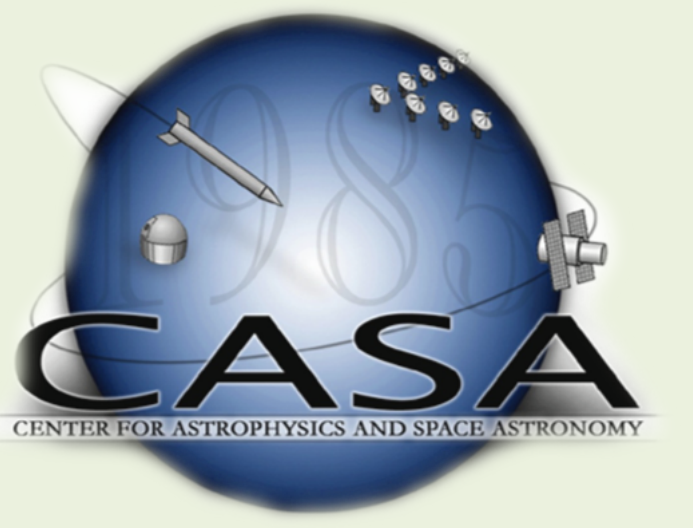




Stellar X-ray Variability and Cycles

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Many late-type stars have sufficient coverage by Chandra, XMM, and Swift to assess long-term coronal X-ray variability. Results: (1) Long-period, high-amplitude cyclic behavior is common among lower-activity stars, but “flat-activity” cases also seen; (2) Medium-activity stars, if cycling, tend to have shorter periods and lower amplitudes; (3) Highest activity (“saturated”) dMe stars, ultra-fast rotators, and RS CVn binaries lack systematic long-term trends, but suffer frequent flare outbursts in short term. Mix of high-contrast and flat-line coronal states at low L_X/L_{BOL} spoils any global correlations of cycle properties with activity level. [†]Thanks to SAO/CXO for grant support.

