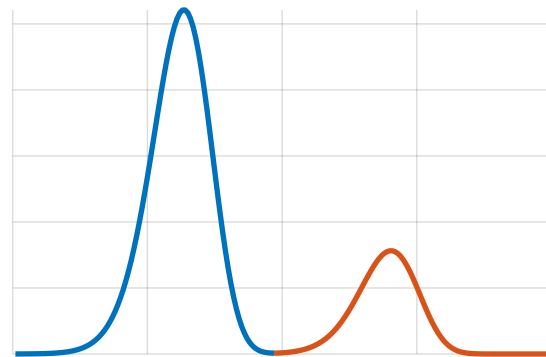
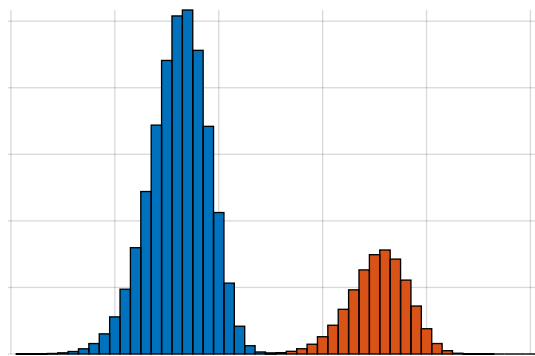


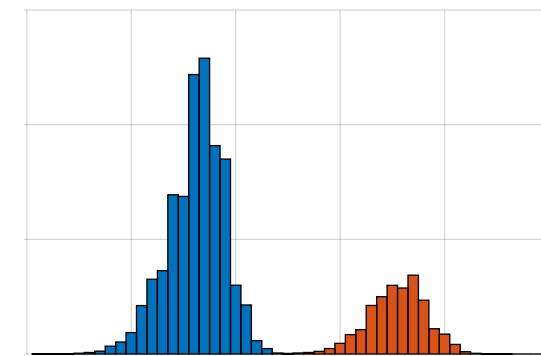
1. convert to bulk
while conserving moments



2. discretize



3. microphysics



4. diagnose moments

$$\begin{matrix} M_3, M_0 \\ (M_x, M_y) \end{matrix}$$

5. non-MP processes
adv, div, etc.

$$\begin{matrix} M'_3, M'_0 \\ (M'_x, M'_y) \end{matrix}$$

$$M_k = \sum_{D_{min}}^{D_{max}} N(D) D^k d\log D$$