318-56990-0105	126.71716	48.061994	20.351415976744185	0.29008443536295286
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SDSS_NAME	RA	DEC	MagAve	Sigma
4485-55836-0128	117.62612	18.770303	19.158106274322183	0.47398458918894204
7284-56683-0482	148.05326	45.372258	19.76441520731707	0.6436227976879582
3826-55563-0526	143.94541	0.78883541	20.38499612389379	0.30585090748956556
3808-55513-0374	126.71796	40.698992	19.999669571428576	0.24537768559746206
2426-53795-0028	130.25489	11.154678	18.148095287769774	0.451001396351761
7302-57012-0908	130.25564	53.304773	20.097112104166666	0.33342025449056145
8831-57448-0392	138.42232	39.057339	19.18965711345645	0.1968019378959561
0892-52378-0498	122.71344	35.974225	19.247366485576915	0.17456074415190903
3681-55243-0714	119.20999	48.413913	0	0
4636-55945-0210	148.0616	39.832419	19.45266480608366	0.23698888206618196
2084-53360-0408	130.26879	23.097399	19.30223358022387	0.16878177870056676
1214-52731-0515	142.30043	39.860433	19.041537554858945	0.21972383105154253
8854-57450-0281	150.41224	35.484383	20.218257772727277	0.34203703775783817
4868-55895-0988	136.8393	6.6563127	0	0
2419-54139-0577	121.62532	10.078723	19.176146027874548	0.1511297665996616
8286-57062-0502	146.45749	44.429955	20.01974929508196	0.2673383206680832
0476-52314-0415	143.95359	0.7444342	19.547240365325077	0.23747940279273966
4455-55539-0728	126.73828	28.490986	19.692256493362837	0.4004935765957179
1938-53379-0437	139.18677	31.042261	18.92866327950311	0.20074437516607047
7375-56981-0601	124.83848	56.321693	0	0
8301-57390-0866	150.41714	42.156032	19.811132174698795	0.515208575637914
0756-52577-0129	117.67167	33.094696	18.525796305667996	0.13804599728334213
3694-55209-0970	127.65756	50.248493	0	0
1739-53050-0245	136.85256	9.9164418	18.627414291284406	0.25082697148280914
8285-57048-0187	145.63408	43.642091	19.829561641666647	0.3226058145714438
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SDSS_NAME	RA	DEC	MagAve	Sigma
8829-57446-0842	133.62804	40.023532	20.046428569999996	0.32510640589660517
4696-56354-0668	141.5148	45.716199	19.901030074712654	0.40261058162104363
2085-53379-0163	132.81571	23.047303	18.98627486717268	0.16038281355611184
3825-55533-0754	143.12363	1.0173276	20.116450166666667	0.36368539264918287
8284-57419-0066	143.1272	43.329602	17.691179394495425	0
8828-57445-0777	130.29268	39.623038	20.506452699999997	0.31991486672542085
7276-57061-0853	132.82102	54.626132	19.975585264957274	0.2618064058040116
5330-56000-0510	150.43177	15.26206	19.652081932668327	0.29700734859132866
0571-52286-0525	148.09272	4.9365427	19.449563617283964	0.20746257105759064
7277-56748-0608	126.75869	54.769838	0	0
6384-56363-0154	132.82867	43.774301	20.191979127388528	0.29325582458669214
7308-56709-0580	145.67372	46.675871	19.862881677130037	0.254094791231418
2287-53705-0482	137.69984	23.141139	19.35066385652175	0.2081633084193152
1782-53383-0146	125.86445	54.230686	0	0
8196-57346-0141	140.78204	55.721383	20.103503500000002	0.9400293461015269
7285-56991-0645	139.23218	54.756612	19.959602224806197	0.3100481251530537
4458-55536-0930	121.70178	27.054212	19.870421178666657	0.2446978430625181
7309-56991-0369	123.85553	49.57597	20.486458536585367	0.481738418944363
7279-57071-0790	135.26468	56.844039	19.814800861111106	0.3450606157862957
0449-51900-0169	134.48075	53.195928	19.415840527027033	0.14799419801200708
7376-56749-0363	123.86102	53.4021	19.184185320175434	0.23517698976005336
8276-57067-0588	116.02933	45.131814	19.9587466909091	0.2877054838089437
0565-52225-0358	132.85848	3.2792461	20.224108754385963	0.261748821546919
3663-55176-0378	113.49582	45.087567	0	0
3670-55480-0080	117.76841	38.901137	19.067968632158596	0.20613058851376642
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SDSS_NAME	RA	DEC	MagAve	Sigma
5315-55978-0278	144.86374	14.680608	19.43434836795254	0.4127253566370091
7302-57012-0409	127.71322	51.691036	20.258096000000002	0.4504393038177294
5767-56245-0290	141.56608	18.391621	20.08852936170213	0.3579956007510405
7309-56991-0394	123.87059	50.474698	20.41502028571428	0.6849383002861456
1878-54474-0262	142.35701	66.747317	0	0
4511-55602-0098	119.33806	9.6001556	19.981481211640208	0.3181992920467283
5151-56567-0086	126.8096	54.351201	0	0
5302-55896-0846	138.49975	11.862382	20.432884494680845	0.3327721974946966
4745-55892-0085	121.72895	-0.12635397	19.631189338461542	0.22612033026814127
8829-57446-0285	132.87184	38.164458	20.41941381094528	0.7000551018939837
3755-55504-0258	120.60122	30.219317	19.868719082943933	0.29363766861088564
8169-57071-0335	126.81351	56.977644	20.0500574375	0.3347118289432834
4788-55889-0312	122.83275	0.31545849	19.753809076433118	0.23821226507470436
5299-55927-0070	137.73626	8.2668385	20.33223224285714	0.664571684096792
1949-53433-0528	150.48712	33.08203	19.73142187649404	0.34327916029432204
1735-53035-0626	116.07579	42.849251	19.12670371500001	0.15680639853038625
2427-53815-0243	128.61488	13.944556	18.708445584362142	0.14947600988195126
8829-57446-0080	134.50753	39.212199	19.990463300492614	0.4064672710138796
8291-57391-0161	119.3609	40.282758	18.621314582857146	0.40236743732324115
7378-56715-0134	124.94374	48.048903	0	0
2291-53714-0406	140.03648	25.583634	19.41221957289002	0.41114908218428414
5707-56269-0288	127.73399	59.360387	20.262506269230773	0.3947946789552203
8292-57373-0450	120.61706	40.72339	19.395607796969696	0.2893399333232759
2288-53699-0344	137.74771	20.389738	17.88481268970588	0.491243285254864
3791-55501-0184	117.82066	35.238495	20.434887585365853	0.060106105465464695
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SDSS_NAME	RA	DEC	MagAve	Sigma
7320-56722-0338	130.37447	46.529985	20.120058705882347	0.3006640516825485
2958-54552-0429	148.94074	32.513888	20.403330471337586	0.2295323653807825
2958-54552-0324	148.93992	33.215468	20.345783343373487	0.353187605170471
7299-56686-0817	148.1684	48.073751	20.27746303448277	0.39076332393943425
4469-55863-0392	121.76138	23.49227	18.277940267100988	0.11633189552051995
0501-52235-0224	150.50629	2.0581798	18.257067292753625	0.2178976591773573
0937-52707-0245	136.94058	38.006665	19.515540357954553	0.23173519176968616
7275-57093-0248	137.76371	53.592101	20.08258588888889	0.5928446349267702
8283-57064-0552	137.76457	44.775112	20.64941862686567	0.19417086558818536
7302-57012-0522	126.84119	52.92213	19.987502223684228	0.39606873134522236
3698-55501-0146	121.77793	54.377696	19.66139429069767	0.24502500929184393
6388-56309-0865	117.85516	46.607352	20.162329972826086	0.3652776816009862
8297-57416-0940	138.53701	41.6319	19.76114742435423	0.32245854023664505
0943-52376-0360	150.51765	45.252772	19.628709592105263	0.24116758537055405
4602-55644-0106	134.5421	34.987955	18.932526523341522	0.31448553716397915
2431-53818-0437	132.91474	15.883446	18.103517613905336	0.21824801084216627
0266-51630-0208	145.74093	-0.78478748	15.029337705501627	0
1270-52991-0087	132.09286	30.163803	18.329630090405903	0
7308-56709-0698	146.57656	46.678365	19.6656910472973	0.1959970201344617
3821-55535-0678	138.54417	0.60531961	19.30712596028879	0.2094792483169459
4842-55867-0316	122.89651	6.5640893	18.684153384823855	0.1062696286700805
7308-56709-0783	147.41095	47.975829	19.71453650000001	0.38299325345410645
8290-57364-0211	116.18793	41.22305	19.704742694915254	0.2761886178392408
3662-55182-0726	113.78944	36.676536	19.921401239999998	0.4785386739289762
0832-52312-0005	139.30336	43.8688	19.195413965408807	0.19405253906037187
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SDSS_NAME	RA	DEC	MagAve	Sigma
5292-55926-0839	133.75433	17.700115	20.001101819960873	0.30719241940402586
7513-56780-0418	133.7518	48.000142	20.08307076699028	0.3857285991750953
6783-56284-0711	130.41752	45.306385	20.290185902173913	0.35984247612841663
0550-51959-0158	130.41842	47.997553	19.875982461038962	0.48624004165913487
3802-55528-0710	120.69653	39.625783	20.05636652422907	0.3944049511437558
1868-53318-0181	116.22588	48.030873	19.255261228187923	0.18621802629339249
3826-55563-0888	145.76721	0.50518448	19.39733584166668	0.4615888250670959
7377-56741-0438	120.69724	51.524695	19.96651784713375	0.2639575793740624
2279-53708-0181	131.28748	17.588344	0	0
1295-52934-0399	121.82076	6.0888524	20.105948152380957	0.2897643549704482
7324-56935-0418	120.69877	46.728926	20.6566594516129	0.19004976527096243
2437-53848-0423	136.9856	17.106454	18.51341061232349	0.06626342614411941
0767-52252-0472	140.86885	52.039353	18.820312970212775	0.17378631745052667
3826-55563-0552	144.1172	0.57601911	19.421307549707596	0.3944644302249311
3665-55247-0480	113.88244	47.267418	20.152186305676857	0.24745034339446578
4645-55623-0974	137.80512	36.03072	18.75149689910315	0.15592045017602507
7279-57071-0724	134.57756	56.676858	20.26249422413793	0.3673506366859267
8300-57391-0740	146.61547	41.947912	19.687339483471074	0.22057803566448414
1299-52972-0534	134.5855	8.5310059	18.93825044827588	0.18007267445261085
7309-56991-0651	124.01125	50.92505	19.29840907272726	0.43431739237433836
5942-56210-0760	113.92806	45.200929	18.571447467422093	0.20839401509032107
7291-56992-0104	144.97816	50.863418	18.979183876344095	0.39640733219866403
2960-54561-0559	131.32218	32.465271	0	0
4797-55662-0724	144.14796	5.0827917	18.96725832125603	0.506378040910088
1269-52937-0576	131.32472	31.044486	19.342852738045714	0.28125993877823546
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SDSS_NAME	RA	DEC	MagAve	Sigma
4473-55589-0844	117.9751	22.786011	19.35196596153845	0
4575-55590-0586	144.15269	37.148613	19.48763603206996	0.30757729304028636
4788-55889-0722	122.95549	1.3473879	18.569206311881185	0.04787806123025601
1273-52993-0513	138.60009	35.022583	20.038956506666658	0.30971322706357385
8829-57446-0592	132.16252	40.216125	19.56258537662338	0.2716009513850653
8296-57375-0635	133.80126	42.317452	19.65778959027779	0.3318267657528843
8854-57450-0604	149.82931	37.013	20.364992359154932	0.31107642098323857
5177-56245-0198	132.98371	21.43813	19.69863525051334	0.2598700496684809
0945-52652-0391	149.04534	55.496017	18.068294307291676	0.03929728840796313
7318-56990-0897	126.94981	48.791126	19.91273301860465	0.3012757677167041
1018-52672-0449	181.30539	55.997777	18.864848699186993	0.1406451445971647
2882-54498-0172	164.06998	63.041172	20.427627320000003	0.27230293438308917
6687-56602-0758	153.58306	53.982908	18.91469229142858	0.16343234065539855
8358-57451-0356	160.18049	43.559915	20.574510212499998	0.3035112732038368
4686-56013-0114	171.12475	42.729713	18.211128342007427	0.029115859709672696
5885-56036-0280	158.59026	19.0088	20.224333482456153	0.34806850034980436
0559-52316-0592	156.92817	59.287577	19.198451706521737	0.2702280656607047
2477-54058-0560	160.99561	23.342955	18.682778120614024	0.09210725479014795
7109-56658-0906	171.13712	63.270581	20.182406812500002	0
0327-52294-0454	173.48251	-1.4872009	18.274223032258075	0.10029141628149937
6647-56390-0236	172.67506	46.47429	19.237492502673803	0.34736208883429137
6702-56381-0614	160.20277	50.30973	19.400359631840793	0.15670824867696234
8170-57131-0874	172.67667	56.357679	19.993451894230773	0.2288058916754719
1972-53466-0024	175.79469	38.799785	19.16661053560371	0.16683530754617384
6450-56331-0728	156.94879	33.885216	20.2095932265625	0.4092322952206426
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SDSS_NAME	RA	DEC	MagAve	Sigma
2026-53711-0625	164.84711	32.673108	18.364600453083096	0.04962339561219282
7329-56719-0672	150.66404	48.561005	0	0
0511-52636-0207	170.37963	1.3357753	19.03769186320755	0.20830280208174146
0277-51908-0495	165.60956	0.59809134	18.952117193633935	0.17159253073714162
7398-56781-0302	173.49206	45.510623	20.226701249999998	0.3035764249014612
7101-56659-0062	168.01133	55.572907	19.475591415662638	0.22325643527034159
6700-56384-0956	167.20407	51.034774	19.637496843971633	0.29994109379786393
6449-56356-0109	163.31016	28.372747	20.204724060465136	0.36757379616482605
8367-57429-0629	168.02132	42.494007	20.344698484374995	0.27508620473626144
6692-56390-0770	168.83265	49.75638	0	0
2353-53794-0577	157.77941	28.093618	18.80513786995517	0.24611904652762953
5381-56009-0610	175.81068	14.057307	19.817754175438598	0.22327065147079175
7386-56769-0062	157.7804	46.728514	18.991677426356596	0.4382831411328905
6457-56330-0896	159.4177	27.229899	0	0
8849-57457-0458	168.84211	35.913415	19.80819464309765	0.2865526293680108
4566-55630-0692	150.68518	41.112099	18.581049246056793	0.06388169551220024
8302-57389-0150	153.63479	41.148747	20.123558460992896	0.3895667979651959
7401-56808-0236	176.55259	45.955376	19.6722834520548	0.39830827718964795
6452-56366-0828	160.24883	29.977005	20.057364438405806	0.29973793976905216
8229-57430-0614	179.68873	55.56641	19.981828069767438	0.40808985980810425
2494-54174-0386	169.62688	17.068358	18.657465297297293	0.13728648084707584
7392-56992-0288	163.33563	45.316267	20.404654840000003	0.24559340168400398
6698-56637-0372	170.41577	52.332888	19.59199759574468	0.2615429467845012
7103-56661-0280	165.64521	60.418864	20.146821574468085	0.3783905108154757
4647-55621-0436	178.10208	34.1515	19.62555396632997	0.2363882298979934
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SDSS_NAME	RA	DEC	MagAve	Sigma
6422-56328-0510	174.31718	23.439993	19.377121793565685	0.2308657750163967
6459-56273-0904	151.40723	24.300136	18.976463955257262	0.15995401039517618
2036-53446-0476	172.7229	38.09998	18.90896524324324	0.1018952748636591
7403-57071-0726	176.56354	49.945659	20.48162124390244	0.38270538834956946
3776-55209-0180	179.70093	-2.5730479	18.903451100591727	0.1762437432017463
7403-57071-0010	178.90992	49.028969	20.268706594594594	0.29550266494306404
8366-57432-0642	164.88816	42.082481	19.782551928176797	0.41349046613877877
6465-56279-0687	154.44913	25.508935	19.876004732558137	0.3190294748715039
7387-57038-0433	158.65111	48.765278	20.170950756097564	0.2625640876135042
7386-56769-0340	156.12097	46.880957	19.80407608252427	0.25329462488267024
6469-56328-0047	153.66457	28.76448	20.10540175443785	0.28402823194935417
7081-56684-0920	153.66468	62.576273	20.001163724137932	0.32930065303560535
6692-56390-0014	170.42891	48.568541	0	0
7400-57134-0942	175.84316	50.940444	20.01428226	0.31973647717468057
8164-57127-0804	171.19069	53.661653	20.376864117647063	0.33303019895821195
2413-54169-0499	168.87218	9.797256	19.855579355113637	0.37990694832049837
6475-56337-0432	180.56177	28.388057	19.091564275147906	0.3902599865305642
7082-56713-0759	154.45978	64.877656	19.899053214285715	0.3859253029659836
5391-56000-0578	181.39536	10.351701	19.695608999999994	0.7102954779030081
0490-51929-0044	165.66868	65.427989	18.735180313953496	0.18571357959414123
0507-52353-0199	162.60397	1.8752322	19.091767206940904	0.17261018132721687
7393-56749-0074	167.28154	45.77866	19.98373801265823	0.3750735332258143
2099-53469-0076	179.72537	34.022076	18.30530850445104	0.09473030462762114
6421-56274-0832	172.75494	23.516808	19.83103577173913	0.2833484292608927
6418-56354-0388	164.15067	23.621559	19.578094997429307	0.36532374074573515

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SDSS_NAME	RA	DEC	MagAve	Sigma
6413-56336-0862	168.88916	27.062225	19.46201658762887	0.29787212331289026
7387-57038-0308	159.4678	48.939191	20.623957652173914	0.27816706274050995
0772-52375-0350	154.47244	62.44817	19.13879613978494	0.2927255693662972
3841-55572-0316	175.11758	-0.77436977	19.478972347708893	0.24648404438101873
0516-52017-0580	180.58315	3.42202	18.390984750605327	0.1166503118496594
6413-56336-0056	169.67395	24.993607	20.089230635416687	0.4960568181310493
6677-56385-0730	178.95169	49.326781	19.22448464150945	0.32840557486305083
8873-57427-0543	174.35629	37.694998	19.026899703363917	0.323402075437104
6465-56279-0148	155.30894	24.671249	19.33924365170557	0.4363875713587856
0282-51658-0638	175.13378	0.32883922	19.37842680967743	0.2592866967355175
6839-56425-0110	179.74819	55.070906	19.353556407766987	0.3324289631437328
8165-57374-0223	167.30269	51.900492	20.361081322033904	0.16281709954849277
6439-56358-0020	161.11094	25.189555	20.05020491044778	0.32510716265476924
8360-57452-0297	166.50491	43.147304	20.713560610169484	0.16291479303294085
7390-57130-0456	161.11452	47.379355	20.305897978260866	0.27150004422297735
2498-54169-0584	172.78566	20.08092	18.243720508557445	0.14590605778573515
0908-52373-0199	166.5085	56.160414	18.68741572413794	0.09142136980087628
5335-56013-0400	153.71492	14.760274	18.835287811715492	0.18298425036996888
1973-53432-0309	157.05557	36.929583	19.22837651754384	0.2828996178919253
0515-52051-0043	178.97447	1.4076882	18.11036042982455	0.15729639203787796
8167-57071-0778	159.49741	51.331532	20.03287104081633	0.4227696618751578
4738-55650-0328	152.21592	1.172958	19.40277623219814	0.267815788820435
5350-56009-0907	161.88044	15.497272	19.800865619433207	0.3018022665243583
8369-57451-0540	172.79344	41.625046	0	0
1951-53389-0625	153.72278	35.238984	19.141149132432442	0.3086581302341088
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Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
6425-56298-0354	157.88181	22.912883	20.37308949285714	0.43932728382027275
8382-57513-0557	179.76825	42.438099	0	0
8367-57429-0207	168.93113	41.143005	20.511703427083336	0.3069838577710018
2226-53819-0010	181.44767	26.422906	18.54030141310542	0.13649851051668427
4564-55570-0996	157.88445	36.0236	19.491259212827984	0.1949000295640652
7329-56719-0682	150.76664	47.991808	20.278438446428567	0.6602845927077425
7329-56719-0784	151.47019	48.971613	18.74763736486486	0.3475479873040847
4853-55928-0386	161.13381	6.2918888	19.430515466410746	0.2578643549510984
6415-56310-0752	173.61687	25.466681	20.272319521008402	0.46756193685396263
6412-56358-0494	164.19793	25.970303	19.173218289340117	0.31687097172581047
1952-53378-0587	152.9867	33.929273	19.595051906832293	0.2966706187189346
8369-57451-0408	173.62489	40.719909	19.784049582706754	0.23082457719892482
2347-53757-0463	152.23716	26.588116	19.084305112359534	0.1690037220673647
0877-52353-0601	167.34881	52.013799	18.437583551136353	0.21592040027282686
7385-56710-0182	155.36617	45.635898	19.90894862727273	0.2981655078559786
5846-56017-0738	180.65124	19.278473	0	0
5338-56002-0932	156.21681	12.876372	19.333438668903813	0.18396940450785992
8825-57451-0636	150.78955	39.633454	19.512749372759863	0.2418508052484103
5332-55981-0348	152.24699	16.439572	19.237492658914714	0.24479847829693208
8872-57422-0642	177.42711	37.269039	20.441906633333333	0.23593005953423898
6445-56366-0802	163.45638	31.663792	0	0
4652-55672-0794	179.02455	38.787971	19.70299752521009	0.3898523510689502
6690-56416-0276	175.18881	52.250159	20.109497045977005	0.3484505514583778
8844-57424-0092	172.83433	39.000963	20.549545397849464	0.27976494179632766
1223-52781-0545	172.83456	10.033286	18.919022454545452	0.12428722679815649
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SDSS_NAME	RA	DEC	MagAve	Sigma
3771-55544-0842	160.38469	-1.6538756	19.64597891428571	0.25819271009462874
0950-52378-0001	168.18677	57.701515	19.064961390243905	0.15926726191748
1240-52734-0602	160.38536	10.177235	18.961293464852638	0.16692149775834497
1953-53358-0170	152.26746	29.948175	18.90755682045455	0.19864901193702725
4831-55679-0596	180.67496	6.7053828	20.44093943636364	0.007399179520480095
6454-56336-0262	154.56796	33.471288	20.125857358974347	0.26686272712420994
0575-52319-0049	156.2566	3.2909973	19.039965208762897	0.22016730531696804
0514-51994-0040	177.45122	2.0848444	18.37885494769231	0.21192420067831652
8175-57039-0423	150.82617	51.142969	0	0
0996-52641-0243	151.52361	5.2302831	18.810143697368428	0.09902145167810456
7392-56992-0246	163.49319	45.158239	19.966588234374992	0.530687819657082
2595-54207-0469	180.69961	17.676259	0	0
6660-56370-0302	150.83749	50.776436	19.303070249056603	0.46501801301369644
7392-56992-0918	164.26381	46.815515	19.726628623036657	0.3848474657966835
5361-55973-0812	166.58931	10.742384	18.717357595289098	0.2932150169430431
7110-56746-0428	167.41318	64.240448	20.10039287179487	0.2944328978378901
4634-55626-0246	160.41525	36.990468	19.370802773993805	0.24498578956866723
6838-56429-0513	179.87235	56.73058	0	0
8179-57429-0285	160.41623	54.555136	20.41926768571428	0.34778858087804143
7382-56991-0864	157.97233	50.441141	20.585848249999998	0.45860700687413475
6457-56330-0816	158.79948	27.270759	19.985051186186183	0.3261741571862173
7401-56808-0978	178.26358	46.45887	19.928871043165458	0.2692335752917192
8819-57450-0660	168.23162	39.378584	19.820757304347826	0.24337817020739178
2372-53768-0281	150.84454	17.900682	18.2537916748879	0.08665198241234677
1611-53147-0156	181.54568	12.39995	18.912300354761925	0.24094065101143902
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SDSS_NAME	RA	DEC	MagAve	Sigma
6684-56412-0528	173.70672	50.109272	20.322365381818187	0.278992366062594
8228-57423-0518	177.48916	53.708929	19.898120430769225	0.3164248114065271
5351-55952-0663	161.21839	10.668331	17.622465334065943	0
6468-56311-0816	150.85469	32.885281	18.618709538271595	0.08813064785159754
7092-56683-0578	172.89859	56.977987	20.346704074999998	0.3062281209677193
6413-56336-0440	167.43167	25.64154	19.272068310704967	0.20843099811840246
4691-55651-0576	157.15892	44.622397	19.891532647058813	0.31590126611019576
6418-56354-0644	164.29038	24.199241	19.70717692098092	0.27404067066435406
2111-53467-0337	168.24996	35.373844	18.61272653739613	0.09628102546861479
6452-56366-0708	159.63219	30.204016	19.897817053003525	0.2531525522219951
8228-57423-0361	178.28808	52.093782	20.678333260869568	0.24412040864650308
8161-57127-0588	164.29939	50.632015	20.100742341269843	0.34255039880085764
0598-52316-0113	179.09735	64.165406	18.9395859000000004	0.2283918492960189
6442-56369-0940	165.8443	32.97751	20.46009335714285	0.2436135227344242
8360-57452-0278	166.63696	43.684132	19.530709331967213	0.2257821780727631
6456-56339-0278	157.17167	29.414008	20.589526029411765	0.18787596289684413
6408-56329-0274	169.83816	27.197312	20.58783684090909	0.19390947147854184
8160-57071-0054	171.37577	50.172629	0	0
4700-55709-0294	181.58689	38.409223	20.358358268292687	0.3525335883110693
0502-51957-0511	153.10135	2.1318537	20.06225090946503	0.2482992393129959
8854-57450-0999	152.33773	36.924094	19.863651669090927	0.2668196859240332
8365-57450-0050	163.55807	40.971468	19.942962575916223	0.3728258421395658
3785-55241-0966	158.85074	-1.7242455	19.83334812111803	0.26608073621743694
1744-53055-0156	150.89432	12.309598	19.436387432013746	0.21464320525846553
2881-54502-0549	176.03012	59.940836	19.922699670886075	0.2023062538181631
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SDSS_NAME	RA	DEC	MagAve	Sigma
8381-57512-0321	177.54075	40.532188	19.970648100961544	0.33984324045089415
0951-52398-0150	170.63284	58.371187	19.01480575806452	0.2299463468897228
7108-56686-0039	172.16234	59.791895	20.152093409836063	0.34023724769190505
2092-53460-0508	168.29895	31.129865	19.017222466666652	0.25091865390397894
6678-56401-0949	177.54572	48.601081	18.958613580459765	0.2096785359184832
8161-57127-0085	166.66875	49.350789	20.256305364705884	0.18134067793902856
7113-56711-0636	172.17125	63.792255	19.334677733333326	0.4763130035630057
6424-56272-0918	156.37243	23.411409	19.406000842824607	0.2456318236227494
7095-56625-0370	161.28362	57.877951	18.821048403225795	0.22047750781693753
8819-57450-0840	169.08895	40.017942	20.466570223684208	0.3328652543343443
5378-56011-0794	175.30724	16.012955	20.312538124183003	0.32398505007991996
8163-57049-0155	176.05674	52.823323	20.498558666666668	0.2019753624248256
7110-56746-0270	169.09537	64.120151	19.56835393506493	0.2671422083797435
4562-55570-0854	154.70157	41.285104	19.9288675652174	0.27192717239873876
5339-55922-0748	155.5399	9.6634939	20.388766883419706	0.25833179433158227
1443-53055-0243	172.19957	40.573728	0	0
1356-53033-0150	151.64719	39.213787	19.10574473698631	0.23779086959943707
2035-53436-0558	178.36128	36.290642	16.955385687285215	0.14844117880338992
8856-57453-0388	152.38942	35.633371	19.581822436619717	0.24681904723805814
8186-57452-0358	155.54002	56.949786	20.216614697674423	0.3458943606740574
8849-57457-0944	170.67598	37.858019	20.336298347457625	0.34921420410097753
6706-56385-0834	165.13724	53.138842	18.01884303932585	0.07908251705288716
5359-55953-0506	164.37265	9.5125312	19.476503273437498	0.048924339990157294
6644-56384-0546	177.58682	47.838489	18.961620450549447	0.20938544302597636
5874-56039-0316	159.72124	20.579944	19.467384165137616	0.22995345787020036
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SDSS_NAME	RA	DEC	MagAve	Sigma
4686-56013-0594	169.11667	43.751625	17.46041186511628	0
2490-54179-0096	167.53591	18.380398	18.729228183189637	0.3457676151658915
6677-56385-0378	178.36789	48.05014	19.433375131944437	0.33561638713992586
2351-53772-0425	154.71387	29.804628	19.6192910497382	0.2548893939595853
5340-56011-0463	155.55501	14.109893	19.8422058219697	0.4052845580788009
6441-56364-0602	167.54133	30.338869	20.049144386454167	0.280072099695385
6466-56310-0094	153.17238	24.656505	19.46781688920456	0.2186906107395419
8175-57039-0124	153.17112	50.491602	20.20196672649573	0.23354581904923594
8302-57389-0668	152.40677	41.902768	19.646522490494295	0.36644364232476256
1976-53401-0221	179.99831	40.007419	0	0
4626-55647-0376	165.15178	35.895921	20.317857773109242	0.30188120071923474
8359-57449-0842	164.38655	44.463059	19.903407594444446	0.3067250498619208
8177-57374-0129	169.93035	56.025584	20.465979111111118	0.22753991401070964
6408-56329-0278	169.93201	27.211967	19.165990024509796	0.4196637017509954
6433-56339-0557	173.83033	31.367602	0	0
0331-52368-0110	180.85995	-2.8464875	18.784505563076937	0.20713782921848142
6700-56384-0824	165.94895	51.61898	19.65555367361112	0.2539707342173165
6668-56605-0762	154.74447	51.726747	19.5911911969697	0.1561419452087004
6682-56390-0374	181.68414	51.887889	18.82715476923077	0.13816642295188286
6702-56381-0566	159.7567	50.782926	19.976985077777783	0.27204233417768037
7401-56808-0120	177.62465	46.109427	19.5531266736111	0.2829095619765546
6434-56362-0571	169.94872	29.890458	19.183811847769032	0.23407834377258296
4773-55648-0500	158.94876	4.2513347	19.83982496338029	0.3578915581969058
1224-52765-0335	173.04408	10.632487	19.50395897837838	0.2873385308046226
0331-52368-0577	180.87962	-1.6865915	18.19719874909747	0.12101996571667778
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SDSS_NAME	RA	DEC	MagAve	Sigma
5877-56041-0044	168.39163	18.575575	19.264460043165478	0.3417831177008897
6441-56364-0614	167.57874	30.260485	19.91458639570552	0.23993229487733753
6839-56425-0122	179.22451	54.124671	19.80055496923077	0.6264540686834736
0282-51658-0249	173.05429	-0.87920319	19.355770131506848	0.2675595990493443
7381-56717-0597	153.21057	49.990672	19.68211582608696	0.293014598129679
6428-56279-0115	166.75602	21.242757	20.26023098571429	0.30597998490073575
6464-56309-0592	156.46251	26.353802	20.046191488439312	0.235307023011863
8826-57452-0556	152.44346	40.282233	18.921485067385422	0.5007564261754003
6423-56313-0576	176.87353	22.687385	19.61632341666666	0.321493070302771
8825-57451-0360	150.99351	38.68215	20.176041176870743	0.18075369935480243
6692-56390-0692	168.40042	49.676352	0	0
3839-55575-0498	169.9669	-0.113011	19.529533153846153	0.33015147520204907
6455-56370-0385	154.77163	30.35164	18.923103210648147	0.14703328301211763
3843-55278-0208	179.24016	-1.1535847	20.09814790816327	0.18567187384587608
2508-53875-0044	176.88137	16.368164	18.989670307692304	0.26466509097514385
8229-57430-0882	181.72776	56.04059	20.1939239347826	0.18036416224063345
6409-56306-0776	172.27895	27.118856	20.43814791752577	0.3164329756065366
7105-56740-0218	164.44729	64.487352	20.518217149999995	0.2758366398361267
2012-53493-0174	174.65893	35.339783	18.75869882262997	0.1539443897645938
6689-56396-0254	178.44585	52.405706	19.825423171717173	0.27499847058427346
6419-56331-0228	167.61321	23.587635	19.747853224324317	0.288082733028109
7405-57134-0720	178.44749	49.002154	19.249817327044028	0.29795353594794877
7098-56661-0885	180.06684	61.285262	19.670117383177562	0.3549404855160219
6419-56331-0384	166.79532	23.437989	19.964353883381932	0.3020926899881955
8230-57430-0652	175.41491	55.695859	20.44717591304348	0.5370171774576695
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SDSS_NAME	RA	DEC	MagAve	Sigma
6704-56388-0696	159.79951	54.816329	0	0
4557-55588-0590	154.79664	43.342248	19.61921076536313	0.37391925582146557
6409-56306-0882	173.09169	27.349077	19.94256642929292	0.2232787828394112
0329-52056-0189	176.90045	-3.1090551	18.840663731927698	0.19465979034282593
7398-56781-0968	175.42182	46.373547	0	0
6408-56329-0786	169.99547	28.203228	19.907572244680853	0.5168102727796805
5349-55929-0934	161.39143	8.8988589	20.093737370860932	0.2471373566662559
1009-52644-0154	159.00188	52.03837	18.989319984126983	0.14323721415098659
5889-56038-0634	168.43319	18.667421	18.843482900900913	0.09705526098397772
0326-52375-0626	173.09827	-1.768649	19.539522616352198	0.29181719248937915
7284-56683-0924	151.02204	46.443856	18.803391261194026	0.29710224664063806
6421-56274-0422	171.53616	22.970219	20.168407067357524	0.3116551085929043
8170-57131-0814	172.30436	55.416211	19.97710834821428	0.3102228858527651
6697-56419-0563	173.10144	54.934287	19.67832672519084	0.23708143353444222
8844-57424-0412	170.76544	38.105608	19.979058934782607	0.44901357333391356
7392-56992-0518	161.40091	46.875052	20.37316605737705	0.3128906956622731
2489-53857-0628	168.43751	24.296843	19.45334592964825	0.19347660446669906
0275-51910-0456	161.40641	1.0604634	0	0
1369-53089-0057	181.76113	44.314427	0	0
4637-55616-0212	151.03084	35.413556	19.80968045783131	0.28321785187244036
8177-57374-0200	169.21105	57.024069	19.607315183908046	0.39832259097059586
6417-56308-0428	161.40803	23.958437	20.108118794425103	0.3113876070996224
8849-57457-0546	168.4465	37.497627	20.329183743589745	0.11584324350988498
8381-57512-0422	176.92938	41.294552	19.76641632941176	0.3131985170764841
8844-57424-0145	172.3205	38.880083	20.265621422459905	0.2628446434069255
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SDSS_NAME	RA	DEC	MagAve	Sigma
0560-52296-0417	158.20609	60.807289	18.795767179916332	0.18124199356081538
8819-57450-0836	169.22756	40.058828	20.616376298245612	0.13639555743585813
7098-56661-0677	176.93294	60.468543	19.932266666666665	0.15551439684667648
8370-57520-0680	175.45036	44.39218	19.858497572115375	0.21260625200133354
5339-55922-0368	154.83389	7.5844462	20.193429495283016	0.3573033630595305
7099-56666-0834	174.69832	58.830075	20.4755492195122	0
3837-55572-0872	167.65507	0.59680564	19.983305022421526	0.3486859026438912
8184-57426-0612	164.49662	59.234387	20.4703065	0
8165-57374-0574	165.26354	52.637284	19.924451950819673	0.33428067168309894
2591-54140-0553	157.39049	17.837112	19.409394683257894	0.2630548127158234
8856-57453-0011	154.84518	35.826056	19.38407910833333	0.20812329334648721
7109-56658-0286	169.24435	61.164532	19.719434800000002	0.49239769896938873
4566-55630-0876	151.78356	41.366081	20.109686606666656	0.4755571074520697
6413-56336-0608	167.66943	26.337506	20.31143025433526	0.31531164218315844
7103-56661-0588	164.50646	61.705902	18.924302333333337	0.1350782227225332
7110-56746-0334	168.47804	63.674152	19.726390128571424	0.21613471393663689
8228-57423-0458	177.72622	52.417705	18.252322882608684	0.15423152290315242
8825-57451-0678	151.06096	39.484401	19.939912352941178	0.43859296908340695
5877-56041-0772	167.67605	19.88578	20.27591198913043	0.49000036858861745
7388-56783-0094	159.06773	45.24985	20.049284690140848	0.3495201439771593
8183-57375-0593	168.48813	59.724861	19.28414095454545	0.21612666016564125
0561-52295-0518	162.2199	60.962941	20.10040297142857	0.42107038306843464
0503-51999-0464	154.86405	2.4226219	19.10487966972477	0.2121228065565842
4611-55603-0257	181.81851	31.82032	20.102687281437127	0.41485128598426624
8167-57071-0714	159.07564	52.037838	19.668649000000002	0.19212094789710193
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SDSS_NAME	RA	DEC	MagAve	Sigma
1623-53089-0014	181.82647	6.4285294	19.188312521531106	0.23661483799716954
6422-56328-0728	175.49823	23.191844	20.34910413669064	0.32589439359588973
7384-56715-0674	152.55466	46.482773	19.82197158854167	0.30935782594832345
1015-52734-0166	174.74787	54.369846	19.06361061073825	0.18211097473754295
8183-57375-0596	168.50774	59.864989	20.288840636363638	0.14935407615518917
7393-56749-0114	166.87886	45.767446	20.578036609756097	0.18645621664971998
7387-57038-0816	159.9026	49.394998	20.777792722222223	0
6689-56396-0288	178.54517	52.773643	20.416059736842104	0.26463788828033213
6416-56312-0122	176.98889	23.820835	19.856954915194347	0.298313451184202
0326-52375-0132	171.61881	-3.4990069	19.28237555123674	0.26505509321285625
8359-57449-0274	163.79472	43.402394	19.903826949074066	0.3358075225684172
2882-54498-0159	164.55145	63.02218	19.784768647058826	0.29478312503034226
7115-56667-0164	179.34917	66.23782	0	0
5380-55980-0768	176.25332	10.140168	18.921937847533627	0.18832245276639148
8181-57073-0548	151.10181	55.029377	20.626699964285713	0.27596720943375336
7113-56711-0121	174.77089	62.423588	0	0
7395-57131-0706	167.72269	50.703657	0	0
8219-57429-0392	181.86341	52.708523	20.19527736486487	0.2429742795974762
1366-53063-0082	173.99929	43.934913	18.944720770114948	0.11276388667435795
7385-56710-0987	156.63863	46.845002	19.712548833333333	0.2125217086231055
6455-56370-0962	156.64304	32.026403	19.89066491205212	0.2739398190969142
6448-56365-0584	159.93344	32.514325	19.847477074074064	0.3549867120235806
3788-55246-0396	167.73368	-2.154382	19.150968476635498	0.1801874877653242
6646-56389-0394	172.41029	44.056959	17.901762619926206	0
8368-57431-0138	172.40925	40.96376	20.40088664625851	0.3361131593472459

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SDSS_NAME	RA	DEC	MagAve	Sigma
7103-56661-0102	166.91434	60.017811	19.907512410714286	0.3563608591671831
1982-53436-0544	159.94404	33.601116	18.99136600508906	0.31126260172917264
2103-53467-0068	181.88473	35.974252	18.439004075075072	0.12838361467433634
6413-56336-0638	167.74961	26.363728	19.781086559748438	0.30254064643840006
6701-56367-0540	160.74042	48.717858	19.788302019108283	0.403687402168492
5374-55947-0862	173.22351	9.1325617	20.238366276381903	0.29845304620646507
6703-56636-0766	161.52071	53.082636	19.606626037974678	0.28171809881622895
5881-56038-0304	177.80438	17.633931	19.04520617199017	0.12587471662061872
4559-55597-0282	157.49932	36.682585	19.262465435567005	0.2923335687112465
2352-53770-0134	159.15092	24.09772	18.66155615536105	0.08810985808190154
0598-52316-0436	177.04951	64.915288	0	0
4852-55689-0574	158.33644	6.6805017	19.803976267973844	0.252123169740369
7403-57071-0951	178.61683	49.733802	20.581942142857145	0.22069039650259223
6694-56386-0872	159.16386	51.297499	18.865842208556153	0.20970415519121088
0278-51900-0101	167.7734	-0.67734409	19.29890047230321	0.2374888866771899
7110-56746-0230	169.36466	64.241453	19.38194197872341	0.3155353909375921
6700-56384-0165	166.17466	48.921117	19.97903171428572	0.2977141788056712
7093-56657-0312	170.15171	55.508222	19.824417676470592	0.3481972222375015
0882-52370-0423	179.42117	52.662491	19.153793871999994	0.1442443693952199
6457-56330-0476	157.51949	26.811512	0	0
8856-57453-0810	153.38644	36.100712	19.92313925559107	0.24722437458915078
0775-52295-0359	167.77889	61.923346	0	0
0276-51909-0557	163.8653	0.33376681	18.60475668333334	0.11369827451500833
7088-56657-0236	159.17531	57.253929	0	0
7382-56991-0312	156.70266	49.120403	19.733249975460126	0.278547794062784

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SDSS_NAME	RA	DEC	MagAve	Sigma
5345-56010-0980	159.98992	14.782799	19.814544000000012	0.3727536156850345
6440-56370-0540	166.19425	32.864012	19.650681183673477	0.3146272802410801
2409-54210-0487	162.33836	0.600585	19.43062581191222	0.20517085776514757
2357-53793-0413	163.88099	27.040526	17.786117104651144	0
6662-56364-0092	154.98731	45.958056	18.94311257421875	0.20538965302275855
0906-52368-0373	160.00158	56.191542	18.89678309550561	0.3175550179399745
8382-57513-0132	181.94681	41.461064	19.503916621276584	0.24776605235346527
6702-56381-0014	163.11397	49.839507	19.457824659793815	0.19709529320969993
6426-56334-0045	161.58037	21.509925	20.19254004980843	0.34372259525301985
7088-56657-0310	158.38403	56.683839	20.019704329268286	0.2669139878559826
8360-57452-0538	165.41524	43.857161	20.234069858823535	0.3073230549501065
5362-56017-0486	166.21591	15.249421	20.1986805764706	0.32708762616535264
5374-55947-0613	172.48883	8.0547875	20.02589932217574	0.5158627823835511
6427-56328-0270	163.13106	21.778533	0	0
4557-55588-0436	155.01062	42.160154	20.15839747286822	0.3315055269714327
1446-53080-0247	177.88281	46.52194	18.811754857923482	0.12895890531630427
8167-57071-0164	160.02998	50.460351	20.34818661956521	0.298851453017874
1010-52649-0447	161.60006	53.907305	19.144273468085117	0.2649414752810836
5379-55986-0824	175.62114	12.725711	19.58136370996978	0.32875111026839055
8367-57429-0748	168.63915	42.791394	20.228557038461542	0.32628801337287044
3775-55207-0898	175.62171	-1.5634486	19.869957320241696	0.24409024214322442
7112-56666-0047	180.30307	63.589618	20.024561939759042	0.4200828697197696
2590-54175-0387	155.01787	16.541552	18.64743356611571	0.1450227252595058
7103-56661-0306	165.44654	60.18345	20.53952225	0.2992837201762341
6418-56354-0270	164.66846	23.551377	19.691265632768353	0.39265878954095823

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SDSS_NAME	RA	DEC	MagAve	Sigma
8819-57450-0754	168.64398	40.209896	20.516236709302316	0.20300624508711382
7396-56809-0458	170.20851	45.85213	20.204959241134752	0.2504472765420096
6402-56334-0844	179.48943	28.594203	18.59769055194805	0.28079276291596345
6697-56419-0682	174.0994	55.128991	19.775006157894744	0.427922107022024
2593-54175-0627	160.04083	18.307781	18.921408019396534	0.13934139556285802
8849-57457-0141	170.2194	36.041086	19.435253125000006	0.39418259698731867
7090-56659-0752	156.76859	62.67075	20.483175781249997	0.3251068398403366
8228-57423-0146	180.32304	52.992565	20.08885857377049	0.2692789577401916
7103-56661-0614	164.68514	60.597068	20.366348342857144	0.14316576060467479
5353-55980-0038	163.94004	12.53056	19.85557426415094	0.31201879525554327
7403-57071-0522	174.89777	49.941147	20.118733017699125	0.16958783921339432
6465-56279-0525	153.46388	25.429708	19.610467333333333	0.25058026183748616
4651-56008-0584	169.44617	41.786261	20.026756480000003	0.45066479974088847
6685-56412-0664	171.76825	49.979972	20.046249657894734	0.3932486485853253
6644-56384-0008	181.16953	46.594809	19.59058389393939	0.22587205139595493
6433-56339-0480	174.12469	30.637603	18.79961141666667	0.08795376316377365
6469-56328-0462	151.23565	29.132764	20.206645049382708	0.2612986783211373
6456-56339-0367	156.78818	28.200129	19.13350739590443	0.2689649342196587
5357-55956-0122	165.47512	10.902342	19.79985491569766	0.34228151368783466
6403-56357-0008	179.51768	29.939466	18.569287203761757	0.08237364722455756
1366-53063-0498	173.34628	44.457086	18.748623751824816	0.26512103280098936
8165-57374-0058	168.68444	51.798923	20.10303248113208	0.2939523938646353
4617-55617-0238	171.01427	38.509145	20.495772930555557	0.27574460328979217
2008-53473-0589	176.40201	32.533289	19.512259515358362	0.286708991908167
6453-56365-0024	162.41359	26.800722	19.999273772455087	0.24621681731689088
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SDSS_NAME	RA	DEC	MagAve	Sigma
8819-57450-0725	168.68894	39.67225	0	0
7090-56659-0727	156.80561	62.270435	20.295170475000003	0.40194754612999367
6969-56420-0658	182.04292	59.141005	0	0
2509-54180-0005	177.94018	19.096795	19.176653820197032	0.27262280960951896
6432-56309-0548	175.6783	21.230462	18.006933815249266	0.0818222458169333
6698-56637-0090	172.56336	52.475661	19.931695908256888	0.48102497951844353
8854-57450-0118	151.26638	36.614233	17.40638334173669	0.16820429107484147
5331-55976-0320	151.99551	10.615533	20.074639973333323	0.24403161728470493
6408-56329-0472	168.70835	27.208905	20.191524495999992	0.3530168153515096
6682-56390-0442	181.2082	51.509428	19.568486396226415	0.2998078243992921
1357-53034-0242	152.75294	39.371923	18.855800883333327	0.21438474830461918
6706-56385-0354	163.98148	52.019899	20.18101443956044	0.2923551342350522
7426-56771-0575	180.37478	47.701648	19.754750539568338	0.4023897192519851
8219-57429-0333	182.0662	51.823665	19.989769131147543	0.366511129892481
8167-57071-0296	159.29859	50.979452	20.075446617021274	0.3120016903107364
6456-56339-0676	156.83421	30.288679	19.91530542727274	0.28393866845838406
8176-57131-0934	174.95485	57.433772	20.443238666666666	0.45465163628491634
8874-57426-0241	172.57742	35.897907	19.717880688172034	0.3020803571853732
8819-57450-0276	168.7206	38.822298	20.259682445714294	0.24122151215548662
7091-56658-0216	178.76456	56.967641	0	0
6434-56362-0279	171.04825	29.533667	20.377336955801105	0.20592024391412642
6445-56366-0776	163.21647	31.111292	19.96189114592275	0.3606517906519711
2511-53882-0106	177.18614	21.47319	18.049328246073287	0.07580016492360199
4653-55622-0906	177.18429	38.256768	19.880195345098038	0.29557181217139566
8853-57459-0676	157.67228	37.75309	20.260024779069777	0.39546787549303286
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SDSS_NAME	RA	DEC	MagAve	Sigma
7092-56683-0284	174.17973	55.254878	20.011250456790126	0.3047599007274335
6974-56442-0364	182.09274	62.80563	20.424793117647056	0.24659807609451417
7386-56769-0249	156.85362	46.600757	19.03608954581675	0.14883515572256234
6707-56383-0236	164.00994	54.354034	19.78753659574469	0.30893846747751064
7386-56769-0456	155.12467	46.885639	20.06898585	0.34681024142599526
7087-56637-0829	154.32027	60.61156	20.011058989247317	0.30684475672659894
4691-55651-0812	158.5186	44.745167	18.98489451324503	0.16076202568215392
6697-56419-0813	174.98071	54.776264	0	0
6420-56304-0334	169.52103	22.643847	19.354167584958212	0.2774863697740243
6706-56385-0775	164.76378	52.596764	19.925707490909097	0.3429245341113
6644-56384-0020	181.25767	46.96599	18.81895226484019	0.20770807839687788
8841-57425-0538	178.79806	39.401006	19.61356603781513	0.32419526739652565
2494-54174-0595	171.07478	17.392344	18.2293907337963	0.1539128740155244
5389-55953-0896	181.26168	8.2433871	0	0
0907-52373-0551	164.03154	56.304662	19.15756918705036	0.23174242314105925
6407-56311-0880	179.6064	21.439167	0	0
8185-57431-0338	160.95707	57.550409	20.380599630434787	0.3859484175678352
6416-56312-0922	177.21949	24.954394	19.974819689045937	0.38647931680323
5346-55955-0048	160.15997	9.7790766	19.760503682539664	0.2825964435617032
1226-52734-0375	176.48438	11.005121	18.911632022421525	0.2678023713432118
7391-56781-0540	159.3567	45.942804	20.00612147530864	0.32643475267858074
8874-57426-0654	171.88204	37.473991	19.097960448717956	0.294770132703084
5381-56009-0556	175.75938	14.810737	19.312067052083343	0.21279696126894224
6403-56357-0254	178.02916	29.349102	0	0
0596-52370-0047	168.78262	62.944611	18.72293026923077	0.29072350656578355
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SDSS_NAME	RA	DEC	MagAve	Sigma
7381-56717-0005	156.02948	48.097128	19.231165651960794	0.20488364996238848
7112-56666-0062	180.45157	64.287911	20.1527475	0.2766033245624277
4647-55621-0158	179.62963	34.123231	19.755109824489786	0.4747998334793226
6411-56331-0938	178.82756	26.766624	17.56895938814016	0.052999705277747916
8367-57429-0938	169.56097	41.822058	20.2354125	0.33391919702268524
8359-57449-0794	164.06345	44.495667	20.39067618181818	0.36446708058273103
8849-57457-0132	170.3535	35.61103	20.41586927941177	0.3593037060136547
7101-56659-0008	168.79486	55.399927	19.985320165289266	0.3302713546560845
7114-56748-0400	171.11325	65.331395	19.413582980769228	0.28246791204880156
6473-56363-0298	180.46567	29.860234	19.62319717567568	0.5335429546684264
2592-54178-0613	158.57856	16.513736	19.45236362113402	0.2965135943272054
6682-56390-0719	182.19618	52.907856	19.729592210526313	0.41918133918023026
7409-56809-0236	200.51847	47.784671	19.8512155	0.22252105506035819
6837-56442-0038	188.94945	57.788886	20.240655428571433	0.3019701434671031
6638-56370-0062	183.12641	43.250418	20.22044009803921	0.35763465464016414
0339-51692-0361	196.02228	-1.6512059	18.79713875794622	0.15264814488786022
6743-56385-0437	200.52879	48.65554	17.960315475675685	0
7430-57105-0131	207.56194	49.19008	19.139096	1.2678532369019277
0786-52319-0541	207.56127	61.166388	19.864793550458717	0.33853039035463584
0521-52326-0464	189.8423	3.0994546	19.5618629420655	0.2625360416199176
4863-55688-0318	210.27213	6.4883028	19.63779707931033	0.36337475180744955
1381-53089-0384	216.00889	38.351159	19.501659130044843	0.2082489897650416
8869-57481-0863	194.19165	37.674205	18.72886225609756	1.139328526924231
6754-56414-0240	199.62964	50.466631	18.96581141899443	0.21498261272893646
8503-57519-0098	213.17328	42.551133	20.6178648125	0.11771390481136242
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SDSS_NAME	RA	DEC	MagAve	Sigma
8385-57511-0332	189.85818	40.642507	19.289170453183523	0.4033639607021125
0527-52342-0377	201.48049	3.0233902	18.29549621411766	0
6670-56389-0992	190.72877	49.316389	20.242282011764708	0.19071422215627057
4860-55691-0698	216.98803	6.6728815	19.81874245878135	0.37859368602074567
1975-53734-0150	191.60249	31.580635	20.091131194690256	0.38243877675257953
8223-57429-0292	196.96752	50.715389	20.04126459090909	0.4670026697917918
5853-56045-0166	188.99443	18.69782	20.47948234782608	0.2261547908584167
4703-55617-0842	193.3454	42.077187	19.551442580246917	0.25011096808744987
5898-56045-0992	216.99446	22.098599	20.145253055555557	0.24759832755003136
2641-54230-0126	203.35434	18.343079	18.93627964488635	0.10571811914649136
1766-53468-0030	185.65688	14.397503	18.89006126700252	0.1600380545712365
8223-57429-0250	196.98237	50.316344	0	0
7418-57165-0168	188.12889	48.513234	20.14176551470589	0.42155561535848557
7424-57160-0750	183.97113	49.247404	19.408176131578948	0.19419444983773232
8386-57518-0796	193.3589	42.588678	20.11222434848485	0.3844065462673436
6744-56399-0592	204.26561	50.182763	19.428663075757584	0.2638155971783767
4784-55677-0688	209.28045	4.9947924	19.771517889285715	0.2639264888582201
5452-55957-0584	211.38003	9.8435663	19.31156685802469	0.19242396060447955
2744-54272-0434	210.31022	15.899309	19.028136015822785	0
3862-55276-0448	210.31307	31.294879	19.89035184474888	0.28980309327135106
5414-56014-0004	194.22546	15.266673	19.119488089385452	0.15842262859734288
6636-56367-0814	188.13617	44.975615	19.589614729299363	0.2799212227727383
1460-53138-0354	196.99251	42.693241	19.123011177033504	0.1836466811035919
6744-56399-0510	203.36387	49.668898	19.239498138888894	0.24844863919013674
5410-56016-0424	190.75514	13.516418	18.185863428571423	0

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SDSS_NAME	RA	DEC	MagAve	Sigma
6637-56370-0280	184.81716	44.421674	18.892547765625007	0.17374211841137274
5460-56000-0964	217.01649	11.212043	19.869241507352932	0.2933501976601173
4005-55325-0324	195.16413	0.92015494	20.31109209580839	0.38338336125897404
6009-56313-0498	208.43715	27.792923	18.06988530792683	0.06565226211366232
7339-56722-0303	213.21802	52.512824	20.8623548	0.469134600613577
6817-56455-0390	199.66959	61.460699	20.33831704878049	0
0780-52370-0637	189.89203	62.555652	19.377009472972972	0.25423330706599984
8503-57519-0518	210.32911	43.429843	19.54796454411764	0.2591295523076284
5441-56017-0952	207.62615	15.789315	19.975388730769218	0.2670114941952012
0781-52373-0568	191.64178	63.386708	19.079976277108443	0.1274568038207655
7423-57135-0072	183.19978	49.426476	19.301539397727282	0.10526386621324957
1378-53061-0624	210.33835	40.310606	18.881144736363623	0.14864332024998464
7339-56722-0119	215.15509	52.874069	19.906896500000002	0.28433743692473146
7339-56799-0108	215.15768	52.914676	20.130751769230766	0.2104319633776648
6970-56444-0364	191.65442	61.520686	19.736529789473682	0.2775405224210862
5416-56002-0942	195.19267	14.922547	20.125159170984457	0.32603883956748836
7430-57105-0306	205.97953	49.122063	0	0
5403-55979-0524	186.56238	12.15706	17.772069987179492	0.06688485737751843
5391-56000-0822	182.32518	10.313229	20.50946721126761	0.477977756643339
3855-55268-0462	211.43949	35.77314	0	0
8383-57518-0020	185.70951	41.473022	20.306530993055567	0.2945190657771347
3857-55272-0846	210.3743	34.756431	20.39610207407407	0.2224174358371781
8227-57427-0208	187.34211	49.895982	19.482079206060604	0.27995910878130625
0971-52644-0156	187.34559	49.947348	18.68614846875	0.09461272163876412
2032-53815-0608	199.70801	38.735612	18.902714461538444	0.1089650529260766
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SDSS_NAME	RA	DEC	MagAve	Sigma
6489-56329-0694	200.6343	30.536636	17.972180166112945	0.19770722061719942
7339-56772-0330	213.2607	52.061444	20.8588484	0
6724-56416-0294	217.06475	49.507879	20.279130705882356	0.23037162848786472
6738-56424-0902	204.3241	52.457059	20.0998156440678	0.41426992651237177
6627-56369-0485	201.56928	44.340145	19.943644662068966	0.3233196993994828
6759-56416-0192	197.04367	51.783946	19.53281454054055	0.21294129811232634
8503-57519-0372	211.45592	42.495593	19.598982814516127	0.3244866755578139
2654-54231-0179	205.20399	20.491891	19.00439728228228	0.1258670128976679
7340-56837-0593	212.37403	53.991661	19.316993347368427	0.28253749836289216
5854-56035-0790	189.95114	18.625478	20.453558613636364	0.2347787575533876
4757-55653-0780	193.4263	4.1376931	19.908759954545452	0.4622320808399778
8499-57431-0588	210.40636	48.401353	20.332894745098038	0.2804155798399509
4750-55630-0482	183.24443	1.5242197	19.413531185520355	0.23665854539274775
0917-52400-0633	216.13493	-1.7697572	19.26862032727272	0.2231902273768225
6746-56386-0414	211.47736	48.454426	19.639709864406782	0.2410781464944185
5411-55953-0612	190.83487	10.396193	20.423150086092722	0.272411606856724
4034-55635-0304	212.3869	-0.39382883	19.611685859550562	0.22951786871577579
6745-56425-0282	208.516	47.980524	19.1028162	0.2437030731477213
3847-55588-0744	186.6069	1.2679339	19.5021557004717	0.2144029933912291
6484-56358-0018	196.16859	30.725917	20.214874523364482	0.15931226593849568
0338-51694-0045	195.24991	-3.0540497	18.80235553645834	0.12438416592819922
2126-53794-0287	212.39459	28.096563	19.13827086046512	0.22591585621460591
2613-54481-0306	188.23327	19.070884	18.709833798342547	0.15803630972907035
1697-53142-0524	198.84939	12.959913	18.70667667616579	0.1338433808873021
5411-55953-0246	191.71971	8.8688718	19.35174553888887	0.22494392094716
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SDSS_NAME	RA	DEC	MagAve	Sigma
7408-56780-0146	200.68971	45.438977	19.65906140566039	0.5048337393022547
0849-52439-0582	196.18385	5.4724582	19.04521813675214	0.1938507364535085
6666-56371-0634	190.86517	48.643257	18.633955923976607	0.1973614389880932
1808-54176-0638	211.51672	7.0762703	19.155141724242423	0.12654913216969688
8388-57488-0131	199.76963	41.483053	20.38879698809523	0.29563221217632335
6749-56370-0218	207.70447	46.434412	20.12687257692307	0.4886421538339774
5437-55973-0794	205.25536	8.6321391	18.097356633053217	0.09914896030268239
7123-56726-0084	214.30749	62.764967	19.19003219512195	0.08806053714281625
8865-57426-0206	184.08601	36.299063	19.85304492968752	0.38074396659750304
6626-56330-0140	206.05651	41.815931	17.344707460580914	0
5446-56014-0342	208.54637	14.425557	20.12637140869565	0.32887500766095595
7030-56448-0961	217.13445	53.172861	20.116430000000005	0.3188000890620755
8871-57519-0845	198.8666	36.611209	19.37789044871794	0.5094838202024015
2600-54243-0482	189.9991	18.016034	17.09977567119565	0.06463738700824612
5406-55955-0732	189.13389	10.325513	20.332562726027394	0.45111379476674524
1993-53762-0533	203.48808	35.360718	19.499791537254907	0.2647863143904234
8206-57424-0336	206.06717	52.744636	20.208258697368432	0.3145763824731826
5869-56064-0964	209.44465	22.139326	20.13717262195122	0.45185026598142175
1286-52725-0390	211.54383	47.209257	19.752235735294107	0.2716259620202531
8503-57519-0978	213.35319	43.943273	20.05715393081761	0.24404891225597677
8387-57483-0270	196.21297	41.288982	19.317190362204713	0.12788705476375936
2232-53827-0503	185.79588	30.464835	18.824338134969334	0.13548866532106468
6757-56416-0276	203.50655	53.33509	20.2950412631579	0.33340100090883107
0957-52398-0462	193.49207	59.971486	19.037032697916672	0.24699356635590314
1375-53084-0520	198.88594	44.579869	19.131643599999999	0.11834239332144568
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SDSS_NAME	RA	DEC	MagAve	Sigma
8391-57511-0441	205.28611	41.166416	20.478972872093017	0.362160796417056
6760-56425-0866	198.01732	56.086888	20.066668000000004	0.2538974013620554
3972-55589-0448	190.90445	37.770728	19.92438742016807	0.3435581612719729
6833-56413-0992	188.28128	55.571422	19.47703939130435	0.2594327202402203
7339-56772-0647	212.46588	53.526044	19.84859155882353	0.3379054134427673
3846-55327-0636	184.13285	0.8305052	19.781484586206894	0.08791216638898923
4833-55679-0158	187.44827	5.8833406	19.094199889784935	0.4531896127403656
6495-56339-0414	210.50309	29.070118	19.6598055116279	0.3022887215699254
6628-56366-0750	206.09801	46.29628	19.424005751798557	0.25880526980748925
6009-56313-0836	210.50627	29.077278	18.85011655743245	0.1219425502201804
3858-55273-0236	212.47193	33.924466	18.84616817529881	0.2611848282514052
5452-55957-0824	212.47731	9.9374695	18.822114831288328	0.16565861602174517
8866-57457-0994	187.45562	36.815277	19.7507550179372	0.29652140430331664
1458-53119-0315	193.51657	41.052996	19.25995610810811	0.17338116704137824
2108-53473-0021	183.33343	38.150677	18.26934445847177	0.10533466717850927
2014-53460-0374	206.9203	39.012773	19.058913283842802	0.16443513068293217
6479-56364-0682	187.4688	32.742821	19.690662401544397	0.27101881027505237
6974-56442-0166	184.15341	62.944027	19.778286593749996	0.7792479702481854
2121-54180-0118	211.58969	31.548029	18.380697126760577	0.09611004703078437
8835-57427-0765	188.31422	39.833764	19.550355582089544	0.2437782885245288
3854-55247-0276	210.53703	36.509915	19.939054278195496	0.33760769849934363
8835-57427-0906	189.18859	40.498418	19.954411025477704	0.326986530542516
1612-53149-0216	182.47067	12.633979	19.072400197044313	0.193259091186996
0583-52055-0301	212.50197	4.4521585	18.864594513043475	0.11610175500421858
2243-53794-0494	198.92886	27.241224	18.740023672025735	0.15296516570251878
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SDSS_NAME	RA	DEC	MagAve	Sigma
2610-54476-0494	184.17349	20.087012	18.693888215736052	0.2621358277721612
4034-55635-0940	213.41598	-0.0013120536	0	0
7339-56722-0631	212.50922	53.625053	20.55834133333333	0
8223-57429-0350	196.28177	51.237684	19.73019285585585	0.27829374517004996
5464-56035-0579	216.26516	17.339859	18.44791466101695	0.49330139971296444
1795-54507-0045	198.07017	6.3460018	19.243843366762185	0.3590496297549321
8503-57519-0504	210.56326	43.943435	18.26927793749999	0.15893492940963203
6636-56367-0980	189.21366	45.559592	17.715049082051287	0
6969-56420-0214	183.36404	58.255093	19.206276012345672	0.14921471500426586
4027-55629-0381	215.35051	1.2085387	19.919169287671235	0.40991086968104273
8199-57428-0040	209.52784	58.499753	19.291867688679247	0.20348328466713622
2003-53442-0143	185.87035	35.899174	19.025293849230778	0.2595384290364256
5858-56063-0642	206.14492	19.98487	19.53769564482759	0.2003768612194337
8222-57431-0308	193.56392	51.555485	20.248534384615386	0.26233795265164317
0497-51989-0178	206.14494	65.779167	19.977541750000004	0.18781580772537945
4832-55680-0354	184.19237	5.6678274	19.809344753246748	0.3462236395186288
6623-56367-0620	198.95712	44.379272	19.69448903571428	0.3166118914488556
2742-54233-0613	207.80906	17.21795	19.088774715686277	0.3806153159749989
8218-57519-0298	196.29816	53.148537	19.97355214606742	0.3113855278114113
5968-56356-0624	190.1018	29.029273	18.843355853124983	0.13892494626611623
8226-57423-0324	184.19842	49.952948	0	0
1372-53062-0052	190.10269	43.98034	19.075095599118942	0.2129326725580475
2015-53819-0581	188.36782	34.661834	18.657035869009576	0.1581601405362494
1395-52825-0210	216.3095	41.898223	18.680369887931036	0.1816530126470434
2649-54212-0013	194.47596	21.57708	19.50989938977638	0.20169805735655255
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SDSS_NAME	RA	DEC	MagAve	Sigma
4835-56016-0026	192.72115	5.6033949	18.507196314371257	0.09165410466082055
5993-56070-0810	199.90968	23.578854	20.210508885350315	0.3615463688336266
6485-56342-0644	192.72167	32.819156	19.81676750691244	0.3073165872948083
0302-51688-0107	212.56401	-0.23857872	19.136091616187983	0.15031231561693664
7422-56799-0212	188.37527	45.294913	20.593208217391304	0.3919000436443112
2128-53800-0282	213.47489	23.460277	18.28967878082191	0.09862474495344252
6669-56413-0732	191.8613	50.218746	20.152410014925373	0.3236423796462474
6682-56390-0103	183.41495	51.680233	20.36205808955224	0.27461848344816714
2756-54508-0268	207.84467	17.900514	19.026068947089946	0.20303371913354312
5423-55958-0798	198.12374	8.142614	18.93673867313019	0.16661901298830364
4708-55704-0700	203.63254	40.399291	19.867834199115027	0.4672815925700333
3974-55320-0172	194.50487	33.391952	19.968490155963302	0.29664736116831936
8218-57519-0430	195.42763	53.379638	20.039776039473686	0.3556933279544763
6831-56426-0700	193.62018	56.897261	20.33120432051282	0.28239963304974347
3856-55269-0304	206.19284	32.893004	0	0
7339-56683-0073	215.41236	52.916332	20.309677125000004	0.16040093594211283
8206-57424-0848	207.00918	54.414622	19.440391676767693	0.29776247208023676
4706-55705-0739	197.25989	40.650422	18.38221554022989	0.0059526187463246095
4708-55704-0718	203.6413	41.140047	20.0360915171233	0.3330117183116479
5452-55957-0646	211.69175	9.2672847	20.535782046511635	0.14631681372625166
6801-56487-0258	209.5961	54.702705	20.335517326923082	0.20466538624984465
6627-56369-0526	201.81392	44.920126	19.953943797297296	0.29748053305931393
6621-56366-0160	197.2643	44.13825	20.639633288888888	0.30475988367701307
7339-56799-0492	211.69791	52.998935	20.264324404255316	0.14386111118107972
7429-56740-0076	207.01794	45.667488	20.100917406666678	0.3546256723861666
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SDSS_NAME	RA	DEC	MagAve	Sigma
5170-56063-0446	214.48734	39.253586	19.81051157142858	0.2890386710045643
0602-52072-0578	198.14983	65.389921	18.70019626153846	0.15962264715874497
1993-53762-0032	204.56322	34.652234	18.659824216312057	0.1500372481928294
6821-56396-0034	209.60636	63.647429	19.801780343750004	0.2370342141412521
8865-57426-0690	183.44611	37.400368	20.15781988095237	0.39449835587214427
1380-53084-0295	213.50877	37.756252	18.288687971311482	0.001956681556919175
5411-55953-0614	191.03269	10.428873	20.078635089887644	0.44135923698443175
8390-57485-0588	202.7509	42.71468	19.43753496601943	0.24765043500768558
6827-56428-0374	204.58015	54.689918	19.97144001492537	0.3406491734776414
4049-55591-0218	200.90531	-3.2079432	19.317528111111113	0.2109184227720209
3793-55214-0764	191.04602	-1.2431437	20.11044576255708	0.3073485819831371
6632-56366-0248	184.27049	39.520018	20.279292118279567	0.39100375208201976
2243-53794-0439	198.16992	26.910921	19.365381389261756	0.2558291859724905
6797-56426-0568	211.72246	55.391752	18.54462447747749	0.07868914226981125
0782-52320-0572	194.54203	63.227657	19.605902024390247	0.17227878001842484
6973-56741-0758	188.43204	65.205787	20.160039200000007	0.3674783198077711
6635-56370-0430	190.19012	45.396219	0	0
8223-57429-0780	197.29335	51.707759	0	0
5455-56009-0788	213.5398	15.576433	20.38249786764706	0.40840076928396596
1975-53734-0220	190.1929	31.376008	19.336950754512632	0.18446887867793846
1826-53499-0030	216.38823	5.8893314	19.059018106849326	0.16835358077761975
7433-57166-0150	199.981	49.193215	19.940208583333333	0.15959656247549342
6674-56416-0404	188.43681	50.293432	18.87647183204135	0.45564978451151256
6666-56371-0355	191.06257	47.240488	18.976093267759563	0.1318700931342475
8406-57513-0226	216.391	49.974073	20.473170760000002	0.15930869928847932
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SDSS_NAME	RA	DEC	MagAve	Sigma
0916-52378-0226	212.63812	-2.6735625	19.543744883116855	0.3428073983222954
6968-56443-0482	185.10462	59.282645	19.465059254716973	0.2964785239824767
4612-55590-0946	185.10435	34.246053	18.777876357575757	0.34892756281646636
8495-57481-0324	216.39885	45.674617	0	0
6810-56447-0104	205.44613	59.140452	20.232629740740737	0.2833340804763535
7407-56772-0120	203.69765	45.784996	19.019983873655903	0.4746140273172519
5448-56013-0934	210.70837	13.520815	19.191027655172416	0.210257563336423
1464-53091-0143	203.70722	40.527319	18.524753936170207	0.12515802245931087
5894-56039-0796	211.75133	20.321233	20.016911062500007	0.2429946514123084
6823-56687-0740	197.32394	63.891478	19.115273999999996	0.07618778819740993
5402-55927-0695	187.6129	7.7639371	19.529507349442376	0.3028101940472748
3853-55268-0392	207.06631	35.010285	19.273757883720936	0.22465427221791665
3974-55320-0892	194.57471	34.829617	19.803860940677975	0.29260420668894216
1346-52822-0187	209.66608	41.884781	18.625551497835488	0.13115930211203633
6826-56449-0804	200.00458	66.378914	19.28963766101695	0.46127872895933264
5431-56011-0430	200.94848	14.059729	20.24191215079365	0.4062335190928882
2000-53495-0126	190.22189	37.14131	19.535370709163345	0.4259303609744676
5400-56308-0752	186.82909	14.26115	20.005501899159658	0.3805216934400467
3986-55329-0268	204.62835	35.020815	20.11568747727272	0.33528279936016564
8375-57520-0342	191.09217	43.521373	20.327971762500006	0.3581394363042117
0884-52374-0060	187.62305	51.640181	19.06858217482517	0.15409701612480003
8503-57519-0854	212.66604	43.618318	20.590616933333326	0.06129347879205196
4703-55617-0260	192.81742	40.635058	20.010686966887427	0.3311982976769834
2760-54506-0327	215.50381	18.289557	18.570775803278686	0.1153277584013197
7339-56799-0038	215.50611	52.547295	19.639840855769226	0.3890286117380987
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SDSS_NAME	RA	DEC	MagAve	Sigma
6492-56362-0559	200.96584	31.771749	20.10188217567567	0.4062228578353607
1811-53533-0609	216.43385	9.6003654	18.06448426229507	0
4749-55633-0420	182.63004	3.5704397	20.099361187772917	0.3242669793305869
1460-53138-0242	197.35325	41.407752	18.490205183206104	0.06347950971126069
6626-56330-0228	205.48302	41.857508	18.56973555084747	0.20932307740228148
1279-52736-0417	191.9674	50.738303	17.859302080000006	0.23175558301456956
6823-56687-0452	195.52307	63.277443	20.138198754716978	0.2652736934498597
7428-56781-0323	207.95477	45.270741	20.378165459999998	0.42719879016927353
8218-57519-0482	194.61296	53.10524	20.047228624999995	0.2941848612675546
3852-55243-0468	206.28676	36.870799	20.106736260869564	0.4557373481790742
1694-53472-0640	192.84501	12.531124	18.486693874036	0.16638936040528327
2129-54252-0626	216.45287	31.23392	18.024640906040272	0.1646739986124975
2770-54510-0104	209.69558	20.293823	18.66005370476191	0.18673629998664545
0885-52379-0157	190.25846	51.871964	19.189301737226277	0.15203249618622267
2089-53498-0030	183.54065	33.617417	18.775455051829272	0.17854367289853282
5868-56045-0650	208.7956	19.76274	19.437925493975907	0.36407711218358874
5896-56047-0534	211.80746	21.81855	18.114241100628934	0.12305726439147861
1281-52753-0248	197.38567	48.215423	18.503300041208792	0.1281404299409014
4044-55359-0212	207.11429	-3.2294037	18.691249553264587	0.1306703729178536
8227-57427-0336	186.87249	49.905953	19.795567916666666	0.28776116865020024
8504-57518-0958	215.54343	42.401134	19.763229617834387	0.3120311309664368
4761-55633-0136	201.00638	3.339058	18.937715012135943	0.2996029651478871
5997-56309-0964	201.00645	27.427528	20.311542249999995	0.28398574586542535
8208-57430-0628	202.85603	52.77995	19.86736524691358	0.24097352022458415
8867-57460-0582	187.67516	38.213462	20.191499988700564	0.27639700521690697
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SDSS_NAME	RA	DEC	MagAve	Sigma
4751-55646-0696	185.19254	3.9707692	19.606287620991264	0.21825287329838655
6010-56097-0764	213.65059	27.367029	20.229076013333337	0.29823633371594305
6627-56369-0854	203.78878	44.939465	19.553743229591824	0.26159740762609585
5866-56035-0272	201.9619	18.683028	19.898751469785584	0.32172119261299736
7117-56685-0260	199.1555	58.27305	19.74220511956521	0.30306032569655034
1707-53885-0142	215.56074	10.323434	18.01801486338796	0.02900661129241217
2112-53534-0598	201.96218	32.925602	18.69205733699632	0.14397977228169218
6756-56426-0276	207.98964	53.291235	20.42047551851852	0
8387-57483-0519	194.65699	41.719314	20.028899539682538	0.29611640959335167
8392-57483-0262	208.83235	41.065979	20.273093415841583	0.3027597717366797
0603-52056-0350	199.16877	64.780986	19.67311672727273	0.1566758225891127
8211-57423-0612	202.87876	50.886335	20.019982846153848	0.7190793129478128
8209-57427-0076	208.84068	51.436288	20.035886149999996	0.2732839324920813
8495-57481-0254	216.51833	45.189226	0	0
2032-53815-0599	200.09699	37.57663	19.11080852868854	0.16153750432143013
8495-57481-0922	217.46552	46.397281	0	0
6826-56449-0706	199.17853	67.161726	17.81252014285714	0
6827-56428-0230	205.54901	55.107347	20.185569410256413	0.17979710879823507
6496-56363-0466	203.81952	30.927492	20.262805537313437	0.4350474157925428
8503-57519-0450	210.84754	42.487249	0	0
1989-53772-0555	193.80645	38.473022	18.830279819444442	0.24477819214900876
6760-56425-0372	196.53375	54.582376	19.209862442622942	0.26650447830482826
5457-55976-0842	214.66561	8.9323976	20.04286453508771	0.282314241837139
8840-57425-0132	183.59304	38.266093	20.190150805970138	0.3252122653876424
2115-53535-0255	207.18	24.810041	18.364436395833316	0.12551708358967034
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SDSS_NAME	RA	DEC	MagAve	Sigma
7414-56748-0038	198.32049	45.864199	20.409636767441853	0.2909535819256177
2115-53535-0626	208.86736	25.479246	19.320261447098975	0.16960286873015168
5859-56065-0158	194.70821	18.151759	20.514368977272728	0.36148360833757714
6830-56429-0374	197.46061	56.417678	0	0
0332-52367-0109	183.61577	-3.1225316	18.846155643002053	0.18447294221781355
8388-57488-0960	200.12788	42.481085	20.319350558441567	0.11910152114375537
5979-56329-0414	185.24982	22.636926	19.463065953124996	0.23237931900293324
5868-56045-0144	209.78978	18.950457	19.81825886861313	0.5166692417019654
1698-53146-0262	200.12628	11.26419	19.08726928723403	0.21261967865874704
1697-53142-0215	198.34189	11.143805	19.45984538305084	0.2503507841020972
0289-51990-0379	186.13376	0.71374277	19.114618789115653	0.28324991154486745
1322-52791-0212	205.58595	54.662967	18.927913653846147	0.26517305457886287
1466-53083-0482	208.88984	45.272262	18.45672878709676	0.11385425690378254
1042-52725-0586	206.39451	54.048566	18.655772550458718	0.17486573117582238
6622-56365-0730	202.03546	43.038698	19.741943461538458	0.2761659801553885
2642-54232-0276	204.7842	18.417981	19.657139043478256	0.2590867870160456
6740-56401-0156	207.22089	51.494705	18.370932546218487	0.184885889396987
1613-53115-0006	185.27945	11.443581	19.114917664948468	0.21409960675044404
7410-57104-0208	196.58081	47.976423	20.214362035714288	0.6440202398492418
6754-56414-0413	198.3701	50.091203	19.890859252336455	0.24899516815663603
6618-56401-0417	193.86128	45.394767	19.732273100917443	0.2550752085302183
1345-52814-0433	206.40892	43.439206	19.278096616161616	0.2550175052056364
0602-52072-0314	193.86289	64.023833	18.983302881578954	0.12042437102870532
2244-53795-0503	201.12065	27.100055	19.01317593811076	0.2046523730111037
5437-55973-0545	203.87339	8.867521	18.912318161290326	0.14174661799537663
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SDSS_NAME	RA	DEC	MagAve	Sigma
6817-56455-0594	199.24381	62.294264	19.471142548780485	0.165437009083458
6970-56444-0636	191.24759	63.612995	19.508113021276593	0.2574204403801182
6673-56419-0598	192.09448	52.743953	19.758083188172037	0.22426348679587924
4043-55630-0996	207.23505	0.24737242	19.29751134802786	0.5399786096454514
6809-56454-0798	208.92748	60.794943	18.858318389473684	0.17118267986693003
0584-52049-0265	214.73668	3.7317366	20.044478655601655	0.28889595929182066
7120-56720-0036	191.2631	66.495478	19.869711399999993	0.22328526245109034
6710-56416-0532	215.67277	55.082854	20.375022149999996	0.34453951962922696
3853-55268-0354	207.24231	35.025139	19.655949662551436	0.3219707003296648
6826-56449-0286	199.26232	64.749423	19.335985225000005	0.2040134611448322
4049-55591-0902	201.14338	-1.0768791	19.224589729483274	0.22070961908841807
8501-57519-0217	215.68233	42.550666	19.435319637305696	0.28409604940153904
0290-51941-0572	189.53494	0.87951967	18.702102327944587	0.12729470478276395
2018-53800-0089	195.67431	37.020635	19.08113433576642	0.2020893922365784
6681-56419-0475	184.48397	52.660759	19.50094579452056	0.26574162676777835
5406-55955-0608	188.64519	10.134051	20.1784886682243	0.31730869607826945
3986-55329-0762	204.82772	36.023492	19.675302918103437	0.24214674972846362
8834-57458-0258	185.31322	38.453183	19.365600285714287	0.47556635543719
2772-54529-0569	213.79852	20.683315	17.754930602484468	0.08008980093524444
6682-56390-0268	182.81343	51.690884	20.24483651578948	0.26884645811222824
2014-53460-0330	206.44158	39.037339	18.671891444444444	0.12343672980649675
8834-57458-0151	186.19843	39.075604	19.737256919148944	0.3229190564167201
0341-51690-0637	201.17328	-1.9005349	18.9720545104712	0.2143747699045683
3859-55246-0636	214.77617	36.467206	19.250584542435416	0.19270673739465238
1628-53474-0245	188.65571	6.4677127	17.90158795454545	0.06352265802128589
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SDSS_NAME	RA	DEC	MagAve	Sigma
7408-56780-0641	199.28733	47.303071	20.41994728	0.36341507960394925
0583-52055-0349	212.87837	4.7897786	18.54217065994234	0.14758820105975165
5407-55926-0054	191.29579	7.1821084	19.07021218092911	0.15749028926040076
2610-54476-0350	182.82952	20.517959	18.387776496183218	0.13337288904275196
1994-53845-0637	194.79525	32.41353	19.15934168813559	0.20995770116560147
5402-55927-0236	187.83565	7.431297	16.78528084192634	1.8147433867607587
6479-56364-0094	188.66657	31.168984	19.20474205902778	0.1732180735853384
6964-56748-0234	194.81183	67.336692	17.906272321428574	0
7117-56685-0033	201.19291	58.683329	19.767258342857147	0.1654809090355314
4036-55330-0316	208.98241	1.4798089	19.33543631265508	0.15741508973100976
6002-56104-0584	204.85671	26.975099	19.42401519776118	0.3919822197100352
8435-57487-0061	213.8319	49.466667	20.380516307692307	0.3115763759122598
5411-55953-0690	191.31363	10.494888	20.597381351351352	0.3361516244075023
1042-52725-0015	205.67565	52.2377	18.133606572580646	0.1129091201643557
5417-55978-0340	194.81308	7.4966172	18.687713526027398	0.16330442938698989
3779-55222-0068	193.93549	-2.0990933	19.738935132768365	0.3314881876469201
2016-53799-0558	197.57423	36.03202	18.546779507751943	0.5481954098003785
8380-57520-0610	206.47132	44.95702	19.986266267175566	0.2808416486027447
8218-57519-0390	195.72436	53.496159	20.348353812500008	0.36445675799073907
6986-56717-0254	209.90511	64.860832	0	0
1697-53142-0305	197.57496	11.573628	19.237233018766766	0.2593634071666064
5411-55953-0896	192.16048	10.130695	20.329418105263148	0.4065048726665974
7413-56769-0330	194.83431	46.729089	20.70170594117647	0.10879654075900204
6618-56401-0394	193.94317	45.880059	19.20195414110429	0.2386553056250521
3981-55603-0738	199.32831	38.726701	20.225410599999996	0.5888363349878066
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SDSS_NAME	RA	DEC	MagAve	Sigma
6680-56420-0278	189.60681	53.832406	19.58198984848485	0.3000471814110775
6632-56366-0176	184.53765	39.645451	20.468703890909097	0.2549835622995372
0956-52401-0585	190.48209	60.196783	18.54925697826087	0.13321212919483005
0301-51942-0244	209.01463	-1.0727671	18.641576764000003	0.2004216015052292
0913-52433-0587	207.32725	-1.9596911	19.218974652173916	0.05325985763079447
8383-57518-0180	184.553	41.003772	20.276105432432438	0.3395922212402098
6823-56687-0686	196.69709	64.10115	20.15435892982455	0.22686607348042578
6809-56454-0902	209.93564	61.084388	19.049279843749996	0.16921369871050362
7340-56837-0626	212.93899	54.316804	17.871661309734517	0.04736608928240033
2000-53495-0362	189.62894	39.08331	19.59859382832616	0.2683708979082555
6621-56366-0598	195.76319	44.897498	19.566173151351364	0.20526938823963256
2665-54232-0134	203.05715	23.203826	18.880390117117116	0.10928930830404282
4748-55631-0032	182.89321	2.2396446	19.492713146666667	0.01684471333746162
7425-56777-0512	183.75893	46.30843	18.94480272767857	0.3221039469653936
7420-56753-0698	190.50617	46.169496	19.363340181286546	0.21625475075738715
5432-56008-0164	203.06726	11.456017	20.10937658469946	0.5150063750636846
1283-52762-0256	203.06773	47.412063	18.775114619318174	0.08544575579925048
2650-54505-0155	196.71661	21.366375	18.317601504672897	0.12782154419872177
3973-55323-0098	193.10256	35.690623	19.402940365248213	0.25500083660559963
7434-57166-0376	202.17573	48.294792	20.02055228	0.35090001516930325
6964-56748-0337	193.99145	66.692021	20.08075538461539	0.291922431775316
6482-56358-0636	189.6443	33.124963	19.922051877192978	0.3316226248388121
6666-56371-0807	192.2013	47.696999	19.987329947368423	0.264961784779897
8207-57431-0660	199.37545	53.824633	20.22082264864865	0.2596273429241441
5982-56074-0248	187.09159	20.590296	20.196902543379004	0.343461259488682

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Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
5983-56310-0036	189.64692	23.725341	18.757429949008504	0.15833958397505468
6724-56416-0474	215.79869	50.043616	19.59910691791045	0.2727933608791103
6835-56420-0173	195.78112	58.218669	19.82506383783784	0.1668316081874129
5454-56015-0240	212.96127	17.249916	19.81831248275862	0.19707336453410812
1799-53556-0594	202.18921	7.8066288	18.740518445402305	0.1863064182148926
8504-57518-0342	213.90702	40.871244	20.14508924647887	0.4075736855617978
6829-56453-0182	203.08129	56.992018	20.328526361702124	0.2452616538726332
5405-56010-0378	188.74232	13.14862	17.97799046938777	0
0917-52400-0449	214.85415	-1.3940771	18.721274124030998	0.10412955220860387
6969-56420-0878	183.77081	59.95239	19.76208164705883	0.34048455565301033
6803-56402-0272	214.8517	56.666085	0	0
8386-57518-0598	192.22111	42.210878	20.02813241764707	0.3558725749781218
5461-56018-0062	216.74632	14.528282	19.899869676348548	0.4069111219941019
6750-56367-0718	209.97947	47.007018	20.011966633333333	0.2141067931029
8383-57518-0158	184.60477	41.497548	20.31472114457831	0.34812139944191567
5393-55946-0870	183.78346	8.6379035	17.68305987775062	0.12047775289133261
8866-57457-0806	186.29391	36.865237	20.225658145695363	0.27403805608222703
6056-56092-0424	213.9299	43.710847	19.80412251428572	0.34019465382614766
8383-57518-0580	182.93907	41.648144	20.141745888888888	0.6135936506477049
8834-57458-0106	186.29968	38.607487	20.36077721428572	0.32086070885182905
7419-56811-0190	189.67996	46.855689	0	0
3778-55213-0128	189.68123	-3.0078226	18.56136787184469	0.6837603548996523
8225-57375-0029	182.94456	50.449717	20.052535640350886	0.30639226368014916
6495-56339-0722	211.12069	30.354931	19.707325536679534	0.24785226070176997
8865-57426-0588	182.95453	37.941546	0	0

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Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
3968-55590-0118	189.68971	35.352871	18.772827680921043	0.18919613689787812
3792-55212-0228	187.13727	-2.3348391	20.11819447107438	0.2834661772118495
6803-56402-0178	215.8479	56.092475	20.32574670270271	0.18662161918446862
1626-53472-0140	186.31861	6.5851639	18.403234666666677	0.1755396085052409
4751-55646-0886	186.32	4.4271659	18.83233648108109	0.1652658827951619
6710-56416-0261	217.7217	54.594122	18.645778090909097	0.26642124270904965
2236-53729-0461	189.69921	28.049093	18.89272723952095	0.248172434029205
0341-51690-0490	200.3662	-2.1062399	18.737319712082257	0.12217786980710278
3979-55597-0886	199.43115	36.727957	18.979527950892855	0.2135646952078064
1285-52723-0106	210.03334	46.647846	18.572173686666667	0.3172857014413648
5854-56035-0562	188.79109	18.103751	20.003782180000001	0.33708249093014375
8865-57426-0102	184.64266	36.454902	20.071291422535207	0.25360817488410303
4041-55361-0222	209.10453	-2.5909522	19.825776763934435	0.2887959060761652
6963-56724-0012	196.79108	64.804989	18.53595464285715	0.13484312790749248
6636-56367-0408	187.15477	43.896625	19.222695966960355	0.35126386469014964
2599-54234-0182	188.79848	17.163447	19.30210996275073	0.2439473895348006
4035-55383-0684	213.02306	-1.7374465	20.334299721649487	0.3763260179819518
4041-55361-0419	208.27159	-2.8384018	18.660763195783122	0.7385154760336059
0850-52338-0125	197.69905	4.0588038	19.464568349642008	0.247341241023616
1229-52723-0027	183.82901	9.6895996	18.669367598522182	0.11477285380694127
7419-56811-0314	188.80556	46.832814	20.229671431578936	0.2598350761029938
4706-55705-0374	196.79582	39.732316	20.02742355882354	0.3035226605152894
2772-54529-0059	213.97107	18.785409	0	0
4049-55591-0726	200.38317	-2.0875444	20.19242737558685	0.24810313850487578
1703-53799-0298	210.05692	10.536022	18.92376889696969	0.18605633124727872
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SDSS_NAME	RA	DEC	MagAve	Sigma
4754-55649-0592	188.80985	3.0713302	18.4785096737668	0.06484193839366917
1992-53466-0213	187.17183	37.638425	18.521173389891707	0.1742911564778816
0918-52404-0596	217.75003	-1.528252	18.765570810344823	0.18382504757435855
1460-53138-0457	197.70954	41.861369	19.076274165354324	0.10552826182389391
8392-57483-0843	209.12091	42.30206	18.705420209677435	0.3601290076414616
0302-51688-0385	211.17167	0.66242368	18.89041449019608	0.13482543427550972
7406-56805-0232	203.15955	47.37065	15.599615162983435	0
1344-52792-0157	204.09369	43.450342	18.895209267857133	0.14968950697291541
6000-56102-0930	203.16016	27.938231	20.03591182822085	0.44040464648054406
6682-56390-0070	183.84743	51.865809	19.31391396644296	0.3266436161476099
6010-56097-0522	212.17301	26.495455	19.122817887788777	0.21131867276249114
2022-53827-0438	190.61524	36.340642	18.97846285761588	0.12014966640105966
6829-56453-0956	204.10624	58.401974	19.7328340860215	0.2229268537849279
8386-57518-0284	193.20384	40.715009	19.9999015443787	0.3360369579347522
0788-52338-0364	212.1759	60.796919	18.734467106382972	0.1998502248385734
6831-56426-0386	193.20682	56.56993	19.61292532558139	0.2706883078880947
6497-56329-0840	213.99549	30.360134	19.638116560669452	0.27515101515849255
6832-56426-0196	190.62468	55.318262	20.15564218181818	0.37163641509976886
6012-56101-0266	214.95857	27.497992	19.95553006632653	0.2712720795746444
6009-56313-0780	210.0911	27.947397	20.20894976296296	0.3299370718715771
6968-56443-0656	186.37485	59.874416	19.422087662337663	0.20297282078717008
4838-55686-0414	195.89811	5.6297118	19.326490275303644	0.322413175430655
6636-56367-0648	187.19869	45.068143	19.698335026946104	0.3258510817531579
0781-52373-0206	189.75161	61.452814	18.019312433333333	0.0680498653023263
5419-55983-0838	195.89855	13.01367	20.3827807131783	0.22930328603374467
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SDSS_NAME	RA	DEC	MagAve	Sigma
8387-57483-0668	195.90369	42.849413	19.97177100621119	0.251797881714276
0337-51997-0306	191.50081	-2.7256062	19.332012216152034	0.35452921698733103
6822-56711-0124	204.12502	63.299194	20.235619536585368	0.23187471338762036
1770-53171-0167	192.31797	14.76532	18.938238530054655	0.13493721617035143
6480-56340-0434	192.31887	27.714453	20.134526571428566	1.026044924153972
0789-52342-0262	214.97332	57.845768	18.509482847619054	0.11883228020168642
6680-56420-0472	188.02454	53.646963	18.260132022988504	0.2809300157050328
1381-53089-0566	217.79189	38.741931	18.938530767123293	0.2980010818068765
7339-56768-0305	213.08005	52.98262	20.333153384615386	0.3841089885705527
8871-57519-0356	197.75506	35.443758	19.498830749090917	0.26287563978043227
5896-56047-0450	212.20608	20.525137	20.139118141304355	0.3684999471963468
5408-56038-0214	190.64927	14.696072	19.877579604575157	0.26314585331412155
6478-56341-0134	190.65396	29.260451	20.371103472727267	0.30553797650790004
3864-55649-0424	215.94516	32.304191	19.954407917127067	0.37471471492591785
8389-57488-0758	201.41166	42.396568	20.52245892307692	0.26722320200544775
5855-56088-0346	190.65615	19.126925	19.10743728947367	0.25657889556115726
7028-56449-0405	212.21537	51.871545	18.40197553719009	0.2567011627036637
5396-55947-0568	183.89386	9.9161181	20.17208026635514	0.288554303359525
6755-56413-0779	195.92569	50.390341	20.19233415384614	0.33137644434830626
1800-53884-0405	201.41912	10.320266	18.995243961876835	0.14997052177501663
5447-55958-0858	210.13473	8.912727	20.154018341666667	0.2633474787488401
7340-56837-0669	213.09194	54.172229	20.5889714	0.1915752633659735
1231-52725-0452	186.40532	10.869469	19.03801249131513	0.17278530406715722
6487-56362-0858	197.76748	31.233142	20.42252511702128	0.32426772915189545
0914-52721-0381	207.4966	-1.8935832	18.998633072261075	0.16292372340719502
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SDSS_NAME	RA	DEC	MagAve	Sigma
6667-56412-0116	188.87318	46.344262	0	0
6805-56442-0414	205.07271	56.516693	19.01604310638298	0.24150219608367812
6680-56420-0152	190.67498	53.76842	19.49572089473684	0.9996989095891706
8388-57488-0728	198.66004	42.041456	0	0
4045-55622-0804	203.22707	3.1748892	19.61367363836477	0.23132181320511735
8502-57512-0394	216.9118	41.577952	20.447629111111112	0.40874795169009615
7409-56809-0633	199.53671	48.675646	20.371699098360658	0.2367254765814921
6825-56717-0248	204.16707	64.832378	19.92151096610169	0.4779761654840413
6747-56388-0074	216.92218	48.4764	20.206853792207795	0.2483849456183308
6012-56101-0444	214.07241	26.818378	18.033297941176464	0.026595892190733682
6970-56444-0552	190.69445	63.401808	19.464262202531646	0.12301769485954922
5463-56003-0266	216.92969	12.577801	18.884495202857128	0.16661555383711038
4753-55674-0262	188.07255	3.1382256	19.507112221957023	0.3637844401546181
0854-52373-0344	205.10082	4.8587542	18.95610047382919	0.21038762211404935
6752-56366-0566	216.00363	48.002004	19.527329618421057	0.30514185887456285
1700-53502-0369	204.18654	12.738535	18.632113974811084	0.3950381932907052
6671-56388-0814	185.5801	48.866957	18.503846587912086	0.08839196565716143
6967-56447-0226	196.91406	60.754521	19.916582910256405	0.26404534524066964
7410-57104-0692	195.97959	49.382036	20.4981847745098	0.23119377641343664
3860-55269-0232	217.86155	33.821841	19.33344889387756	0.24411343748611822
0606-52365-0110	215.04286	60.789572	19.87332082089552	0.2667053496217732
6754-56414-0084	200.50565	49.9764	17.726982149456504	0
8218-57519-0834	196.91813	54.654634	19.973230373493973	0.3281413582865179
8199-57428-0862	209.23302	59.331649	20.245720973684215	0.22302753029067163
5972-56334-0795	195.09134	2.324	20.38422275	0.35913479896730754
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SDSS_NAME	RA	DEC	MagAve	Sigma
7409-56809-0660	199.56577	1.537	0	0
6748-56371-0390	203.27245	1.031	18.845097808571428	0.1509877669014013
6665-56390-0832	195.09408	2.473	18.800103875690606	0.16707897544092806
1807-54175-0534	210.21375	1.0481	17.916073625000003	0.10305575161458203
2618-54506-0461	198.70274	0.8991	18.83548636011079	0.12929907376373675
3970-55591-0364	188.93753	1.216	19.475628968181812	0.2059603768095547
1812-53795-0473	217.91447	1.0556	19.266289015105738	0.09824873600893808
8388-57488-0938	199.60012	0.969658	20.14806150847458	0.4046084581548445
1051-52468-0538	231.04066	1.0929	19.03738343349754	0.15810944226831727
5141-55746-0382	317.80656	1.721	18.59172775	1.0083382357919701
8057-57190-0336	250.41465	2.055568	20.56664904166667	0.16805847792099737
7572-56944-0325	330.06206	1.2389013	19.983591236842113	0.2275145642173404
7606-56977-0819	350.8224	1.0236881	19.85078170253165	0.293517697894104
6298-56208-0412	338.90813	0.942	19.48380225680933	0.28852973778995
2781-54266-0400	229.96672	1.9829	18.97104601041668	0.13257831076234314
4879-55706-0768	239.65483	2.41	19.23696965625	0.2603414768251901
1729-53858-0478	240.89135	1.1963	18.519237806179785	0.19068834171679563
0974-52427-0219	256.34629	1.0825	19.172110388101963	0.17364901723507153
7610-56980-0060	349.38622	0.9058582	20.38170151612904	0.11533070938565906
1169-52753-0526	239.66164	1.2495	17.482789768867917	0
4073-55663-0044	246.0682	0.83	19.954410735632194	0.3071419632783075
6019-56074-0122	227.15878	2.247	19.787213088028157	0.3181736149540704
0741-52261-0042	344.21094	1.5981	18.26729276056336	0.22038463551827367
7578-56956-0707	334.52674	1.7672437	17.588470016574583	0.09827594390918193
6786-56448-0344	240.90205	2.297	20.398739959183676	0.09556888684547576
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SDSS_NAME	RA	DEC	MagAve	Sigma
7573-56946-0316	328.34116	0.8869181	20.46628409677419	0.10640113362338965
7610-56980-0284	348.10574	1.1213667	20.35893131372549	0.3804355153265469
7581-57195-0819	338.94094	1.2899367	20.37588066666667	0.7368243225345215
7598-56956-0016	358.79598	1.4599259	19.906652578947362	0.36517571531288673
2525-54569-0570	242.26064	0.9395	18.496844405835542	0
7583-56958-0912	335.97926	1.3900938	20.622583416666668	0.09457545850242711
8401-57482-0942	224.40762	1.256327	20.348799020408165	0.4233878652490832
8741-57390-0878	359.51908	1.4212184	19.96199079999999	0.09628149178689092
7613-56988-0514	342.73491	1.0508993	20.386099433734937	0.15322009243091445
6796-56453-0430	230.00003	1.168	19.360438361538478	0.14715656223043103
1420-53146-0269	243.459	1.2181	18.792083316883122	0.10622479525899121
6149-56194-0949	354.68485	1.771	19.767625667938926	0.33994158962228255
8742-57364-0270	358.03435	1.4086837	20.049679803212854	0.4928718874980134
4092-55477-0728	326.41457	1.214	19.848581759493676	0.24730001294712328
6735-56397-0712	232.15016	2.205	19.71374573239436	0.49219352130427774
4856-55712-0042	227.19063	2.13	0	0
6713-56402-0032	231.13021	1.016	19.225117280898882	0.17173055438808355
7574-56945-0192	333.07334	2.1930695	20.642917240000003	0.13831798519377367
7581-57195-0818	338.95994	1.2079953	20.261039250000003	0.4230527940503194
6710-56416-0254	218.02601	2.365	19.314078423076925	0.4963527193696785
5030-55830-0433	334.57626	2.34	19.58336648878924	0.27151309032333376
1689-53177-0265	256.48007	1.2489	0	0
3952-55330-0948	236.51041	1.48	19.96631546031746	0.29189671274725243
1649-53149-0376	228.10063	1.7952	18.992360070866134	0.1740741958564293
1731-53884-0053	244.7277	2.0406	19.190162977011493	0.3401877910603621
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SDSS_NAME	RA	DEC	MagAve	Sigma
6157-56238-0876	353.38153	2.292	20.063083743455483	0.32822579685530473
4023-55328-0502	221.15714	2.251	20.186051854054053	0.2699075629793667
6514-56487-0608	353.38848	2.293	19.90763943181818	0.5254172448846193
5030-55830-0434	334.59196	1.545	0	0
4382-55742-0734	318.30398	1.441	20.244454850000004	0.3253096229600018
2157-54242-0390	228.11911	1.9854	18.904721906148886	0.11738051728361497
3960-55663-0345	230.03439	0.843	20.126074222222215	0.3744137392922093
6724-56416-0190	218.04354	1.827	19.675153346153845	0.3454679954261741
4780-55682-0194	218.7961	2.343	19.50679162730627	0.2974459944722757
1689-53177-0386	256.52566	1.7687	18.81607207235142	0.0814513847517719
5006-55706-0188	246.16282	2.406	20.01532262719297	0.4591858864410813
0628-52083-0380	249.17969	1.0114	18.950698407114633	0.16656626917815007
7640-57311-0572	328.4374	2.22	0	0
6752-56366-0140	218.04974	1.209	0	0
4091-55498-1000	328.44226	2.277	18.821128658354123	0.17727074368644233
4286-55499-0786	349.47052	1.675	19.402832458483772	0.23051542835313465
4194-55450-0266	322.90862	1.838	19.085343349397593	0.12525550743184743
7574-56945-0900	333.1213	2.0392523	19.233098288184433	0.21064247761698154
7639-57297-0983	328.45932	1.1401782	20.09697111428571	0.1895731628231929
6728-56426-0952	233.19474	1.243	19.568478700598806	0.14790341681789915
7597-56973-0126	358.8357	1.3637972	18.937935178571426	0.2348598208779377
6712-56421-0740	225.30844	0.9	20.09491119718309	0.21353552407952694
7579-56954-0548	331.70526	1.4830587	19.478757443877562	0.4952389011113365
4889-55709-0420	230.06079	2.495	19.408991313167263	0.25511795733077264
4090-55500-0310	328.46592	2.204	19.603398330935253	0.26004372374200707
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SDSS_NAME	RA	DEC	MagAve	Sigma
1719-53876-0188	228.14574	0.8647	18.976875860158298	0.15497705341602597
4407-55884-0374	353.44123	1.219	20.460439717391296	0.2393042355585683
7582-56960-0101	337.76453	2.2232594	20.58882145	0.1953230825484441
7612-56972-0785	345.62843	1.7981733	19.799044007575763	0.3727246379537264
5032-56208-0452	339.02187	2.301	18.929607392282932	0.3243347628194435
7596-56945-0280	359.57155	1.931262	20.137287355555557	0.33328934802326293
5478-56014-0194	224.46427	2.108	20.483896437499993	0.21543055839146305
4201-55443-0364	334.64541	1.903	19.318852995918363	0.3324100015453756
1567-53172-0260	253.89964	0.8479	17.99272106038648	0.06324134828984906
7851-56932-0232	358.08235	1.4103273	20.2405705284091	0.11446385558219246
1710-53504-0464	218.82875	1.7469	18.053169217983648	0.02939189935413458
6726-56394-0592	222.95245	2.504	20.28622340449438	0.33266118415311147
1689-53177-0423	256.66323	1.9245	0	0
2779-54540-0285	225.32504	1.0712	19.142550545960994	0.11567652700490627
7705-57332-0764	346.98091	1.8599713	18.968570737254904	0.21309148649830748
5141-55746-0212	318.52835	2.047	20.467184384615386	0.3781785342242998
1851-53524-0043	241.0268	1.416	19.27215952542373	0.3559067792164849
7701-57356-0466	350.98036	0.9314227	18.08112008181818	0.1262768911132123
3958-55329-0342	233.22963	0.954	18.12900422222223	0.2924062958152652
4407-55884-0368	353.47315	2.204	19.589660945945948	0.362169531448613
7595-56957-0515	358.85846	1.3263735	19.627611740740736	0.3538058763300589
0610-52056-0241	224.48446	2.1287	0	0
6982-56444-0430	222.16003	1.132	0	0
6154-56237-0078	347.00111	0.983	19.36428608547009	0.2800316800476346
2203-53915-0321	246.22825	1.7667	18.669980642487026	0.29295623057710585
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SDSS_NAME	RA	DEC	MagAve	Sigma
8054-57194-0480	250.67554	0.9209903	0	0
6320-56453-0776	241.04971	2.358	19.31679102366864	0.2269860610062932
5467-55973-0906	219.62364	2.27	20.169289717391298	0.35378546336009276
2778-54539-0636	225.34217	1.0516	19.241247235185202	0.20790381274923203
8401-57482-0804	223.72721	1.2861807	20.263419	0.061900197960885375
7600-56984-0410	354.81401	1.0523518	20.247187847058825	0.33435473755013867
5482-56017-0874	226.34107	1.764	19.90057460377359	0.3514758480157983
3942-55338-0244	236.62989	2.338	18.748876092748755	0.39290057798898553
3948-55331-0584	233.24901	2.12	19.90855291408935	0.2645966080049647
6752-56366-0946	218.85705	1.575	0	0
1827-53531-0064	218.09837	0.9899	19.256188356287435	0.21477890718393328
4015-55624-0140	225.35276	2.007	20.079291883495152	0.3215045569199913
6721-56398-0325	230.12364	1.779	20.169216519607847	0.2780460358350467
8068-57185-0276	242.40218	1.2611341	20.60875364	0.1272002279109366
7611-56946-0923	348.25088	1.7455086	20.045267164285704	0.5711372239296251
1727-53859-0052	238.70085	1.732	19.686164785467145	0.2908847514635276
5198-55823-0868	253.971	2.173	19.06790291853934	0.14683962837787248
5208-56008-0878	237.68158	2.387	20.360083125984268	0.2842993061052594
7848-56959-0339	358.87913	1.2948124	20.770625286585364	0.20691288607421376
6035-56076-0872	246.26101	2.361	19.89717069411764	0.43270255593816037
4323-55884-0917	339.08652	2.555	19.39404222468355	0.2480591346497167
3951-55681-0598	228.21447	2.33	20.02115013942307	0.37283493702694454
5473-56033-0684	221.24786	2.108	19.60550195043731	0.18937342429767237
0616-52374-0500	235.42752	1.1856	18.4794574184397	0.09179783095817282
5950-56211-0879	334.72879	2.374	19.891090651612917	0.36577417167514376

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Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
8068-57185-0506	239.8348	1.9	19.46401945679012	0.3080054909915782
4411-56164-0434	339.10835	2.395	19.478235237903228	0.4021784999639912
7612-56972-0238	345.73221	0.9225489	19.99153066137566	0.29677341461911216
5164-56067-0746	230.14792	2.398	19.446399262032084	0.5195188894368707
5957-56210-0270	334.73443	2.42	19.729026525773197	0.2637756661207774
6138-56598-0216	356.25928	2.297	18.754263975232195	0.16504770318625595
2768-54265-0187	233.27283	1.76	18.835912107329843	0
1728-53228-0239	239.8401	1.259	0	0
6149-56194-0051	354.86347	1.938	19.13352174805196	0.42650459438431854
7658-57312-0276	344.41768	1.6766342	20.782141222222222	0.2682900528576292
5000-55715-0694	256.86965	2.205	20.26074302083332	0.3015643340319596
5146-55831-0385	326.72357	1.097	20.422096531250002	0.1914529276495546
7604-56947-0820	352.29511	1.7697139	19.242655389610388	0.2565147116617834
7606-56977-0562	349.59776	1.2425529	20.42499624489796	0.2425210089189416
3929-55335-0574	241.10002	1.03	19.888133379084955	0.3163361097857111
2153-54212-0503	227.32425	0.832	19.240495695522387	0.2346290817092283
7599-56955-0584	356.28645	2.4080482	19.657663742857146	0.35430972424025153
4877-55707-0684	237.72009	0.809	19.787332999999999	0.3149715167639884
1105-52937-0154	331.83489	1.2265	0	0
4010-55350-0992	234.34481	2.288	19.477776500000001	0.4440351867775122
0611-52055-0582	228.2447	1.2215	0	0
4717-55742-0990	228.24317	2.234	19.025349197132616	0.06324097545753818
7644-57327-0788	331.84187	1.2402624	19.572825384615385	0.3308612468570185
5966-56101-0150	330.42196	2.355	0	0
7581-57195-0867	339.13771	1.2220752	19.946466520547943	0.5432020727769209
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Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
7705-57332-0801	347.08282	2.0295987	19.31471709871244	0.22961062197468912
1353-53083-0001	229.16025	1.2981	18.942928303571435	0.14132587468371294
0646-52523-0143	352.32322	1.7628	17.975016365030683	0.05280567083734523
0733-52207-0333	326.78219	2.0647	19.976983184079593	0.29674046940157955
3930-55332-0960	241.11871	0.959	20.149483836363625	0.3770736313787106
7644-57327-0473	330.42876	1.03	0	0
7575-56947-0364	330.43417	0.8070337	0	0
3851-55302-0002	231.29278	0.874	20.348232427631586	0.24034262393652947
7653-57306-0694	339.15027	1.2006273	19.348265371647503	0.26039761030575015
7580-56955-0689	330.45003	1.4328114	0	0
6499-56571-0912	356.32883	2.287	19.490345029787242	0.345307757190602
3938-55328-0906	234.37268	2.345	19.58785396910111	0.4619006292507924
7639-57297-0340	326.80734	2.1295977	20.341127333333333	0.5220955835958379
4992-55723-0628	254.11581	2.478	19.875232530612262	0.2161756511639426
6728-56426-0300	231.31042	0.885	20.487931509090913	0
1171-52753-0217	244.94694	1.0811	18.914434441780823	0.08767114671383909
6132-56267-0774	354.93137	2.221	20.512745051724142	0.19522766520592053
1382-53115-0638	221.30595	0.8351	18.694154316	0.15892363361011652
4720-55691-0645	227.36966	1.714	18.52460278231291	0.6046290722192861
7669-57329-0292	351.15229	1.4594274	0	0
6116-56245-0866	354.94636	2.009	18.38530171428571	0.1700546438177961
7614-57307-0120	347.12209	1.2460545	20.146804644444448	0.23453633534921486
6709-56429-0426	237.77716	1.558	19.63438634246575	0.23341717710685597
5044-56186-0788	340.41499	2.251	19.891255566820277	0.29167985193954615
2780-54557-0410	228.28307	1.1132	18.50277672651006	0.22453272211203867
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SDSS_NAME	RA	DEC	MagAve	Sigma
1829-53494-0613	222.26334	1.7201	18.639580518367357	0.24486747423751137
8498-57105-0993	223.80184	0.9292818	20.182375385185185	0.19333646738535729
5048-56218-0664	336.31561	0.823	20.18060580821917	0.4290743340006977
4999-55721-0248	262.08269	0.836	20.123322727272722	0.28170020770822746
3951-55681-0984	230.21462	2.256	19.627891568965524	0.3301533240156017
8054-57194-0797	252.34222	1.4191557	18.498612313364053	0.2376799245350734
1688-53462-0105	257.09351	0.9411	19.385949812499998	0.6027024115103877
8056-57186-0181	249.4407	1.0479491	20.42425524647888	0.3951476221123362
7639-57297-0320	326.86696	1.0417988	0	0
7586-57186-0558	336.32189	1.2474823	0	0
0537-52027-0117	222.27677	1.4828	19.626096862204715	0.27753407738720165
6509-56486-0923	339.20684	2.319	19.748985919708034	0.29066531847528915
4724-55742-0498	239.93568	0.807	20.04248403067484	0.3323122696520292
3929-55335-0868	242.56288	2.287	19.700548659192826	0.36087544569472163
5050-56215-0780	341.70663	2.375	19.87561750393702	0.2546702816540292
0592-52025-0479	231.3512	1.0594	19.577544960725056	0.2866521735884738
3872-55382-0652	226.46543	0.825	19.87489459064327	0.38208523851555054
3936-55302-0254	237.80274	0.868	20.453584194444445	0.43028418546134806
4779-55656-0278	220.5169	2.5	19.13636058588957	0.17427155893162039
5047-55833-0452	333.36276	2.301	19.18855438938054	0.23969847857351567
3933-55335-0006	235.54094	2.17	20.665843833333333	0.3057170812212683
7639-57297-0732	326.89223	2.2022824	18.19083806214689	0
7604-56947-0386	351.18779	1.360054	19.753563207006376	0.3928442624031852
3943-55336-0397	234.42182	2.218	19.178502339805853	0.4507438441889757
6719-56390-0670	222.29209	1.548	19.661331984375018	0.2611025266362562
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SDSS_NAME	RA	DEC	MagAve	Sigma
5961-56460-0306	331.97019	2.443	0	0
8068-57185-0607	241.2054	1.1804236	20.45300803846154	0.5256566030410511
6799-56478-0050	235.55333	1.334	19.552714830188677	0.27518002053945895
0646-52523-0288	351.19108	1.6332	18.70531642857143	0.15096970136680876
4412-55912-0056	343.04949	2.264	19.02771828280545	0.48176879372842624
7657-57309-0309	341.72556	1.6071752	20.09460503773585	0.6197470964655447
7599-56955-0663	356.42468	2.1263838	0	0
0367-51997-0016	262.38952	1.5863	19.90504818260871	0.23556494494546973
4999-55721-0212	262.42879	2.384	19.436212724458183	0.07012893460903438
5485-56063-0966	228.32658	2.409	19.266141323450142	0.3071429600940232
2530-53881-0226	245.02258	0.9271	17.90480710997442	0.09976157713927541
0313-51673-0319	230.25837	1.3148	18.841046894459097	0.41538752263844286
0734-52224-0106	330.56486	1.1152	19.07465111235957	0.2202290777301331
5002-55710-0853	262.50273	1.355	20.558786640000005	0.21526909623430757
6118-56189-0914	338.03571	2.175	19.147846603773587	0.28813976319611084
6721-56398-0724	230.26429	1.157	19.823420280991726	0.3157061251446795
4192-55469-0344	319.38276	2.415	19.538245493333314	0.2015435323131595
7583-56958-0740	334.91851	0.828162	20.304268726315787	0.30524498058042904
0685-52203-0320	358.97738	1.405	19.32282621777778	0.4154949030808738
7850-56956-0483	358.97762	1.8977678	19.64772530696203	0.2873032766036814
5144-55829-0303	323.7186	1.984	19.123969236641233	0.18901856016831256
5011-55739-0542	235.58099	1.806	20.068262845303874	0.34117574607848294
5021-55863-0056	332.01312	2.384	19.547933656441714	0.18746065785340327
7586-57186-0521	336.40735	2.0877604	20.545429823529414	0.29584749111192404
0725-52258-0621	347.19001	0.8889	18.547316409221903	0.1257619393584536
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Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
6154-56237-0324	345.89258	1.47	20.248601375	0.42814066680416496
7583-56958-0013	336.41166	1.243766	20.436719205882355	0.612197688644192
7701-57356-0572	351.22153	1.511305	20.292568924731185	0.07260161717161956
3942-55338-0942	237.85401	2.296	19.972678390134533	0.34339840343421024
4075-55352-0760	249.51663	2.304	19.741797501930495	0.27286811084005186
0731-52460-0170	323.76023	1.5098	0	0
5478-56014-0712	223.84324	0.819	19.181013061452514	0.2637831308940741
5479-56016-0283	224.59679	0.904	20.389216409999992	0.34221641438211164
1338-52765-0548	247.97971	2.1033	18.937998986196334	0.3333042558111565
7658-57312-0985	345.90764	1.1942937	20.477674800000003	0.42861502681847763
7656-57338-0422	341.76832	0.9867586	19.652405606741578	0.28554445550147767
7601-56959-0430	353.71809	1.4207021	0	0
5194-56062-0194	252.45429	2.205	19.93892154497354	0.34322818477903505
7848-56959-0258	358.99384	2.182	0	0
1171-52753-0603	245.06793	1.2831	18.961186819112623	0.1377519755478542
7643-57302-0178	333.45273	1.2114658	19.2978403275862	0.3923097608818786
5164-56067-0400	229.26976	0.844	19.59095690654205	0.3172930364020291
4358-55833-0615	352.49213	2.204	20.432059030303034	0.31276302335425404
5174-56047-0933	223.86438	0.818	19.706252598173513	0.29684479907167904
7585-57190-0022	340.52742	2.1131942	19.930229333333333	0.23800048893815637
4287-55483-0218	348.48515	1.019	18.045237326647555	0.2101887084925008
7605-56949-0148	343.11846	1.5951166	19.532602631205688	0.28568406260653173
6291-56209-0652	338.08147	2.235	19.475712740072215	0.22677873582722763
0623-52051-0142	243.7885	0.8477	18.81987542405064	0.09163665755692292
8057-57190-0221	250.93304	1.522	19.374525062992124	0.14522146229354815
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Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
4058-55358-0592	245.09036	2.407	0	0
1728-53228-0283	238.89663	1.2002	18.982063580419577	0.3672629098731248
7601-56959-0152	355.07408	1.2148331	19.532743876984128	0.14789305538333716
0817-52381-0441	248.03554	1.183	19.07484269753086	0.14873772441257455
7609-56959-0702	343.15101	2.0083416	20.243445979452062	0.27834665783730367
5058-56208-0178	339.31283	1.428	20.56461553846154	0.18388249129570752
1173-52790-0350	246.49516	1.2274	18.955181604316547	0.32181914763720293
6731-56385-0978	220.57538	2.44	18.979963068047343	0.09507948702782877
6736-56366-0256	220.57667	2.36	19.802471130718953	0.3066511024860819
4184-55450-0265	246.50377	2.503	19.333261982195854	0.18923297085717714
0594-52045-0613	237.89351	1.5229	19.81422703105589	0.2629868560599512
6033-56069-0182	240.04506	2.546	18.91480272072073	0.08009337240654862
6033-56069-0846	240.04765	0.834	19.160514894736842	0.3119851207675216
6719-56390-0956	224.64147	0.935	20.023576647058817	0.27506028915138087
6144-56237-0212	355.08801	1.91	19.792224387096766	0.260063475442849
1047-52733-0251	219.78381	2.0722	18.796451825443793	0.18112060989978587
7138-56572-0678	352.51841	2.185	0	0
1051-52468-0132	231.45181	1.265	18.944693066964284	0.19460204919675117
1573-53226-0630	248.06407	0.9083	17.785650944020343	0
4316-55505-0870	332.09726	2.325	18.939442863636383	0.29669357491038917
3878-55361-0098	223.88889	2.192	18.77037851333335	0.15665948415733624
6732-56370-0438	220.58957	2.313	19.961941558823533	0.33290346289756023
4185-55469-0800	252.53611	2.43	19.806848404761904	0.33317120074162304
6035-56076-0134	246.52668	1.549	20.524656052631578	0.1814895743244476
4082-55367-0792	319.72329	0.959	20.139738413793108	0.5921350228532514
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Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
6045-56072-0040	248.07759	2.348	18.918415996466425	0.12594524921953115
7608-56945-0670	344.64743	0.8078308	20.61900722222222	0.15881003722255474
5025-55836-0428	338.1338	0.898	19.422893311897113	0.19350959739400828
4205-55454-0822	341.84665	2.477	17.91052334797299	0.6298028120464486
4996-55720-0232	254.45721	0.837	19.883014917562708	0.3488407614341824
6730-56425-0038	240.06842	0.815	20.131417302127662	0.2864178792812312
7657-57309-0028	343.19472	0.915819	19.075388889344257	0.16298556907919465
1686-53472-0001	251.00214	1.2613	19.354120187830684	0.2149395340507228
4192-55469-0232	319.76801	2.418	19.258073105263172	0.23205627534153647
2972-54586-0477	257.57201	0.8111	18.93589231741572	0.11653347898129557
5208-56008-0332	236.90907	0.815	19.284037205980063	0.6228815321152945
4364-55855-0208	343.20028	0.849	19.922626444444447	0.27960684920195755
4209-55478-0552	347.29572	0.944	16.17766861173816	0
0613-52345-0186	229.32	2.0211	18.71511555769231	0.4951695216683301
6502-56544-0207	351.3413	1.714	20.14321657142857	0.27350426099113684
4185-55469-0130	252.57706	1.019	20.00292248181818	0.1780998572607065
0377-52145-0342	338.15718	1.5468	19.040738905325433	0.21222734623171313
6507-56478-0079	344.67305	2.35	0	0
1293-52765-0638	233.5056	1.0822	19.017797132142867	0.18531311382454072
5493-56009-0882	232.48702	1.405	19.872712342741952	0.3129393635638339
6982-56444-0084	225.57832	2.305	0	0
6714-56447-0768	232.48664	2.205	19.501075682119204	0.238055086455181
6049-56091-0163	232.487	0.81	19.96515564814814	0.35761635481118115
6512-56567-0011	359.77343	2.454	18.4651777878788	0.06910661374466195
0677-52606-0595	346.01337	1.5898	17.222641688679268	0.769616644303734
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SDSS_NAME	RA	DEC	MagAve	Sigma
0608-52081-0160	221.46482	0.9274	0	0
2203-53915-0375	246.5718	1.6622	19.362480652892575	0.2166693906886066
5469-56037-0300	219.81787	2.218	19.411539059154908	0.2614527723484297
4287-55483-0462	347.33046	2.284	19.6742086910299	0.2569023307332175
1721-53857-0013	231.50472	1.4909	18.43134826614986	0.05944831015936123
6806-56419-0350	220.6255	1.449	0	0
3936-55302-0814	237.95275	2.435	18.97749633604336	0.20591841725393395
7614-57307-0328	346.032	1.7340666	0	0
8490-57104-0436	223.92923	2.0183637	19.075130344497605	0.18797377544258556
0621-52055-0057	242.74046	1.5765	0	0
7653-57306-0941	340.6513	0.9624681	20.626851117647057	0.3752467805077028
7643-57302-0437	332.16717	1.1621549	20.348393433962258	0.19711700310643726
4988-55825-0510	254.58856	0.831	18.919423658602142	0.17852912713804572
7583-56958-0276	335.12314	0.8905752	19.70793920111732	0.42175357720801127
3942-55338-0586	235.72089	2.287	20.32946387134504	0.3038404195072757
7595-56957-0302	359.78977	1.2569106	19.528806734127	0.32962616915220627
3871-55307-0254	228.45232	0.83	20.486983999999996	0.3597901319582019
8434-57484-0934	219.05875	1.2520838	20.414260572727276	0.19267500980082325
1092-52639-0065	358.31282	1.4123	19.809317665789468	0.2730448084402153
7166-56602-0750	358.31204	2.048	19.40231563461538	0.2850389566658129
5142-55825-0323	320.01801	1.502	0	0
6504-56540-0186	347.36826	2.15	20.523800342105268	0.1389750338929263
4973-56042-0934	237.96544	1.118	19.30268176752766	0.1854706965013147
6037-56104-0274	252.65945	0.883	19.477772972136215	0.28995158958169964
4056-55357-0724	246.61841	2.307	20.295152800000001	0.3030199634241103
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SDSS_NAME	RA	DEC	MagAve	Sigma
6166-56181-0704	352.61504	1.213	20.264502235294128	0.24208566579452606
2517-54567-0171	235.73813	1.0678	17.59892255384614	0.04996152835131033
7608-56945-0939	346.06037	1.2692206	0	0
0796-52401-0293	233.55284	2.1187	17.066796097826096	0
6726-56394-0272	223.94489	2.191	19.194650206249996	0.24464623783516132
1648-53171-0115	226.63223	1.9672	18.77167562890625	0.1210180064897102
2194-53904-0230	265.91914	1.4011	17.366247523809516	0.26035356778966856
7585-57190-0459	338.2185	1.2152333	20.443855413793102	0.40659194567933826
6064-56097-0336	257.79122	2.42	18.668663466480464	0.07229801163051205
6736-56366-0781	220.64718	1.735	19.59172403726707	0.24864060958077366
5142-55825-0320	320.09251	1.206	19.342263201492532	0.23014765559181102
6028-56102-0614	252.67393	1.233	20.39859048979591	0.22478652137137764
6022-56076-0265	221.49821	2.3	20.268750130718963	0.2981191164620289
7653-57306-0510	338.227	1.9545321	0	0
4083-55441-0781	324.37506	2.38	0	0
4009-55648-0608	231.54654	2.446	19.300624356495476	0.21646784167326605
4197-55479-0584	327.30024	1.115	0	0
8054-57194-0820	252.70672	0.9861897	20.234492326923075	0.32498233837814927
7850-56956-0386	359.8177	1.9995813	20.12713978362574	0.5312132566594552
4886-55737-0882	236.98222	2.236	19.381092771587735	0.21861777143457026
1828-53504-0444	219.08967	1.0754	19.055832090185653	0.34089785455374655
4073-55663-0264	245.25395	0.822	0	0
7654-57330-0070	339.47091	2.118572	18.870701847896452	0.20948696456236318
4081-55365-0352	320.22103	1.878	20.597726249999997	0
7703-57333-0410	348.65237	1.6628442	19.34927032352941	0.31227514690252944
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SDSS_NAME	RA	DEC	MagAve	Sigma
7134-56566-0456	359.82531	2.386	20.059273056000006	0.4311961699798899
6791-56429-0876	235.77494	1.407	20.23475042666666	0.2740917539103372
4881-55733-0450	234.61845	2.419	20.010133275167792	0.2100875462306527
7640-57311-0310	329.11028	0.9011467	20.44732039473684	0.1538652276037664
7574-56945-0941	333.65006	1.5168402	18.368339838440125	0.15126213009377645
0725-52258-0352	344.7863	1.4537	19.444151532163733	0.258643553505354
0586-52023-0242	219.09989	1.7976	18.40536138815789	0.10885120722249886
0813-52354-0556	241.47851	1.5263	19.324092176470593	0.20427483904292498
0748-52233-0271	355.25661	1.682	18.68470032432432	0.1934201749452264
7851-56932-0150	358.35911	2.185	20.28330508928571	0.33580231986101094
7655-57336-0893	340.73752	1.2610096	18.65803871019108	0.052460650569326334
1117-52885-0357	309.26164	1.1645	20.009271916666666	0.07588530893879279
7657-57309-0472	340.73995	1.2187406	20.508141538461537	0
1659-53224-0243	248.26646	1.2434	19.248454468879686	0.24033148060842327
7605-56949-0124	343.33768	1.5856177	0	0
6588-56536-0218	344.80056	1.201	20.279689787878787	0.25010684381845144
5147-55854-0229	329.15432	1.303	20.966292999999997	0.2750520139585935
5966-56101-0630	329.1566	2.496	20.111966826086956	0
5009-55707-0896	242.83215	2.44	19.938813458483747	0.3512903559754996
3869-55273-0388	221.55033	2.48	20.129685463414642	0.22954427618031753
6718-56398-0350	218.36063	2.04	19.899049148148144	0.31145285128623723
0721-52228-0044	338.28574	1.8757	19.04242650661374	0.16013503701912496
3876-55245-0080	227.5866	0.882	19.878491031088075	0.2815994861114804
0745-52258-0633	351.48027	1.0371	18.851573145400614	0.12035375318757768
7600-56984-0303	355.29749	1.247	20.3692638125	0.2955950584880515
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SDSS_NAME	RA	DEC	MagAve	Sigma
1338-52765-0296	246.74216	0.8496	19.018894034985433	0.14317675454029807
4806-55688-0122	239.09105	0.905	19.798930037500007	0.38033590669369244
7658-57312-0821	344.83555	2.0183804	20.589328000000002	0.11703001348044897
5013-55723-0340	254.8208	2.31	20.47449627118644	0.07695415950167467
2164-53886-0351	231.61206	1.4746	19.17766661917809	0.17121594923831457
7581-57195-0614	338.30766	0.922432	20.294460227272722	0.3174320515761828
2171-53557-0214	238.06317	1.2009	19.17472945348836	0.18968199030331548
0373-51788-0557	332.30437	1.0867	19.088547430894288	0.2329170456553697
0379-51789-0124	343.39256	1.0011	18.830604029411763	0
7140-56569-0406	347.48541	2.433	19.973817657657662	0.2664514770342518
8494-57104-0736	224.77822	1.5951946	20.413183280000002	0.2788652731891588
5191-56065-0902	246.75961	2.24	18.83888642045454	0.25835214909353316
0595-52023-0452	239.10964	1.1759	19.470538484374988	0.2882377229522614
5469-56037-0406	219.13759	2.237	19.039749481283426	0.11703408351793453
4087-55449-0320	324.79227	2.163	19.584964263157886	0.2154890091682296
7611-56946-0255	347.49211	0.816	19.362393062305294	0.2424422802196286
6976-56448-0636	242.86936	2.228	19.217024383333342	0.20976173981108334
0610-52056-0248	224.78778	0.9455	0	0
5488-56013-0686	228.55369	1.833	0	0
6813-56419-0086	220.72888	0.917	0	0
1116-52932-0315	310.63442	1.7795	19.871013754716987	0.2006486392165894
7572-56944-0178	330.90202	1.1369964	17.97876371204189	0.23445988169810836
7585-57190-0571	338.34354	0.8371878	20.578142391304347	0.1196987998605595
4095-55497-0220	329.25571	1.346	18.16041956849315	0.8589515894007653
4719-55736-0106	231.63875	2.287	19.68114547148288	0.20283325209035746
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SDSS_NAME	RA	DEC	MagAve	Sigma
7595-56957-0470	359.17028	1.0106745	18.912140649122808	0.153393466814298
4289-55856-0792	346.21004	0.858	19.832990333333342	0.24721599547770343
6166-56181-0294	352.74613	2.43	18.977031007894727	0.450047754432693
1047-52733-0418	219.94515	0.9313	18.941613066265063	0.2719803847483113
0342-51691-0481	237.07139	1.0418	18.93458421159419	0.33688970369626076
2533-54585-0027	249.84853	2.0585	19.015654889196682	0.24929258286086317
3931-55350-0494	237.07445	2.238	20.475614589743593	0.338833763461911
7656-57338-0646	342.07925	1.3039151	20.191872869863012	0.14989034823951367
4976-56046-0914	237.0725	2.236	19.231508729411768	0.17013748810924142
4184-55450-0560	245.38112	2.28	18.259563968668417	0.07075818269929343
6063-56098-0676	254.91947	1.216	20.281460392857145	0.07435127839638092
0344-51693-0270	240.283	1.8254	19.100016167138804	0.12594114999975672
5142-55825-0156	320.6386	0.827	17.653884545662102	0.09589877632068732
8057-57190-0371	249.86688	1.8130882	19.987560864000002	0.32781804953874116
3948-55331-0882	234.72392	0.838	20.412057287500005	0.33388036735927673
0306-51637-0628	219.17186	1.8667	18.71737354780363	0.11346381094680484
6140-56189-0937	346.25419	1.125	17.61998086036037	0.3661714021414958
8054-57194-0378	251.29622	1.5375813	19.55570803496503	0.3600804269061808
6043-56096-0956	241.60986	0.903	19.544332049549556	0.18077369275158275
0793-52370-0458	227.66884	1.4738	19.012824328124992	0.19579300419614407
8490-57104-0410	224.06114	1.1676457	20.206274622641512	0.39238228448381185
4058-55358-0048	246.8325	2.285	0	0
6016-56073-0762	219.97073	0.866	19.984019986238533	0.2401300870269141
7656-57338-0373	342.11079	1.7459325	19.992433380952388	0.23675431927444276
5195-56048-0818	248.40932	0.949	0	0

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SDSS_NAME	RA	DEC	MagAve	Sigma
5049-56103-0842	339.61741	2.301	17.888243407008094	0.2550280225284507
1293-52765-0068	232.69068	2.0216	17.843414751748256	0.02848547082156084
0792-52353-0576	225.76073	0.8659	0	0
0817-52381-0308	248.42118	1.1394	18.416952303630357	0.1213819024612708
6160-56190-0439	355.41623	1.187	19.138337634831476	0.21122822452857776
4072-55362-0406	241.63076	2.312	19.433980402298836	0.16390733791024398
5146-55831-0194	327.56265	1.899	0	0
8397-57482-0733	226.77644	1.7927077	18.386743433734942	0.10890130697870502
7848-56959-0074	359.91718	1.15	0	0
4065-55368-0914	251.33258	2.465	20.145381721052647	0.2456150363769927
8410-57481-0890	239.17723	2.095493	20.193630302325577	0.2692841423803475
6063-56098-0690	255.05478	2.246	19.112599928143716	0.21404641232724206
6795-56425-0796	227.69646	2.289	0	0
5195-56048-0198	248.43895	2.261	17.578163481382987	0
6136-56206-0894	351.61138	2.445	19.159680075987836	0.21167392841824814
4362-55828-0288	344.95029	2.201	19.934357063926942	0.2909827179563378
6316-56483-0015	245.47168	2.171	20.183876307339453	0.2228517031859746
6720-56390-0216	226.7929	1.64	20.000739539568354	0.2743036801448586
5147-55854-0150	329.38936	1.355	20.477508508196724	0.24169146618741888
1288-52731-0496	218.46826	1.7596	0	0
4964-55749-0762	242.97322	2.236	20.43457124025974	0.2680628945945384
5165-56063-0792	232.74441	2.178	20.153130590163947	0.3073580013355964
5475-56011-0468	221.68748	2.317	20.32597923157895	0.3828513127265391
4776-55652-0820	227.72556	2.324	18.049983354740057	0.13549001920800385
7607-56902-0842	350.20377	1.7925203	19.491947023584903	0.3110874417542666
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SDSS_NAME	RA	DEC	MagAve	Sigma
3933-55335-0872	234.8019	2.204	20.58383082142857	0.3364514859433429
4082-55367-0002	320.99468	2.435	19.85137910231025	0.22565033200218648
7848-56959-0636	358.48878	1.5352182	21.060093242574265	0.45497988666475
0635-52145-0625	312.778	1.2056	19.7102958888889	0.30283936845022624
0743-52262-0550	347.6478	1.415	19.670586622222228	0.3164662629827581
4363-55537-0288	340.9495	2.283	20.221035867977537	0.2710471254193697
7601-56959-0914	355.48446	1.1242023	19.82061318032786	0.26041630420433703
4204-55470-0312	339.69747	0.873	20.168881900000001	0.39894427067672683
3865-55272-0198	220.04347	2.347	19.923913864628823	0.28832177776432544
5142-55825-0111	321.0527	2.115	0	0
5472-55976-0902	221.70978	1.705	20.362250730000007	0.31487563731119567
6138-56598-0620	355.4992	2.142	0	0
4189-55679-0700	251.43074	1.486	19.79436777089783	0.2444033964027433
6043-56096-0442	239.27396	2.292	19.650383980198022	0.4114264032342364
2777-54554-0130	222.59647	1.0532	19.01440132786886	0.24972888338867336
3946-55659-0631	237.18549	0.866	19.861330255060732	0.1959693011530881
0350-51691-0516	258.74793	1.6875	19.006515133333345	0.16926140996386288
6318-56186-0342	250.00887	2.369	18.30534122372882	0.4264687361267015
0920-52411-0232	220.82383	1.0549	18.822760397101444	0.15973706032254356
0982-52466-0613	313.22751	1.0859	19.519465250000003	0.23494658847747385
4292-55532-0924	342.22298	0.803	18.893344204022984	0.22544836089342785
4408-55888-0184	351.6861	1.04	20.304991418032795	0.22953426645969865
2150-54510-0531	225.84565	1.116	0	0
6720-56390-0815	226.8694	0.852	19.11759480666667	0.2797237671745322
6715-56449-0866	237.20903	2.187	19.57456547058824	0.28875436969513973

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SDSS_NAME	RA	DEC	MagAve	Sigma
4064-55366-0402	246.99195	2.184	20.67284613043478	0
6177-56268-0387	359.98636	2.386	19.212291548872173	0.25680552116317457
4379-55881-0274	335.48774	2.246	18.820527544736837	0.5002558561031084
5058-56208-0627	338.52887	1.054	20.407267522388064	0.33411360445510013
8494-57104-0643	224.14006	2.0888774	19.774759019417484	0.28384382760141863
5047-55833-0949	335.49088	1.912	19.65246051020407	0.3530172791198258
7582-56960-0777	337.0232	1.0893091	20.143143450000004	0.24603114486233943
4095-55497-0907	329.49078	0.984	0	0
0614-53437-0239	229.62476	1.138	19.719547529411763	0.17129577146916553
7657-57309-0915	342.26932	0.9189584	0	0
8498-57105-0972	223.41626	0.8646646	20.462514307692306	0.279236947794671
3949-55650-0364	231.80959	2.036	20.47867832110092	0.15662835091840632
6028-56102-0376	253.16022	1.083	18.331288581993576	0.0901305056146762
6033-56069-0104	240.46172	0.802	20.25628113684211	0.41843262019438665
7578-56956-0581	334.03863	0.8581681	0	0
4175-55680-0860	255.3592	1.408	19.512587582840226	0.39497855752840283
2967-54584-0003	243.08231	0.9628	18.712918868263476	0.2587878608810111
4093-55475-0847	325.46791	2.326	20.1871495	0.6999519932933765
2883-54525-0436	231.82657	1.5001	17.88521364835165	0.1286486534616107
6589-56536-0306	346.4635	0.813	19.82506871518988	0.591764822831212
3874-55280-0716	220.85909	2.189	19.978987381818193	0.5170112705505547
7612-56972-0664	345.10183	1.3541144	0	0
4377-55828-0116	332.59857	2.378	19.41185029595015	0.22806020923343415
8490-57104-0448	223.43406	1.4471133	19.657318078947362	0.45520130543389026
7639-57297-0884	327.75807	1.4962627	20.062479827586202	0.30006582180714964
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SDSS_NAME	RA	DEC	MagAve	Sigma
6737-56365-0194	224.17504	2.414	18.887880336787564	0.15889623439369058
3937-55352-0590	234.90223	1.297	0	0
0719-52203-0139	334.07695	1.3239	18.634513421731135	0.16205821502988782
1114-53179-0226	314.25528	1.0504	20.30073138636363	0.25477359669216404
0537-52027-0121	221.77689	1.1584	19.751326173144882	0.26508486766063855
7602-56954-0520	352.97029	1.1417173	20.23611238554218	0.29277881590441723
3869-55273-0533	220.87103	2.343	20.12262857264957	0.3386857136522782
8056-57186-0086	250.08928	1.8036212	0	0
7577-56944-0802	337.09414	1.411915	20.446792884615384	0.33441078987919376
7641-57307-0500	325.58636	1.1865548	0	0
1340-52781-0348	248.63593	1.6671	19.229733424929183	0.21767965316765076
1688-53462-0271	255.46099	1.3529	19.350155587020662	0.25109952183895945
7146-56573-0122	358.56991	2.32	18.579188016949168	0.16576773940930448
4715-55653-0666	223.45274	2.127	20.41813655263158	0.25069908593529755
3957-55664-0226	226.92658	0.885	19.453246413043477	0.23830135922628554
6019-56074-0612	225.91011	1.118	19.77246444813279	0.38757356948378646
7701-57356-0133	352.99206	2.1449246	0	0
6713-56402-0836	229.67888	0.931	20.04055005747126	0.2704523460433212
3961-55654-0152	229.67951	2.292	19.335745608695674	0.13039694569042745
6154-56237-0432	345.15508	2.205	19.88636704285714	0.5771309826924896
4071-55660-0192	241.83632	0.973	19.71237023809524	0.11774564892929341
0984-52442-0157	315.02638	0.8064	19.412364508474575	0.29141461833246013
4379-55881-0774	335.57948	2.323	20.22779157407408	0.26137525067777007
7648-57329-0320	335.58118	1.2235819	0	0
0718-52206-0370	331.24689	1.9674	18.53692513943355	0.11609508712197275
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SDSS_NAME	RA	DEC	MagAve	Sigma
3868-55360-0854	220.13802	2.191	18.999769103448305	0.2441511099218508
6793-56430-0898	243.1521	1.096	19.362517673611112	0.19782981544530684
7574-56945-0745	332.66343	1.7161115	20.22199137864078	0.3078465351989789
2173-53874-0499	240.54829	1.0726	0	0
6291-56209-0777	338.63025	2.232	19.744390962848303	0.41675992836514497
6322-56190-0660	247.12718	1.031	19.757586655172418	0.1672377539354846
1105-52937-0242	331.25834	1.4844	0	0
1580-53145-0621	238.30277	1.1693	0	0
1814-54555-0506	222.69636	1.7497	18.764220845303846	0.1397814213332135
1724-53859-0240	234.95581	1.705	18.19409415406163	0.037939097021383386
5145-55835-0278	325.71215	0.913	20.180818790123453	0.3038414610179266
0538-52029-0022	224.98599	1.3871	19.844326116336624	0.3709258139654621
6296-56219-0888	341.12237	2.513	20.106583343065694	0.3238728054738015
4889-55709-0798	230.79086	1.893	17.891895648351646	0
6298-56208-0814	339.84439	2.357	18.5924116830986	0.1226990978029872
8498-57105-0308	221.81994	1.9332974	20.10223673529412	0.46152234656893304
5142-55825-0008	321.60547	1.043	20.26688788976377	0.293638220879238
2948-54553-0210	248.69696	1.584	19.33363616060605	0.22253982923149812
1292-52736-0196	228.79531	1.6631	18.68064549315068	0.12456213417257317
7605-56949-0338	342.39855	1.3019297	19.771736847656268	0.49272389873011535
1114-53179-0559	315.57301	1.2142	0	0
3934-55336-0890	241.88467	2.353	20.379634972972983	0.26180599804430665
0719-52203-0443	334.16884	2.1165	18.48442320945946	0.13848817471380273
4977-56047-0073	234.97054	2.38	19.596605949640274	0.22629456921399735
8489-57483-0464	221.83058	1.0542439	19.791326282442743	0.35528953240781586
Continued on next page				

Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
2146-54230-0502	225.00447	1.1881	18.12885055520505	0.07068409099638691
1823-53886-0287	241.89241	1.3047	19.225879802547766	0.3281635878414677
0921-52380-0515	224.23807	1.0873	19.33374272959184	0.20834426542539008
6017-56075-0238	218.59648	2.293	20.19709170588235	0.25591090508275277
4280-55503-0654	355.68118	1.311	0	0
5043-56187-0062	338.66249	2.394	19.86747846875	0.2646803754370255
4184-55450-0392	245.78915	1.117	20.579751121212123	0
6518-56567-0488	355.68461	2.075	19.904668505263164	0.2999163520368883
0637-52174-0124	315.88904	2.1149	0	0
3928-55331-0342	243.19709	2.428	0	0
4213-55449-0090	355.69853	0.918	20.006767133802818	0.3903788612582689
6708-56452-0413	233.98105	2.406	19.426277146153847	0.26896330552335823
3869-55273-0712	221.85273	2.49	17.91570643097643	0.052401531697035306
8740-57367-0448	359.36186	1.2735498	20.14395252459017	0.19286395407667528
1581-53149-0197	234.9968	1.5055	19.126410580000005	0.12352757597770019
1170-52756-0467	241.9223	1.0983	19.04085163559321	0.21525070340478072
6734-56386-0250	228.82727	2.349	19.29659372413793	0.19527617887105223
1165-52703-0313	225.98067	1.6459	18.94801020320855	0.4817292117035485
4984-55827-0032	259.44249	0.932	0	0
7595-56957-0581	359.37102	1.3119527	20.5010695	0.1957424169507443
5203-56034-0830	243.21306	2.198	20.271107490196083	0.4405000115547641
6729-56419-0974	236.20667	0.858	19.22969622012579	0.13958244665659758
4206-55471-0450	342.45883	1.94	19.690589200892852	0.292624810535219
7703-57333-0964	350.45072	1.8354738	20.440421510204082	0.4318563942101541
4201-55443-0946	335.67635	0.802	20.070502898305104	0.442043041126369

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Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
6795-56425-0985	229.75766	1.045	19.472668494623665	0.42072348206630433
6813-56419-0224	219.39132	0.874	0	0
4994-55739-0236	259.47012	1.441	20.255980394736827	0.27740250305044617
0637-52174-0618	316.77592	1.5813	18.932240869806083	0.20176631159228334
7613-56988-0710	343.81474	1.3815523	19.115294396296296	0.2345139386454772
4289-55856-0606	345.2691	0.827	20.319927016666657	0.2653830458315857
5211-56002-0736	235.03393	2.43	0	0
7648-57329-0745	335.69228	0.8137525	19.834925960264904	0.3181574874090816
7654-57330-0599	337.24642	1.1308453	19.932068884057976	0.2221928511370447
8741-57390-0850	359.38114	2.4639232	19.61698157358491	0.43100860503202026
4187-55693-0248	248.79373	0.902	20.172240713114764	0.3506645601567047
7608-56945-0520	343.82193	1.6499617	19.258050460641385	0.21149337280462824
1646-53498-0311	220.20891	1.774	18.19748970608108	0.10650117189792627
5034-56190-0116	345.28752	2.284	0	0
6735-56397-0840	232.97021	0.829	0	0
0926-52413-0190	235.03613	2.1667	18.916979689855076	0.14806778652554428
8502-57512-1000	219.3994	1.3454195	20.514975356321838	0.2676323032150624
4199-55481-0300	331.36609	2.449	19.58495730434783	0.30097549433786064
7612-56972-0322	345.29584	1.2267969	20.34155088888889	0.3005872670119742
5143-55828-0282	321.94129	2.045	20.2370614423077	0.39388765510387475
0979-52427-0185	259.55522	2.0828	0	0
7611-56946-0602	346.6569	2.262	19.855296444444445	0.4211868130154578
3957-55664-0592	226.01331	2.31	20.145733206703913	0.36996498734961003
4977-56047-0776	234.03906	2.38	19.9605399137056	0.3864484262654561
8404-57481-0623	218.64365	1.4858053	20.260172333333337	0.33388916087732073
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Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
7656-57338-0459	341.23879	2.2246637	0	0
7605-56949-0703	342.51537	2.0281	20.490108611111115	0.18528679988633273
7577-56944-0856	337.29316	1.3549623	19.56232965371026	0.35124221864060906
6032-56067-0624	235.06423	2.329	20.124544222972975	0.22999095770154512
4193-55476-0900	322.0377	2.239	19.889725927461157	0.30924587380944907
4208-55476-0768	346.66835	2.228	20.4941651047619	0.1697173932393476
1646-53498-0034	222.77195	1.4899	18.9590053259912	0.08973542492737427
1722-53852-0115	233.00229	2.1323	19.15483522935781	0.19039159955372226
6796-56453-0684	230.88896	2.339	19.46079103636364	0.36341380619935026
7609-56959-0414	342.52022	2.25	19.93555462195122	0.5015057334780634
3936-55302-0341	237.39255	2.232	20.383326647058812	0.3182690519635281
7669-57329-0434	350.52231	1.7007606	20.3423886923077	0.25432102146953894
7586-57186-0970	338.77151	1.0795636	0	0
5478-56014-0614	223.54903	2.076	19.087034977366233	0.46619167436430464
0610-52056-0160	226.03811	1.4956	0	0
0620-52375-0292	238.43791	1.1646	0	0
6726-56394-0224	224.31875	1.35	19.32666829746835	0.18094918678706906
5064-55864-0596	331.43857	2.291	19.91686714589666	0.3981773944584424
6713-56402-0178	229.82975	2.276	18.765790878612723	0.34977652650996915
4808-55705-0872	240.72198	2.395	19.536869454385958	0.22388102889364328
0613-52345-0436	228.90504	1.8219	0	0
7575-56947-0474	329.85336	0.9438351	20.198499109756092	0.31269529437174215
8404-57481-0893	220.25612	1.0172211	18.80451931914893	0.16914372148623616
6031-56091-0412	250.32939	2.355	19.14366376530612	0.15958312477530448
6726-56394-0206	224.32941	2.365	19.92582101923077	0.3725957056973042
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Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
4213-55449-0898	355.85968	1.109	20.406882880208325	0.21511042995124352
6585-56479-0035	341.30818	0.81	20.11761526875	0.21159146334954335
2949-54557-0330	248.90764	1.7751	19.56233907123288	0.16073798185217403
3940-55327-0688	239.56643	2.444	19.862289133574	0.21586643951723686
5492-56010-0288	230.92499	2.205	18.59790844987148	0.1134761152589265
0645-52203-0295	349.24416	1.7991	19.05301449834983	0.32552644115991763
7580-56955-0136	331.47371	1.1634701	0	0
4016-55632-0764	226.06497	2.12	19.800936643979064	0.20178086601419465
7137-56566-0852	355.87566	1.953	19.42554494680851	0.1812590425161278
7573-56946-0404	328.14103	1.226744	20.482698062500003	0.13550489794363282
2530-53881-0281	244.58054	2.083	19.185450691489358	0.15194963847177684
2774-54534-0626	218.69483	1.4558	18.82959309459459	0.1837690812164597
4209-55478-0648	348.00578	2.206	19.517170786082474	0.3506849295825254
6794-56448-0222	223.58478	0.901	20.02401038636363	0.16350428169051012
4017-55329-0144	227.99154	2.255	20.037990646341463	0.27216175963670725
4364-55855-0688	342.59243	1.754	19.83266308550187	0.3072021191944335
6162-56191-0707	346.74943	1.766	0	0
3875-55364-0660	223.59063	2.432	20.464336474358984	0.3702258836944507
0791-52435-0227	220.28278	0.8217	18.891917379032254	0.18141169639113533
1854-53566-0289	245.97923	1.0408	19.41283070674486	0.27314701474631536
5471-56034-0670	220.28349	0.852	20.295402327102803	0.3446434315439802
4205-55454-0376	341.34502	2.134	0	0
7607-56902-0091	350.60193	1.1837302	19.481522179401992	0.3621347888045485
1105-52937-0207	331.51234	1.3446	18.213163551948046	0.11231813004636561
5491-56034-0394	229.87695	0.859	19.42994888346884	0.19803602951399246

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Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
3937-55352-0368	235.15737	1.113	20.436733979166664	0.19442377411599698
5905-56065-0572	221.96199	0.889	20.395990373015856	0.26416642308523564
2792-54556-0143	227.11641	1.2426	18.051875020057288	0.07686400592708273
0744-52251-0326	348.02817	1.1089	18.638232193832582	0.16108348302493622
5210-56003-0680	237.47282	2.527	19.289440695522384	0.2667494043923879
3961-55654-0776	228.94957	2.204	20.105800372881355	0.5331464594311299
5469-56037-0826	220.29386	2.206	19.878587287769783	0.2428425594808776
7644-57327-0736	331.53648	2.2164798	0	0
4777-55707-0814	225.17015	2.513	19.066618492113562	0.13473666568389694
7703-57333-0692	349.30726	1.1841514	19.66155274736842	0.24386669107659217
4965-55721-0813	240.81126	2.359	0	0
6503-56564-0746	349.31061	2.064	19.495248170212758	0.24017907472892322
6714-56447-0968	234.14673	1.154	18.875077769784177	0.06415514728683233
3953-55322-0882	234.15323	0.953	19.132973536585354	0.18940660657643127
6116-56245-0268	354.62913	0.868	19.65930735820894	0.25009536241710567
1103-52873-0540	335.88201	1.1739	19.302837924855496	0.31781868847064115
6786-56448-0858	242.13157	1.268	19.66960170175438	0.31254124755163554
6734-56386-0160	229.90927	2.354	20.267859809160296	0.17378725937885034
8056-57186-0580	247.45635	0.9650737	19.669612210659892	0.19241216959802343
7607-56902-0394	349.32663	0.880587	19.568968166077724	0.2194945348210663
6515-56536-0372	355.96606	2.317	19.840680948275857	0.5022223680846155
6515-56536-0644	355.96988	2.201	19.899830745222935	0.38238472882063185
6023-56069-0922	221.08364	2.203	19.967989196078417	0.28387661202180214
1049-52751-0541	226.13043	0.8236	18.894555553846143	0.3635759865023585
3929-55335-0248	242.16638	2.195	19.649215377419356	0.30032326195526055
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Table 4.2 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
4281-55836-0096	355.98244	1.609	19.826133433460075	0.3122526620743552
6147-56239-0174	349.357	1.718	19.921163874100714	0.2981480513969738
6982-56444-0102	225.21265	2.303	0	0
7605-56949-0234	342.69141	2.2424796	19.738518974820153	0.2738552824632415
7669-57329-0366	350.76076	1.5445368	20.12375768421053	0.27889982267396896
6796-56453-0944	233.06937	1.124	19.619542064	0.2401375032783354
4288-55501-0672	346.77639	2.438	20.140764250000004	0.4307161932003011
8433-57488-0989	223.61108	1.1527035	19.914831977272733	0.24088908245819274
2516-54241-0201	235.01554	1.7873609	19.15370043589743	0.30485773526886345

4.2.3 BLS1 galaxy

Table 4.3 List of BLS1 with its amplitude of variability and

SDSS_NAME	RA	DEC	MagAve	Sigma
SDSS_NAME	RA	DEC	MagAve	Sigma
103439.69+532850.1	158.6654	53.480634	20.133261082568804	0.363903134738363
084007.63+441604.3	130.0318	44.267887	19.68420181226053	0.3041654917972482
002838.52-034328.7	7.160507	-3.724645	19.864097329268294	0.3167514100558452
001257.81+254337.0	3.240913	25.726951	18.737927141868507	0.2261717523657599
094555.44+404950.2	146.48101	40.830634	19.729423711934164	0.3432724840603071
145302.38+470832.7	223.25992	47.142439	18.905971650273223	0.1886554514093008
013753.96+024207.0	24.474855	2.701947	0.0	0.0
100206.79+423144.6	150.52829	42.529078	18.21561204918034	0.0903860999981292
081100.33+571134.9	122.75139	57.193049	20.17233945555556	0.2610407422978499

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Table 4.3 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
231201.18+255807.3	348.00492	25.968719	16.44641119999999	0.0
095828.55+555025.0	149.61898	55.840298	20.06822315789474	0.2951299065006963
114342.43+271009.2	175.9268	27.169238	19.80584084375	0.3254436220722876
083953.06+193830.1	129.97109	19.641699	20.1609789140625	0.4693829474429415
081558.88+224139.3	123.99534	22.694275	19.844211116379324	0.3920638642227945
011432.12-015357.6	18.63387	-1.899342	19.44637501626016	0.3184471553651582
100950.90+254712.7	152.46211	25.786877	19.553008837628852	0.3144560290746008
221851.83+205114.0	334.71597	20.853903	18.771257139204543	0.300442516937457
012616.13+050209.9	21.56725	5.036112	18.61352649193548	0.2144002772089585
012446.05+250004.7	21.191887	25.001314	20.26513891764706	0.3992014191614811
002440.07+261147.1	6.166968	26.196427	19.24779572659177	0.3045505080659031
101251.66+445532.4	153.21524	44.925695	20.052665957746477	0.259609020356372
224700.90+251832.6	341.75378	25.309076	17.91650386111111	0.2710814894331155
001213.29+242323.6	3.055415	24.389909	19.6484841577061	0.5953115449780696
140004.34+094853.1	210.01811	9.814761	20.36302486821706	0.3220076690667548
122333.58+492821.5	185.89002	49.472738	19.88616431496063	0.2591549843393904
142450.83+424629.7	216.21182	42.774939	19.152896330143538	0.4168934565530658
025306.51-021345.4	43.277135	-2.229287	19.79504481742738	0.3307397522775393
021640.73-044404.8	34.169737	-4.734692	16.446543402061863	0.0997492728959328
083349.55+395047.3	128.45647	39.846474	19.52238377313433	0.258713911914583
111837.14+280054.9	169.65479	28.015255	19.33916163852242	0.3371188828714204
124058.54+624814.5	190.2438	62.804142	19.042073350000001	0.2894494369239648
012455.55+191221.6	21.231479	19.206003	19.766529500000004	0.3700470197869111
132658.39+455100.9	201.7433	45.850264	20.04457699090909	0.4133661548792373
132038.12+471543.2	200.15886	47.262086	0.0	0.0
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Table 4.3 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
015026.85+260524.4	27.611879	26.090132	19.74792908108109	0.303897108424574
235629.03+010930.7	359.121	1.158571	19.914691599526066	0.2014907129737464
150139.40+324809.9	225.41419	32.802753	20.14913256643356	0.377717663741844
134641.20+623100.5	206.67167	62.516892	19.99169481538461	0.338464095091445
015751.43+274029.6	29.464329	27.674895	0.0	0.0
134512.31+442450.3	206.30133	44.413979	19.456662153846136	0.2738763401022776
152022.67+322204.5	230.09449	32.367917	19.56034652272726	0.3094198931335474
011744.43+241726.7	19.435142	24.290775	20.060136597989946	0.3603981557374665
083239.13+434517.6	128.16305	43.754916	19.90001528048781	0.2201215414013272
021507.10-035725.3	33.779611	-3.957032	20.24728489795918	0.3177388827147147
121653.36+424048.8	184.22237	42.680225	20.02694377380953	0.3108937951070847
000716.86+215146.3	1.820267	21.86288	19.117694213414637	0.4585558347090746
142350.04+550316.2	215.95847	55.054594	20.110512543859645	0.3175375951215577
020835.75-020204.8	32.148995	-2.034675	18.98166823875433	0.1363679749033319
021642.27-025843.2	34.176164	-2.978688	20.043838451428567	0.3408725652424609
230020.05+202739.1	345.08357	20.460864	18.813604033132545	0.3151648644599508
010810.76-015457.5	17.044852	-1.915995	19.147766741035856	0.2448802352499819
013600.23+240543.0	24.000995	24.095301	19.89821491287879	0.2949514123753863
012822.63+021737.3	22.094301	2.293699	18.74986582195845	0.2189549902034683
004744.16+021803.2	11.934001	2.300903	19.51740178961037	0.2521644357473626
151334.90+485406.1	228.39543	48.901714	19.617865048192765	0.2325158327891398
082512.33+472815.8	126.3014	47.471193	0.0	0.0
095131.29+503251.0	147.8804	50.547513	20.02101288549619	0.3582294849403271
085450.39+492315.6	133.70998	49.387751	20.026897166666664	0.3066758948085343
212852.68+080308.6	322.21951	8.05239	20.056093854271356	0.4734567780688452
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Table 4.3 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
013201.54+235323.4	23.006452	23.889835	20.456606444444443	0.196050667885479
080608.54+382806.9	121.53561	38.468606	20.254195712962968	0.2849616782236928
001619.47+043737.4	4.081146	4.627068	20.314919965986405	0.286819466510515
235005.48+233814.2	357.52283	23.637289	19.798378751196168	0.2519871230540016
100047.91+372740.7	150.19963	37.461322	19.77570426515152	0.3074216719830254
225205.31+245250.0	343.02215	24.880565	19.49749889622641	0.3266156612210285
114156.80+044043.9	175.48671	4.678863	20.566085456666663	0.1989840942919009
015444.58+232610.3	28.685784	23.436201	18.196460865671632	0.0
124926.31+361801.3	192.35965	36.300367	19.64870835294117	0.292735284660101
073440.76+445337.6	113.66987	44.893802	19.474961707006354	0.4005710358901242
223100.05+240718.9	337.75023	24.121922	0.0	0.0
104614.80+375928.5	161.56169	37.991256	19.591702367647063	0.2619730738435618
111937.60+545513.7	169.90669	54.920573	20.050286324324325	0.3605082725564496
140726.61+282236.1	211.8609	28.376718	17.44115762295081	0.0
101528.86+533325.5	153.87024	53.557191	19.912339416666672	0.3640405729761093
115624.92+470435.1	179.10385	47.076432	19.033321225988704	0.231092668646399
012011.27+200529.9	20.046972	20.091642	0.0	0.0
235540.99+281108.4	358.92082	28.185669	19.730993378571423	0.41182841092611
225651.29+234711.9	344.21373	23.786648	19.336398244444453	0.2622433776593807
120132.12+372911.7	180.38384	37.486601	18.759968695792875	0.2929126079731
234006.85+222150.5	355.02855	22.364031	19.93972435135135	0.5450526286394832
114948.93+482459.5	177.45388	48.416621	19.29791969135802	0.2285219780407849
001116.58+133121.1	2.819126	13.522523	19.890563817258883	0.3738930153282624
224033.07+195411.4	340.1378	19.903176	19.949740982142853	0.2868462906937716
004621.65+204525.7	11.59024	20.757157	18.531153166233757	0.1077622242007256
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Table 4.3 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
002710.88+210309.1	6.795364	21.052549	19.477952980830658	0.2978736694257748
131727.04+421002.1	199.3627	42.167252	19.97858725625001	0.3525460553430894
142304.15+524630.1	215.7673	52.775047	18.448531	0.124603946809111
014915.96+023324.9	27.316533	2.556933	18.8979650801282	0.2532449745307397
025425.49+033811.3	43.606223	3.636494	18.48497594778068	0.1914927721031996
134128.52+492438.1	205.36886	49.410674	0.0	0.0
164931.65+483523.9	252.38192	48.590051	19.218062073059365	0.2209609491161585
142137.77+441355.5	215.4074	44.232092	19.48295141208791	0.3145389703781155
000926.13+320441.6	2.358901	32.07823	20.077477282758625	0.4218942635533543
021337.50+023511.9	33.40627	2.586665	19.33847694752188	0.2561238834587169
122124.32+350351.6	185.35135	35.064341	19.468367532374117	0.4457246798444532
002039.04+275403.7	5.162702	27.90104	0.0	0.0
123722.12+402719.4	189.34221	40.455398	20.01030472477064	0.5632177318114592
111856.02+495229.7	169.73344	49.874963	0.0	0.0
095503.98+561846.7	148.76655	56.312966	18.45876988888889	0.1694662584755875
003003.16-032100.0	7.513175	-3.350027	19.58902586842104	0.3058891926766706
134147.97+533646.0	205.44989	53.61286	19.42443953125	0.451890240242603
144553.76+131614.1	221.47404	13.270598	19.36483534770117	0.2655723146308535
144548.27+075256.0	221.45115	7.882236	19.542875437106925	0.2666053743632083
124652.20+562122.5	191.71753	56.356329	19.76942809523809	0.1835198147159368
084525.57+450156.7	131.35657	45.03244	19.565663687943257	0.3094132380761765
004135.96+282218.6	10.399846	28.371861	18.108607970394743	0.0685126176021547
074604.21+280624.9	116.51758	28.106937	19.73434463736264	0.6741627245027876
150717.62+571727.7	226.82338	57.291095	0.0	0.0
021742.25-015937.9	34.42605	-1.993883	18.950868131672586	0.1660810547261576
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Table 4.3 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
024650.75+020751.7	41.711468	2.131029	19.396106821782187	0.4896214278743551
004054.38+244623.3	10.22662	24.773161	19.74437241877256	0.3971145063273829
154121.37+063804.1	235.33906	6.634501	0.0	0.0
023931.87+002854.0	39.882825	0.481675	18.58666556269114	0.3172805533336182
125659.77+071253.6	194.24905	7.214896	20.154025280612245	0.401631023851468
145349.87+531745.8	223.4578	53.29613	0.0	0.0
140023.27+491243.4	210.09696	49.212089	20.45468933333333	0.0839798046147554
133025.74+645424.6	202.60731	64.90688	20.062221823529416	0.4157251717783052
001453.83+021452.2	3.724331	2.247847	20.25184986153847	0.1660667118703304
092845.08+134801.4	142.18786	13.800414	20.11175860266668	0.2457100126973425
142438.09+463022.0	216.15871	46.506115	0.0	0.0
102559.95+255522.5	156.4998	25.922927	19.82669292592593	0.4441842178152655
110546.14+641557.3	166.44224	64.266039	19.13526613333334	0.2365855621435576
232814.76+232305.6	352.06152	23.384892	18.27782465060242	0.151995185353308
132854.67+470810.0	202.22778	47.13612	19.752376082733804	0.2989831258268766
095847.37+503556.5	149.6974	50.599036	20.12936428571428	0.2868751329212539
113714.32+615002.0	174.30962	61.833973	20.38663653571428	0.3979811747222242
004716.86+263614.7	11.820291	26.604102	19.92415024365483	0.2616671741142067
224336.81+191414.0	340.90341	19.237245	19.26226777903683	0.2612577447378095
113843.38+370830.8	174.68077	37.141891	20.165166801204823	0.3293750019989935
114832.56+370815.6	177.1357	37.137686	19.869800903930138	0.3602429837467647
005610.48-013818.6	14.043678	-1.638512	19.903885580645163	0.5529103355796363
021741.23-040035.0	34.421802	-4.009735	19.533908475836437	0.2460308341929565
022320.19-030423.0	35.834164	-3.073058	20.07676403076924	0.3505905622813958
154128.24+553156.7	235.36771	55.532513	17.93805906338028	0.0767838192473985

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SDSS_NAME	RA	DEC	MagAve	Sigma
083457.00+421911.5	128.73754	42.319867	19.663968691131497	0.3747394793825686
131724.06+463228.5	199.35026	46.541278	19.394352038216557	0.2691101303752892
121639.52+422951.1	184.16468	42.497541	19.745729579787223	0.3164342542219862
091247.29+392757.5	138.19706	39.465983	20.24863103571428	0.3502558219273873
022407.67+013126.8	36.031962	1.52412	19.418758046296293	0.466360677548417
112026.51+580447.7	170.11046	58.079928	20.49878744	0.2421136367641381
121417.06+275826.6	183.57112	27.974081	20.09567022302158	0.3174283312397194
155400.94+314610.7	238.50394	31.769646	19.52952256228956	0.3081846751518752
102055.59+455219.0	155.23166	45.871949	20.27655028448277	0.3039556908573552
002538.51+223655.2	6.410493	22.615341	19.357454480565387	0.2583408739914773
132257.77+404750.3	200.74072	40.797323	18.21728491015624	0.0962084380287316
105829.60+013358.8	164.62336	1.566332	16.662969338308454	0.5932418729114654
020621.18-011624.2	31.588268	-1.27341	18.766246324414706	0.116840342919563
160546.26+591403.6	241.44272	59.234373	19.32447168461537	0.2751327869571546
111128.79+623629.3	167.86984	62.608283	19.75081019672131	0.4513169258674542
024004.86-054821.3	40.020263	-5.805919	19.27657163385826	0.3941695432027188
141412.84+025409.2	213.55353	2.902579	20.177545128205136	0.3971348665372336
023237.97-010231.2	38.158243	-1.042023	20.357009290909097	0.3529451434397628
025426.99+044922.3	43.61246	4.822873	18.463109188732385	0.1679116685438108
115325.93+251611.4	178.35808	25.269855	19.52701851020409	0.2493722559271525
012326.27+235503.9	20.859492	23.917771	18.92826093235292	0.2607538165124677
222311.34+185950.6	335.79727	18.997408	20.3000695	0.4545667153868838
001004.36+213218.3	2.518204	21.538431	20.148002274336285	0.370296468194096
125911.12+482519.7	194.79635	48.422167	19.469649776923077	0.2165447263835198
095252.85+405512.3	148.22021	40.920095	19.148979700680268	0.1771192317357045
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SDSS_NAME	RA	DEC	MagAve	Sigma
091948.41+400519.7	139.95172	40.088815	19.15864733333333	0.180796431061159
133453.37+383647.9	203.7224	38.613328	19.6025768115942	0.2644534795064972
152613.80+084502.8	231.55751	8.750785	19.5700134479638	0.3122464210118693
111955.69+403623.6	169.98206	40.606583	18.88649273870968	0.1712626006692638
092335.47+312408.9	140.89781	31.402495	17.726721422988483	0.0632245819155353
100500.34+281252.4	151.25146	28.214578	19.11432340408163	0.2928565363449474
100543.79+165425.9	151.43247	16.907208	19.890188796791445	0.3276247598121832
220425.37+213206.3	331.10572	21.535093	0.0	0.0
005810.00+185622.5	14.541707	18.939598	19.2378356446281	0.3766289046204246
101638.73+473619.3	154.16139	47.60537	20.25457902336449	0.3527171261071762
153901.87+251804.8	234.75781	25.30134	19.175786814925363	0.3070464401195805
074018.29+461422.7	115.07623	46.239653	19.498680165517232	0.3716395068860686
104335.87+115129.1	160.89947	11.858111	16.15795404888887	0.0
095234.75+503257.3	148.14481	50.54935	19.46787697326203	0.2918442302099229
120329.85+480313.6	180.87438	48.05378	16.867239527624292	0.1585568068430421
230210.17-005732.4	345.54241	-0.959023	20.26952173983739	0.1583462932736399
101353.31+391619.0	153.47213	39.271965	19.16952473163842	0.3267432793159394
012744.95+265440.1	21.937306	26.911156	19.409790767584106	0.2224755068348411
005615.87-013042.6	14.066135	-1.511838	20.37767515151515	0.5040431822240389
102756.70+254146.8	156.98626	25.696336	18.712002685466388	0.2957751689424551
213451.82+000240.6	323.71593	0.044649	0.0	0.0
223521.91+195339.7	338.8413	19.894379	19.395661828282837	0.3409913900487322
015545.83+003524.2	28.940982	0.590076	20.222938000000003	0.4252926214737145
110440.72+602822.4	166.16966	60.472994	20.11157	0.3216362435073528
131134.38+592010.6	197.89323	59.336361	20.22524025000001	0.3793833955058016
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SDSS_NAME	RA	DEC	MagAve	Sigma
231531.63+051156.7	348.88181	5.199103	19.41406208359134	0.3226956493901008
125947.30+480241.0	194.94711	48.044725	19.830693756410263	0.3469825597671466
123725.21+475700.1	189.35504	47.950035	20.523847194444445	0.355258685560944
123016.87+392844.5	187.57029	39.479042	20.10097717821782	0.3478703149142916
092736.82+120757.0	141.90342	12.132511	17.69535468760906	0.0464494555433154
120754.74+370829.9	181.97809	37.141662	19.023481089285717	0.3576232570683842
022134.31-043025.6	35.392993	-4.507112	20.05704815625	0.4341481725669167
095022.36+562349.1	147.59318	56.396977	19.575840210191068	0.3485415431710324
232856.63+220316.1	352.236	22.054496	19.103851469841285	0.2129769726965317
111101.00+463032.1	167.75417	46.508932	19.91485717391304	0.4765097555250235
011525.21+050929.5	18.85508	5.158198	18.171152217289723	0.13246784155995
164705.67+503358.9	251.77365	50.566375	18.63497115283843	0.1800611605165861
013836.26+291625.6	24.651098	29.2738	0.0	0.0
015049.53+011849.7	27.70641	1.313808	19.592860288194416	0.3028877457268616
083926.50+564228.0	129.86042	56.70779	19.00590518666667	0.2007920451002562
083523.56+384313.2	128.84817	38.72034	0.0	0.0
111729.57+214513.9	169.37322	21.753862	19.104306799999999	0.2203662745613448
104941.24+522455.0	162.42187	52.415278	20.10714542148761	0.2617525076915075
090159.75+284355.4	135.49896	28.732082	20.34914302298851	0.4792553549733013
073906.41+255504.4	114.77671	25.91789	19.86468766826924	0.4369952890672959
122507.46+281135.5	186.28111	28.193213	19.99978508270676	0.5233351567722324
105355.18+413251.9	163.47994	41.547753	19.4533897518797	0.2581078730787542
160536.73+081329.4	241.40307	8.224859	17.571129816042777	0.654026491915992
091028.76+481931.8	137.61987	48.325513	20.106552895161293	0.3260567501111177
080000.15+420206.3	120.00063	42.035107	19.74336746942146	0.3411278251721327
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SDSS_NAME	RA	DEC	MagAve	Sigma
005335.48+221537.3	13.397866	22.260367	18.208667159493668	0.0956219551185896
105730.37+490125.5	164.37657	49.023767	19.215010139534883	0.2881927034070053
103243.95+472912.0	158.18313	47.486676	19.117243464601767	0.4477675244776426
005925.21+225725.0	14.855057	22.956972	20.119411937500004	0.3353539271170035
085704.09+075819.8	134.26705	7.972187	17.53398247570332	0.0369513575776029
103925.50+552257.2	159.85625	55.382591	19.16328484375	0.2233273368199738
120146.42+195800.2	180.44345	19.966736	0.0	0.0
091808.15+435930.3	139.53398	43.991766	20.19495554375	0.291201980868392
140533.78+312717.5	211.39078	31.45487	0.0	0.0
160834.05+130201.0	242.1419	13.033622	18.701577053619317	0.1163046084329439
224513.36+183220.4	341.3057	18.539013	19.60725350458716	0.3033193946061275
014645.25-001236.4	26.688557	-0.210137	0.0	0.0
163656.84+364340.4	249.23686	36.72791	0.0	0.0
005803.35+302950.9	14.513978	30.497488	20.248856587719303	0.306388121888335
153731.01+335836.7	234.37924	33.976881	17.72620818442623	0.1852172822721499
153804.81+204749.6	234.52008	20.797127	20.042997427835054	0.2856317054759573
015737.47+092819.0	29.406142	9.471947	18.88096790925268	0.4821938207323918
005957.33+354035.2	14.988887	35.676446	0.0	0.0
011100.99+243005.4	17.754143	24.501513	17.601906088319087	0.0
022726.14+010909.0	36.858925	1.152511	18.632670454545465	0.1307421724871482
121947.90+455048.0	184.9496	45.846674	20.21994071311476	0.2780820381439073
220143.39+230556.7	330.43082	23.099097	18.97456653703703	0.2475630257864665
083342.37+444435.0	128.42655	44.743078	19.216613475460125	0.2524986276739807
234400.14+321748.6	356.00061	32.296858	18.953421426710083	0.1951292672888981
081737.27+314707.3	124.40531	31.785375	17.82756034160758	0.1771482859909103
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SDSS_NAME	RA	DEC	MagAve	Sigma
235139.29+174750.4	357.91373	17.797361	19.29508511724138	0.2579649400042706
080000.95+122430.7	120.00399	12.408556	18.298011794303797	0.4012701734488121
014005.12+024700.2	25.021372	2.783406	18.059144824104227	0.1355794177261833
231201.83+260550.2	348.00763	26.097304	19.081152101307197	0.2774334729361766
223255.46-004622.8	338.2311	-0.773002	19.48731283393504	0.3237534067071365
013308.77+065210.1	23.286576	6.869491	20.389575146341475	0.3403471361914466
001501.80-073417.7	3.757513	-7.571601	19.99684604310345	0.3824888082360678
014238.22+002905.5	25.659271	0.484875	19.52128273867594	0.312445541782122
124900.56+424720.1	192.25237	42.788944	20.155611659574465	0.2356797437918213
160202.64+214459.2	240.51103	21.749807	19.42412729117649	0.3062017860203145
012924.36+251236.9	22.35153	25.210277	0.0	0.0
124044.68+330349.8	190.18619	33.063846	17.305490035483867	0.0779732477284783
233026.76+320407.5	352.61154	32.068761	0.0	0.0
143255.27+151703.0	218.23031	15.284182	18.06285725065963	0.14141065963461
164108.19+302322.2	250.28415	30.38951	0.0	0.0
110303.52+115816.6	165.7647	11.971272	18.83014508866995	0.3587465076732928
121835.58+424749.4	184.64827	42.79706	19.8401854507772	0.2387705121559026
115904.38+422617.1	179.76825	42.438099	0.0	0.0
162806.68+434029.7	247.02786	43.674945	17.65883007117439	0.0877967665293534
163624.48+494446.0	249.10202	49.746125	18.67213596636771	0.0582733071412783
125235.36+471922.5	193.14736	47.322939	19.66896286928105	0.3562885325586757
121729.19+373903.7	184.37165	37.651052	18.106142634551503	0.0981248417359162
003650.00+013103.9	9.208353	1.517755	17.899018685546867	0.9944054137406204
221625.26+210435.8	334.10529	21.076622	18.610896185393244	0.1681887177646353
223528.50+220020.7	338.86876	22.005754	17.761074904891313	0.1243946253723298
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SDSS_NAME	RA	DEC	MagAve	Sigma
224615.45+215011.3	341.5644	21.836478	18.2733806957672	0.1627573860176129
001948.28+185506.3	4.951169	18.918439	18.434256324921133	0.148800986991599
013151.33+265911.7	22.963904	26.986604	19.379405729483285	0.2733149732058738
121139.73+520637.8	182.91556	52.110517	19.788333896296283	0.198486724619522
075943.36+331723.6	119.9307	33.289892	19.44822668253969	0.2693468194244963
224453.91+234329.8	341.22464	23.724953	18.86353008992807	0.2154661589154041
225343.70+195152.6	343.43209	19.86462	19.538325838283832	0.2645240126710195
000034.85-012630.6	0.145227	-1.441843	18.806550568181823	0.1748665941738524
165821.25+360705.4	254.58856	36.118171	18.919423658602145	0.1785291271380457
152715.54+353657.1	231.81478	35.615872	19.205934104089216	0.3113283876235841
122044.50+580155.3	185.18546	58.032109	19.92273901886793	0.414472028604592
221134.35+195135.4	332.89315	19.859857	18.78024298750001	0.2498982379399958
010941.44+002538.4	17.422684	0.42736	20.10928580851064	0.2542176808879473
125509.13+370913.2	193.78805	37.15369	20.49768770833333	0.214004980502927
224235.37+233309.6	340.64742	23.552688	18.02058817301037	0.1301032711355463
223438.45+193350.1	338.66024	19.56392	0.0	0.0
093125.73+454116.0	142.85721	45.687793	19.285757468992244	0.3162502530322891
230012.33+233527.0	345.05142	23.590834	18.907004843450483	0.1292844298261091
105515.39+503037.2	163.81416	50.510346	19.74829871875	0.2657084022036698
023339.51-033215.5	38.414658	-3.537656	17.542554669811324	0.4121940610096786
015354.82+044240.9	28.47842	4.711375	19.01699045414201	0.1811379336416381
111809.66+063917.3	169.5403	6.654822	18.53664143721973	0.1021778618717843
121731.09+303127.6	184.37956	30.52435	19.26847969565217	0.2399045614978744
001611.49+145601.6	4.047911	14.933788	19.63494908484848	0.2764351206897445
105223.76+641938.0	163.09904	64.327311	19.76984255555556	0.4382197988143319
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Table 4.3 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
220239.73+205102.4	330.66555	20.850673	0.0	0.0
141917.36+310923.2	214.82234	31.156452	17.41074657706092	0.0560931742621668
123109.16+652320.4	187.78811	65.389108	17.94053281818182	0.3535439314680881
075052.04+480345.6	117.71684	48.062765	18.898354870848703	0.2514649068577386
010341.18+024310.4	15.921597	2.719577	20.11685074285714	0.3324293190040254
134816.05+445502.1	207.06691	44.917256	20.085877690909083	0.3361746982712116
131621.34+232800.3	199.08893	23.466758	20.194532780000003	0.4160214209354913
224038.14+234457.1	340.15896	23.749195	18.747115461267605	0.1377263557057679
130128.83+584802.3	195.3702	58.80075	19.384903732323234	0.2036603778938946
232446.67+230626.7	351.19447	23.107437	19.14276202649007	0.2245407885890264
143120.39+012840.7	217.83495	1.477982	19.470766190031146	0.3572344547853904
102119.52+452654.7	155.33135	45.448535	18.98446723540856	0.2264339789748963
001834.94+270020.4	4.645602	27.005693	18.713421674796752	0.2285705008523886
080254.03+505636.2	120.72516	50.943409	0.0	0.0
141331.79+602615.4	213.38252	60.437676	18.80932907142857	0.1070241581850252
165028.63+434914.2	252.61932	43.820633	20.07164344041451	0.2570833312770466
084034.87+530553.5	130.14526	53.098243	20.2817403943662	0.272934419718347
115517.38+415315.6	178.82244	41.88768	0.0	0.0
010622.55-024612.5	16.593976	-2.770166	18.500239867469883	0.2082672043849441
013423.96+262025.8	23.599857	26.340527	19.5904347763158	0.2974447705890262
003302.77+162745.6	8.261563	16.462692	18.138970478915663	0.1232650061166238
215910.35+242124.4	329.79315	24.356802	18.95934480232557	0.334548389897105
235737.96+003227.8	359.40818	0.541067	18.816224126262615	0.2130068516203028
021041.37+264148.9	32.672381	26.696938	20.10862095522388	0.3009574049460504
093416.03+564354.9	143.56681	56.731944	19.102973049645392	0.1928863118546013

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SDSS_NAME	RA	DEC	MagAve	Sigma
002410.51+261633.9	6.043819	26.276085	19.57042034496125	0.2646010978504765
080957.39+181804.4	122.48913	18.301229	17.74995873889636	0.0460886392912521
220843.93+263753.6	332.18308	26.631566	19.448224295302023	0.3106841228190812
231527.68+181944.4	348.86535	18.329006	0.0	0.0
090154.96+380534.5	135.47902	38.092913	17.720897689320385	0.0331839670988045
004903.27+060231.8	12.26366	6.042178	19.677765294759823	0.2762938075021577
223529.09+233729.5	338.87124	23.62487	19.03498475088967	0.1554170179484775
125136.23+473833.4	192.90098	47.642634	20.377116724137927	0.3671534908143695
153843.94+530835.7	234.68304	53.143318	19.402198757009348	0.5626889219226818
022804.36+010658.9	37.018185	1.116365	18.322988395498413	0.0375996149501886
164645.30+514159.4	251.68877	51.69986	0.0	0.0
003408.89+073033.4	8.537079	7.509284	18.449414866840723	0.2316261669457784
235115.57+204944.1	357.81491	20.828926	19.901254349397604	0.2253346335740779
120758.37+391630.6	181.99324	39.275192	19.844005465116272	0.398422192084825
015240.76+284754.6	28.169865	28.798513	18.921906866666657	0.1083775545167123
225315.85+035720.5	343.31608	3.955725	19.92046237368421	0.3667998164460946
004018.64-042559.5	10.077693	-4.433217	19.70132119607844	0.3557137122354011
022655.24+002211.1	36.730192	0.36975	20.14914374647887	0.3611682014311781
114657.40+321659.9	176.73919	32.283323	19.406869269162208	0.3645837396758304
025316.46+010759.8	43.318607	1.133278	18.713537831325294	0.1900828237378131
113709.49+390723.4	174.28958	39.123176	17.875432035294118	0.0404857201143228
105440.98-002048.4	163.67078	-0.346795	17.688238378109475	0.0664086600712184
123338.65+422238.3	188.41103	42.377291	17.929912852678576	0.1230619440879528
141249.21+510006.8	213.20507	51.001897	0.0	0.0
140406.76+431740.5	211.02816	43.294602	19.10731171162792	0.1749206507780075

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SDSS_NAME	RA	DEC	MagAve	Sigma
161238.32+572759.3	243.15969	57.466503	19.70153432727272	0.3156979516468625
104657.59+435601.5	161.74	43.933762	18.218511834482765	0.0838958493916076
081812.00+244410.1	124.55002	24.736157	18.78915993613442	0.1489143652921036
134423.34+381703.3	206.09728	38.284258	19.55854102403847	0.2699288391816866
080333.51+552008.4	120.88968	55.335765	20.296668227272725	0.1921940159726134
081237.63+345629.4	123.15683	34.94151	0.0	0.0
022608.28-002332.5	36.534515	-0.392376	20.01934240909091	0.9664144231590304
125058.11+570921.5	192.74206	57.156007	17.586275179292926	0.0705066849770284
014135.09+010116.3	25.39621	1.021202	21.2177298	1.07421142947368
164514.64+531001.8	251.311	53.167193	19.99120208045976	0.2705834876998088
125633.69+573846.0	194.14043	57.646197	19.909744962499992	0.2618819791978331
163826.43+304853.3	249.61014	30.814813	19.664298101492545	0.2981903035754863
112139.49+601009.0	170.41454	60.169277	20.265867976744182	0.2912166315813883
091454.59+191017.8	138.72746	19.171633	0.0	0.0
081505.42+005520.5	123.77261	0.922365	18.400169911949696	0.3300498184848962
093416.02+441353.4	143.5668	44.231501	17.96424457750757	0.0794376166148483
091126.91+543814.8	137.86215	54.63746	20.431365069767445	0.3049667752952045
223000.09+184347.2	337.50041	18.729789	18.06241677836412	0.1596802431848697
012849.97-031338.3	22.208246	-3.227317	19.959581297872344	0.404242192212735
125528.82+271329.9	193.87011	27.224985	19.44544394426231	0.2384231833968435
210001.24-071136.3	315.00519	-7.193428	15.401441689320398	0.0978795870912035
011642.53-071312.8	19.177228	-7.220237	19.19285444765343	0.2326204342560726
134808.77+422250.5	207.03658	42.380714	19.86749090517242	0.3627079476138987
104639.75+443924.1	161.66565	44.656721	19.204537790076344	0.3694973330109646
012432.49+200242.6	21.135404	20.045172	20.00128661538461	0.2597444864905239
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SDSS_NAME	RA	DEC	MagAve	Sigma
121930.99+535836.4	184.87913	53.976868	20.73406273333333	0.286225442186663
123851.36+475731.0	189.71402	47.95863	20.028384522388063	0.4283369184697105
153814.65+221730.3	234.56108	22.291774	19.93991578174603	0.2804434845923403
090324.75+424912.5	135.85314	42.820161	0.0	0.0
220846.33+240844.7	332.19305	24.145753	20.182694063829786	0.3759662411722653
215647.11+191529.8	329.19632	19.258299	19.374333017094003	0.1970928051862499
223847.39-002106.9	339.69747	-0.351926	20.168881900000001	0.3989442706767268
002307.69-040730.3	5.782065	-4.125111	18.72437161632654	0.1432661044875978
144328.51+103826.8	220.86879	10.640809	19.442640251612904	0.2449173988927909
015413.51+042059.0	28.556319	4.349741	18.51606313981764	0.4368552013888332
163248.20+495150.4	248.20086	49.864026	19.562860193877544	0.1447212737888577
101247.08+134503.8	153.19621	13.751084	20.06675951030928	0.3224396530245086
100336.25+220800.8	150.90105	22.133568	20.36544779674796	0.5609636187420227
232809.33+243456.3	352.03889	24.58232	18.865335835403727	0.1460581244909966
012658.38-033205.8	21.743261	-3.534945	19.578637214574886	0.3095487141683335
231100.18+011211.9	347.75076	1.203304	15.919088765237024	0.0
084116.50+562715.0	130.31873	56.454276	19.81521394520548	0.237326335749959
090825.07+014227.7	137.10446	1.707702	18.231371981182797	0.1496521384620723
080703.19+424620.1	121.76332	42.772281	18.86734635789474	0.1571351450077174
143745.49+495050.3	219.43958	49.847337	18.9343602337278	0.2419228763118071
082418.87+341656.9	126.07864	34.282487	20.5770695625	0.340467781649041
015646.33+115644.3	29.193047	11.945665	17.99578575254239	0.0774964064588458
000300.02+022852.0	0.750113	2.481118	18.57472939130435	0.2391709304977238
020901.44+012356.9	32.256007	1.399155	19.067283144444445	0.3530965958921078
020718.38+210429.9	31.826586	21.074985	19.51605732738097	0.2146279326837301

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SDSS_NAME	RA	DEC	MagAve	Sigma
133928.78+450634.6	204.86995	45.109634	20.42871409090909	0.3094853976539224
084302.03+485710.8	130.7585	48.953022	18.52110880859376	0.2253446848671801
011046.83-043803.3	17.695134	-4.634255	18.298038108771923	0.1168015746577817
221250.45+201846.7	333.21025	20.312984	18.679546625999983	0.4024886975539318
133225.24+342419.1	203.1052	34.405311	19.4100716059322	0.300699910911699
013614.30+262709.2	24.059623	26.452571	19.485615944785263	0.2737599036624431
092101.37+523524.7	140.25573	52.590317	19.145425974468083	0.178924769376151
103334.68+495047.7	158.3945	49.846703	20.41589154347826	0.4096905879080479
123633.74+655837.5	189.14058	65.977173	19.763144679245283	0.4037212464777759
121214.69+043407.6	183.06124	4.568797	19.467702976063816	0.3327347748051136
113020.40+422204.2	172.58501	42.367845	18.14003762857144	0.2547434900611102
094706.42+083421.3	146.77678	8.572605	17.439819637499994	0.1882748342327323
002422.07+221932.6	6.091984	22.325736	20.109960983870963	0.2851184837133967
092450.30+231749.8	141.20959	23.297183	18.3591081541502	0.1906370836060036
084129.37+555946.8	130.37232	55.99645	0.0	0.0
003844.41+275347.5	9.685071	27.896551	18.551867033434643	0.1386841052765137
110156.43+442424.8	165.48515	44.406912	20.344466333333337	0.4539444798265186
133953.90+461731.0	204.97459	46.291952	19.91297456896552	0.5239609530097227
141757.98+463042.5	214.49161	46.511816	19.907402203125	0.3237631008098196
082253.89+420720.1	125.72455	42.122254	19.2707980406504	0.1777015623464245
015225.11+222815.6	28.104661	22.471011	0.0	0.0
083118.03+395053.7	127.82513	39.848271	18.9967048658892	0.2751845477260586
121103.92+123406.1	182.76634	12.568381	16.897183586288413	0.0
132008.67+413820.7	200.03613	41.639096	19.779955200495067	0.3871851684634342
090449.96+495136.4	136.20814	49.860216	20.490160380952386	0.1575957993540997
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SDSS_NAME	RA	DEC	MagAve	Sigma
082202.44+264642.2	125.51019	26.778393	19.40237107751939	0.1946552371778107
144033.18+374409.4	220.13828	37.735947	17.42940904803493	0.0814402515418091
005537.20+053449.8	13.905006	5.580525	19.476026402390406	0.2890048550376422
153134.71+043842.3	232.89466	4.645106	19.87441874609375	0.2798187876026664
160855.86+111725.0	242.23278	11.290299	19.77940310447761	0.420360062892202
014113.52-012304.2	25.306344	-1.384515	19.13577371104816	0.3055170132471959
000612.11+075843.7	1.550469	7.978802	19.41031030029155	0.2613054695371564
100806.71+452858.6	152.02797	45.482945	19.472675472644383	0.3893826450216613
153416.37+232629.9	233.56822	23.441644	19.40751070623145	0.2203733473687195
094007.61+513034.1	145.03171	51.509479	18.93761280952381	0.2789971852262515
011717.47+023943.7	19.322809	2.662142	18.85816216358024	0.1960932115641959
003941.14+002220.2	9.921443	0.372304	20.34807024074074	0.289501723867084
121858.07+360151.5	184.742	36.030989	20.757802509090904	0.2116179157599151
133431.74-031546.1	203.63228	-3.262828	19.413842964467012	0.3908019958707544
102720.21+301719.2	156.83421	30.288679	19.91530542727274	0.283938668458384
120000.15+650740.3	180.00063	65.127885	0.0	0.0
091854.50+485345.4	139.7271	48.896026	19.831659530232557	0.2102820894288811
163438.75+560353.2	248.6615	56.064841	19.9988660877193	0.4134370076174103
012249.30+250410.5	20.705421	25.069604	20.235805888	0.2588970479645873
235341.04+251407.3	358.42103	25.235381	19.16932722310757	0.3186165784370648
130424.01+344903.2	196.10006	34.817569	19.2403885652174	0.2039079183665743
075723.46+254318.2	119.34778	25.721732	19.75141695116774	0.3710952064933865
110341.32+245355.5	165.92218	24.898773	19.2432390518868	0.232652908706569
133739.83+393254.7	204.41599	39.548542	20.256050577464787	0.3920350001011847
121334.23+521452.0	183.39261	52.247903	20.28062098876405	0.2962528279145166
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SDSS_NAME	RA	DEC	MagAve	Sigma
214642.51+262046.7	326.67713	26.346317	19.947470848484844	0.4093253979445537
230710.86+105327.4	346.79528	10.890974	18.32967157181572	0.1617643813642584
134701.56+640504.6	206.75649	64.084695	19.53067680821918	0.2624233797011071
145448.13+602924.1	223.70059	60.490121	0.0	0.0
104231.12+221300.4	160.62967	22.216807	17.78910823899372	0.181937182403763
225551.03+184922.3	343.96265	18.822868	18.55348277650428	0.1731676501593943
002537.74+181006.3	6.407272	18.168435	19.80445264897959	0.4263400728737377
160937.93+551039.7	242.40815	55.177757	18.58995443243242	0.0
025244.18-014953.0	43.184118	-1.831401	20.49582463793104	0.2469973651912134
085606.39+391339.0	134.02663	39.227524	19.720834744444444	0.2822849655794026
125932.26+413913.1	194.88444	41.653647	20.68658725757576	0.2361197854696184
082038.17+383417.1	125.15905	38.571422	19.656010316384183	0.3444444932787611
013022.89+120724.0	22.595397	12.123352	18.95742417866004	0.3401482152406666
121903.69+053317.8	184.76539	5.554957	19.30578924626865	0.258713991050109
014743.80+242435.0	26.932516	24.409748	0.0	0.0
103853.09+203447.7	159.72124	20.579944	19.467384165137616	0.2299534578702003
092906.43+553631.9	142.27683	55.608862	19.667528227758	0.2721650242849678
040907.29-043235.2	62.2804	-4.543133	19.669674196491226	0.4096530355724782
114240.93+601550.4	175.6706	60.264052	17.82652171794871	0.1296237242531345
213247.67+042751.9	323.19864	4.46444	19.585905804878053	0.3235565569479944
000947.23+095111.5	2.446821	9.853198	19.44209561702127	0.3479399808203541
141058.00+484455.6	212.74171	48.748824	18.845534306451626	0.3984467182229376
100102.13+505826.7	150.25891	50.97419	19.605821608040205	0.4496375191165107
120749.38+323007.6	181.95576	32.502128	19.91050921551724	0.2674781726443958
101240.96+483259.3	153.17068	48.549825	19.254366856287422	0.3432530216124238
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Table 4.3 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
140553.95+632047.2	211.47475	63.346502	19.497265261538463	0.2619338815479535
154251.47+324824.5	235.71448	32.806819	17.603493194202905	0.1037908118669456
151214.59+154849.8	228.06083	15.813854	19.839292072243357	0.2755715760452774
074649.95+330116.5	116.70816	33.021272	19.522571231143573	0.2293065259674334
222749.69+190718.1	336.95708	19.12172	18.397358562500003	0.6675220904253105
001028.93+204348.5	2.620547	20.730156	18.61439457677902	0.4057968232494589
161218.79+203722.5	243.07832	20.622927	19.35184598466257	0.2668552644414487
150309.40+513146.7	225.78919	51.529688	18.943165640522885	0.1579057534053936
135655.61+162143.4	209.23174	16.362067	19.59780544604318	0.3277686155372611
011656.63+183701.4	19.235976	18.617075	20.2166315	0.8075004212990717
001902.52+040038.8	4.76052	4.010792	17.899221356981993	0.0964042651190593
074026.41+365534.4	115.11006	36.926226	0.0	0.0
081602.73+513535.4	124.01133	51.593227	18.295872269230763	0.2683693383153069
111706.87+605719.2	169.27865	60.955438	19.994908459770112	0.3848936971308864
133201.50+392931.2	203.00627	39.492014	19.325474374999988	0.4355949355750446
020337.80+044938.0	30.907522	4.827245	18.414849935251794	0.1007939770423621
141118.57+415133.3	212.82741	41.85927	19.391882955947136	0.2465890574183005
005027.00-034216.7	12.612527	-3.704641	19.227647291666656	0.3273449612306739
002745.66+020844.4	6.94027	2.145671	0.0	0.0
004445.14+174250.6	11.188121	17.714071	0.0	0.0
152727.21+020903.9	231.86337	2.15111	17.233082185792348	0.0
221238.52+254913.7	333.16051	25.820486	19.47884223489933	0.2033310215946281
003047.47+064743.0	7.697811	6.795289	19.008588511221948	0.2524917230925007
224454.74+210807.0	341.2281	21.13529	0.0	0.0
093244.38+500938.3	143.18485	50.160733	17.973446380000002	1.027349359790397

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Table 4.3 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
022340.78-042255.6	35.919922	-4.382121	0.0	0.0
105959.15+322447.1	164.99647	32.413103	20.10570496875	0.3355902723933949
141319.83+513718.1	213.33263	51.621704	18.63411578306878	0.2889712704055152
014728.86+263132.8	26.870261	26.525796	20.304760252032526	0.3398139443111312
161833.35+465037.1	244.63898	46.84366	17.56238014903846	0.0922573776617161
104305.37+491550.1	160.77241	49.263923	18.901486644444443	0.162223481801697
152457.07+161205.9	231.2378	16.201644	19.216219226666668	0.2612316460781029
212110.27-032639.8	320.29283	-3.444393	18.591629853828312	0.1628143571729755
115450.66+254352.9	178.71111	25.731371	19.2042875854342	0.1972710370808798
023035.85+032800.6	37.6494	3.466851	18.3405642744361	0.1541034050778938
231127.15+201414.4	347.86316	20.237342	19.639033968888874	0.4702029298833895
150631.24+550354.0	226.63022	55.065072	20.170374236363635	0.2513832334253109
151827.90+421206.2	229.61628	42.201739	20.491250777777778	0.4880587047026204
172809.56+371659.8	262.03985	37.283304	19.11345732919256	0.3565171879886099
125243.04+405529.6	193.17933	40.924905	19.658747449781654	0.2673385391887029
001017.62-042335.0	2.573458	-4.393072	18.313949873417727	0.1769638642609369
003755.41+312040.5	9.480903	31.344587	18.349735458677674	0.2478514601986746
005518.17+072452.6	13.82573	7.414624	19.738144668316835	0.2974138473409074
011526.40+235333.1	18.860022	23.892537	18.9684642347826	0.2000088923914914
102230.28+454016.4	155.62617	45.671228	19.15499712601626	0.2285662619368308
132122.55+415639.0	200.34399	41.944193	18.697695490347503	0.4391839686834212
101947.22+055518.2	154.94676	5.921728	18.50147863615562	0.3528418463522816
115732.88+540041.2	179.38693	54.011508	18.61886853913043	0.293588898874294
001548.95-045622.3	3.953966	-4.939544	19.05081332967032	0.1770455585047403
133343.35+161414.1	203.43063	16.237241	17.715683126436765	0.0549070095631634
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SDSS_NAME	RA	DEC	MagAve	Sigma
235656.63+262748.2	359.236	26.463414	19.93959372611466	0.3302256553815721
130924.32+531327.4	197.35134	53.224294	19.92680710958903	0.3610544443693414
081242.11+285504.9	123.17546	28.918052	18.5023479076479	0.4993035179128082
020048.36-021751.2	30.201517	-2.297561	18.52728470344826	0.0
141634.36+515849.2	214.14319	51.980358	18.93770951162791	0.2395031816216918
001136.42+190724.4	2.901768	19.123457	18.182095263940525	0.1409342618174888
163232.75+352127.7	248.13648	35.357717	19.225817574712654	0.342111026513251
103605.30+061337.7	159.02209	6.227165	19.076757054229915	0.2307320103220325
022459.10-030015.8	36.246257	-3.004396	19.42775015730337	0.312088424120435
012343.04+261522.4	20.929355	26.256224	18.566479003205124	0.1804635846095172
000146.18-015933.5	0.442417	-1.992644	18.36271193181818	0.0915473715101454
234953.36-015309.5	357.47234	-1.885988	19.733543931645578	0.4568178850786349
165539.83+291114.8	253.91596	29.187449	18.82026468209876	0.3269571514158565
113958.11+584248.5	174.99209	58.713532	19.651318010752696	0.3197730820154256
000627.18+203719.5	1.613282	20.622091	20.026402435294123	0.3647915851302642
154053.10+460854.6	235.22127	46.148509	19.90484565730337	0.268311221259363
003859.67-034000.7	9.748644	-3.666881	19.414166873873864	0.4075942208138519
101914.09+243343.5	154.80874	24.562094	19.14611303333332	0.223056887108136
140003.07+391055.2	210.01285	39.181999	18.788858822580643	0.2762318270953828
234747.05+011859.8	356.94605	1.316615	19.97758908015265	0.3168102301913565
021138.71+261041.1	32.911314	26.178098	19.1311940152439	0.2576867598406824
235321.81-011528.1	358.34089	-1.257806	16.43812913333332	0.1030714484596047
213421.38-030501.5	323.58912	-3.083757	19.475801914498128	0.3852297755843952
090624.91+530851.1	136.6038	53.147613	0.0	0.0
080914.89+463938.8	122.31205	46.66078	17.188144075301203	0.1790604292712932
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SDSS_NAME	RA	DEC	MagAve	Sigma
222727.60+182338.1	336.86503	18.393934	18.559398013333325	0.1458657771165934
010800.05+064918.7	17.000231	6.821887	19.70189998752228	0.4652129601697197
000725.50+220634.2	1.856274	22.109526	20.38895532352941	0.3526919991336792
081412.00+454429.3	123.55002	45.741485	0.0	0.0
021755.78+063300.0	34.482429	6.550012	18.346725112759646	0.0328876653164337
215010.20+225032.9	327.54251	22.842489	18.749712073446325	0.1373697375861853
103327.71+323646.1	158.36549	32.612825	19.638574905555555	0.2929421177762525
025405.09-043716.2	43.521249	-4.621175	18.24243393898305	0.0945605294205006
103859.09+374721.6	159.74622	37.78934	0.0	0.0
221551.45+203237.9	333.96441	20.543862	0.0	0.0
023152.45-034447.4	37.968546	-3.746509	17.779786301369864	0.0965522014008022
125050.32+312553.7	192.70967	31.431585	17.61985035806453	0.1002802380221291
014222.93-002719.7	25.595581	-0.455497	0.0	0.0
144800.50+582019.0	222.002	58.338719	0.0	0.0
090053.24+400522.4	135.22186	40.089573	19.30854573550725	0.2412897810048546
085658.31+465815.5	134.243	46.970983	19.919088054945053	0.2379062632898876
235359.03+254515.3	358.49599	25.75427	20.38491431506849	0.4178890193720152
142315.29+411325.6	215.81372	41.223829	19.94119848051947	0.3888848426981285
002137.60+274242.0	5.406695	27.71167	18.435645881188123	0.1892131450959946
134719.40+590232.7	206.83086	59.042449	15.60097092920354	0.0961580001562069
234502.61+325624.7	356.26088	32.940201	19.46395293392072	0.468849219764532
114045.83+221732.7	175.19099	22.292419	20.153259381818184	0.2970958756001143
083136.93+485827.5	127.90391	48.974318	20.15315081300813	0.2707186828457634
000050.02+092321.9	0.20843	9.389433	18.26393663109755	0.2367243730081951
100511.14+474807.1	151.29645	47.801984	19.8002880326087	0.237741070029889
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SDSS_NAME	RA	DEC	MagAve	Sigma
082203.39+404442.3	125.51416	40.7451	20.38312603333333	0.4174597636771801
101830.20+521000.6	154.62582	52.166951	19.27224317894737	0.2326405214165837
113626.47+203935.3	174.11031	20.659816	19.856687304195805	0.4302733474214951
081735.07+223717.7	124.39615	22.621597	17.367546245749626	0.0970819369260869
014022.68+075357.0	25.094538	7.899176	18.7623491554054	0.1922578995031262
091458.99+451826.3	138.74582	45.307314	19.9417186390244	0.3378420420376237
000404.07+201556.6	1.016982	20.265726	19.93936503529412	0.5576441882166088
110504.80+204947.9	166.27003	20.829988	19.801340385756674	0.2629002223760797
145836.35+502132.6	224.65148	50.359071	19.531462293333337	0.3816136706124224
083417.06+440203.5	128.57111	44.034327	20.340931945454543	0.4441695851049849
022242.15-080600.3	35.675653	-8.100086	19.93507410447761	0.4318997694362497
075421.46+150856.9	118.58943	15.149164	20.18395829411765	0.390959742896876
130529.39+583522.8	196.37246	58.589757	19.96404651515152	0.2908033295394301
010307.65+250352.0	15.781912	25.064467	18.524242968481364	0.1470775607895026
094447.01+482646.7	146.19588	48.446449	19.392635394495414	0.2144024460927256
145344.76+505329.8	223.43652	50.891638	0.0	0.0
013326.95+254024.6	23.362312	25.673512	18.43379704093567	0.1171041975174421
140951.70+384029.3	212.46542	38.674822	19.28923130044842	0.266586108738701
233116.87+203032.5	352.82031	20.509037	18.695692293577977	0.2005383147598307
221756.92+010119.4	334.48719	1.022083	17.952950438320205	0.0339403320926611
101702.11+353405.4	154.2588	35.568193	17.754863653409092	0.0489453611182505
004846.72+183824.1	12.194669	18.640048	17.256299351791522	0.6112105880951397
011907.69+204412.2	19.782059	20.736723	19.14047848595505	0.2374406192227399
142434.80+473203.9	216.14503	47.534435	0.0	0.0
130052.48+473108.5	195.21868	47.519049	19.94537437301587	0.3166975354891791
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SDSS_NAME	RA	DEC	MagAve	Sigma
093852.71+551352.7	144.71965	55.231323	20.88086238461539	0.0
111713.57+243840.0	169.30656	24.644454	19.13489524876848	0.1801161309602799
003851.08-031411.6	9.712848	-3.236561	19.721558547169817	0.2540450899307797
142435.56+592848.0	216.14815	59.480051	19.3928013373494	0.1359699420755188
014629.61-041335.6	26.623391	-4.226583	19.557302310810805	0.3534644350711748
141559.24+510410.0	213.99686	51.069504	19.869973575757584	0.1764748637972697
090634.09+574439.1	136.64207	57.744212	20.231942225806453	0.2535804834254838
093924.91+484449.0	144.85376	48.747079	0.0	0.0
073808.38+442742.9	114.53492	44.46193	18.66829911793612	0.1585753242050488
225619.91+210949.3	344.08297	21.1637	20.15083943790848	0.257660885359457
014224.46+032625.1	25.60192	3.440323	20.104903895833345	0.287342656836214
134747.19+403114.3	206.94666	40.520663	18.72044773191489	0.1987589963224619
213534.73-031216.8	323.89472	-3.204679	0.0	0.0
211521.18-005733.3	318.83825	-0.95927	20.094041787564763	0.3004818665535346
142320.19+205044.6	215.83413	20.845722	20.25571629032258	0.3275810026277164
003346.91+231419.9	8.445478	23.238874	17.727645769014085	0.0347732178194155
225534.84+140504.0	343.89517	14.084475	20.171604915887848	0.2654196322348588
011604.22+053009.5	19.017604	5.502663	18.35041199554565	0.2177368042765033
091022.57+483231.0	137.59405	48.542052	19.109099573333346	0.2802385164049782
224453.54+271000.9	341.22309	27.166938	20.136505833333334	0.3069678565416677
230800.26+111715.6	347.00111	11.287679	19.36428608547009	0.2800316800476346
115201.86+511540.6	178.00772	51.261369	19.70165247572816	0.2516106830423617
210722.65+064647.2	316.84438	6.77979	18.21184555118109	0.197291210796671
220803.15+065604.1	332.01314	6.934479	18.407347167173256	0.3542002283705041
002249.47+163502.6	5.706158	16.584084	19.01334040909091	0.3097854146877141

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SDSS_NAME	RA	DEC	MagAve	Sigma
233651.33+230409.1	354.2139	23.069203	0.0	0.0
095633.93+562216.0	149.14143	56.371137	17.17424094117648	0.0
021142.69-041059.1	32.927886	-4.183098	20.01592050602411	0.4092965423911798
132915.38+020140.5	202.31412	2.027922	20.492322878260868	0.3805173909761321
011201.01+214503.4	18.004241	21.750969	19.74991946382979	0.3549187999999149
132416.78+464805.9	201.06994	46.801653	19.78451926551725	0.2203392308710803
105451.62+553736.2	163.71516	55.626816	18.80939570422536	0.209675284846744
233512.17+095238.8	353.80072	9.877459	18.67917782162162	0.1893799606961122
144232.02+454435.6	220.63342	45.74324	19.725106986666677	0.1745489326837621
225221.87+045207.1	343.09113	4.868656	19.56835514696483	0.5635565621645682
102133.07+271513.3	155.3878	27.253695	20.185694869257947	0.3236051009004427
152956.88+420516.8	232.487	42.088018	19.96515564814814	0.3576163548111811
020938.65+032550.9	32.411059	3.430826	17.612963108247424	0.3064010873718452
113245.50+431637.9	173.18961	43.277221	17.3320442132353	0.0510791265236513
161606.79+442150.9	244.0283	44.36416	20.409505152941176	0.1298300019113773
020458.66+032703.2	31.244431	3.450896	18.574898729549247	0.4845857239237562
081733.09+484528.2	124.38788	48.757855	0.0	0.0
102001.02+343433.5	155.00427	34.575983	20.601052783783786	0.155208776239395
084651.22+181813.0	131.71344	18.303628	19.590519054524368	0.319633970393242
120901.88+510759.4	182.25784	51.133169	19.97902481443299	0.4376116688293838
081552.44+154309.7	123.96853	15.719369	17.906379256239603	0.683949041900495
232405.85+164341.3	351.0244	16.728157	0.0	0.0
091024.74+373210.2	137.60309	37.536193	19.863366944983845	0.2896471215118151
093456.90+545621.1	143.73709	54.939219	0.0	0.0
100327.49+263534.0	150.86458	26.5928	19.533360408653856	0.3512342762819941
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SDSS_NAME	RA	DEC	MagAve	Sigma
211616.47+023856.4	319.06863	2.649021	18.596540738425933	0.2127523671316518
083034.47+493535.1	127.64363	49.593197	18.46248857358489	0.1183151564824668
015744.15+291436.4	29.434002	29.243456	20.30729127272728	0.3312958886493855
002333.58-024655.6	5.889952	-2.782121	18.66165675675676	0.0829333690233134
022513.81+040723.7	36.307567	4.123272	19.67280088095237	0.3437992825188385
024131.89-053139.6	40.382888	-5.527677	17.408803324503317	0.0
010153.95+050622.4	15.474798	5.106234	20.261995603846145	0.3511329168432699
112538.56+453829.5	171.41071	45.64154	19.72261794350281	0.2718994308300876
092543.20+444955.5	141.43	44.832088	19.572243999999998	0.2577497196942944
075828.99+420808.1	119.62081	42.135611	0.0	0.0
001241.25+225219.6	3.171898	22.872125	20.082666833333333	0.5329627364594065
114124.05+551550.9	175.35022	55.264254	20.056889203703708	0.3261871808975068
003625.84+011258.4	9.107678	1.21623	19.934789332268352	0.3621503984336441
152255.01+510822.9	230.72927	51.139726	18.9496393397436	0.3229169158998414
153626.35+342219.4	234.10982	34.372076	20.741459466666666	0.0835978033783208
235324.87+312633.4	358.35366	31.442634	0.0	0.0
224914.03+251353.5	342.30848	25.231542	18.327058473895583	0.0979954003169527
002125.18+231025.1	5.354948	23.173671	19.920191558620694	0.2583363650937193
090712.21+091056.4	136.80089	9.182353	19.756614253164557	0.4541983616457378
080121.75+424913.6	120.34064	42.820461	20.12279477514793	0.3586019083049017
134922.40+560248.1	207.34338	56.046821	19.093747291262137	0.2358049254864809
134014.81+375201.1	205.06173	37.866992	0.0	0.0
220237.72+030647.5	330.65718	3.113202	19.97244503703704	0.31273610443801
111322.53+441414.0	168.34389	44.23724	20.505000634920638	0.3114517860992182
105700.61+535646.7	164.25255	53.946397	19.034678333333333	0.2713504861069739
Continued on next page				

Table 4.3 – continued from previous page

SDSS_NAME	RA	DEC	MagAve	Sigma
104109.06-031341.9	160.28775	-3.228319	19.657946619047618	0.4409981504734654
155714.27+370555.4	239.30945	37.098748	20.07628685714286	0.3498203980553353
011042.60+220223.7	17.677509	22.039923	19.39868008146069	0.3605609780559624
025709.53+023913.3	44.289733	2.653699	19.273579167286243	0.4405353221315787
105602.21+642117.7	164.00921	64.355014	19.854482062500004	0.3572696065903903
151053.24+240943.3	227.72185	24.162033	19.79805320704846	0.351742100650132
084938.53+180639.9	132.41057	18.111097	19.546885309985093	0.2775572945404244
002727.80+280522.9	6.865874	28.089706	18.749015538216558	0.1220634163143637
022135.37-040312.1	35.397382	-4.05338	20.23593805833333	0.283560460806706
141528.04+441938.8	213.86685	44.327455	19.87723810975611	0.2690965204587633
170550.47+344511.6	256.46029	34.753233	20.247473480000004	0.3295251807008743
002007.96+240825.1	5.033178	24.140327	18.93629932801419	0.328194169094634
165157.18+222129.1	252.98828	22.358092	19.683627205047312	0.2529259723944114
222746.12+123534.0	336.94221	12.592802	19.316459533527706	0.2463173453153238
115434.14+594839.9	178.64227	59.81109	19.15120590196078	0.2481000599329796
013451.23+054727.4	23.713497	5.790962	18.76177123670213	0.189883928882423