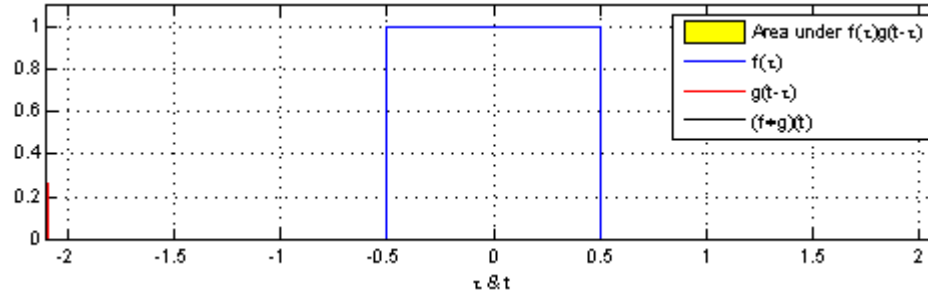
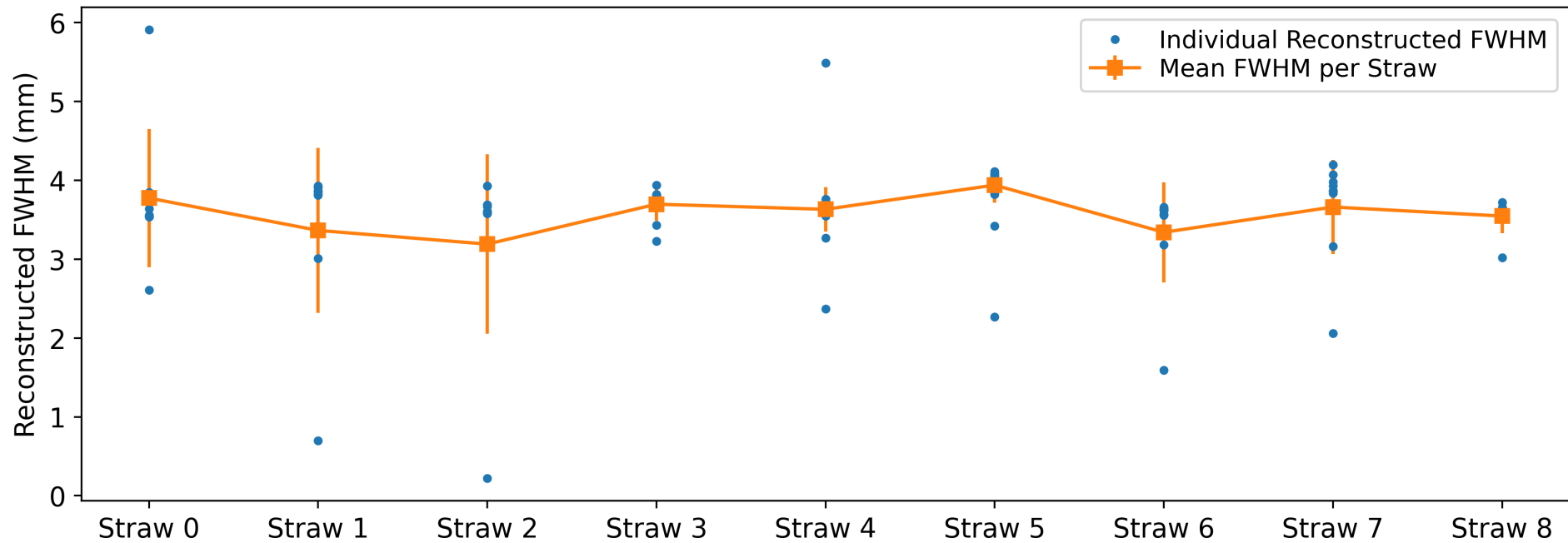


- Straw measuring beam spot (\sim Gaussian) is convolution of straw (\sim top hat function) and beam $\rightarrow f * g = h$



- Can obtain the original beam distribution by deconvolution (by assuming negligible measurement error)
- Simplifies to:
 - 1) Fourier transform $f * g = h \rightarrow FG = H$
 - 2) $F = H/G \rightarrow f = \text{InvFT}(F)$
- We can then compute the FWHM of the beam spot



Compare to FWHM of interpolation: 2.5 to 3 mm