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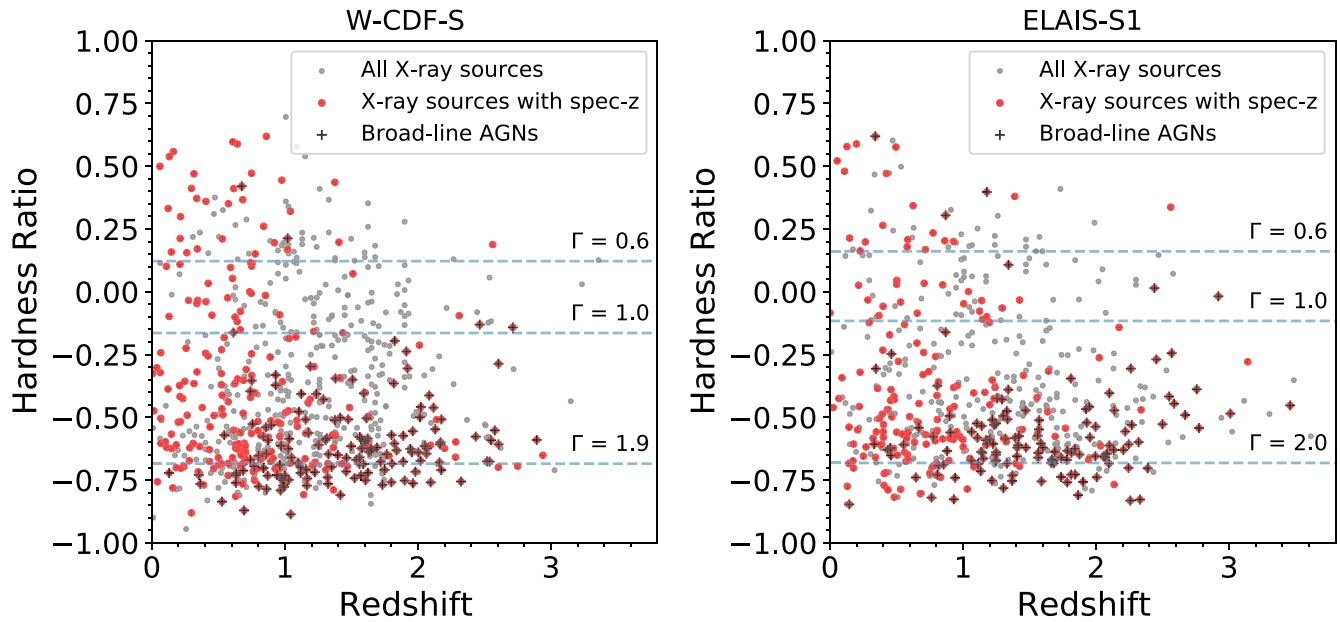


Figure 27. Hardness ratio vs. redshift for X-ray sources that are detected in both the soft and hard bands and have reliable redshift measurements (gray circles) in W-CDF-S (left) and ELAIS-S1 (right). Assuming a power-law spectrum modified by Galactic absorption, effective power-law photon indices can be derived from hardness ratios, which are utilized in AGN selection (objects with $\Gamma_{\text{eff}} \leq 1$ are classified as AGNs). X-ray sources with spec-z measurements are marked by the red circles; among these sources, BL AGNs are marked as black plus signs.

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