# ERRATUM: "CORRELATIONS OF QUASAR OPTICAL SPECTRA WITH RADIO MORPHOLOGY" (2011, AJ, 141, 182) 

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## Online-only material: color figures

Equation (3) in the published article contained a sign error, such that the two terms in the exponent were reversed. The correct version of the equation is

$$
\begin{equation*}
R=R_{[20 \mathrm{~cm}]}=\frac{S_{\text {core }}}{S_{\text {lobe }}}(1+z)^{\left(\alpha_{\text {lobe }}-\alpha_{\text {corre }}\right)} . \tag{3}
\end{equation*}
$$

This correction only affects the published equation. The code that calculated the $R$ values for the plots and analysis in the published article used the correct formula.
A separate error led to incorrect values in three rows of Table 8. Owing to an error in the software, the linear regression analysis was performed using the wrong abscissa values for the three rows corresponding to the lobe morphology class for equivalent width versus $R$. We provide the corrected table in its entirety below. None of the corrected linear regressions suggests a significant correlation; thus there is no change to the overall conclusions presented in the published article. This correction also affects the middle panels of Figures 12-14, which show the best-fit line for these sources. The figures are reproduced below with the corrected best-fit lines.

We are grateful to Dr. Neal Jackson for bringing these errors to our attention.


Figure 12. EW of Mg II $\lambda 2799$ as a function of core-boosting parameters $R$ and $R_{\mathrm{I}}$. In the left and middle panels, the full distributions are shown as black points. In the right panel, the full distribution is shown as linearly spaced contours. The number of sources in each panel and each morphology class is listed in Table 8 . To guide the eye, colored error bars show the median (and error in the median) EW in evenly spaced $\log (R)$ or $\log \left(R_{\mathrm{I}}\right)$ bins. Horizontal dotted lines show the median value for each panel. Dashed lines show the best-fit line for the full set of sources in each panel. Quantitative results of the linear regression for all morphology classes are listed in Table 8.
(A color version of this figure is available in the online journal.)


Figure 13. EW of C iv $\lambda 1549$ as a function of core-boosting parameters $R$ and $R_{\mathrm{I}}$. Colors and symbols are the same as in Figure 12 . Number of sources of each class and results of the linear regression analysis are listed in Table 8.
(A color version of this figure is available in the online journal.)


Figure 14. EW of [ O III] $\lambda \lambda 4959 / 5007$ as a function of core-boosting parameters $R$ and $R_{\mathrm{I}}$. Colors and symbols are the same as in Figure 12 . Number of sources of each class and results of the linear regression analysis are listed in Table 8.
(A color version of this figure is available in the online journal.)
Table 8
Linear Regression Results

| $Y$ | $X$ | Class | Number of Sources | A | $B$ | Pearson | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EW Mg II | $R$ | Lobe | 261 | $1.54_{-0.012}^{+0.013}$ | $-0.023_{-0.018}^{+0.017}$ | $-0.081_{-0.061}^{+0.062}$ | 12 |
|  |  | Triple | 420 | $1.611_{-0.011}^{+0.011}$ | $-0.004_{-0.015}^{+0.016}$ | $-0.012_{-0.050}^{+0.052}$ |  |
| EW Mg II | $R_{\text {I }}$ | All radio | 2929 | $1.42{ }_{-0.011}^{+0.012}$ | $0.053{ }_{-0.006}^{+0.005}$ | $0.179_{-0.018}^{+0.018}$ |  |
|  |  | Unresolved core | 1602 | $1.42{ }_{-0.016}^{+0.015}$ | $0.034_{-0.008}^{+0.007}$ | $0.112_{-0.025}^{+0.024}$ |  |
|  |  | Resolved core | 384 | $1.38{ }_{-0.024}^{+0.024}$ | $0.070_{-0.012}^{+0.012}$ | $0.309_{-0.050}^{+0.046}$ |  |
|  |  | Jet | 126 | $1.33{ }_{-0.075}^{+0.073}$ | $0.1033_{-0.028}^{+0.029}$ | $0.332{ }_{-0.090}^{+0.087}$ |  |
|  |  | Lobe | 265 | $1.488_{-0.039}^{+0.040}$ | $0.032_{-0.020}^{+0.020}$ | $0.096_{-0.060}^{+0.062}$ |  |
|  |  | Triple | 491 | $1.41_{-0.030}^{+0.032}$ | $\mathbf{0 . 1 0 0}{ }_{-0.015}^{+0.015}$ | $\mathbf{0 . 2 9 4}{ }_{-0.044}^{+0.042}$ |  |
| EW C Iv | $R$ | Lobe | 119 | $1.62_{-0.022}^{+0.023}$ | $0.004_{-0.034}^{+0.033}$ | $0.012_{-0.097}^{+0.094}$ | 13 |
|  |  | Triple | 109 | $1.70_{-0.023}^{+0.022}$ | $0.028_{-0.032}^{+0.030}$ | $0.090_{-0.106}^{+0.102}$ |  |
| EW C IV | $R_{\text {I }}$ | All radio | 1398 | $1.40{ }_{-0.023}^{+0.023}$ | $0.086_{-0.011}^{+0.011}$ | $0.215_{-0.026}^{+0.026}$ |  |
|  |  | Unresolved core | 945 | $1.37{ }_{-0.030}^{+0.030}$ | $0.082_{-0.014}^{+0.014}$ | $0.195{ }_{-0.033}^{+0.032}$ |  |
|  |  | Resolved core | 138 | $1.40{ }_{-0.054}^{+0.054}$ | $0.111_{-0.028}^{+0.026}$ | $0.3411_{-0.082}^{+0.074}$ |  |
|  |  | Jet | 46 | $1.63{ }_{-0.116}^{+0.111}$ | $0.034_{-0.041}^{+0.043}$ | $0.139_{-0.169}^{+0.170}$ |  |
|  |  | Lobe | 119 | $1.56{ }_{-0.079}^{+0.073}$ | $0.033_{-0.036}^{+0.040}$ | $0.082_{-0.090}^{+0.100}$ |  |
|  |  | Triple | 130 | $\mathbf{1 . 4 8}{ }_{-0.067}^{+0.067}$ | $\mathbf{0 . 1 1 0}{ }_{-0.032}^{+0.032}$ | $0.298{ }_{-0.084}^{+0.084}$ |  |
| EW [O III] | $R$ | Lobe | 60 | $1.388_{-0.050}^{+0.049}$ | ${ }^{-0.223}{ }_{-0.079}^{+0.079}$ | $-0.368_{-0.121}^{+0.129}$ | 14 |
|  |  | Triple | 137 | $1.57_{-0.042}^{+0.041}$ | $-0.083_{-0.059}^{+0.062}$ | $-0.116_{-0.084}^{+0.087}$ |  |
| EW [O III] | $R_{\text {I }}$ | All radio | 840 | $1.44_{-0.036}^{+0.037}$ | $0.032_{-0.019}^{+0.019}$ | $0.059_{-0.035}^{+0.035}$ |  |
|  |  | Unresolved core | 436 | $1.488_{-0.050}^{+0.049}$ | $-0.003_{-0.027}^{+0.027}$ | $-0.005_{-0.049}^{+0.047}$ |  |
|  |  | Resolved core | 125 | $1.39_{-0.084}^{+0.081}$ | $0.081_{-0.047}^{+0.046}$ | $0.162_{-0.094}^{+0.090}$ |  |
|  |  | Jet | 32 | $1.32_{-0.338}^{+0.338}$ | $0.063_{-0.132}^{+0.128}$ | $0.102_{-0.215}^{+0.199}$ |  |
|  |  | Lobe | 62 | $1.34_{-0.157}^{+0.159}$ | $0.032_{-0.087}^{+0.088}$ | $0.052_{-0.140}^{+0.138}$ |  |
|  |  | Triple | 161 | $1.45{ }_{-0.103}^{+0.104}$ | $0.078_{-0.051}^{+0.050}$ | $0.127_{-0.083}^{+0.078}$ |  |
| EW C iv | $L_{v}(1549 \AA)$ | Radio-quiet | 21,067 | $9.40{ }_{-0.160}^{+0.153}$ | $-0.257_{-0.005}^{+0.005}$ | $-0.336{ }_{-0.006}^{+0.006}$ |  |
|  |  | All radio | 1388 | $9.61{ }_{-0.705}^{+0.720}$ | $-0.264_{-0.023}^{+0.023}$ | $-0.294{ }_{-0.025}^{+0.025}$ |  |
|  |  | Unresolved core | 937 | $9.18{ }_{-0.975}^{+0.901}$ | $-\mathbf{0 . 2 5 1}{ }_{-0.030}^{+0.032}$ | $-0.268{ }_{-0.031}^{+0.033}$ |  |
|  |  | Resolved core | 138 | $10.64{ }_{-2.021}^{+2.103}$ | $-\mathbf{0 . 2 9 7}{ }_{-0.069}^{+0.067}$ | $-0.369_{-0.081}^{+0.080}$ |  |
|  |  | Jet | 45 | $4.688_{-3.417}^{+3.49}$ | $-0.098_{-0.114}^{+0.113}$ | $-0.146_{-0.167}^{+0.168}$ |  |
|  |  | Lobe | 118 | $9.16{ }_{-1.984}^{+2.055}$ | $-\mathbf{0 . 2 4 8}{ }_{-0.067}^{+0.066}$ | $-0.342{ }_{-0.087}^{+0.091}$ |  |
|  |  | Triple | 130 | 9.19 ${ }_{-2.025}^{+2.076}$ | $-\mathbf{0 . 2 4 6}{ }_{-0.068}^{+0.067}$ | $-0.327_{-0.089}^{+0.089}$ |  |
|  |  | Double-lobe | 87 | $7.03{ }_{-2.643}^{+2.566}$ | $-0.180_{-0.084}^{+0.087}$ | $-0.244_{-0.111}^{+0.119}$ |  |

Note. Distributions with significant correlations are shown in bold text. We define a significant correlation as having slope B and correlation coefficient that are non-zero with at least $3 \sigma$ certainty. We exclude statistical analysis for samples with fewer than 20 sources.

