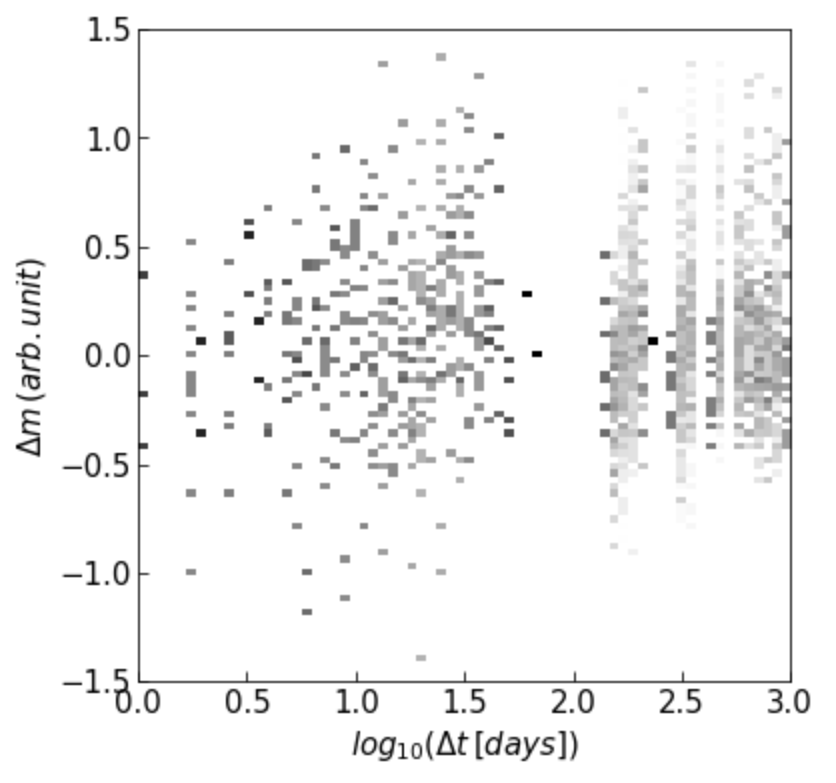
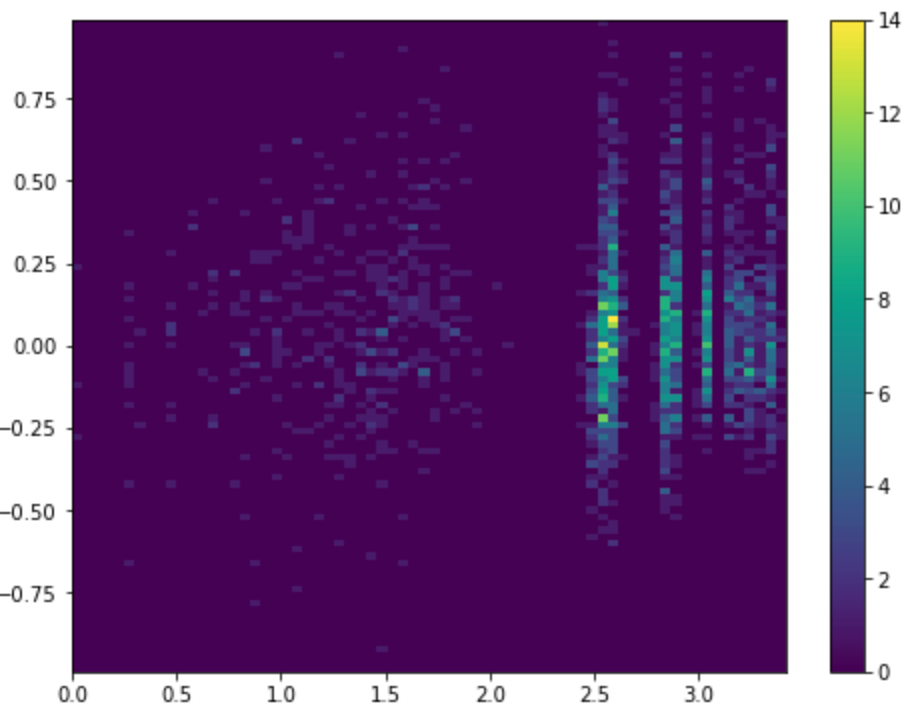
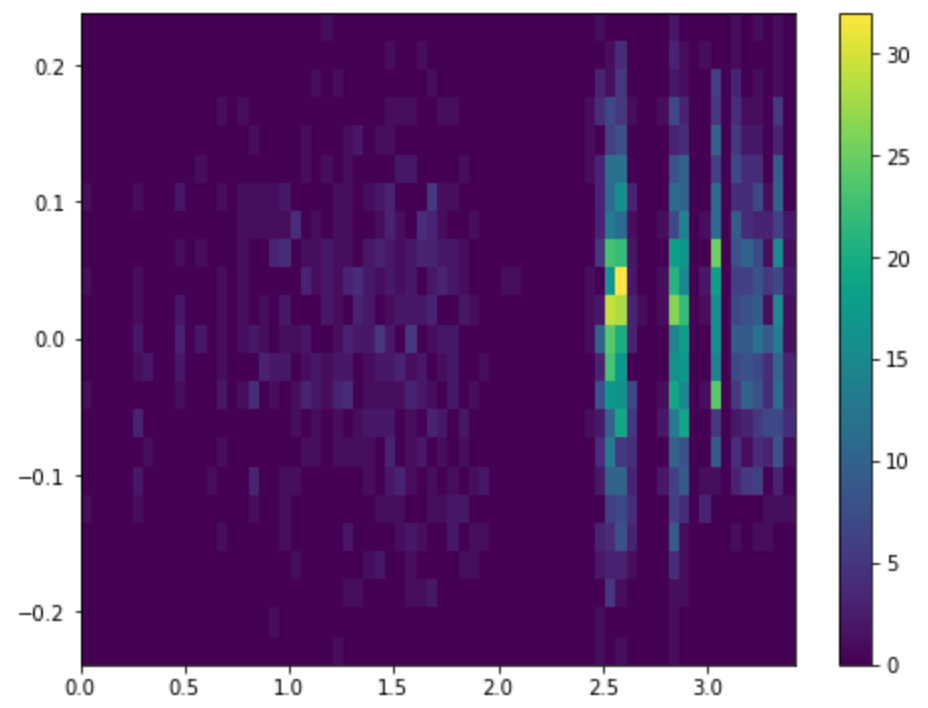
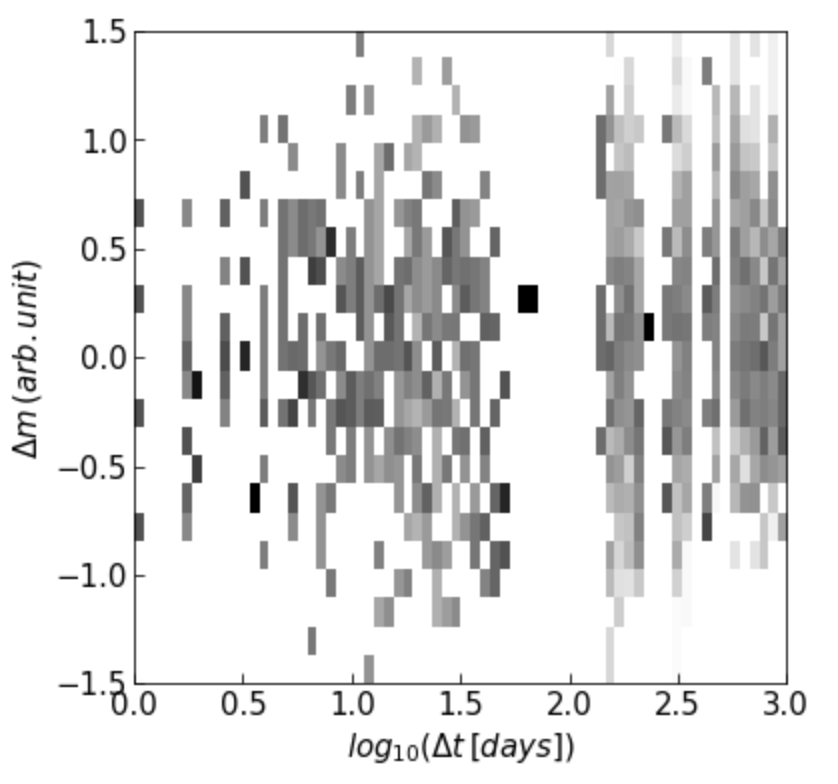
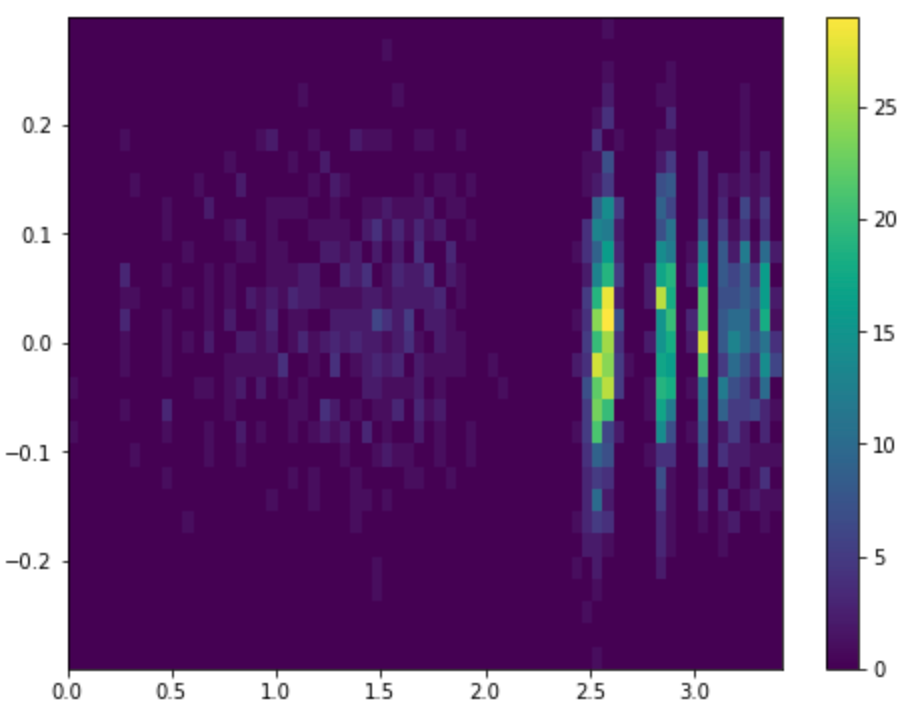
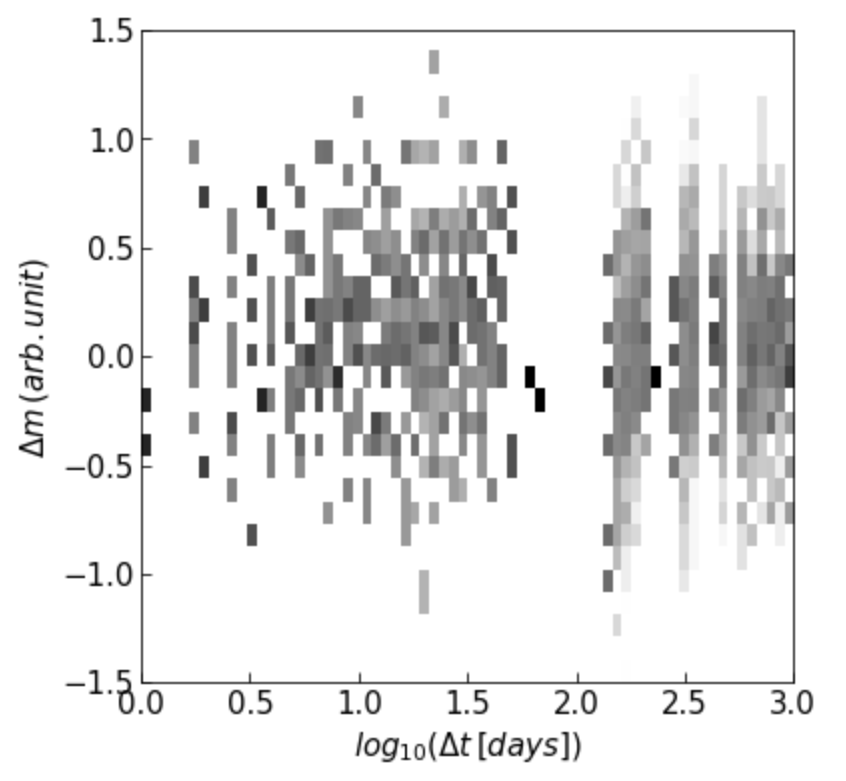
Relevant Factors to Potentially Create differences

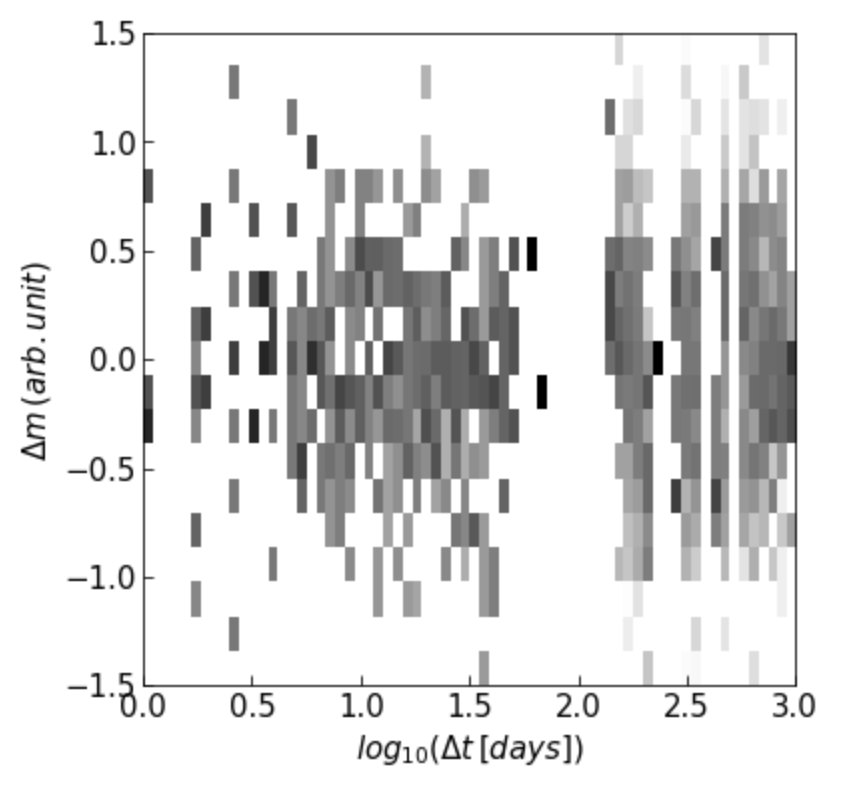
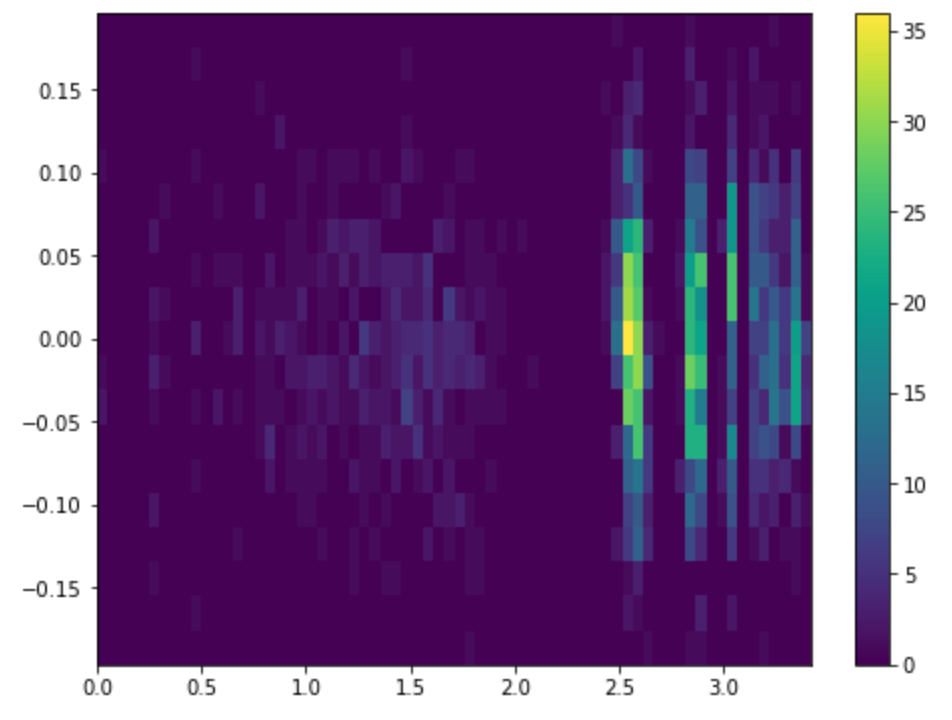
* Class (highZQso, s82Qso, s82vStar, s82Gal, s82Star)
  + highZQso is not necessary
* Band (u, g, r, i, z)
  + g, r, and i are most important
* x\_bin\_size and y\_bin\_size
* plotColorDmDt function

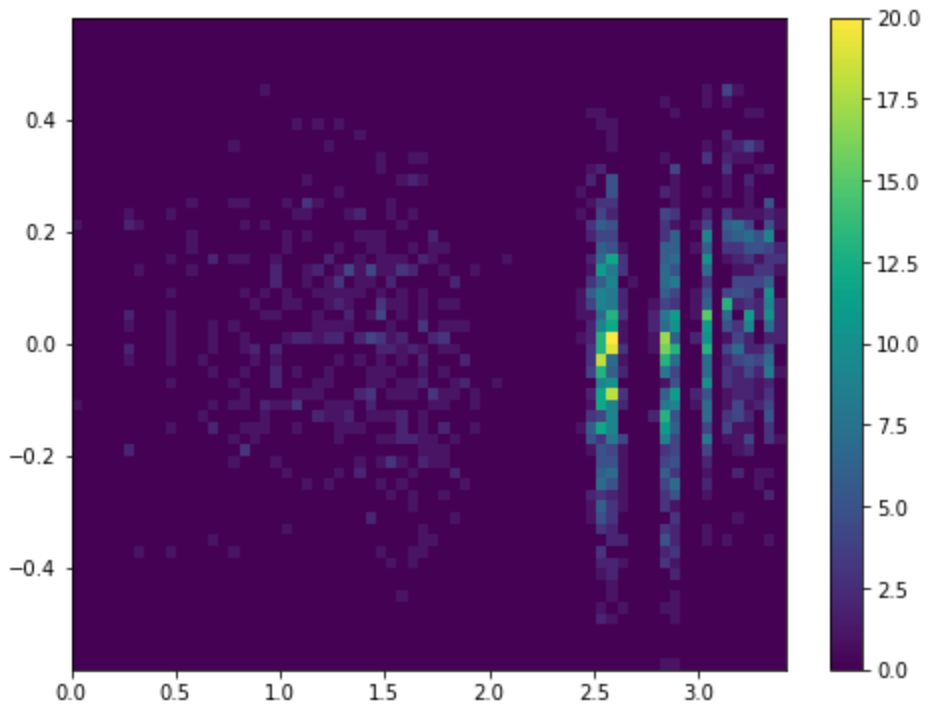
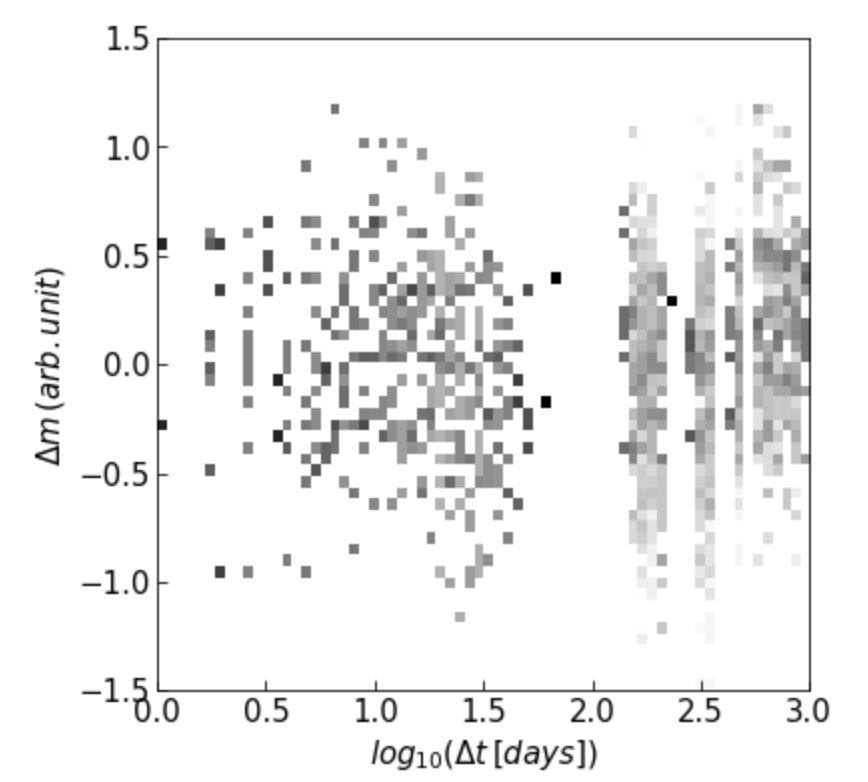
How does the band type change the density map under the conditions of the **s82vStar** class, x\_bin\_size of **0.05** and y\_bin\_size of **0.01**?

\*Band Type: u

Band Type: g

Band Type: r

Band Type: i

\*Band Type: z

Analysis:

Maximum Density:

\*U - 14 (5th)

G - 32 (2nd)

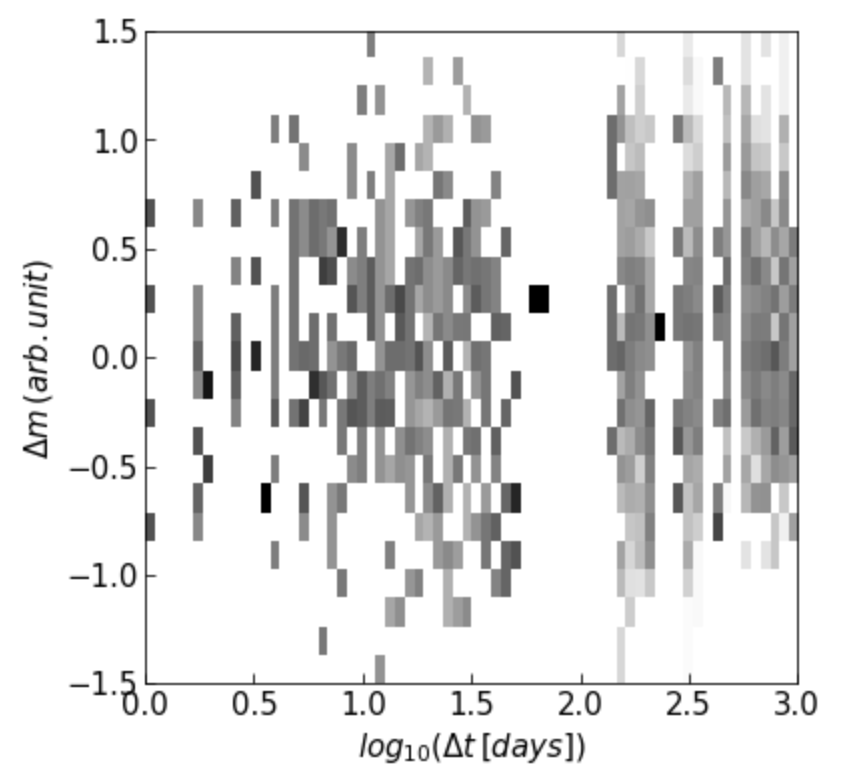
R - 29 (3rd)

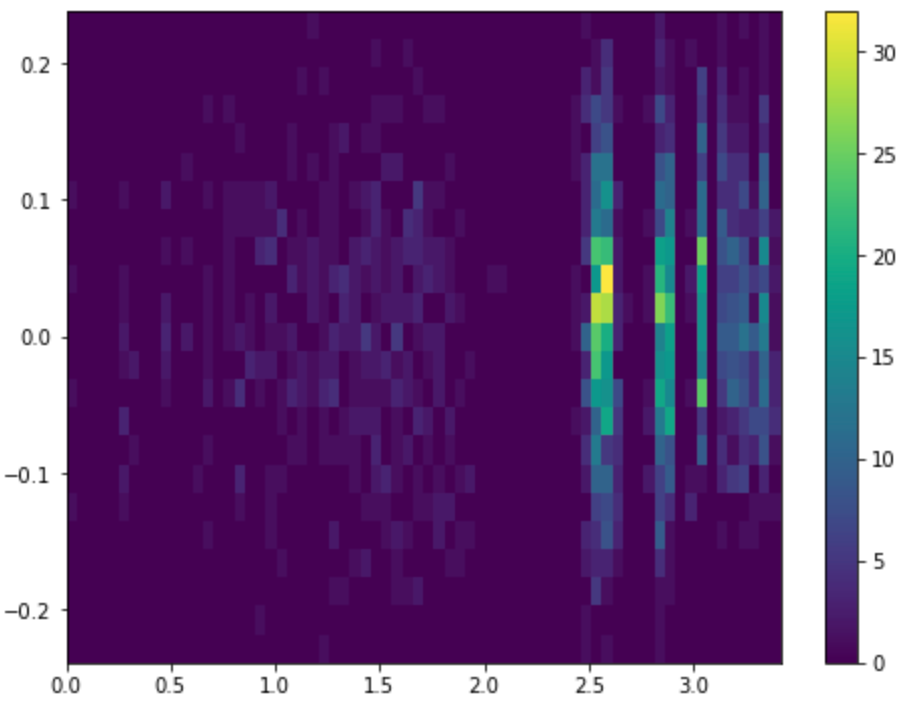
I - 36 (1st)

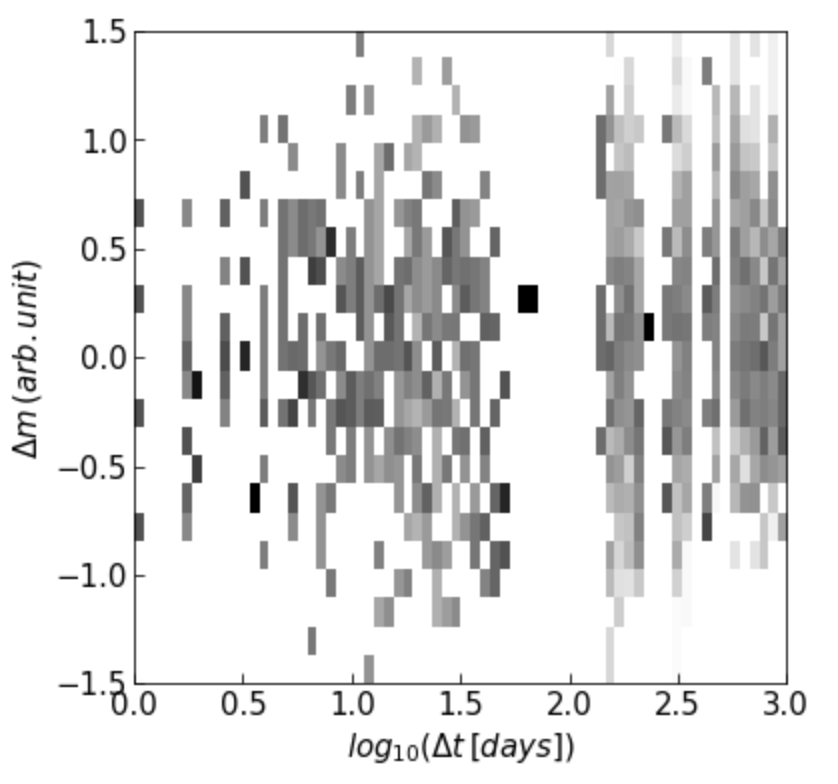
\*Z - 20 (4th)

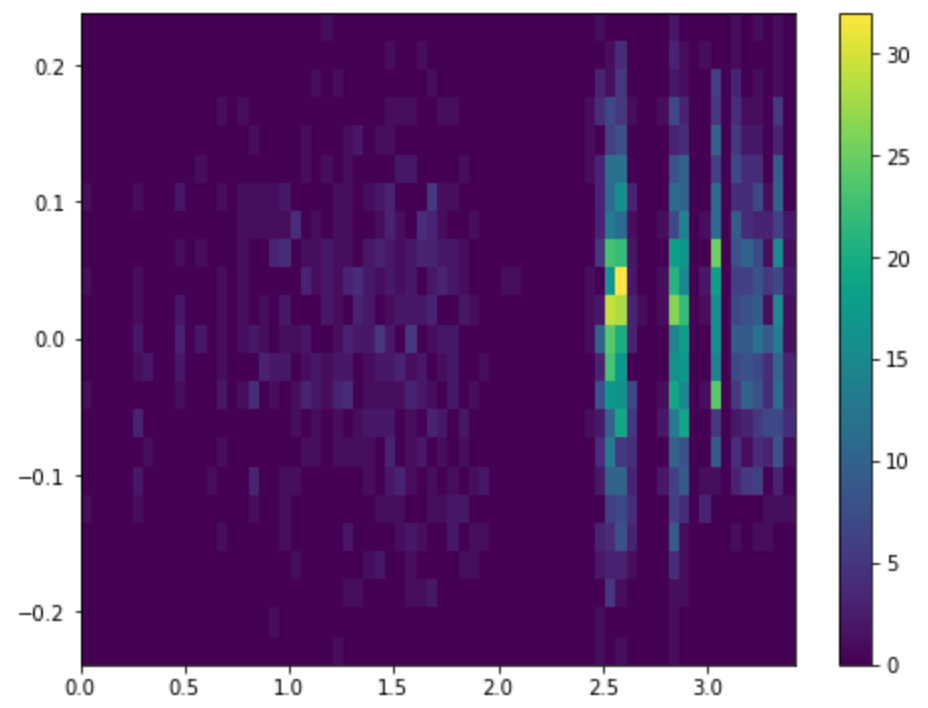
How does the class change the density map under the conditions of band type g, x\_bin\_size of 0.05 and y\_bin\_size of 0.01?

\*Class: highZQso



Class: s82Qso



Class: s82vStar

Class: s82Gal

Class: s82Star

Do different classes change the way band types change?

Do different band types change the way classes change?

How do the x\_bin\_size and y\_bin\_size affect the density map?

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