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Radio continuum emission in the northern Galactic plane: Sources and spectral indices from the THOR survey[★] (Corrigendum)

Y. Wang¹, S. Bühr¹, M. Rugel¹, H. Beuther¹, K. G. Johnston², J. Ott³, J. D. Soler¹, A. Brunthaler⁴, L. D. Anderson^{5,6,7}, J. S. Urquhart⁸, R. S. Klessen^{9,10}, H. Linz¹, N. M. McClure-Griffiths¹¹, S. C. O. Glover⁹, K. M. Menten⁴, F. Bigiel⁹, M. Hoare², and S. N. Longmore¹²

¹ Max-Planck Institute for Astronomy, Königstuhl 17, 69117 Heidelberg, Germany
e-mail: wang@mpia.de

² School of Physics and Astronomy, University of Leeds, Leeds LS2 9JT, UK

³ National Radio Astronomy Observatory, PO Box O, 1003 Lopezville Road, Socorro NM 87801, USA

⁴ Max-Planck-Institut für Radioastronomie, Auf dem Hügel 69, 53121 Bonn, Germany

⁵ Department of Physics and Astronomy, West Virginia University, Morgantown, WV 26506, USA

⁶ Adjunct Astronomer at the Green Bank Observatory, PO Box 2, Green Bank WV 24944, USA

⁷ Center for Gravitational Waves and Cosmology, West Virginia University, Chestnut Ridge Research Building, Morgantown, WV 26505, USA

⁸ School of Physical Sciences, University of Kent, Ingram Building, Canterbury, Kent CT2 7NH, UK

⁹ Universität Heidelberg, Zentrum für Astronomie, Institut für Theoretische Astrophysik, Albert-Ueberle-Str. 2, 69120 Heidelberg, Germany

¹⁰ Universität Heidelberg, Interdisziplinäres Zentrum für Wissenschaftliches Rechnen, INF 205, 69120 Heidelberg, Germany

¹¹ Research School of Astronomy and Astrophysics, The Australian National University, Canberra, ACT, Australia

¹² Astrophysics Research Institute, Liverpool John Moores University, IC2, Liverpool Science Park, 146 Brownlow Hill, Liverpool L3 5RF, UK

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We identified an error in the continuum catalog. Due to a bug in our script, the noise level of the 1.4 GHz peak flux (column `delta_S_p(spw-1440)`) was underestimated by a factor of 2 to 4. The peak fluxes themselves are all correct, and the peak flux and error entries for the other bands are correct as well. Since, for the spectral index determination, we fit only the peak intensities that are higher than three times the noise level of the respective spectral window (SPW), with the correct noise level of `spw-1440`, the number of continuum sources with a reliable spectral index (`fit_spws`≥4) reduces from 5857 to 5795

(Table 3). The fitting of the spectral index also considers the noise; therefore, the spectral index values also vary a bit, typically only at the second digit. The number of the ultra steep spectral sources (USS) also changes from 699 to 663 (Table 5). The electronic version of the full continuum catalog and Table 4 have been updated with the correct noise level, spectral index, `fit_spws` values, and other relevant fitted values. As the differences are qualitatively very small, all figures in the paper remain valid as they are, and the conclusions of the paper also remain the same.

[★] The revised catalog and updated Table 4 are available at the CDS via anonymous ftp to cdsarc.u-strasbg.fr (130.79.128.5) or via <http://cdsarc.u-strasbg.fr/viz-bin/cat/J/A+A/641/C1>