

Tutorial #1: Discovery of Brown Dwarfs mining the 2MASS and SDSS databases using Aladin

Q1: When loading CDS/II/246/out it says *Error: target could not be resolved*

A1: Have you directly copied from the pdf?

Q1: Yes

A1: Make sure you hand write ' for arcmin --> It worked, thanks

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Q2:I have introduced the properties of the object but no point source is detected

A2: Do you mean the filter conditions?

Q2: Yes

A2: Make sure you selected the correct plane in aladin and, as Fran did, deselect all previous planes so you can easily see the source

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Q3: How can I find the script?

A3: It is attached to the program

https://svo.cab.inta-csic.es/svoMeetings/index.php?mid=57&action=page&pagename=XXII_Escuela_SV0/Program

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Q4:I have a warning: "null": unknown astronomical target

A4: That may be because you ticked another box too, not just the one for the space coverage. If you tick only the space cov. box, you should not get that warning --> Yes. It works now.

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Q5:When I did the coverage, the red part didn't disappear. I see the red and the yellow plots together

A5:Do you mean the red MOC? You can select/deselect the planes on the right hand side of the window.

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Tutorial #2: Determination of the distance to the Pleiades cluster using TOPCAT

Q1: Hi, I'm getting a Query Error: "connection reset". In Step 4

A1: Please, could you close and restart topcat?

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Q2: How can we look for TGAS?

A2: Alternatively, you can try directly in the cone URL with this link:
<https://gaia.ari.uni-heidelberg.de/cone/tgas?>

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Q3:+Forms not appeared on my TOPCAT, is that due to the version? or is there any other option?

A3:You should find the Form tap as in figure of step 28, and once you tap, the +form appear. Plus simbol in green

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Q4: Statistics in the distance column show blank to me

A4: Usually you should update for the change to be included, also be sure that the subset is selected

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Q5: I have different size (of subsets) to Ricardo, is it a problem?

A5: It is normal that each of us has a different subset since we took it by eye with the mouse. Do not worry.

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Q6: Wouldn't $\cos(\text{dec})$ be required in the X axis to convert to parsecs?

A6: No, pmra is already multiplied by $\cos(\text{dec})$

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Thank you so much!

Thank you!! Goodbye :)

Thanks a lot!

Goodbye!!

See you next Friday! Thanks!!