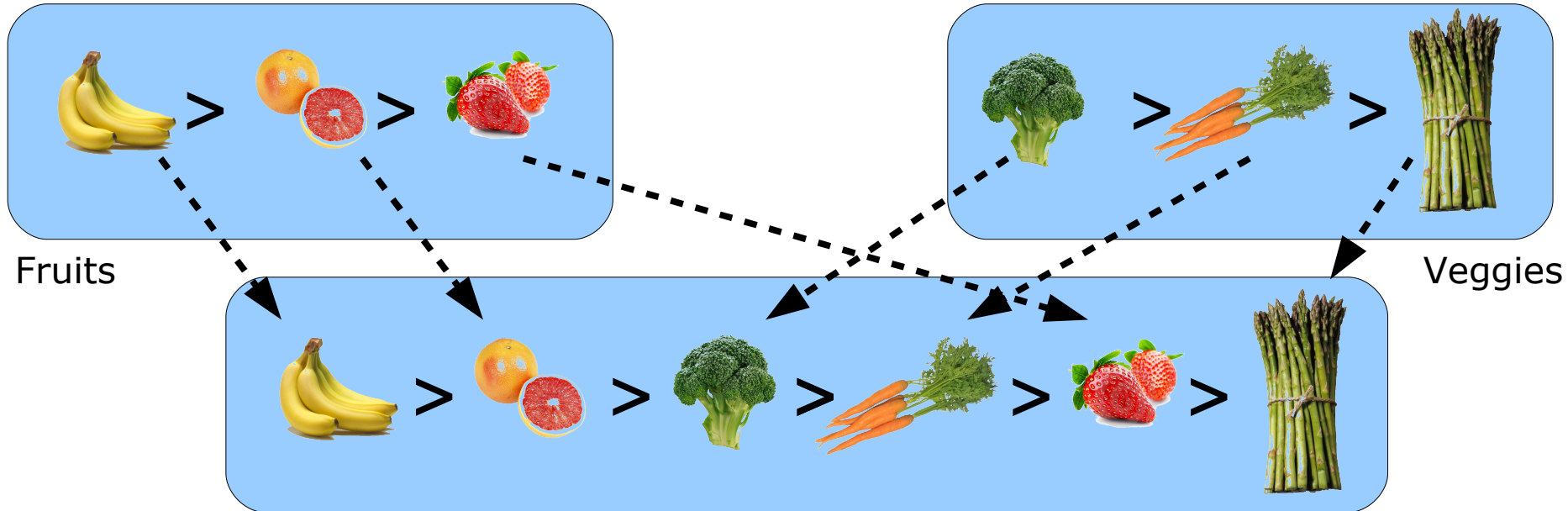


Riffled Independence for Ranked Data

Jonathan Huang

Carlos Guestrin

1. Draw Fruits, Vegetable ranks **independently**



2. Draw **interleaving** to form full ranking

● Riffled Independence Assumptions can:

- Hold in real data
- Be more appropriate than full independence for rankings
- Be exploited for efficient inference, low sample complexity