

ERRATUM: “STELLAR KINEMATICS AND STRUCTURAL PROPERTIES OF VIRGO CLUSTER DWARF
EARLY-TYPE GALAXIES FROM THE SMAKCED PROJECT. II. THE SURVEY AND A SYSTEMATIC
ANALYSIS OF KINEMATIC ANOMALIES AND ASYMMETRIES” (2014, *APJS*, 215, 17)

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In the published article Toloba et al. (2014), Column 3 of Table 8 appears in ascending order. Thus the stellar mass values do not correspond to the galaxy indicated in Column 1 of the same Table. Only Column 3 is affected by this effect, no other Column in Table 8 or any other Table is affected, as well as any Figure or any derived quantity. This typographic mistake does not affect our results and conclusions. We provide below the corrected Table.

Table 1
Masses and Dark Matter Fractions

Galaxy (1)	$\log M_e$ M_\odot (2)	$\log M_e^*$ M_\odot (3)	f_{DM} (4)	$(M/L)_{\text{dyn},r}$ $M_\odot/L_{\odot,r}$ (5)	$(M/L)_{\text{dyn},H}$ $M_\odot/M_{\odot,H}$ (6)
VCC0009	9.24 ± 0.14	9.10 ± 0.12	0.28 ± 0.30	2.62 ± 0.83	0.67 ± 0.21
VCC0021	8.88 ± 0.11	8.48 ± 0.12	0.61 ± 0.15	3.19 ± 0.81	1.22 ± 0.31
VCC0033	8.56 ± 0.19	8.47 ± 0.12	0.19 ± 0.41	1.82 ± 0.78	0.59 ± 0.25
VCC0170	9.11 ± 0.15	8.75 ± 0.12	0.56 ± 0.20	3.16 ± 1.08	1.08 ± 0.37
VCC0308	8.93 ± 0.12	8.94 ± 0.12	-0.03 ± 0.40	1.53 ± 0.42	0.47 ± 0.13
VCC0389	9.04 ± 0.09	9.00 ± 0.12	0.08 ± 0.31	1.82 ± 0.36	0.52 ± 0.10
VCC0397	9.02 ± 0.08	8.57 ± 0.12	0.64 ± 0.12	5.73 ± 1.08	1.35 ± 0.25
VCC0437	9.42 ± 0.10	8.96 ± 0.12	0.65 ± 0.13	4.54 ± 1.02	1.37 ± 0.31
VCC0523	9.31 ± 0.07	9.11 ± 0.12	0.37 ± 0.20	1.98 ± 0.30	0.76 ± 0.11
VCC0543	9.16 ± 0.08	8.84 ± 0.12	0.52 ± 0.16	3.05 ± 0.56	1.00 ± 0.19
VCC0634	9.15 ± 0.09	8.96 ± 0.12	0.36 ± 0.22	1.66 ± 0.34	0.75 ± 0.15
VCC0750	9.26 ± 0.08	8.50 ± 0.12	0.83 ± 0.06	8.35 ± 1.52	2.78 ± 0.51
VCC0751	8.83 ± 0.10	8.75 ± 0.12	0.17 ± 0.29	1.97 ± 0.43	0.58 ± 0.13
VCC0781	9.09 ± 0.09	8.66 ± 0.12	0.63 ± 0.13	4.36 ± 0.87	1.29 ± 0.26
VCC0794	9.15 ± 0.13	8.47 ± 0.12	0.79 ± 0.08	4.73 ± 1.37	2.30 ± 0.66
VCC0856	9.01 ± 0.12	8.84 ± 0.12	0.33 ± 0.26	2.27 ± 0.64	0.72 ± 0.20
VCC0917	8.75 ± 0.09	8.37 ± 0.12	0.58 ± 0.15	3.70 ± 0.80	1.15 ± 0.25
VCC0940	9.30 ± 0.08	8.71 ± 0.12	0.74 ± 0.09	6.32 ± 1.16	1.85 ± 0.34
VCC0990	8.99 ± 0.07	8.74 ± 0.12	0.43 ± 0.18	2.87 ± 0.47	0.85 ± 0.14
VCC1010	9.33 ± 0.07	9.17 ± 0.12	0.29 ± 0.23	2.57 ± 0.41	0.68 ± 0.11
VCC1087	9.26 ± 0.07	8.99 ± 0.12	0.46 ± 0.17	1.82 ± 0.29	0.88 ± 0.14
VCC1122	9.01 ± 0.09	8.62 ± 0.12	0.59 ± 0.14	3.81 ± 0.76	1.18 ± 0.24
VCC1183	9.33 ± 0.07	8.89 ± 0.12	0.64 ± 0.12	4.27 ± 0.71	1.33 ± 0.22
VCC1261	9.41 ± 0.06	9.18 ± 0.12	0.42 ± 0.18	2.85 ± 0.43	0.82 ± 0.12
VCC1304	8.81 ± 0.12	8.52 ± 0.12	0.48 ± 0.20	3.13 ± 0.84	0.92 ± 0.25
VCC1355	8.89 ± 0.18	8.72 ± 0.12	0.32 ± 0.34	1.90 ± 0.80	0.71 ± 0.30
VCC1407	8.93 ± 0.09	8.59 ± 0.12	0.54 ± 0.16	3.74 ± 0.80	1.04 ± 0.22
VCC1431	9.20 ± 0.06	8.93 ± 0.12	0.46 ± 0.17	3.49 ± 0.47	0.89 ± 0.12
VCC1453	9.15 ± 0.08	8.94 ± 0.12	0.40 ± 0.20	2.72 ± 0.49	0.79 ± 0.14
VCC1528	9.05 ± 0.06	8.79 ± 0.12	0.46 ± 0.17	3.22 ± 0.47	0.88 ± 0.13
VCC1549	9.01 ± 0.08	8.78 ± 0.12	0.42 ± 0.20	3.53 ± 0.68	0.83 ± 0.16
VCC1684	8.85 ± 0.09	8.34 ± 0.12	0.69 ± 0.11	4.24 ± 0.88	1.54 ± 0.32
VCC1695	8.84 ± 0.11	8.71 ± 0.12	0.27 ± 0.28	1.67 ± 0.44	0.66 ± 0.17
VCC1861	9.06 ± 0.09	8.89 ± 0.12	0.33 ± 0.23	2.17 ± 0.44	0.72 ± 0.14
VCC1895	8.73 ± 0.13	8.52 ± 0.12	0.38 ± 0.25	2.41 ± 0.72	0.78 ± 0.23
VCC1910	9.03 ± 0.07	9.03 ± 0.12	0.00 ± 0.33	2.05 ± 0.35	0.48 ± 0.08
VCC1912	9.23 ± 0.08	8.91 ± 0.12	0.52 ± 0.16	3.36 ± 0.60	0.99 ± 0.18
VCC1947	9.11 ± 0.06	8.91 ± 0.12	0.36 ± 0.20	3.19 ± 0.44	0.75 ± 0.10
VCC2083	8.93 ± 0.10	8.27 ± 0.12	0.78 ± 0.08	6.51 ± 1.55	2.17 ± 0.52

Note. Column 1: galaxy name. Column 2: dynamical mass within the R_e estimated as described in Equation 6 of Toloba et al. (2014). Column 3: stellar mass within the R_e estimated assuming a stellar mass-to-light ratio of $(M/L)_H^* = 0.73 \pm 0.19$ for all dEs. The average mass does not change if we assume a different $(M/L)_H^*$ or $(M/L)_V^*$ for each dE (see Section 9 of Toloba et al. (2014)). The total dynamical masses and the total stellar masses can be calculated by multiplying by 2 the masses in columns 2 and 3. Column 4: dark matter fraction within the R_e estimated as described in Equation 9 of Toloba et al. (2014). Note that negative values of f_{DM} are consistent with no dark matter within the uncertainties. Columns 5 and 6: dynamical mass-to-light ratio calculated dividing the dynamical masses in Column 1 by half the luminosities obtained from the r and H band absolute magnitudes in Table 4 of Toloba et al. (2014), respectively.

REFERENCES

Toloba, E., Guhathakurta, P., Peletier, R. F., et al. 2014, *ApJS*, **215**, 17