



Publication Year	2018
Acceptance in OA	2020-12-30T14:53:44Z
Title	Erratum: “GASP .IV. A Muse View of Extreme Ram-pressure Stripping in the Plane of the Sky: The Case of Jellyfish Galaxy JO204” (2017, ApJ, 846, 27)
Authors	GULLIEUSZIK, MARCO, POGGIANTI, Bianca Maria, MORETTI, ALESSIA, Fritz, Jacopo, Jaffé, Yara L., Hau, George, Bischko, Jan C., BELLHOUSE, CALLUM, BETTONI, Daniela, FASANO, Giovanni, Vulcani, Benedetta, D'ONOFRIO, MAURO, BIVIANO, ANDREA
Publisher's version (DOI)	10.3847/1538-4357/aaa9bd
Handle	http://hdl.handle.net/20.500.12386/29385
Journal	THE ASTROPHYSICAL JOURNAL
Volume	853



Erratum: “GASP .IV. A Muse View of Extreme Ram-pressure Stripping in the Plane of the Sky: The Case of Jellyfish Galaxy JO204” (2017, ApJ, 846, 27)

Marco Gullieuszik¹, Bianca M. Poggianti¹, Alessia Moretti¹, Jacopo Fritz², Yara L. Jaffé³, George Hau³, Jan C. Bischo⁴, Callum Bellhouse³, Daniela Bettoni¹, Giovanni Fasano¹, Benedetta Vulcani^{1,5}, Mauro D’Onofrio⁶, and Andrea Biviano⁷

¹ INAF, Astronomical Observatory of Padova, vicolo dell’Osservatorio 5, I-35122 Padova, Italy; marco.gullieuszik@oapd.inaf.it

² Instituto de Radioastronomía y Astrofísica, IRyA, UNAM, Campus Morelia, A.P. 3-72, C.P. 58089, Mexico

³ European Southern Observatory, Alonso de Córdova 3107, Santiago, Chile

⁴ Institute of Astro- and Particle Physics, University of Innsbruck, Technikerstrasse 25, A-6020 Innsbruck, Austria

⁵ School of Physics, University of Melbourne, VIC 3010, Australia

⁶ Department of Physics and Astronomy, University of Padova, Vicolo Osservatorio 3, I-35122 Padova, Italy

⁷ INAF, Astronomical Observatory of Trieste, via G.B. Tiepolo 11, I-34131 Trieste, Italy

Received 2018 January 18; published 2018 February 5

We found a bug in the procedure we used to calculate the metallicity and ionization parameter that leads to estimates of both quantities that are smaller than the correct values. However, the main results and conclusions of the paper are neither based on the absolute value of the metallicity nor the ionization parameter; consequently, we do not need to amend any section of the paper. We just update Figures 1 and 2 (Figures 10 and 11 in the original paper) with the corrected values.

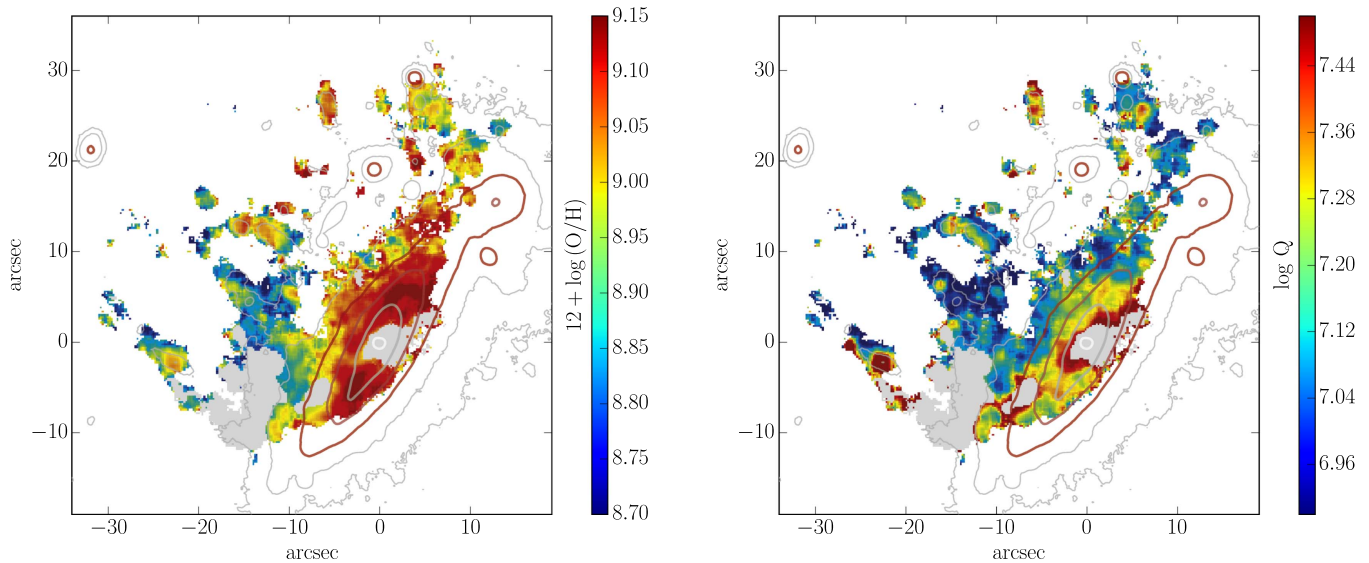


Figure 1. Figure 10 in the original paper. Metallicity (left panel) and ionization parameter (right panel) map. Regions ionized by LINERs/AGNs according to the BPT diagram have been masked (gray area). Contours are stellar isophotes, just as in Figure 4 in Gullieuszik et al. (2017).

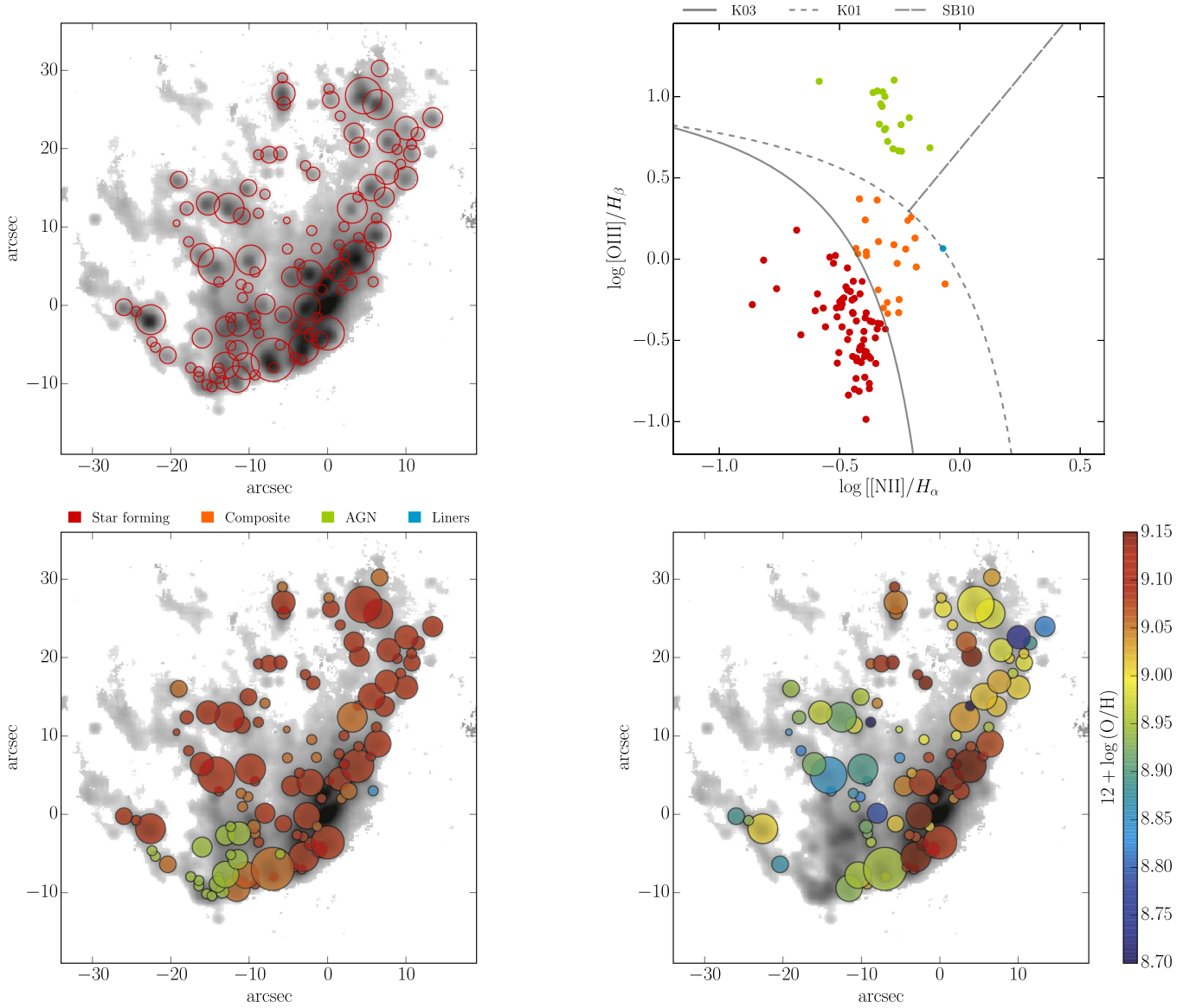


Figure 2. Figure 11 in the original paper. The upper left panel shows the 111 $H\alpha$ knots detected in JO204. The location of each knot in the Baldwin–Phillips–Terlevich diagram is shown in the upper right panel (the color-coding and lines are the same as in Figure 9 in Gullieuszik et al. 2017) and it is used to derive the ionization mechanism; results are shown in the lower left panel. The metallicity of the 92 star-forming regions is shown in the lower right panel.

ORCID iDs

Marco Gullieuszik <https://orcid.org/0000-0002-7296-9780>

Bianca M. Poggianti <https://orcid.org/0000-0001-8751-8360>

Alessia Moretti <https://orcid.org/0000-0002-1688-482X>

Jacopo Fritz <https://orcid.org/0000-0002-7042-1965>

Jan C. Bischoff <https://orcid.org/0000-0002-6030-532X>

Callum Bellhouse <https://orcid.org/0000-0002-6179-8007>

Daniela Bettoni <https://orcid.org/0000-0002-4158-6496>

Benedetta Vulcani <https://orcid.org/0000-0003-0980-1499>

Mauro D’Onofrio <https://orcid.org/0000-0001-6441-9044>

Andrea Biviano <https://orcid.org/0000-0002-0857-0732>

Reference

Gullieuszik, M., Poggianti, B. M., Moretti, A., et al. 2017, *ApJ*, **846**, 27