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## Hosts of jetted narrow-line Seyfert 1 galaxies in near-infrared

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Abstract. Host galaxy morphology studies of jetted narrow-line Seyfert 1 galaxies (NLS1) are scarce. Although it seems that they are mostly hosted by late-type galaxies the results remain inconclusive, mostly due to the small sample size. Increasing the number of studied sources is crucial to achieve statistically significant results and to establish a preferred host type for jetted NLS1s. To this end we observed the host galaxies of nine NLS1s in near-infrared using NOTCam at the Nordic Optical Telescope. Seven of these sources are jetted based on the 37 GHz observations at Metsähovi Radio Observatory, Finland. To determine the morphological types of the hosts we performed photometric decomposition of the near-infrared images using GALFIT. Here we present the results of the host galaxy modelling, discuss the importance of this study to our understanding of the nature of the diverse NLS1 population, as well as its significance and implications for active galactic nuclei research in general.

**Keywords.** galaxies: active, galaxies: morphology, galaxies: properties

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