



<https://doi.org/10.1038/s42005-020-0334-2>

OPEN

## Author Correction: Dissecting the properties of neutron star-black hole mergers originating in dense star clusters

Manuel Arca Sedda 

Correction to: *Communications Physics* <https://doi.org/10.1038/s42005-020-0310-x>, published online 5 March 2020.

The original version of this Article contained errors in Eqs. (3), (4), (5), and (6) which were incorrectly written as:

$$\Gamma = (3.2 - 8.5) \times 10^{-3} \times (0.0116/\text{Mpc}^3) (N_c/200) \text{ yr}^{-1} \text{ Gpc}^{-1} \text{ for NSSTBH,} \quad (3)$$

$$(1.7 - 2.5) \times 10^{-1} \times (0.0116/\text{Mpc}^3) (N_c/200) \text{ yr}^{-1} \text{ Gpc}^{-1} \text{ for BHSTNS,} \quad (4)$$

and

$$\Gamma_{\text{NC}} = (0.9 - 1.7) \times 10^{-4} \times (0.0116/\text{Mpc}^3) \text{ yr}^{-1} \text{ Gpc}^{-1} \text{ for NSSTBH,} \quad (5)$$

$$(1.0 - 1.5) \times 10^{-2} \times (0.0116/\text{Mpc}^3) \text{ yr}^{-1} \text{ Gpc}^{-1} \text{ for NSSTBH,} \quad (6)$$

The correct version of these equations is:

$$\Gamma_{\text{GC}} = (3.2 - 8.5) \times 10^{-3} \times (\rho_{\text{MWEG}}/0.0116 \text{ Mpc}^{-3}) (N_c/200) \text{ yr}^{-1} \text{ Gpc}^{-3} \text{ for NSSTBH,} \quad (3)$$

$$(1.7 - 2.5) \times 10^{-1} \times (\rho_{\text{MWEG}}/0.0116 \text{ Mpc}^{-3}) (N_c/200) \text{ yr}^{-1} \text{ Gpc}^{-3} \text{ for BHSTNS,} \quad (4)$$

$$\Gamma_{\text{NC}} = (0.9 - 1.7) \times 10^{-4} \times (\rho_{\text{MWEG}}/0.0116 \text{ Mpc}^{-3}) \text{ yr}^{-1} \text{ Gpc}^{-3} \text{ for NSSTBH,} \quad (5)$$

$$(1.0 - 1.5) \times 10^{-2} \times (\rho_{\text{MWEG}}/0.0116 \text{ Mpc}^{-3}) \text{ yr}^{-1} \text{ Gpc}^{-3} \text{ for BHSTNS.} \quad (6)$$

This has been corrected in both the PDF and HTML versions of the Article.

Published online: 31 March 2020



**Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons license and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this license, visit <http://creativecommons.org/licenses/by/4.0/>.

© The Author(s) 2020