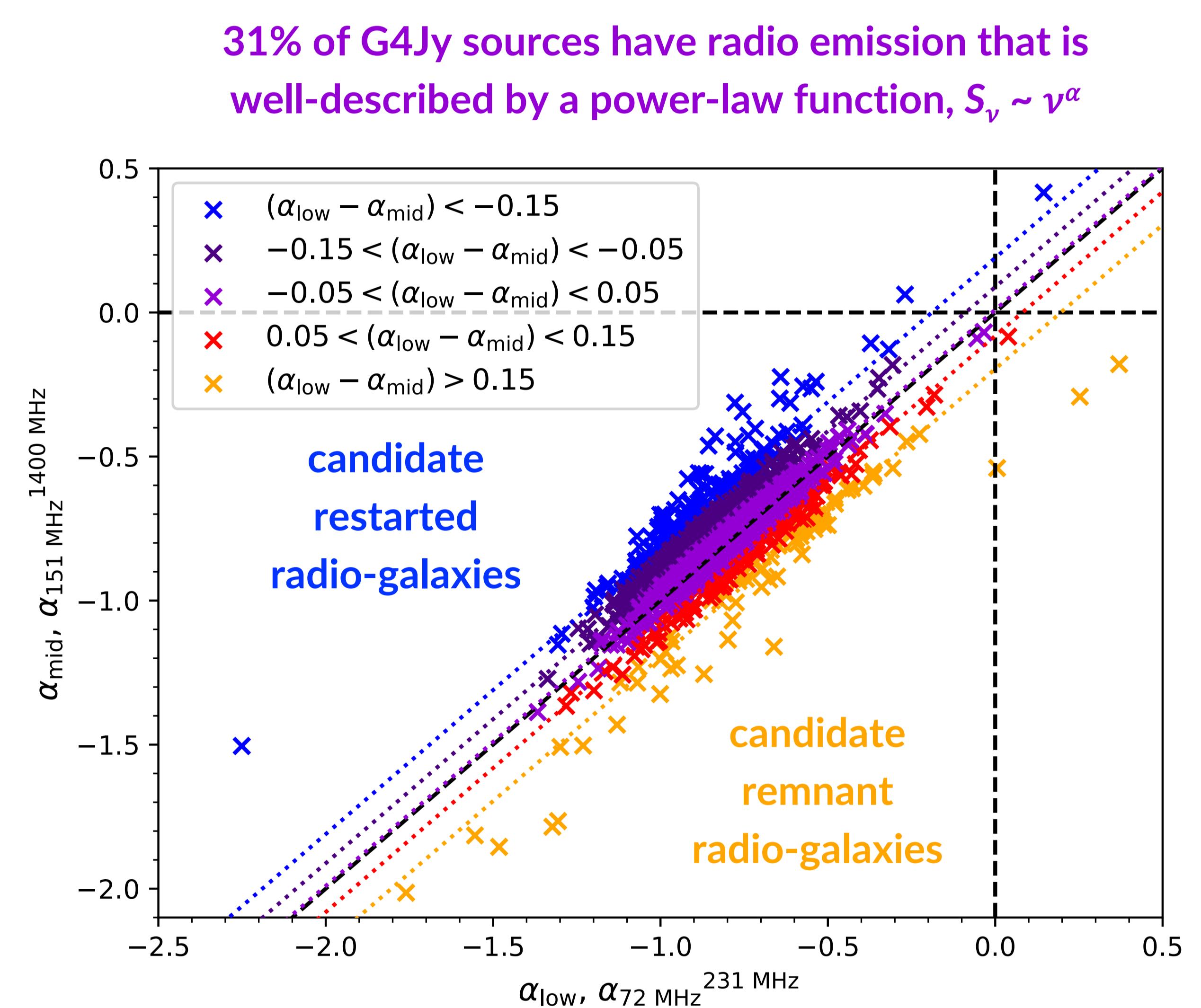
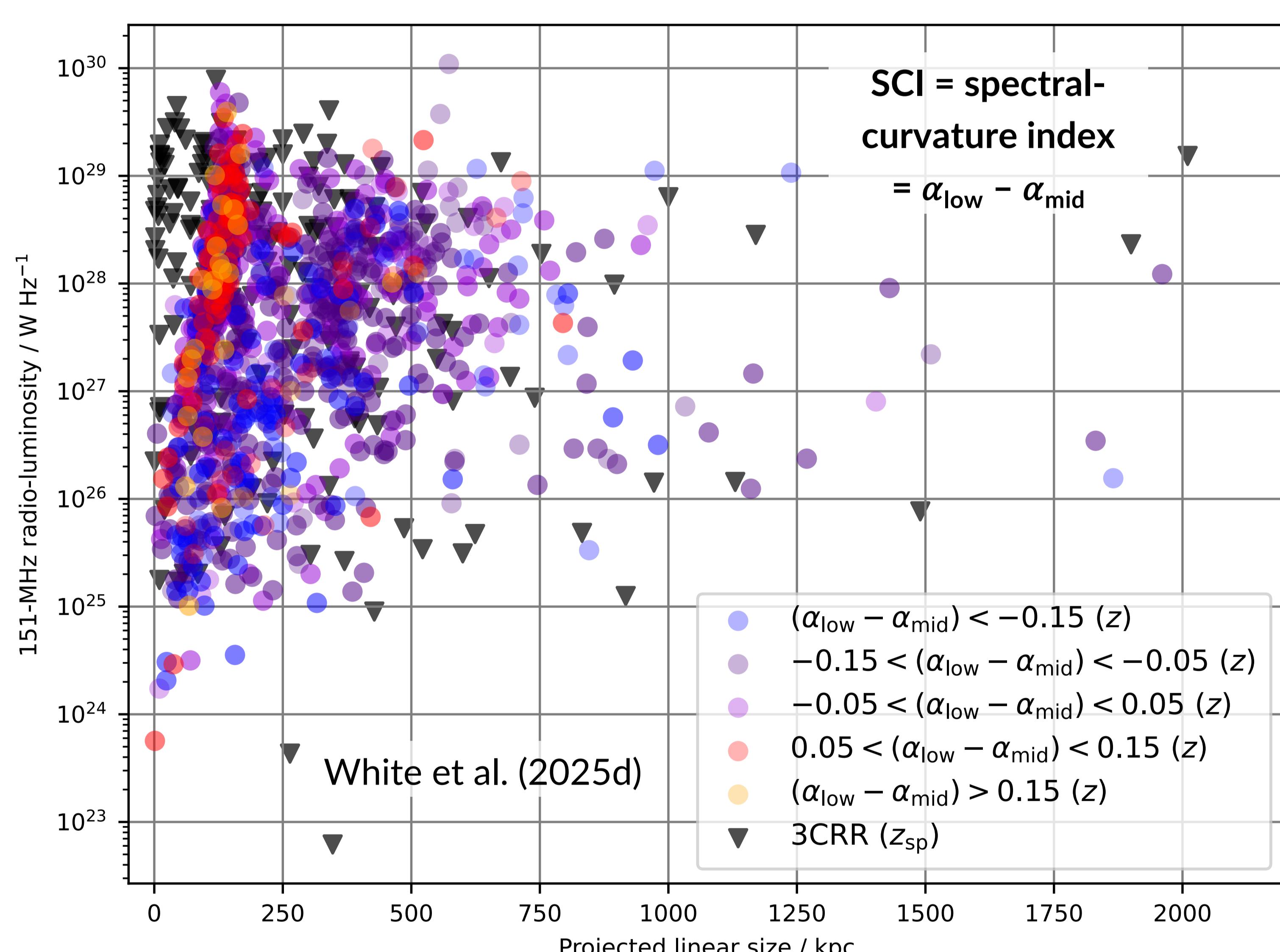


“We present (for the first time in the literature) the radio-power—size diagram as a function of radio spectral-curvature,  $[P—D](\text{SCI})$ . It shows an interesting predominance of candidate remnant radio-galaxies with  $D < 200 \text{ kpc}$  ... and a vast range of linear sizes for candidate restarted radio-galaxies”

## The GLEAM 4-Jy (G4Jy) Sample: IV. Multiwavelength data and analysis

Sarah White\* (SAAO), Precious Katlego Sejake, Kshitij Thorat, Heinz Andernach, Thomas Franzen, Ivy Wong, Anna Kapińska, Joseph Callingham, Chris Riseley, Nick Seymour, Randall Wayth, Lister Staveley-Smith, Rajan Chhetri, Natasha Hurley-Walker, John Morgan, Paul Hancock, Francesco Massaro, Abigail García-Pérez, Ana Jiménez-Gallardo, and Harold Peña-Herazo



The new ‘multiwavelength’ G4Jy catalogue, in addition to spectroscopy and images, can be found at <https://zenodo.org/communities/g4jy/records>



Meanwhile, we see no trends in spectral curvature across *WISE* colour-colour space nor  $K—z$  space. Such disconnect with the host galaxy suggests that an external factor influences the radio lifecycle of the source, such as gas availability

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Take a picture for keeping up-to-date on the sample

