The **Köln 2024 AG Puzzler**

Hint 1

Try TOPCAT's TAP client to solve this puzzler; you may want to took for 2MASS XSC there.

Puzzler hints with brief demos at every coffee break Tuesday and Wednesday.

The **GAVO** Köln 2024 AG Puzzler

Hint 2

TOPCAT's *Examples* button is always a good idea, in particular if you are not too proficient in ADQL. What you would need here is known as a *Cone Selection*.

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Hint 3

To find the column with the J half-light radius, it pays to sort the columns in the *Columns* tab in TOPCAT by name or, for experts using VizieR's version of the XSC, by UCD.

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Hint 4

ADQL has aggregate functions, which let you avoid downloading a lot of data when all you need are summary properties. This may not matter with what little data you would transfer here, but still: use server-side SUM.

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