



## Erratum: “Reverberation Mapping of Luminous Quasars at High- $z$ ” (2018, *ApJ*, 865, 56)

Paulina Lira<sup>1</sup> , Shai Kaspi<sup>2</sup>, Hagai Netzer<sup>3</sup> , Ismael Botti<sup>4</sup>, Nidia Morrell<sup>5</sup> , Julián Mejía-Restrepo<sup>1</sup>, Paula Sánchez-Sáez<sup>1</sup> ,  
 Jorge Martínez-Palomera<sup>1</sup> , and Paula López<sup>1</sup>

<sup>1</sup> Departamento de Astronomía, Universidad de Chile, Casilla 36D, Santiago, Chile

<sup>2</sup> Wise Observatory, School of Physics and Astronomy, Tel Aviv University, Tel Aviv 69978, Israel

<sup>3</sup> School of Physics and Astronomy, Tel Aviv University, Tel Aviv 69978, Israel

<sup>4</sup> Facultad de Ingeniería, Universidad del Desarrollo, Av. Plaza 680, Las Condes, Santiago, Chile

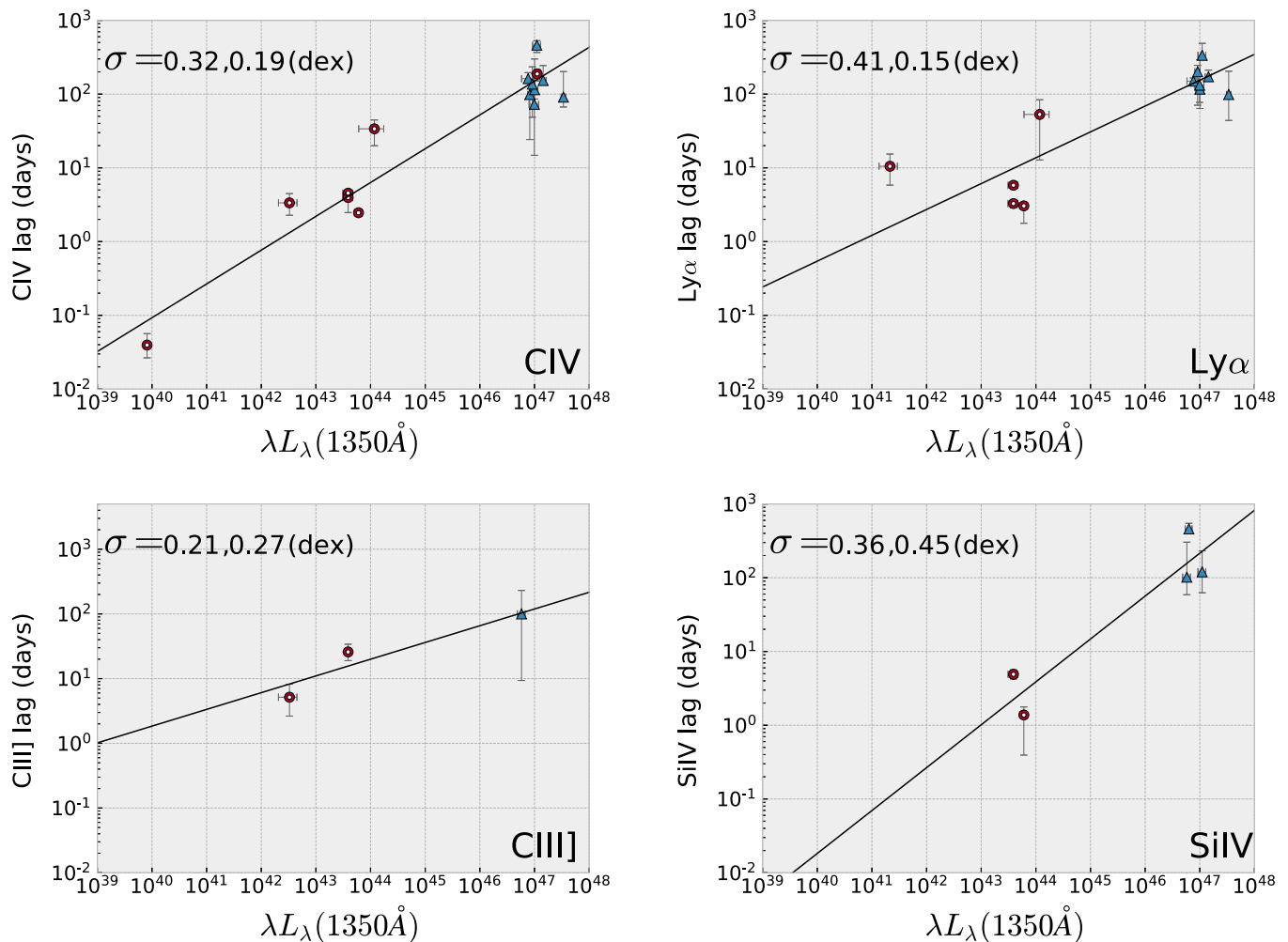
<sup>5</sup> Las Campanas Observatory, Carnegie Observatories, Casilla 601, La Serena, Chile

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Our recent paper Lira et al. (2018) contains errors in the list of rest-frame lags presented in Table 4, which, for all objects after the fourth entry (CT320), were based on incorrect redshift values. However, the correct lag values were used in the determinations of the radius–luminosity relations given in Equations (1)–(4) and the various plots presented in the paper. Additionally, we emphasize that the redshifts in Table 1 are correct. The revised Table 4 is included here.

One omission, however, is that the quasar CT406 was included in the determination of the C IV radius–luminosity relation, even though it was not listed as such in the original paper (first paragraph of Section 5.1).

Finally, there are two issues with the radius–luminosity plots (Figure 7). First, J214355 was omitted from the C IV plot. Second, the UV luminosity error bars appear too large by a factor of 3. These problems only affected the graphical representation of the radius–luminosity relations. The UV luminosity errors were correctly applied when deriving Equations (1)–(4). A new version of Figure 7 is included.



**Figure 7.** Revised version of the radius–luminosity relations for the Ly $\alpha$ , C IV, C III], and Si IV emission lines. Our sources are presented with blue solid triangles, while sources taken from the literature are presented with red circles. The solid black lines show the linear regression to the data using a bivariate analysis. Two values of  $\sigma$  are shown at the top left of each panel, where the first value corresponds to the observed scatter and the second value corresponds to the scatter due to measurement errors. The differences from the plots presented in the original paper are as follows: (1) errors in  $\lambda L_{\lambda}(1350 \text{ \AA})$  are now correctly represented for our sources; (2) the quasar J214355 is now shown in the C IV radius–luminosity plot.

**Table 4**  
Revised Cross-correlation Analysis

	Ly $\alpha$				Si IV			
	$\tau_{\text{cent}}$ (days)	$\sigma_-$ (days)	$\sigma_+$ (days)	$M_{\text{BH}}$ ( $10^9 M_{\odot}$ )	$\tau_{\text{cent}}$ (days)	$\sigma_-$ (days)	$\sigma_+$ (days)	$M_{\text{BH}}$ ( $10^9 M_{\odot}$ )
CT1061	431 (98)	239 (55)	461 (105)	...	...	...	...	...
CT250	37 (11)	65 (19)	155 (45)	...	174 (51)	652 (191)	988 (290)	...
CT286	1191 (335)	78 (22)	542 (152)	$0.59 \pm 0.16$	427 (120)	205 (58)	395 (111)	$0.69 \pm 0.49$
CT320	-222 (-56)	105 (26)	365 (92)	...	1818 (460)	105 (26)	345 (87)	$3.91 \pm 0.62$
CT406	16 (4)	105 (25)	505 (121)	...	...	...	...	...
CT564	426 (116)	193 (53)	647 (177)	...	...	...	...	...
CT650	548 (150)	54 (15)	56 (15)	$0.16 \pm 0.02$	...	...	...	...
CT953	465 (132)	193 (55)	87 (25)	$1.81 \pm 0.57$	779 (220)	637 (180)	1153 (326)	...
CT975	...	...	...	...	...	...	...	...
HB89	1543 (449)	171 (50)	399 (116)	$1.45 \pm 0.31$	349 (102)	147 (43)	693 (202)	...
J214355	724 (200)	469 (130)	161 (44)	$1.40 \pm 0.63$	...	...	...	...
J221516	637 (172)	43 (12)	147 (40)	$0.20 \pm 0.04$	...	...	...	...
	C IV				C III]			
	$\tau_{\text{cent}}$ (days)	$\sigma_-$ (days)	$\sigma_+$ (days)	$M_{\text{BH}}$ ( $10^9 M_{\odot}$ )	$\tau_{\text{cent}}$ (days)	$\sigma_-$ (days)	$\sigma_+$ (days)	$M_{\text{BH}}$ ( $10^9 M_{\odot}$ )
CT1061	397 (91)	105 (24)	485 (111)	...	...	...	...	...
CT250	-24 (-7)	184 (54)	356 (104)	...	...	...	...	...
CT286	1629 (458)	327 (92)	253 (71)	$1.14 \pm 0.23$	...	...	...	...
CT320	217 (55)	333 (84)	67 (17)	...	162 (41)	169 (43)	451 (114)	...
CT406	411 (98)	310 (74)	230 (55)	$0.64 \pm 0.42$	...	...	...	...
CT564	419 (114)	106 (29)	674 (184)	...	...	...	...	...
CT650	592 (162)	38 (10)	122* (33)	$0.39 \pm 0.07$	...	...	...	...
CT953	256 (72)	204 (58)	406 (115)	...	417 (118)	445 (126)	1355 (383)	...
CT975	289 (75)	33 (8)	157 (41)	$0.52 \pm 0.18$	...	...	...	...
HB89	...	...	...	...	343 (100)	311 (91)	449 (131)	...
J214355	493 (136)	318 (88)	352 (97)	$0.96 \pm 0.66$	...	...	...	...
J221516	566 (153)	43 (12)	337 (91)	$0.23 \pm 0.08$	...	...	...	...
	Mg II							
	$\tau_{\text{cent}}$ (days)	$\sigma_-$ (days)	$\sigma_+$ (days)	$M_{\text{BH}}$ ( $10^9 M_{\odot}$ )				
CT252	550 (190)	170 (59)	330 (114)	$0.56 \pm 0.26$				

**Note.** Lags are given in days in the observed frame and in parentheses in the rest frame. Black hole virial masses are given assuming a virial factor of 1.  $M_{\text{BH}}$  values are presented only for objects where  $\tau_{\text{cent}}/\sigma_- > 1$  and  $\tau_{\text{cent}}/\sigma_+ > 1$ . \* Centroid calculations for the CT650 C IV line failed in 60% of the trials. † The Mg II lag for CT252, C III] for CT953, and C IV for CT975 are not considered reliable, as they were obtained from less than 50% of the original CCD distributions.

### ORCID iDs

Paulina Lira  <https://orcid.org/0000-0003-1523-9164>  
Hagai Netzer  <https://orcid.org/0000-0002-6766-0260>  
Nidia Morrell  <https://orcid.org/0000-0003-2535-3091>

Paula Sánchez-Sáez  <https://orcid.org/0000-0003-0820-4692>  
Jorge Martínez-Palomera  <https://orcid.org/0000-0002-7395-4935>