Formation and evolution of dwarf early-type galaxies in the Virgo cluster

II. Kinematic scaling relations

(Corrigendum)

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In the published article, Table 2 showed incorrect absolute magnitudes in the $K$ band for 10 of the objects. This error only affected Col. 6 of that table and the middle panel of Fig. 1. The correct table and figure are included below. The conclusions of the published article are not affected whatsoever by this mistake.

Table 1. Photometric parameters for the sample of dEs.

<table>
<thead>
<tr>
<th>Galaxy</th>
<th>$M_V$ (mag)</th>
<th>$\epsilon_V$</th>
<th>$R_{MAV}$ (arcsec)</th>
<th>$\langle \mu_{\lambda} \rangle$ (arcsec$^{-2}$)</th>
<th>$M_K$ (mag)</th>
<th>$\epsilon_K$</th>
<th>$R_{MAK}$ (arcsec)</th>
<th>$\langle \mu_{\lambda,K} \rangle$ (arcsec$^{-2}$)</th>
<th>$(V-K)_C$</th>
<th>Ref.</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>(2)</td>
<td>(3)</td>
<td>(4)</td>
<td>(5)</td>
<td>(6)</td>
<td>(7)</td>
<td>(8)</td>
<td>(9)</td>
<td>(10)</td>
<td>(11)</td>
</tr>
</tbody>
</table>

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Fig. 1. Comparison between the apparent magnitudes in our work and different sources from the literature.