

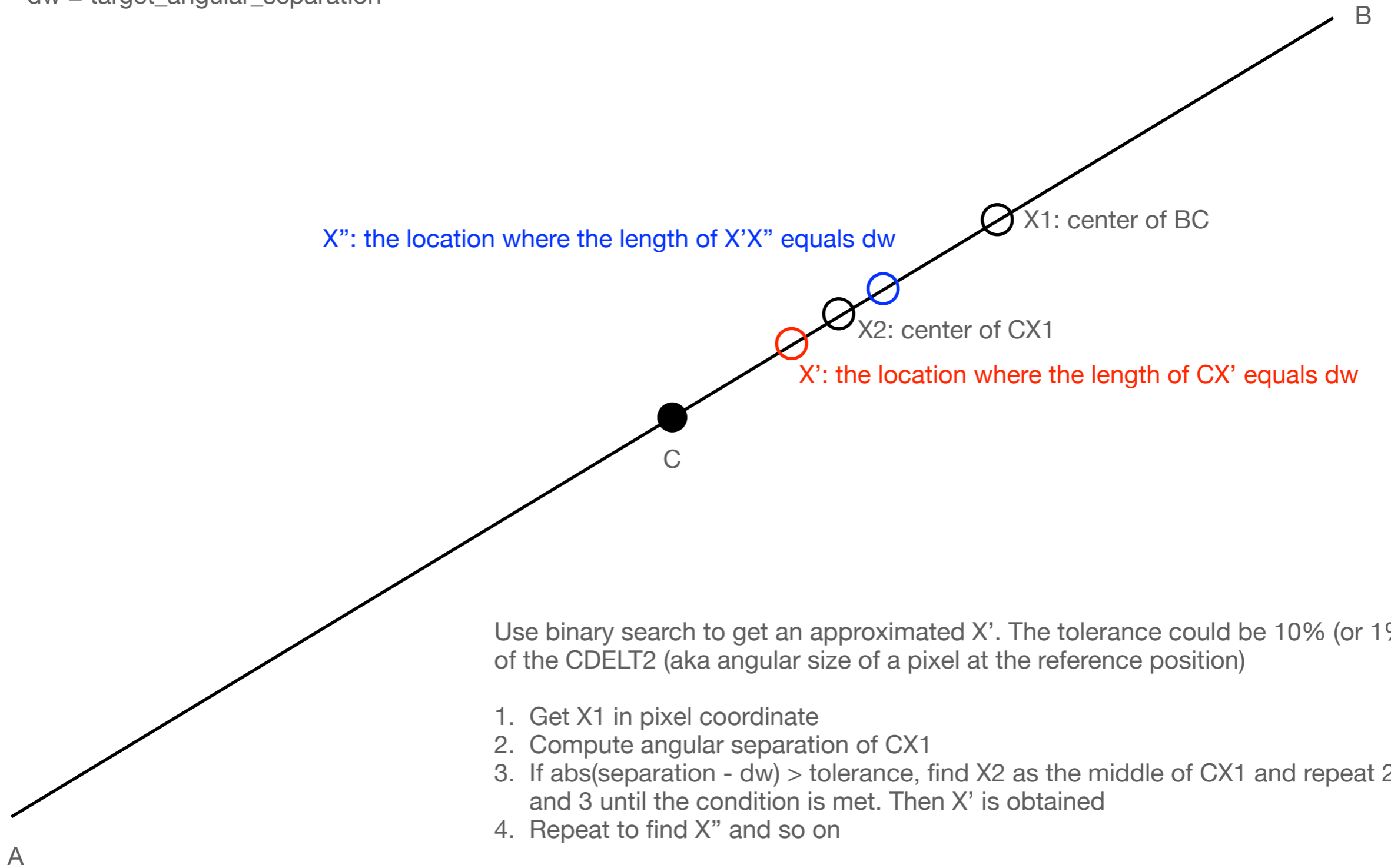
Sample a pv cut
with a fixed angular separation

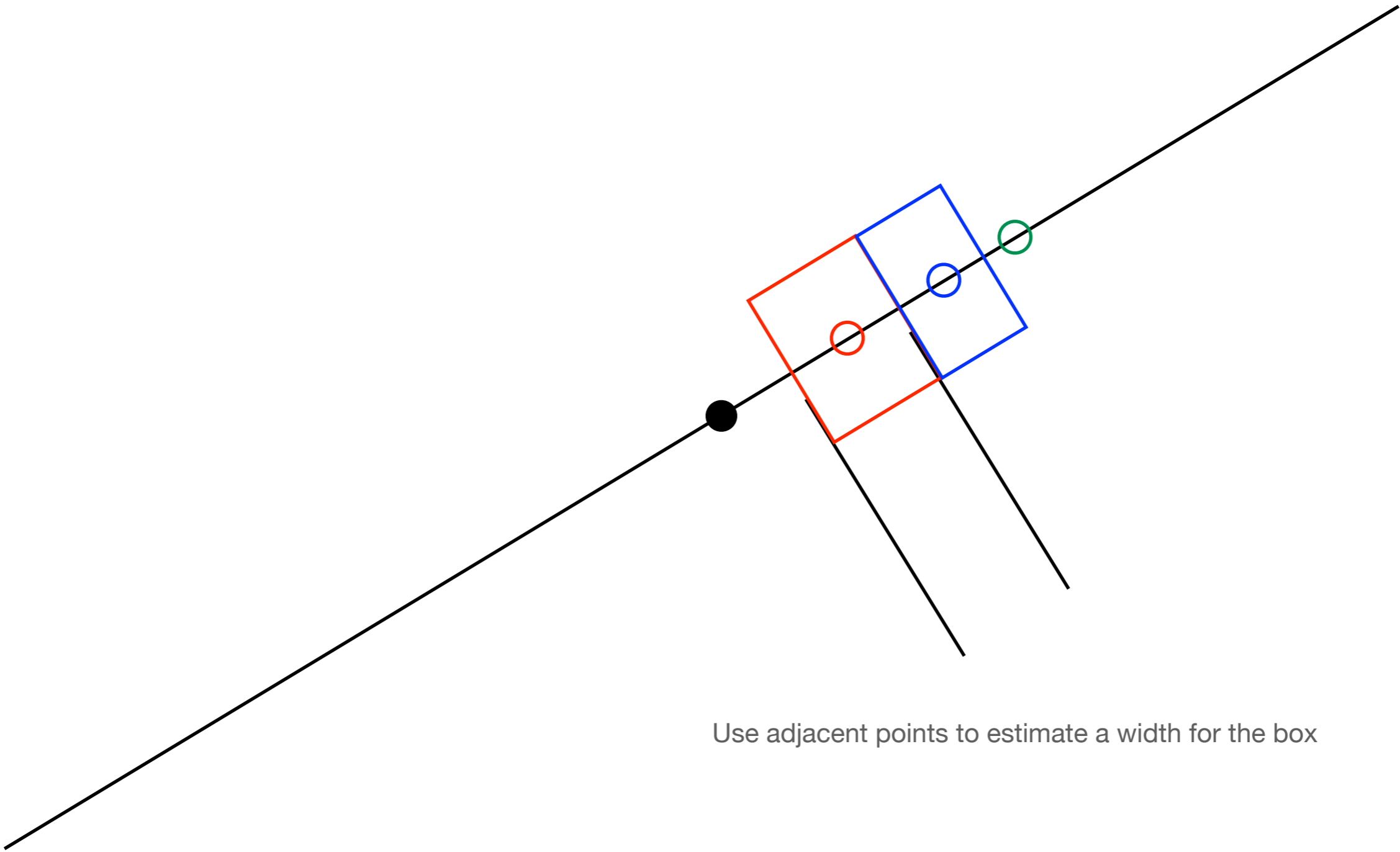
PV cut sampling

Fixed n_pixel vs fixed angular separation

- Fixed n_pixel:
 - Easy to generate a set of box regions for the pv generator
 - Need tabular axis in the header to handle wide field images as those do not have a uniform pixel-to-angular size conversion factor at different parts of the image.
- Fixed angular separation
 - Can use regular FITS header to define the offset axis
 - Calculating the set of box regions for the pv generator is tricky and might be slow

$dw = \text{target_angular_separation}$





Use adjacent points to estimate a width for the box

