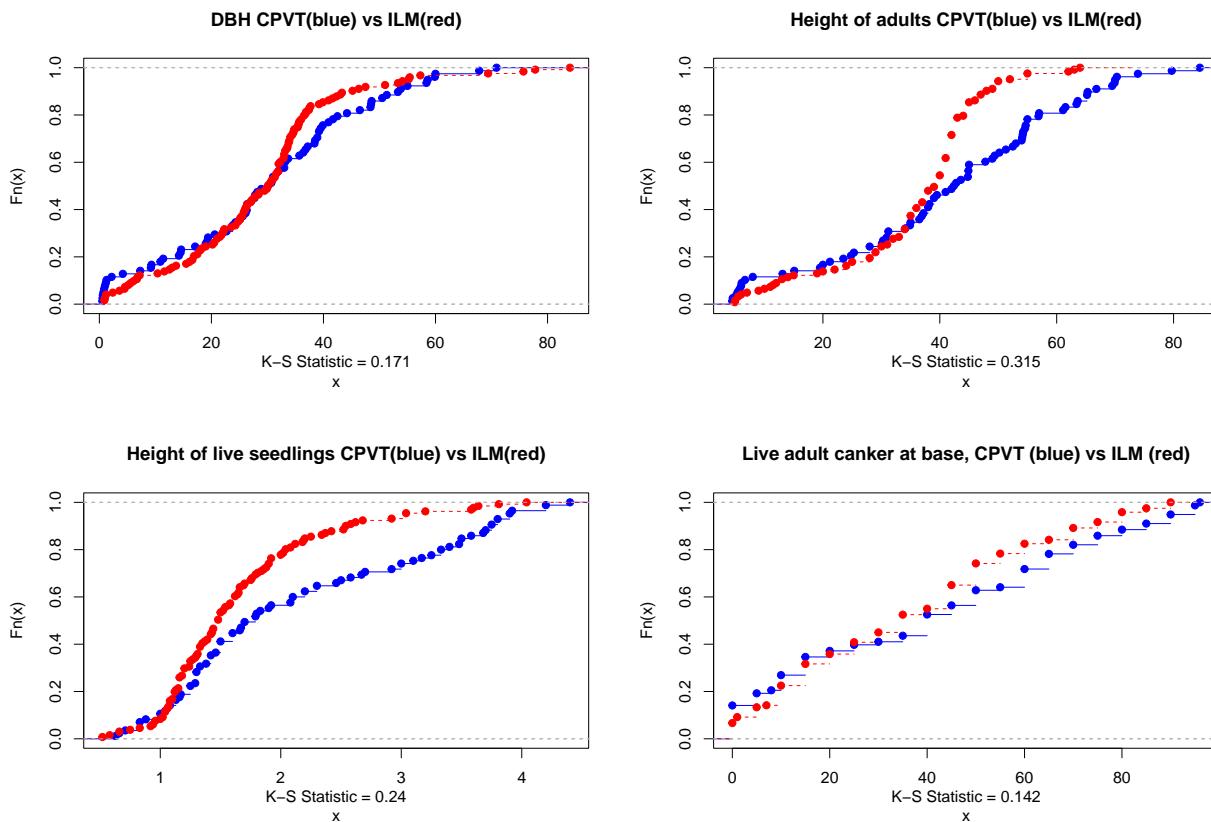


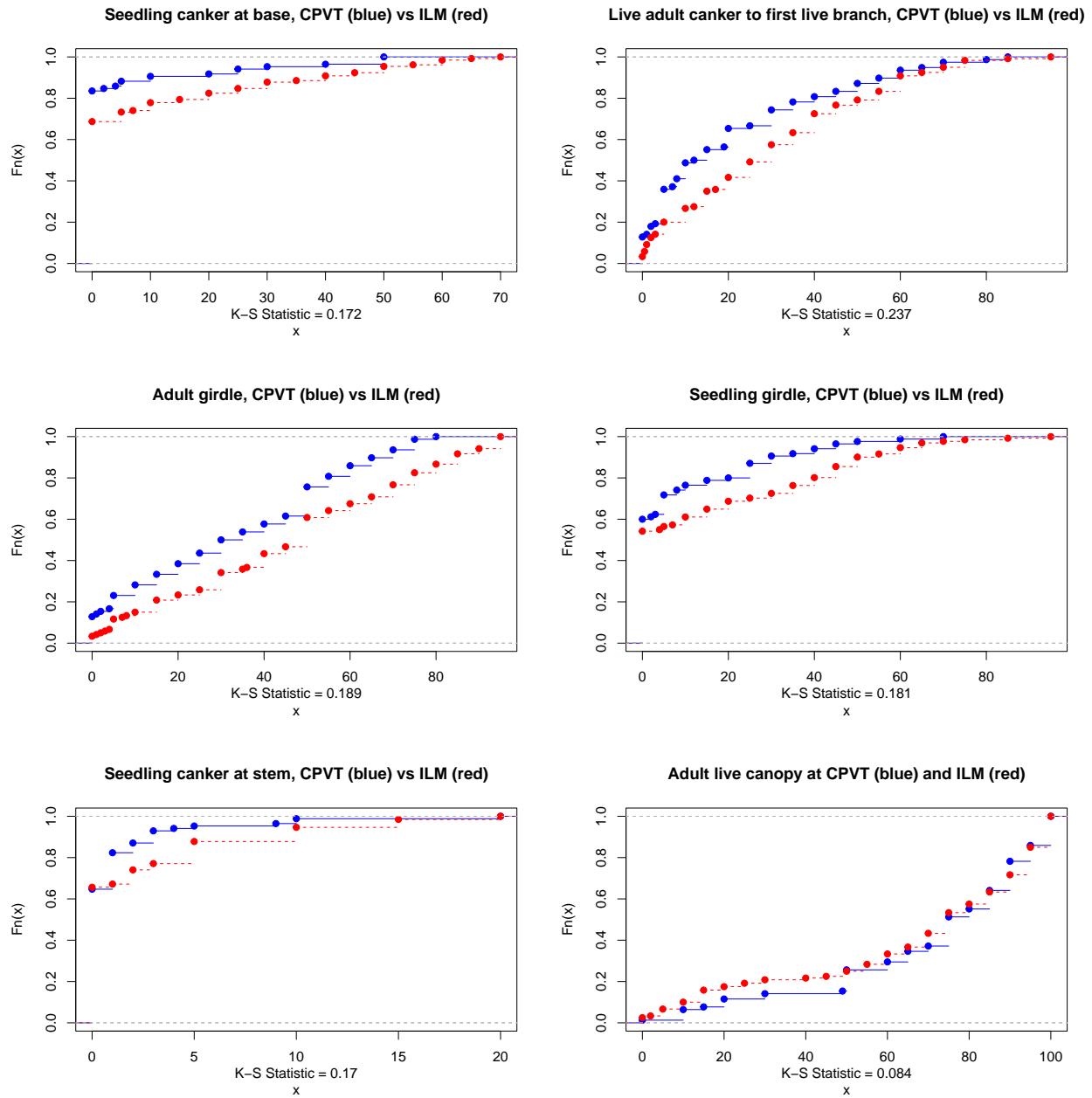
# 25\_10\_23\_Kolmogorov-Smirnov Testing

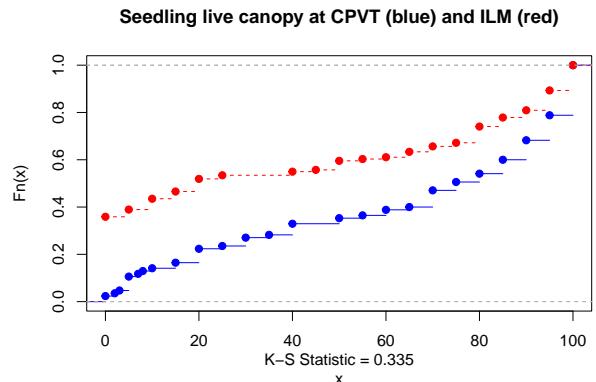
Catherine dell'Olio

2025-10-23

The goal of this project is to determine if the distributions of key variables in our 08\_15 Butternut Health Assessment are in similar distributions at two key sites (ILM and CPVT). Specifically, we will see if the spread of: - dbh (adults) - height (adults and seedlings) - canker at base (adults and seedlings) - canker to 1st live main branch for adults - girdle (adults and seedlings, CPVT vs ILM) - canker on stem of seedlings - percent live canopy (seedlings and adults, CPVT vs ILM) - ... follow similar patterns







Perhaps slightly iffy on Adult live canopy where  $p=0.084$ , but otherwise, these distributions are pretty similar across the two sites!

Thank you for your time.