Figure 5. from Variation in GMC Association Properties across the Bars, Spiral Arms, Inter-arms, and Circumnuclear Region of M100 (NGC 4321) Extracted from ALMA Observations
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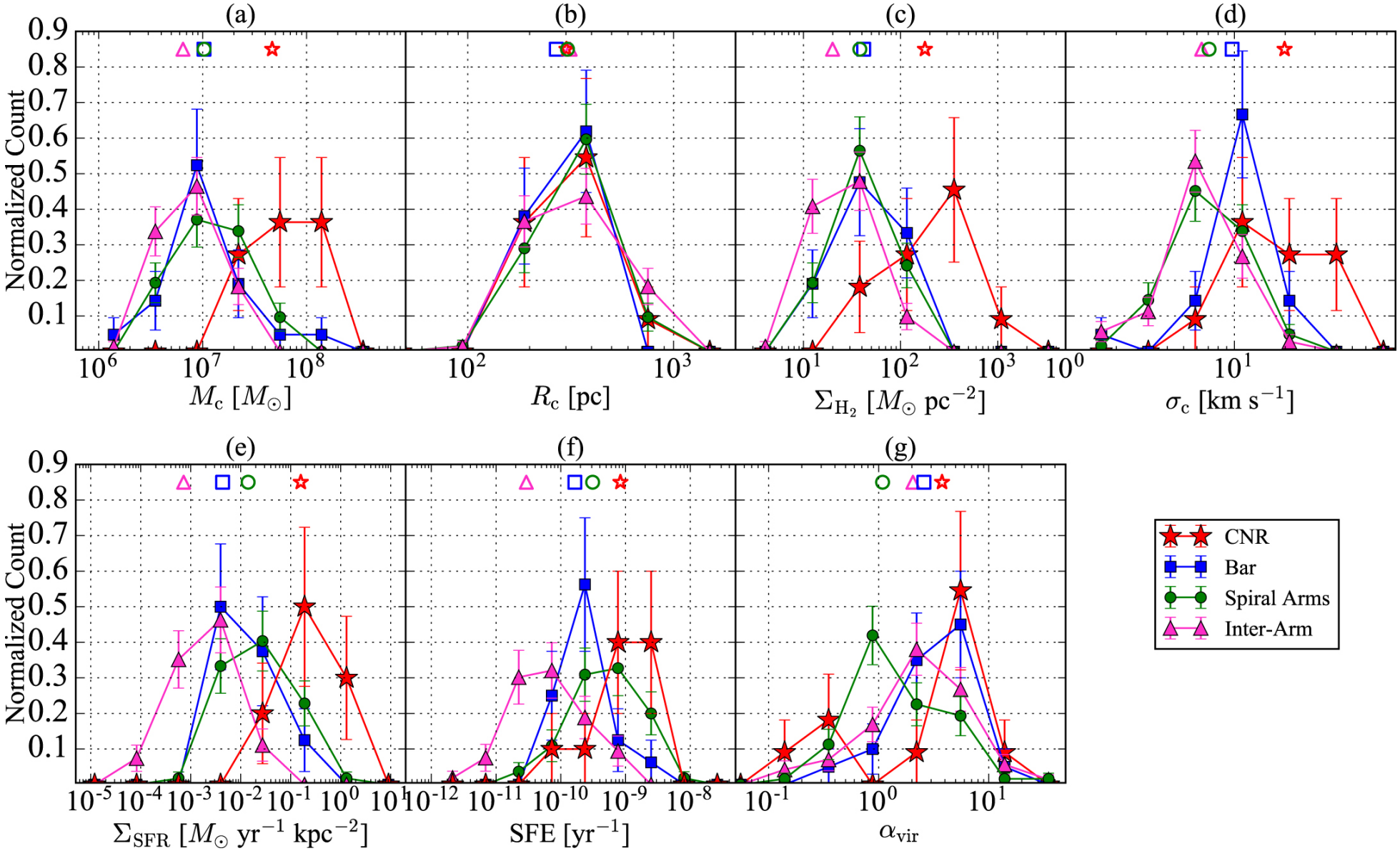
(a)
(b)
(c)
(d)
(e)
(f)
(g)
Normalized Count
M_c [$M_\odot$]
R_c [pc]
Σ_{H_2} [$M_\odot$ pc^{-2}]
σ_c [km s^{-1}]
Σ_{SFR} [$M_\odot$ yr^{-1} kpc^{-2}]
SFE [yr^{-1}]
α_{vir}
CNR
Bar
Spiral Arms
Inter-Arm