

# Environmental dependence of SN Ia i-band secondary maximum with BayeSN

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- SN Ia properties vary with environment, important for astrophysics and cosmology
- We apply BayeSN, a probabilistic SED model for SNe Ia, to investigate this
- BayeSN finds significant intrinsic differences between SNe in different environments, notably in i-band secondary maximum
- Further investigation can shed light on the progenitors of SNe Ia and will have implications for cosmology

