

Dynamical ages of the young local associations with *Gaia* (Corrigendum)

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We noticed an error in the original abstract, and provide the corrected version here. The dynamical ages that we obtain are compatible spectroscopic and isochrone fitting ages obtained elsewhere. From the orbital analysis, we suggest a scenario for these YLAs where there were two episodes of star formation: one ~40 Myr ago in the first quadrant that gave birth to Tucana-Horologium, Columba, and

Carina, and another 5 – 15 Myr ago close to the Sun that formed ϵ Chamaeleontis, TW Hydrae, and β Pictoris. Future *Gaia* data will provide the necessary accuracy to improve the present results, especially for the controversial age determinations, and additional evidence for the proposed scenario once a complete census of YLAs and better membership can be obtained.