Re-exploring Molecular Complexity with ALMA (ReMoCA): interstellar detection of urea (Corrigendum)

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We noted during the refereeing process for the article from [Belloche et al. \(2019\)](#) that there was an issue with the partition function of urea in our local spectroscopic database. The values of the rotational partition function at 225 and 300 K were accidentally swapped. This bug was fixed and the content of the article, in particular the column density derived for urea, was revised accordingly prior to publication. However, we had not realized that Table 3 and Fig. B.1 were also affected by this bug. As a result, the Einstein coefficient for spontaneous emission, A_{ul} , listed in Table 3, should have been multiplied by 1.54 and all points in Fig. B.1 should have been divided by 1.54. The factor 1.54 corresponds to the ratio of the rotational partition function values at 300 and 225 K. These corrections have no impact on the results and conclusions of the article.

In addition, we would like to report that the unit of the y -axis of the population diagrams shown in Figs. B.1–B.8 should be m^{-2} instead of cm^{-2} . This is also the case for all population diagrams that one of us (A.B.) has published so far on the basis of the EMOCA, ReMoCA, or CALYPSO surveys, with the exception of those in [Bonfand et al. \(2017\)](#) which are labeled correctly. The mislabeling of this unit has no impact on the results derived from these diagrams in the articles in which they were published.

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References

- Belloche, A., Garrod, R. T., Müller, H. S. P., et al. 2019, *A&A*, 628, A10
Bonfand, M., Belloche, A., Menten, K. M., et al. 2017, *A&A*, 604, A60