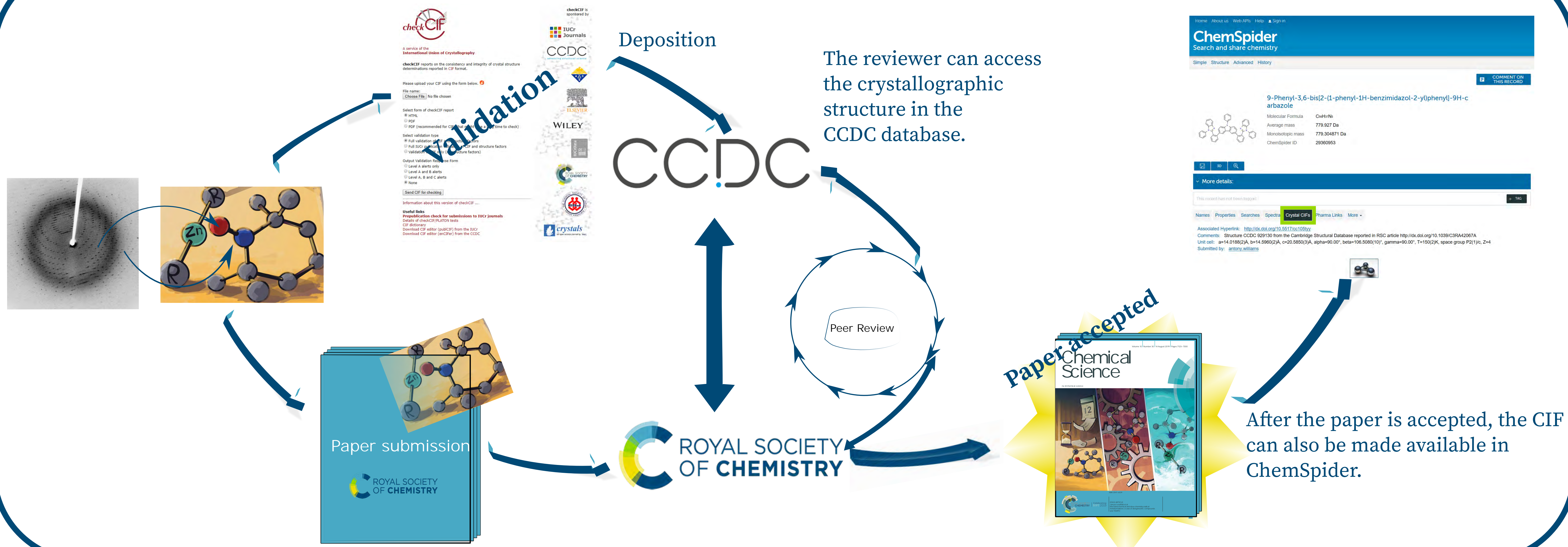
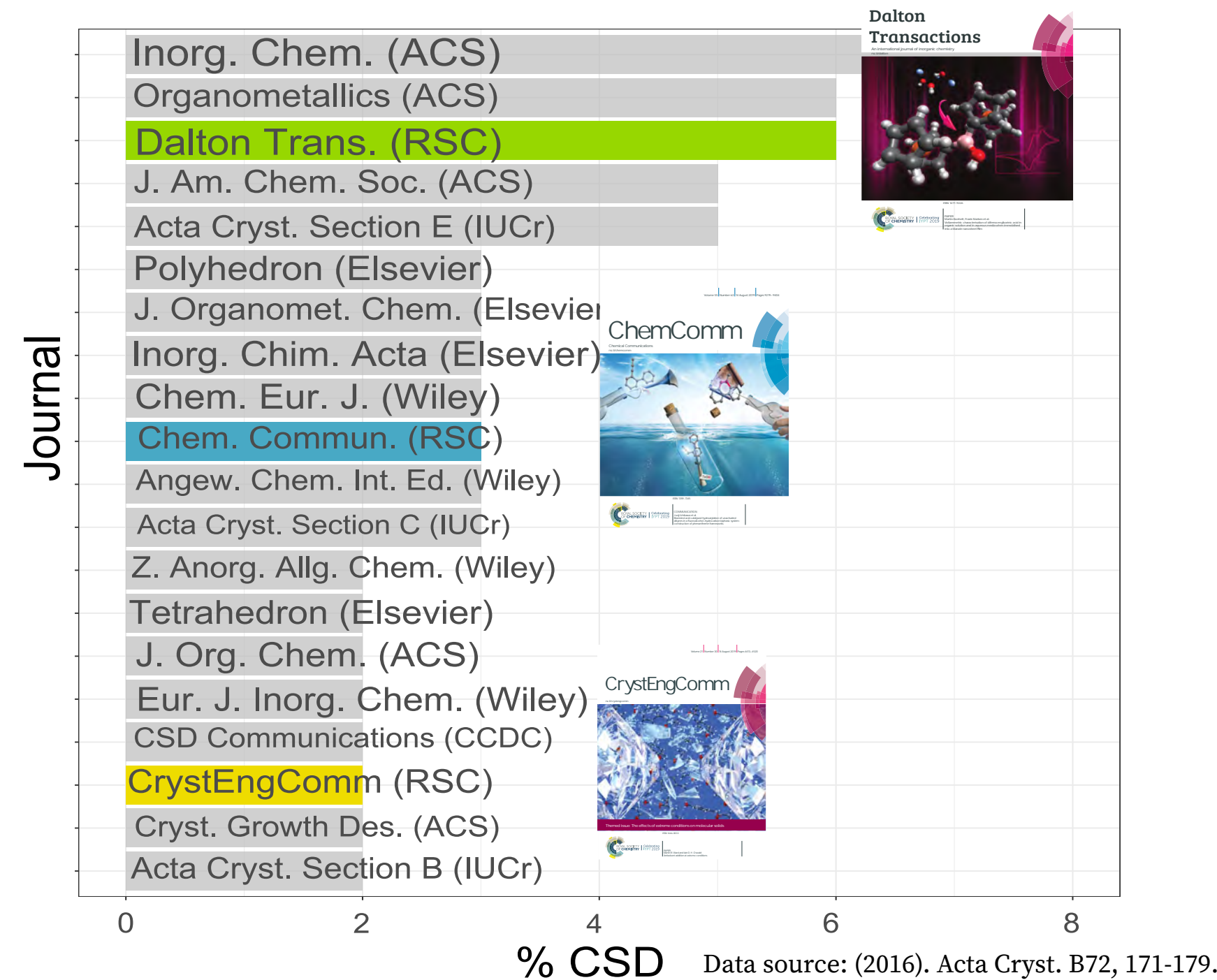


How the RSC deals with crystallographic data during peer review

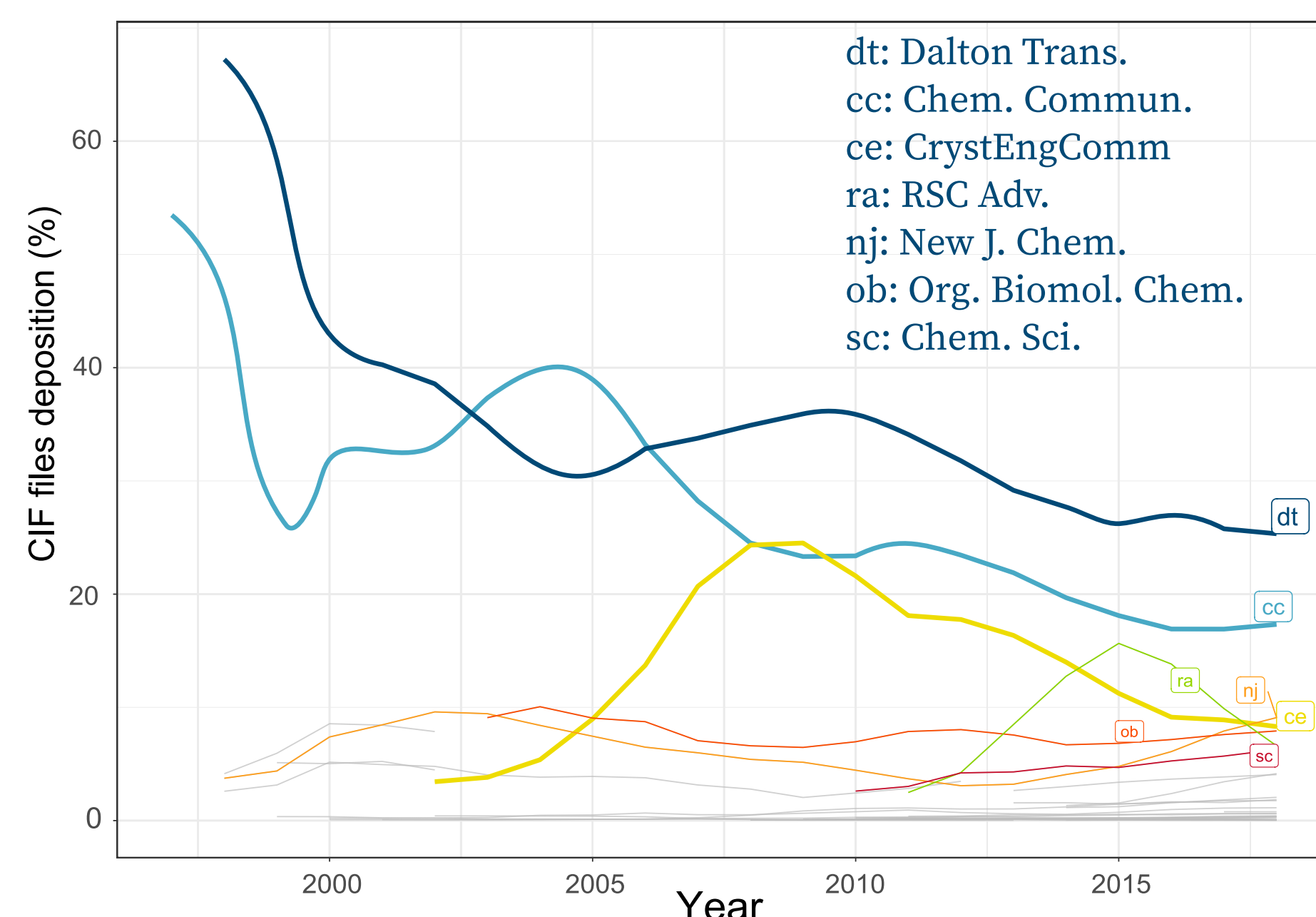


RSC journals and crystallography

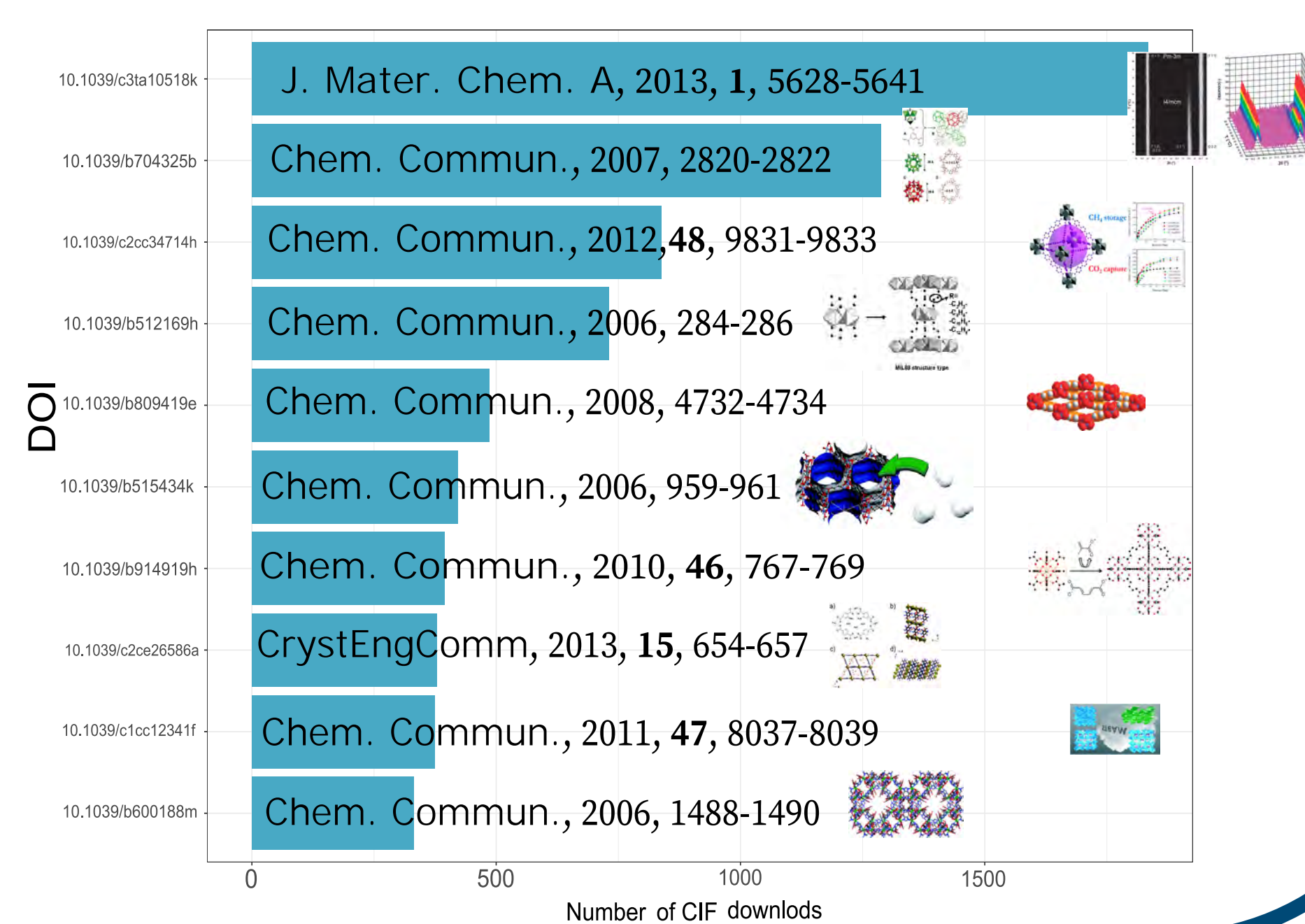
Journals with most structures in the CSD.



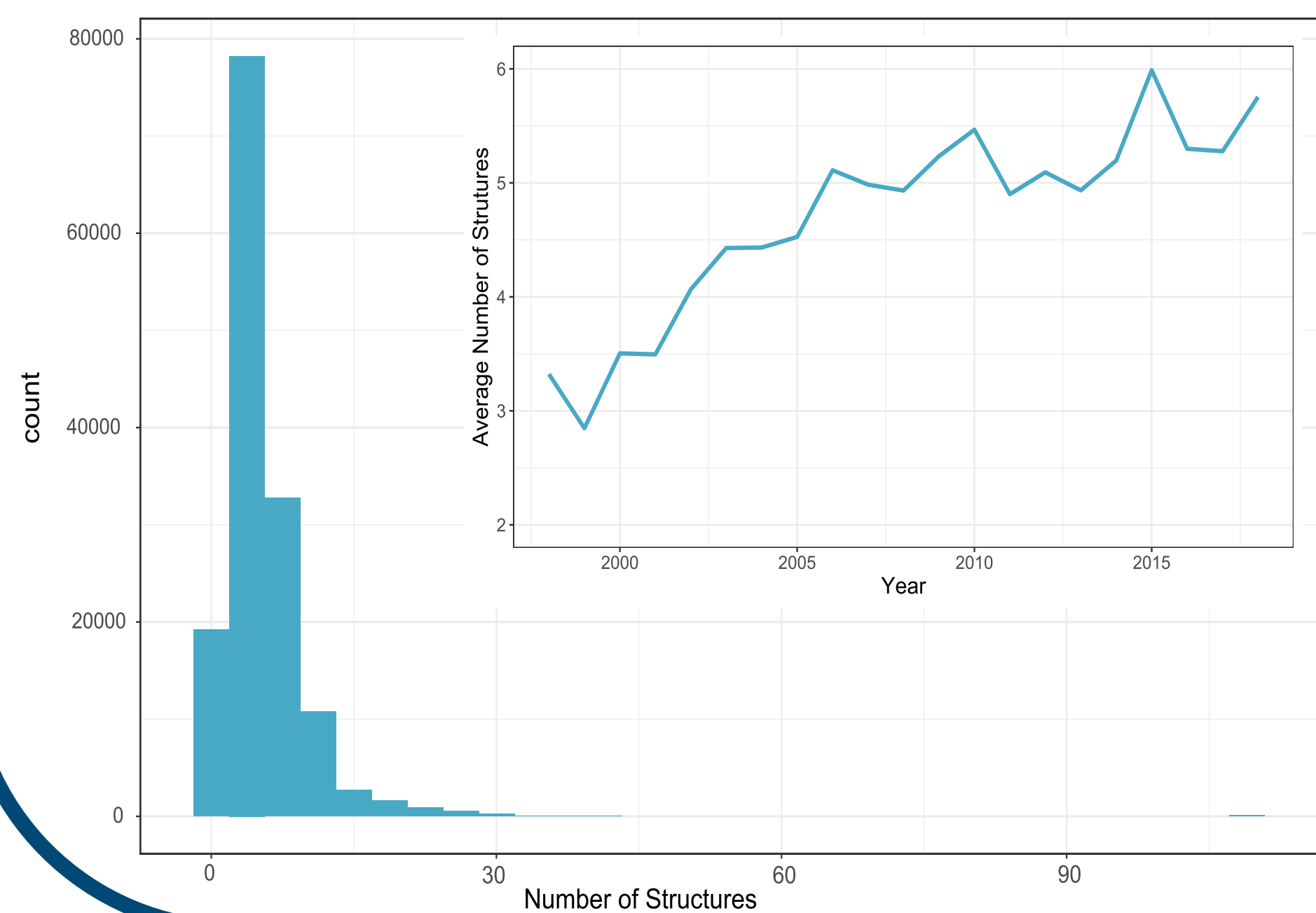
CIF files per journal. This value is normalised to the total number of CIF files that the RSC receives each year.



The most downloaded CIF files from 2015 to the present.

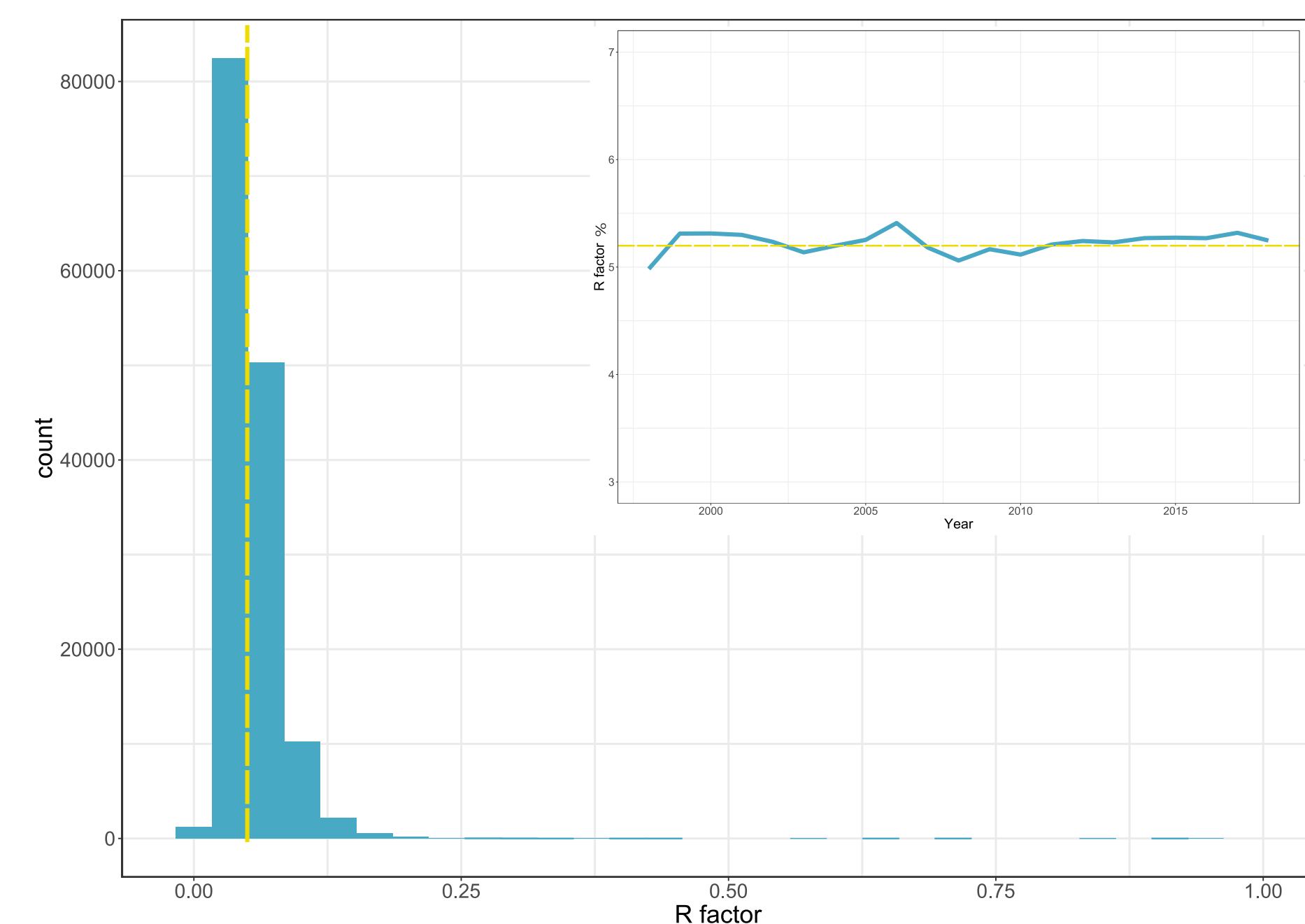


The mean number of structures per article is about 5.2. The average number of structures per article has increased in the last 20 years.

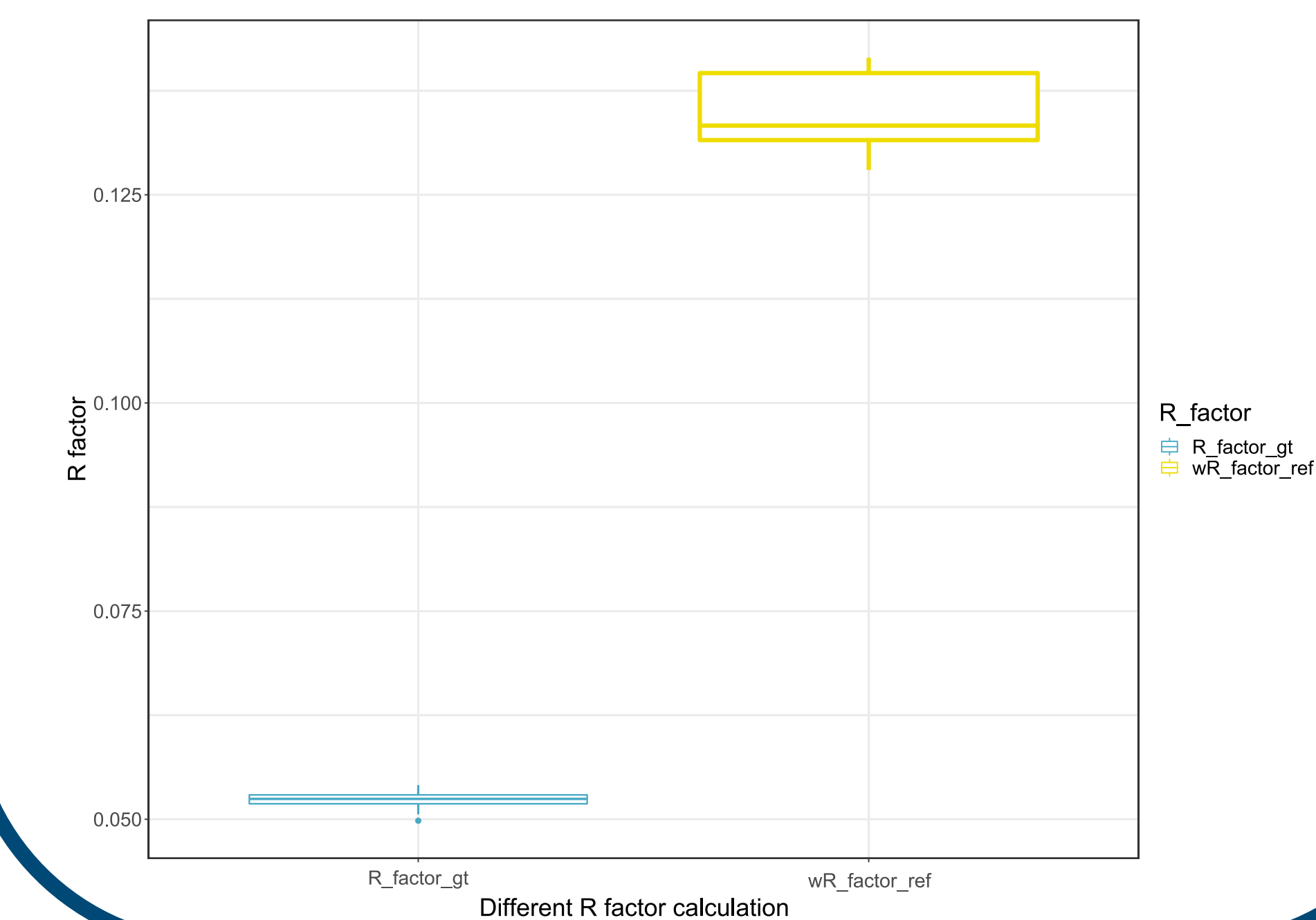


R-factor

The majority of structures in RSC journals have an R-factor of about 1%.

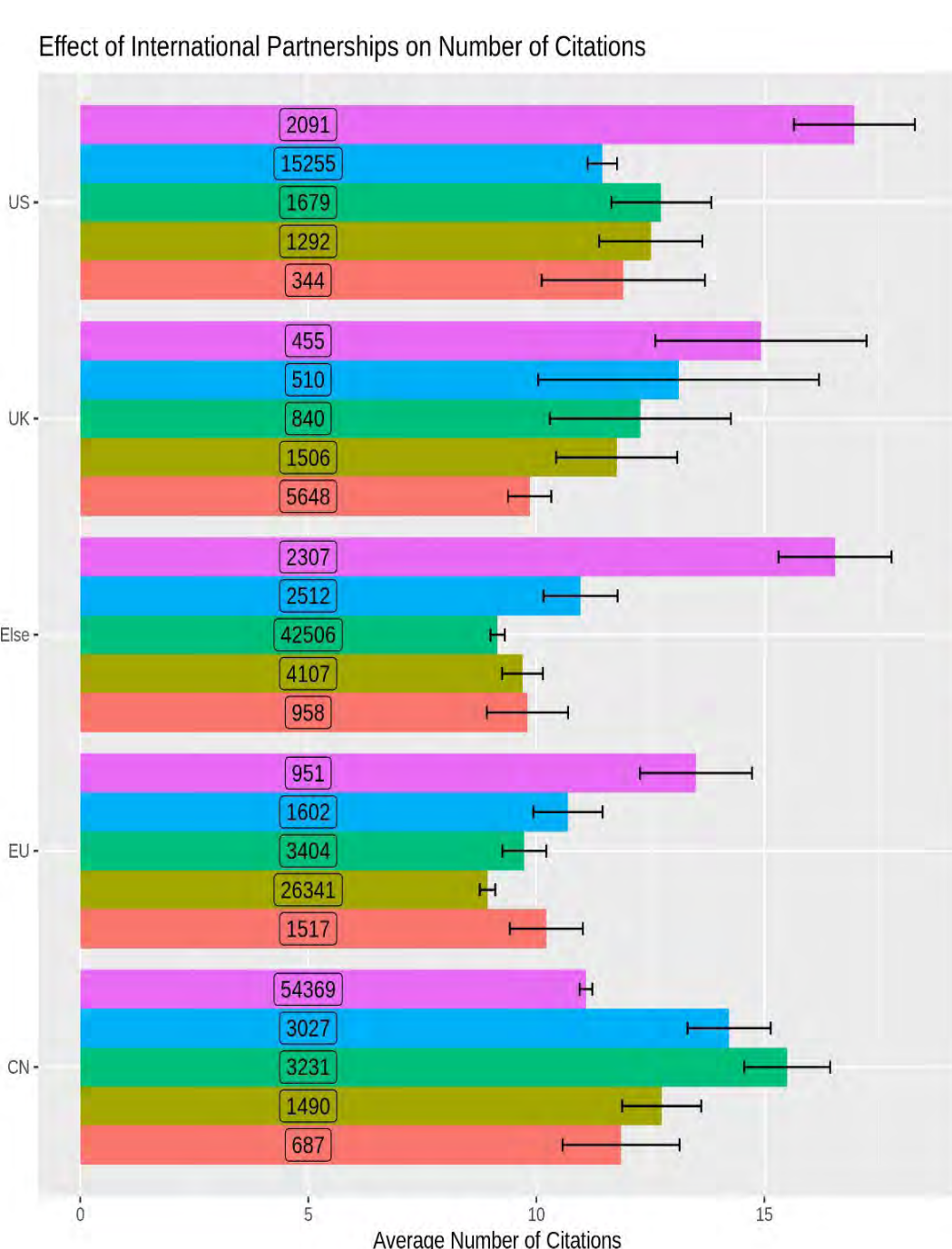


Comparison of weighted R-factor for all reflections included in the refinement (wR_factor_ref) and the one calculated on the reflections judged significantly intense (R_factor_gt).

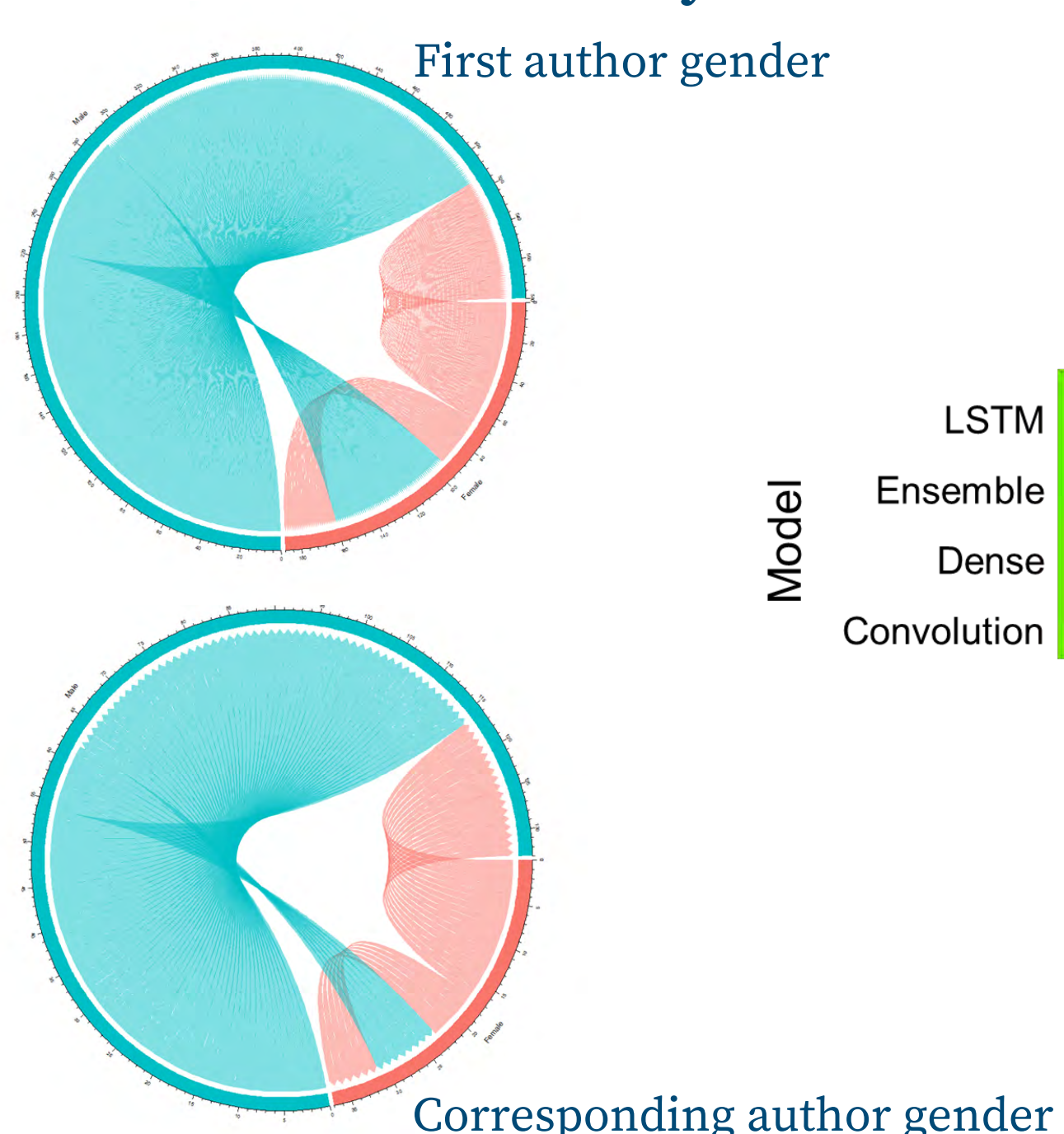


Recent research by the Data Science team, www.rsc.org/data-science

Collaborations in chemistry



Gender bias in chemistry



Deep learning for NMR and NLP.

