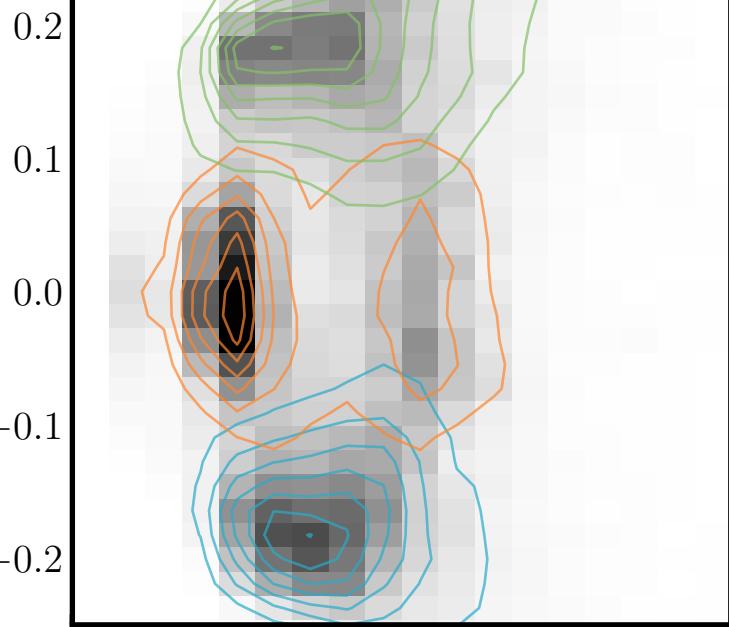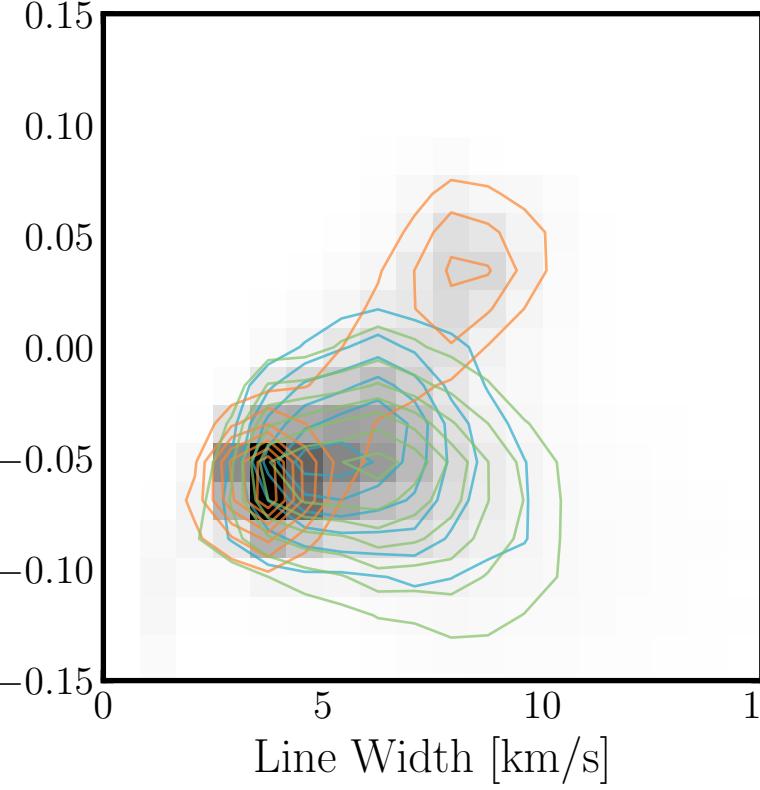Component Distribution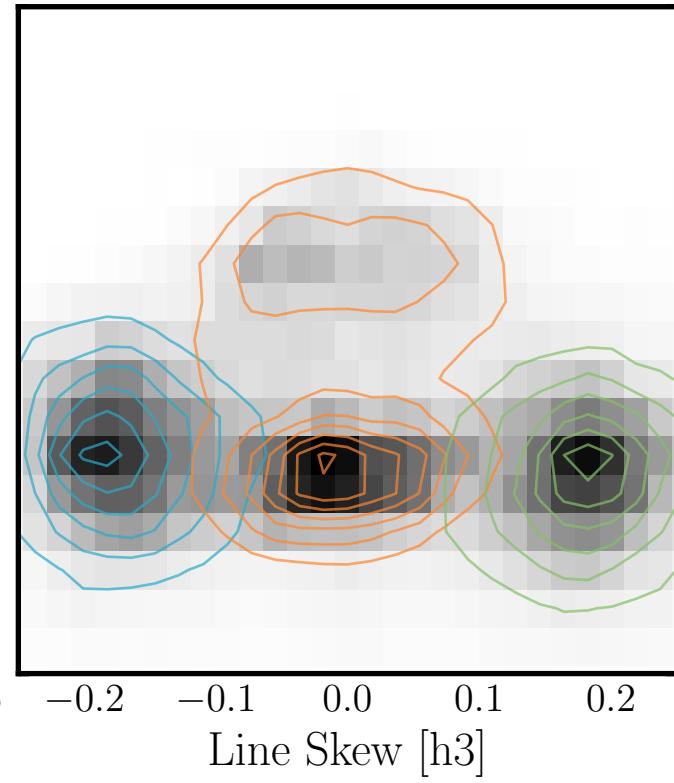s