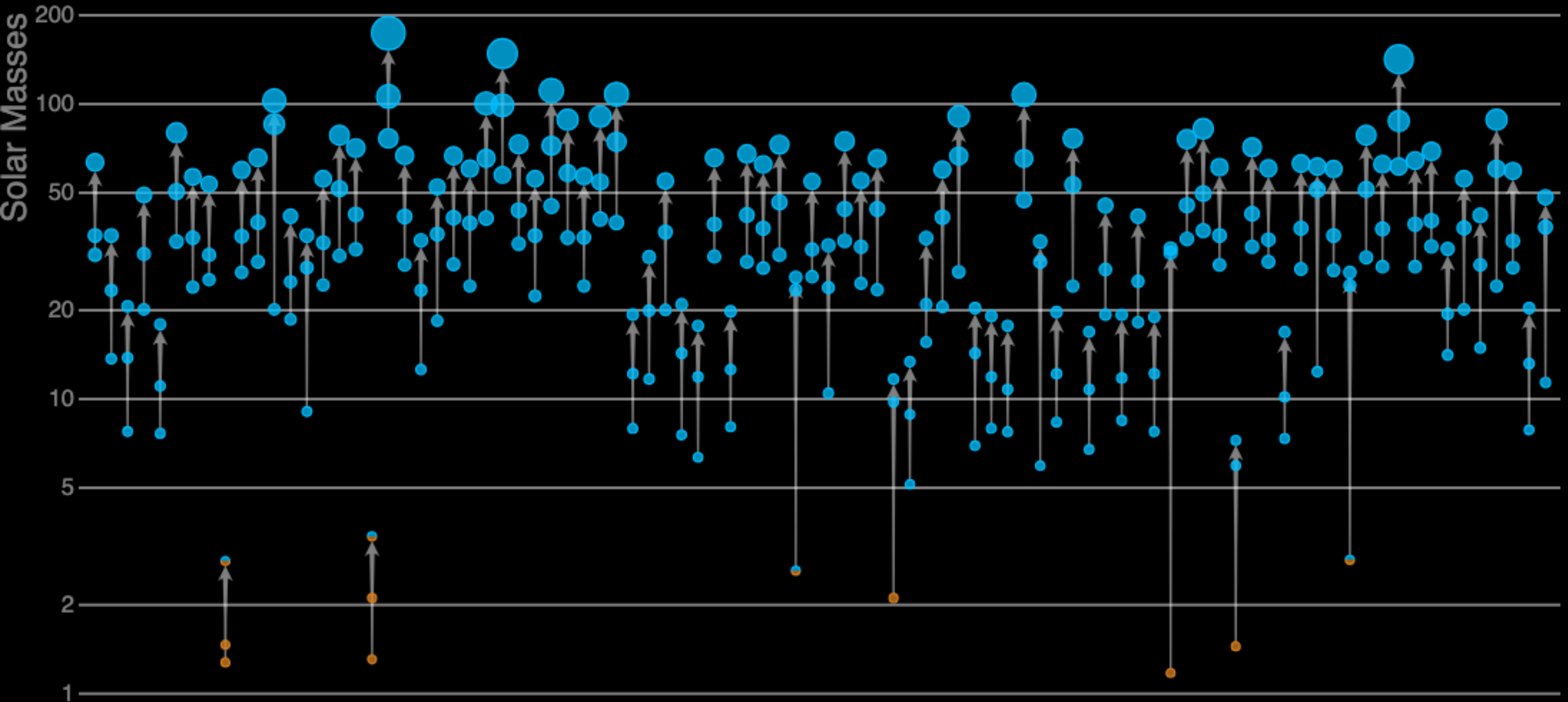
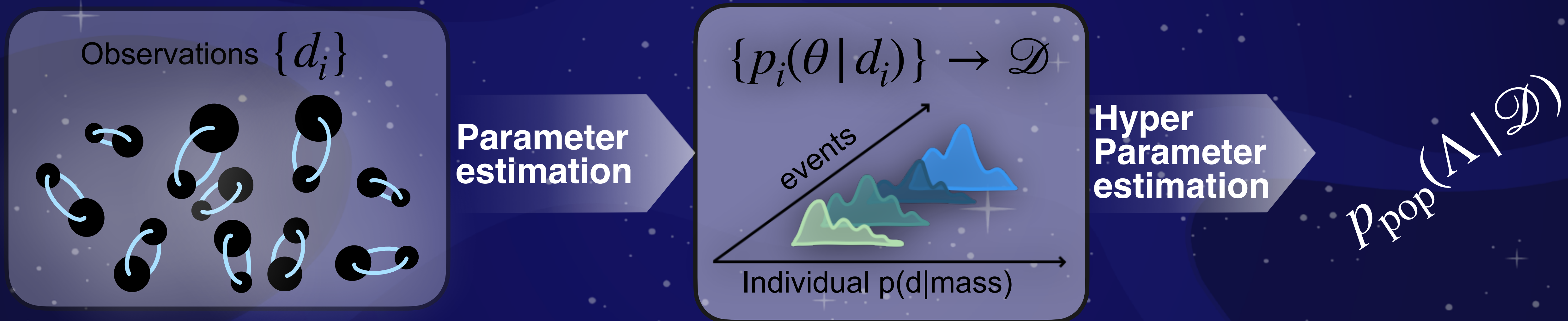


Since 2015 we've detected  $\mathcal{O}(100)$  signals



# Population Analysis

*What population properties  $\Lambda$  best describe ALL our observations?*



$$p_{\text{pop}}(\Lambda | \mathcal{D}) = \frac{L_{\text{pop}}(\mathcal{D} | \Lambda) \pi_{\text{pop}}(\Lambda)}{Z_{\text{pop}}}$$