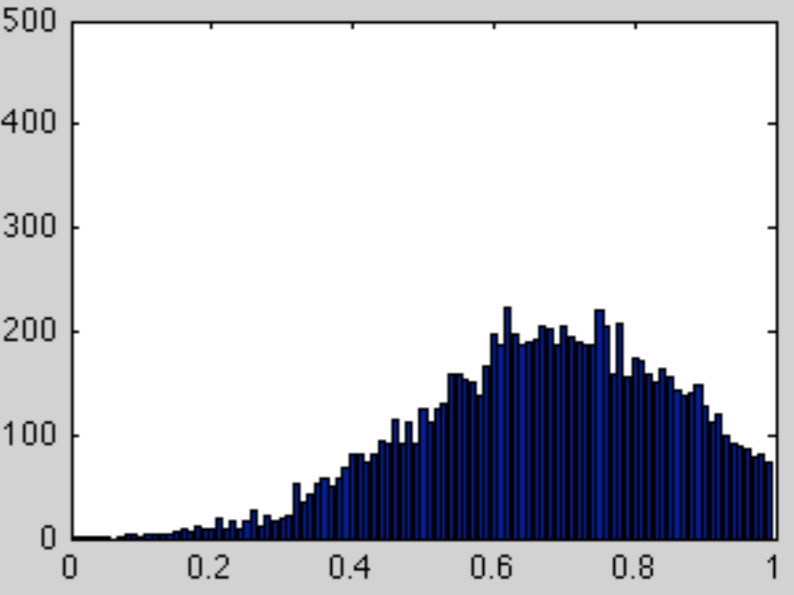
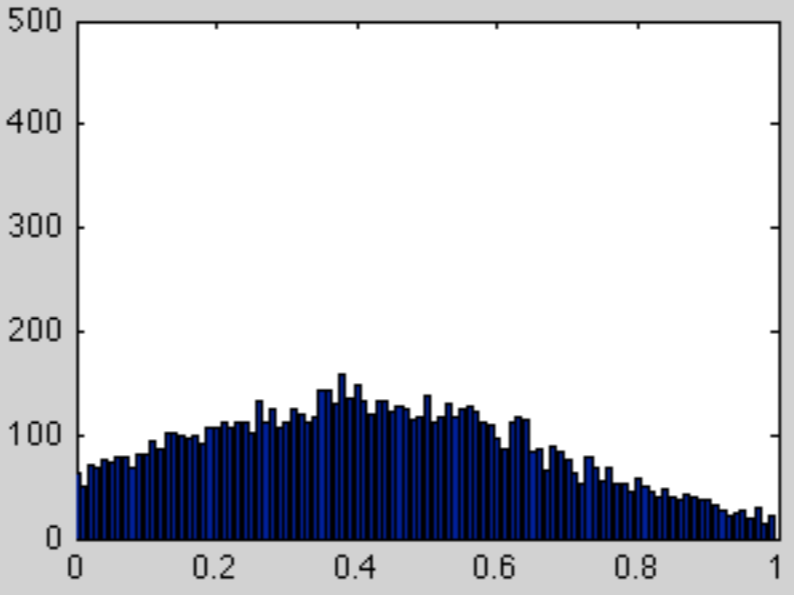
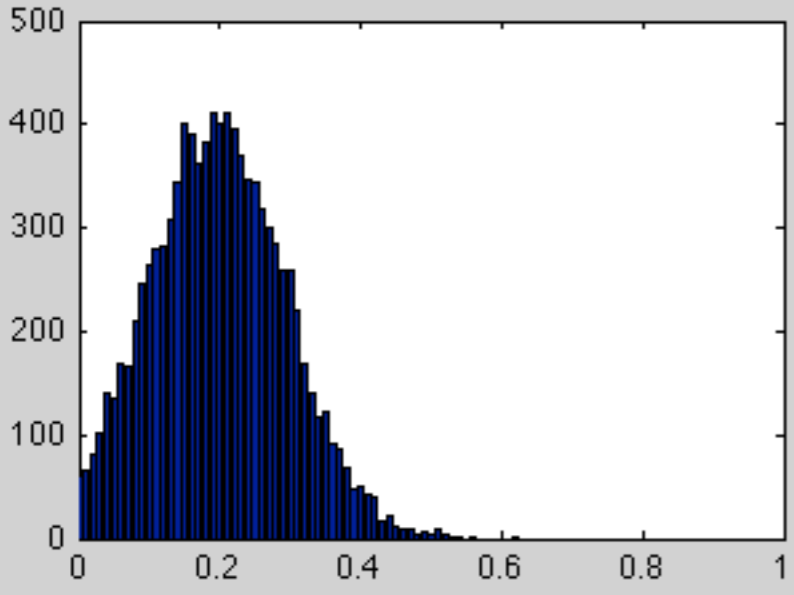
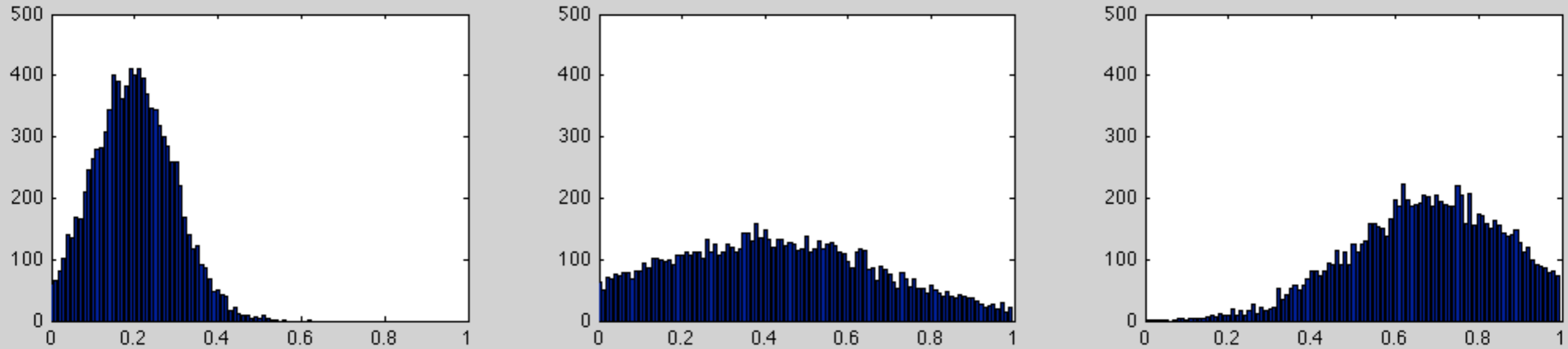


Parameter estimation on multiple GW detections: yield a set of individual marginalized posterior probability density functions

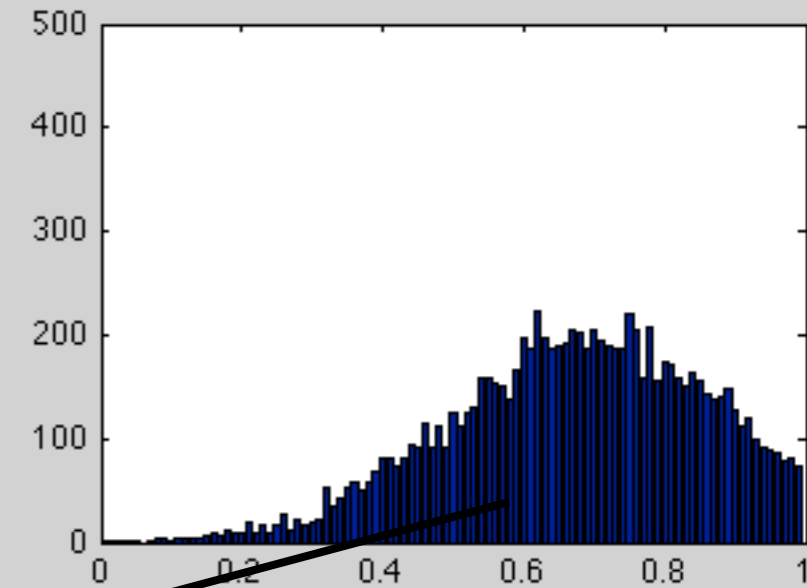
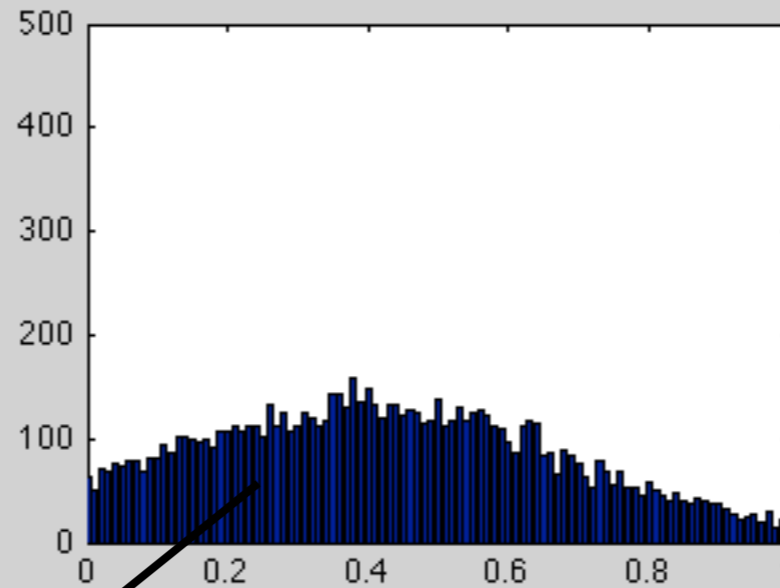
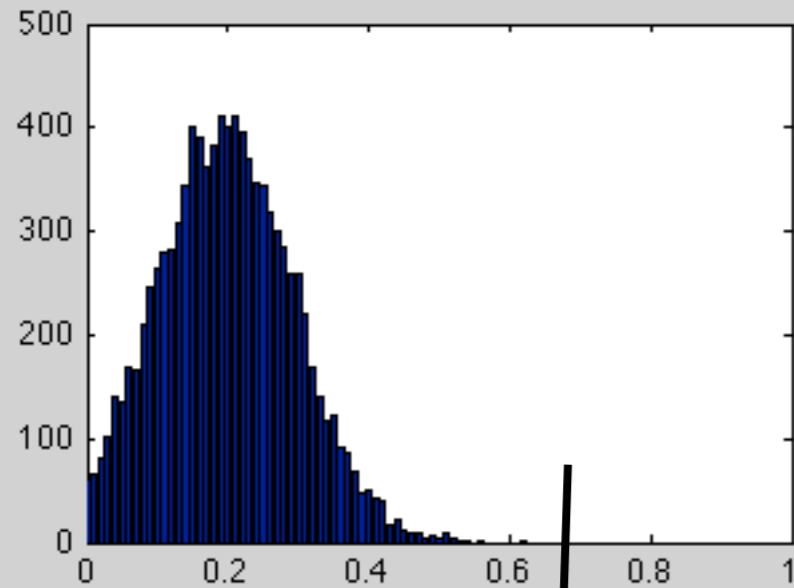


Parameter estimation on multiple GW detections:
yield a set of individual marginalized posterior probability density functions



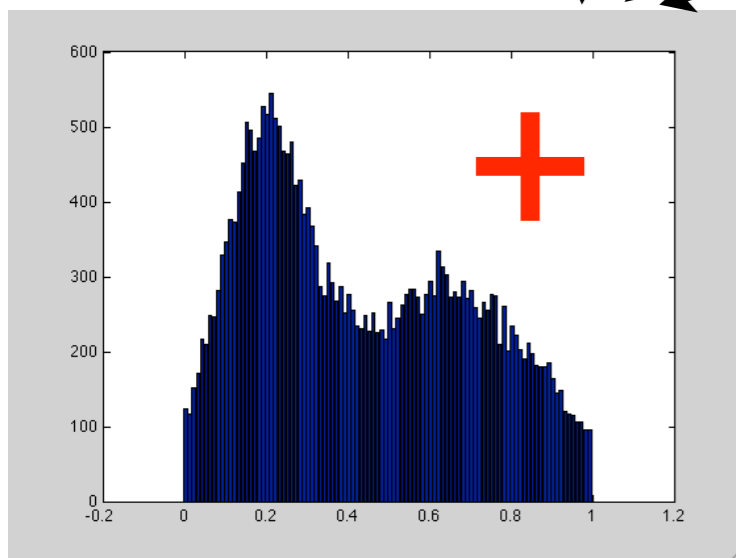
How do we combine these to make a statement about parameter distribution of the population being sampled?

Parameter estimation on multiple GW detections:
yield a set of individual marginalized posterior probability density functions

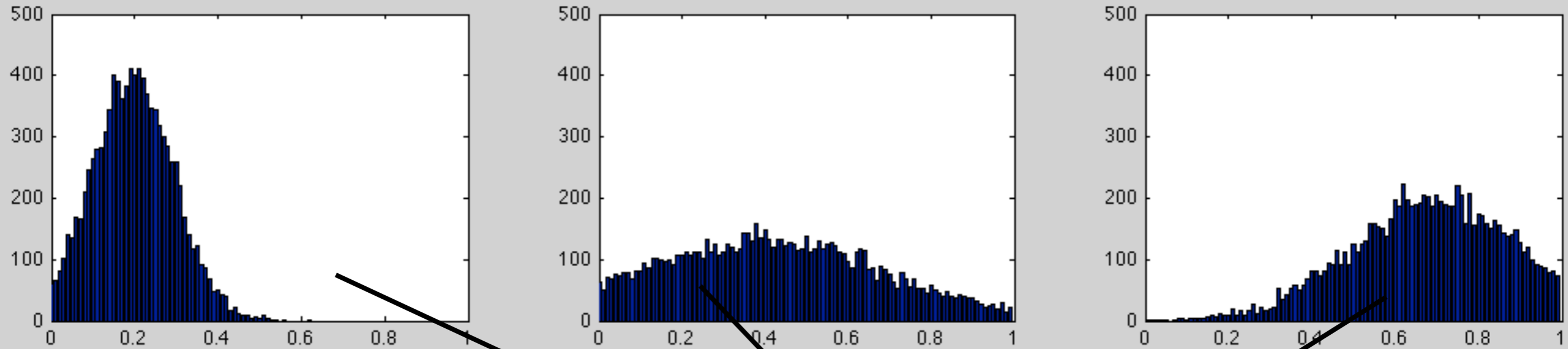


POLL: How do we combine these to make a statement about parameter distribution of the population being sampled?

A: Add them?



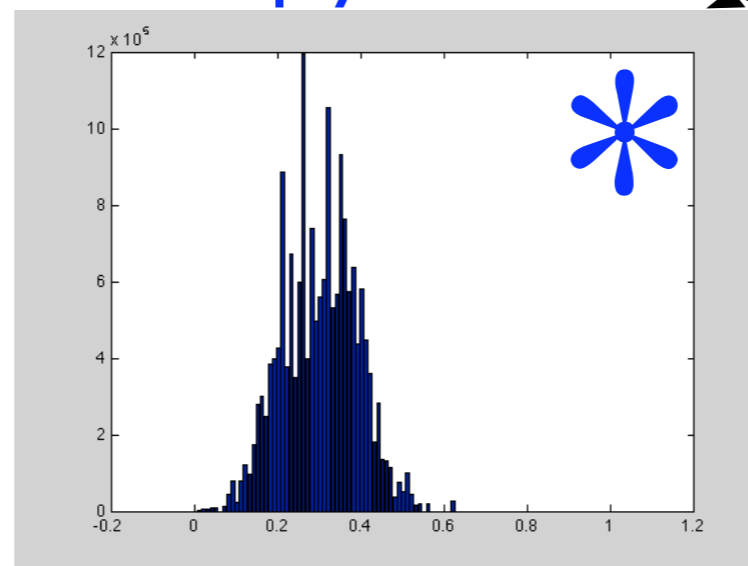
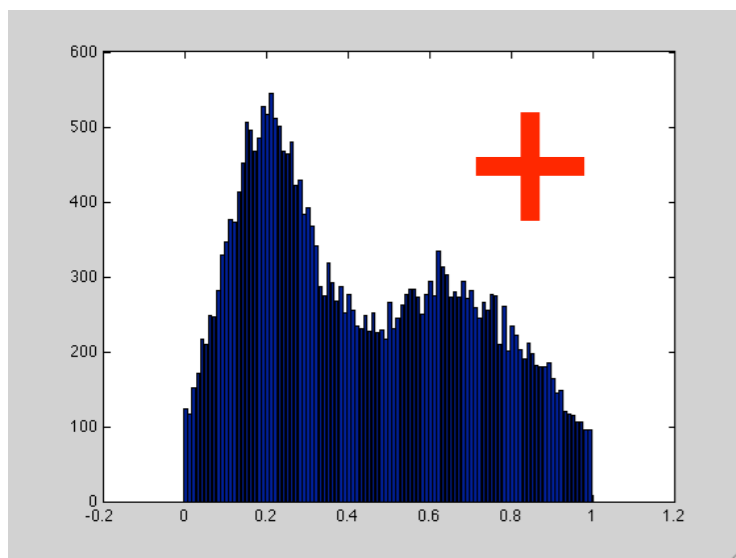
Parameter estimation on multiple GW detections: yield a set of individual marginalized posterior probability density functions



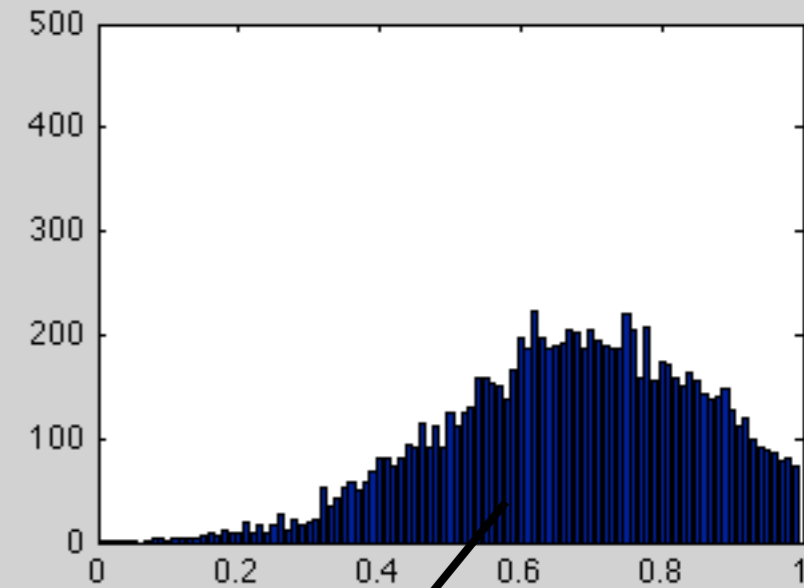
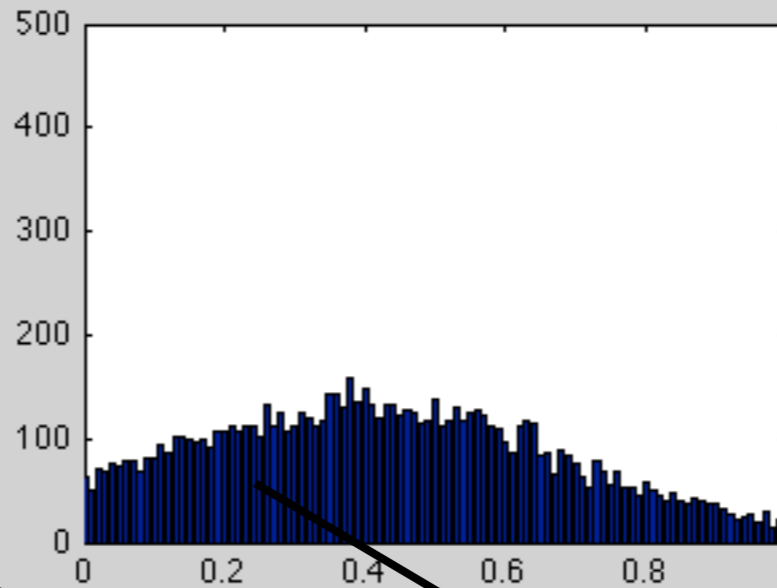
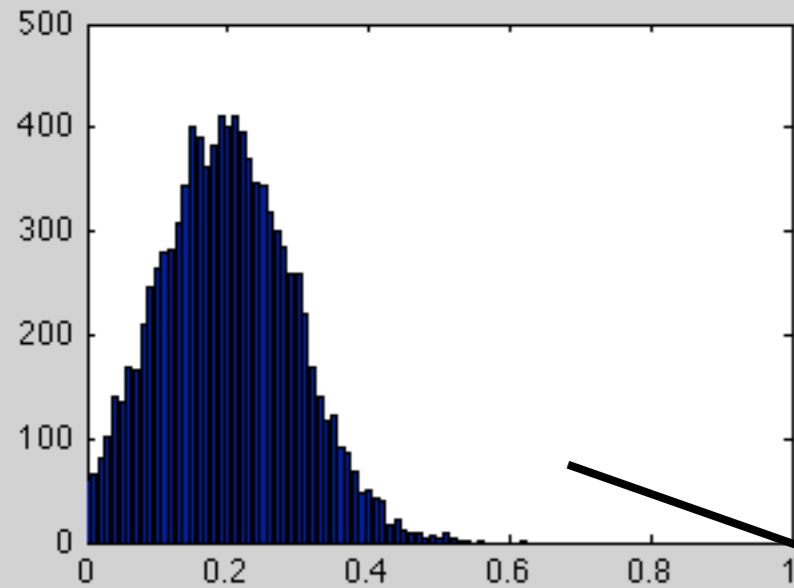
POLL: How do we combine these to make a statement about parameter distribution of the population being sampled?

A: Add them?

B: Multiply them?

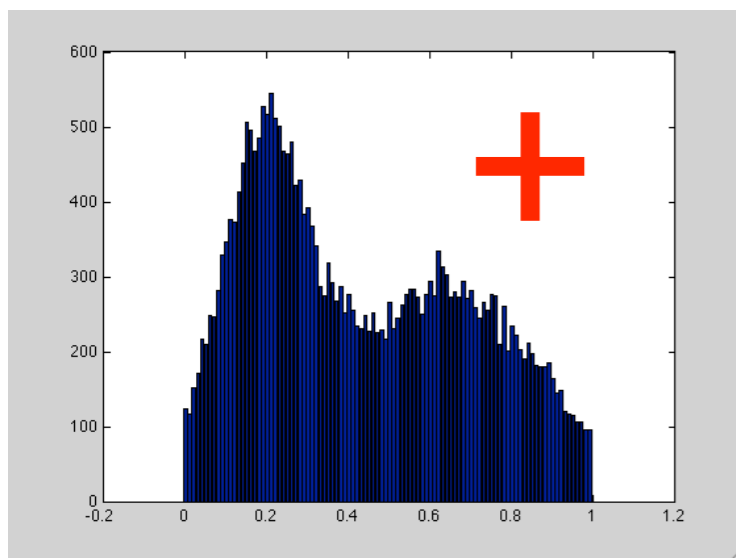


Parameter estimation on multiple GW detections: yield a set of individual marginalized posterior probability density functions

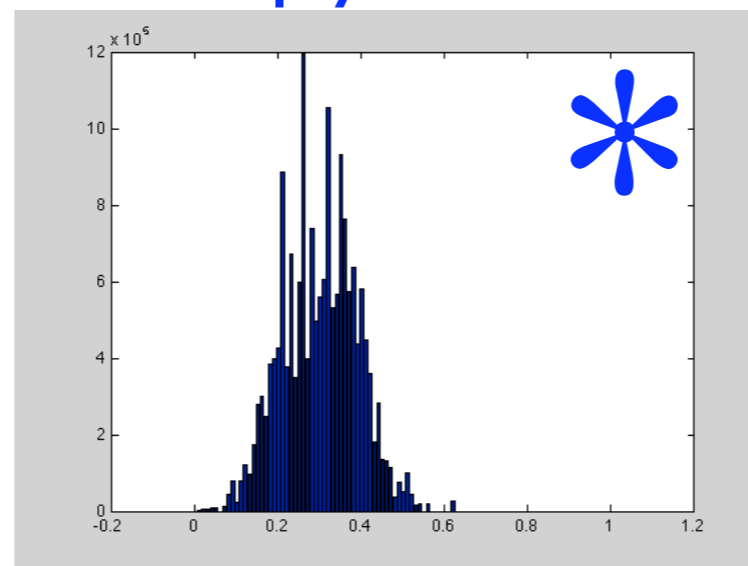


POLL: How do we combine these to make a statement about parameter distribution of the population being sampled?

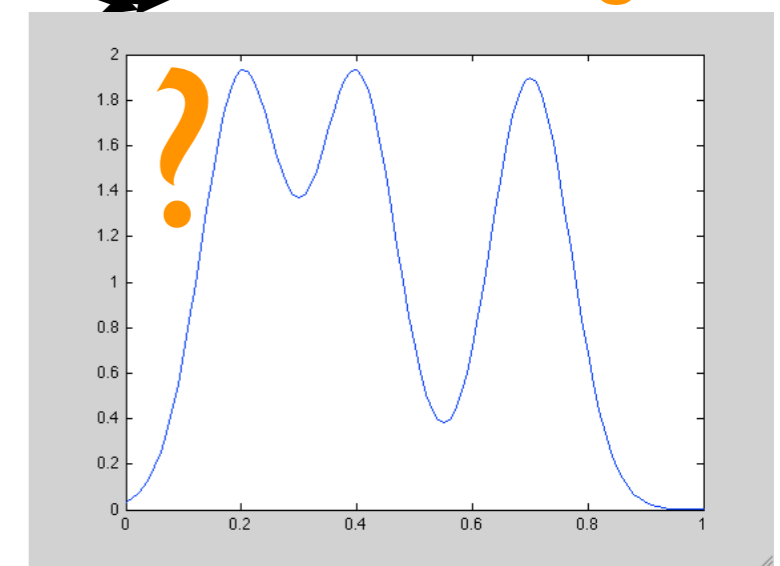
A: Add them?



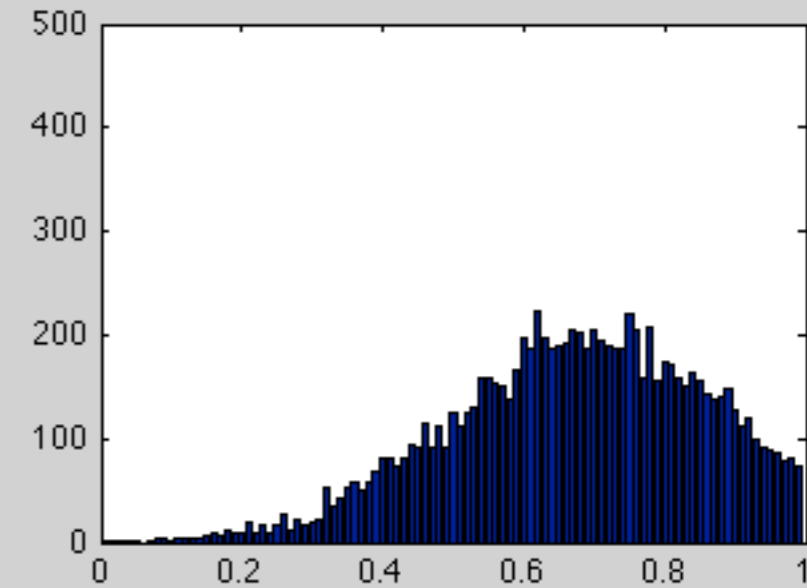
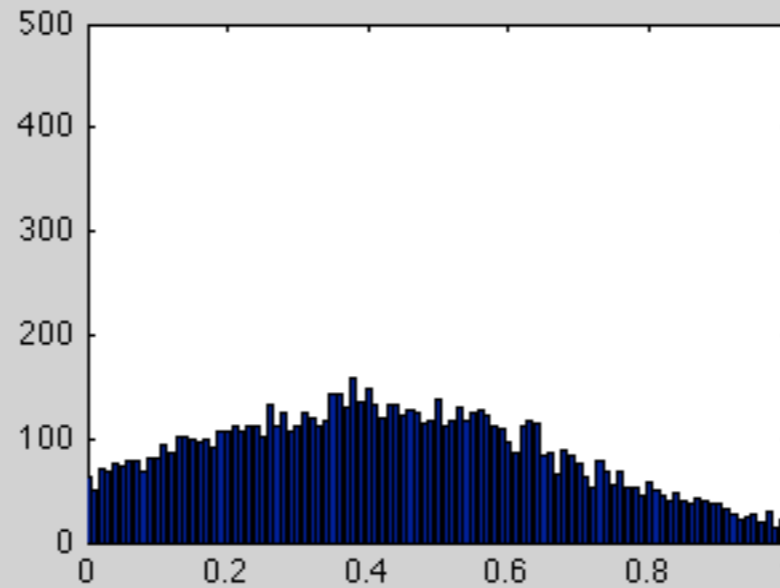
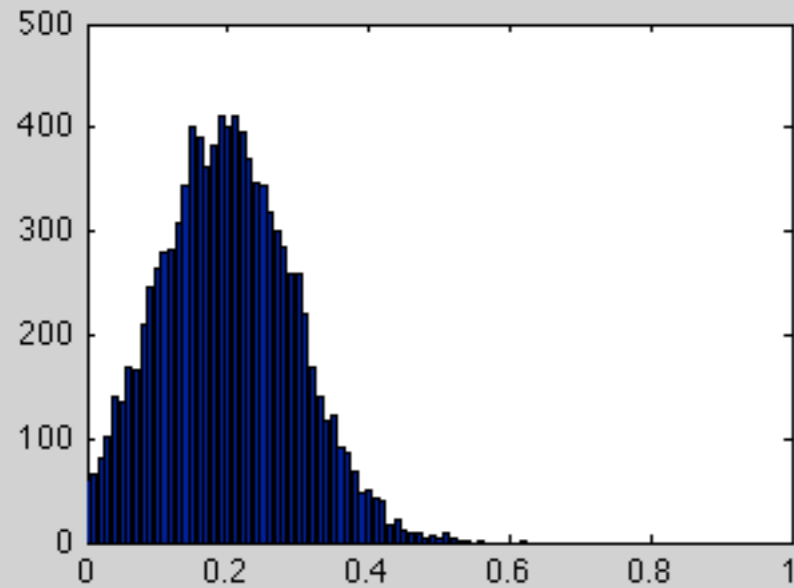
B: Multiply them?



C: Something else?

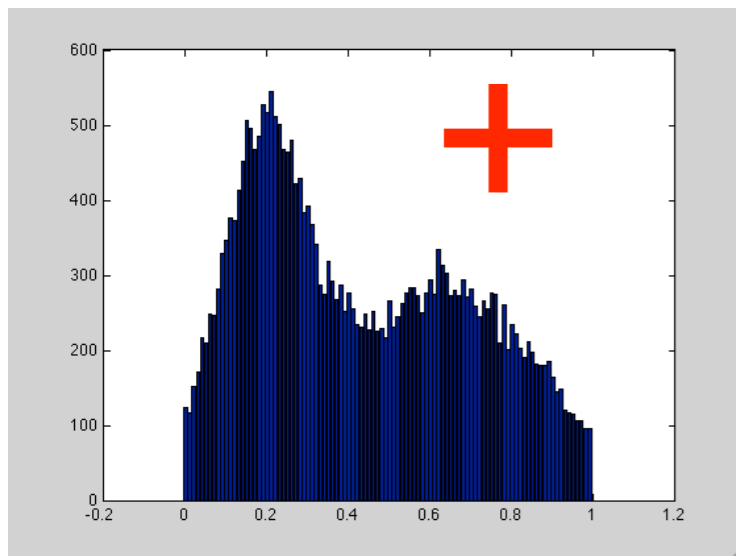


Parameter estimation on multiple GW detections: yield a set of individual marginalized posterior probability density functions

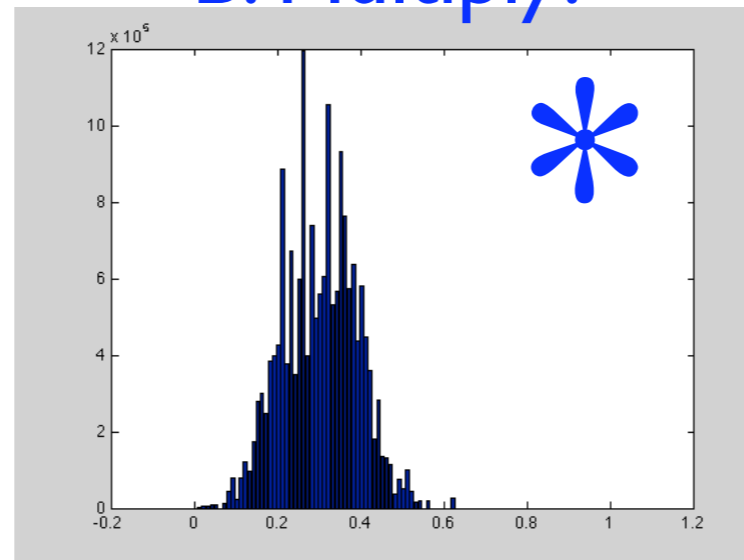


POLL: How do we combine these to make a statement about parameter distribution of the population being sampled?

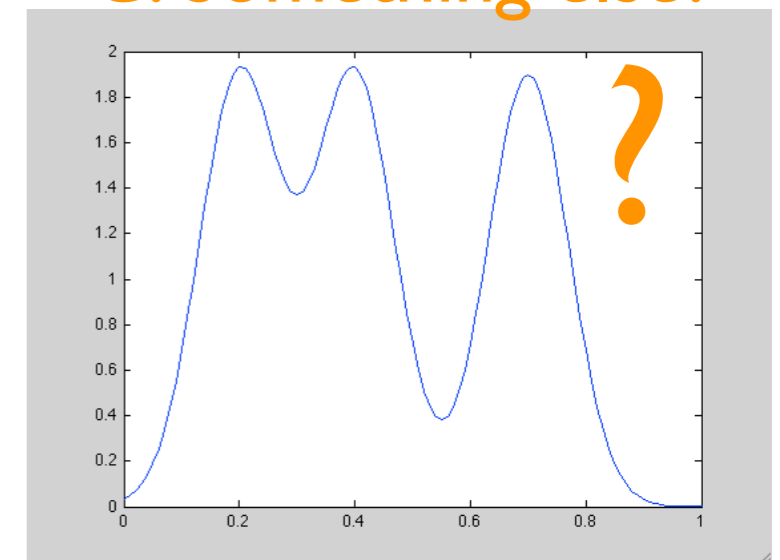
A: Add?



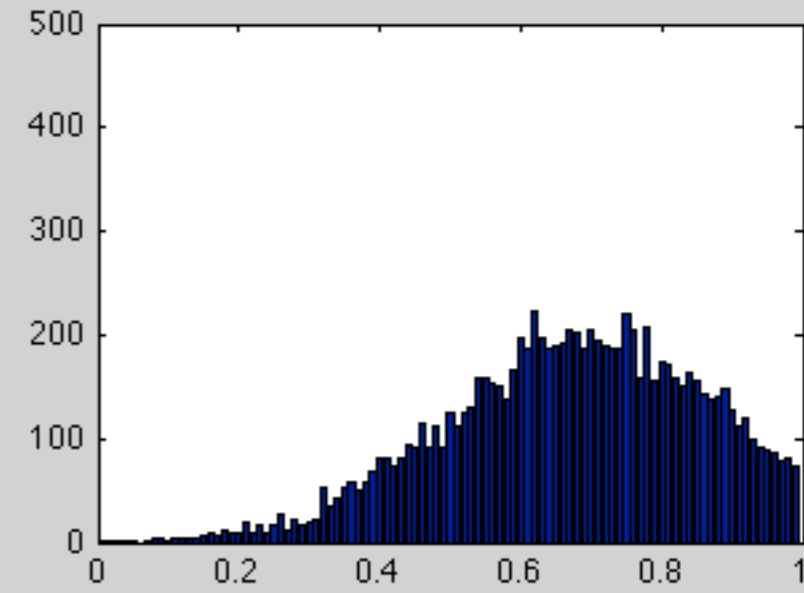
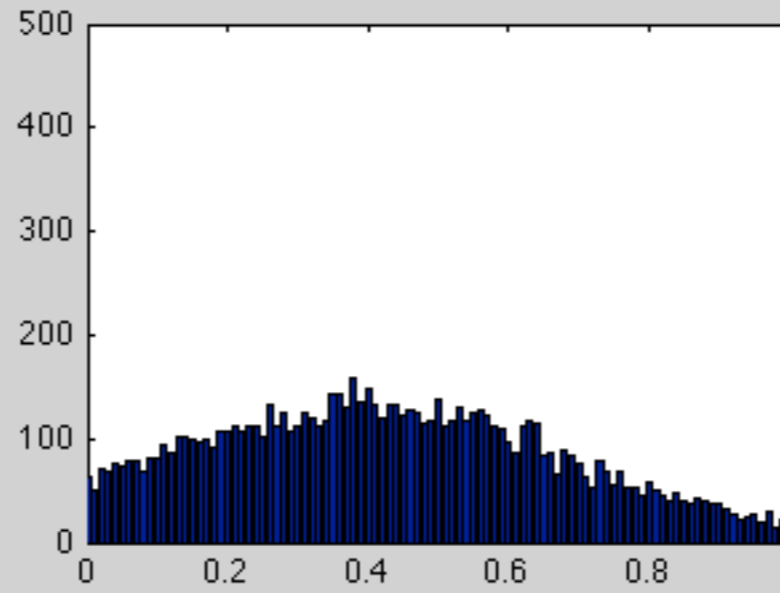
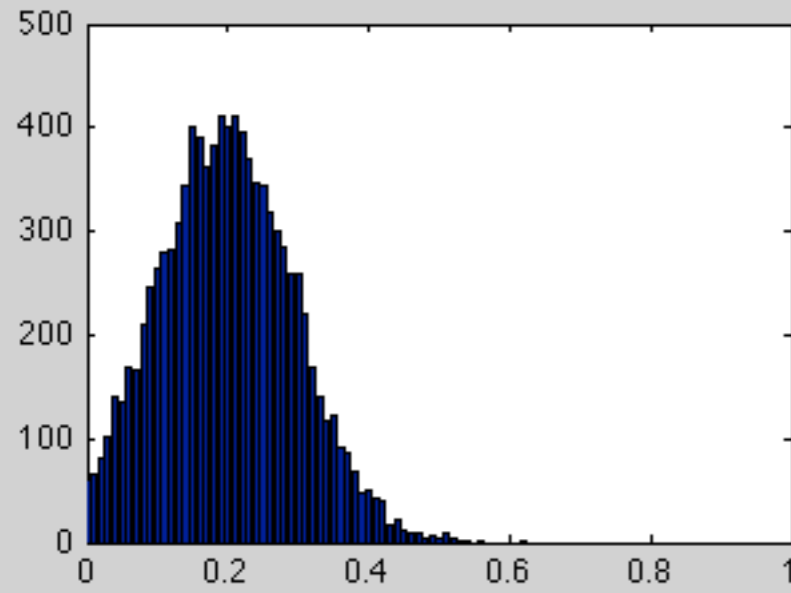
B: Multiply?



C: Something else?

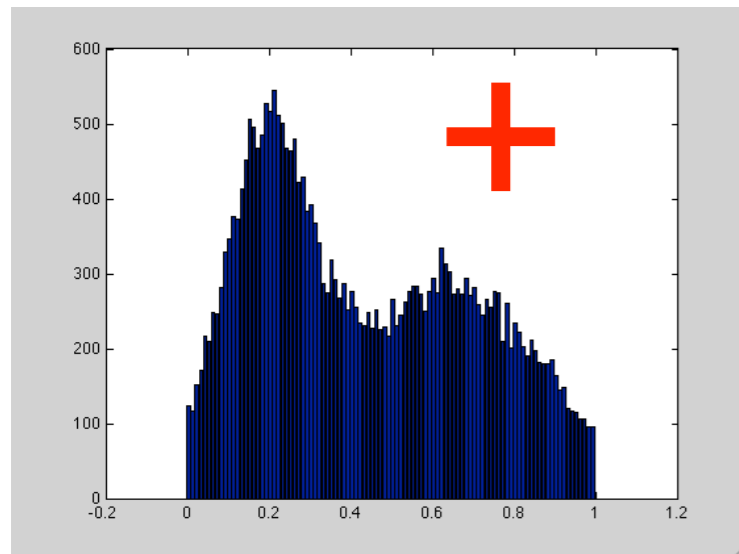


Parameter estimation on multiple GW detections:

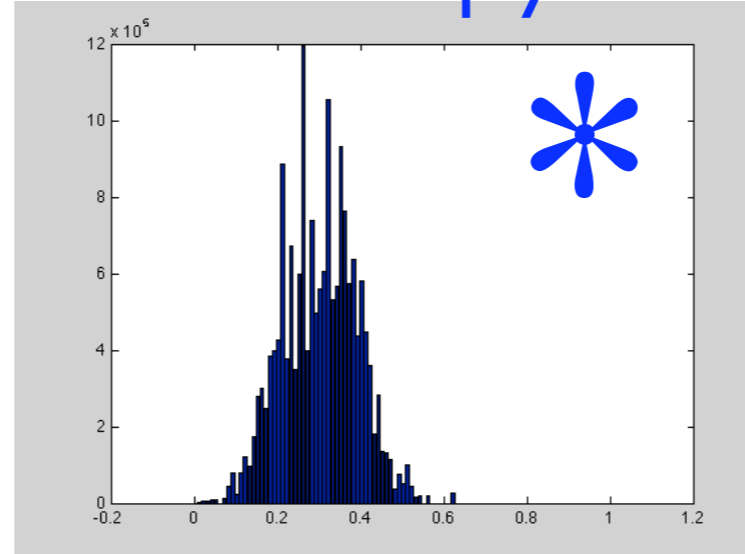


POLL: How do we combine these to make a statement about parameter distribution of the population being sampled?

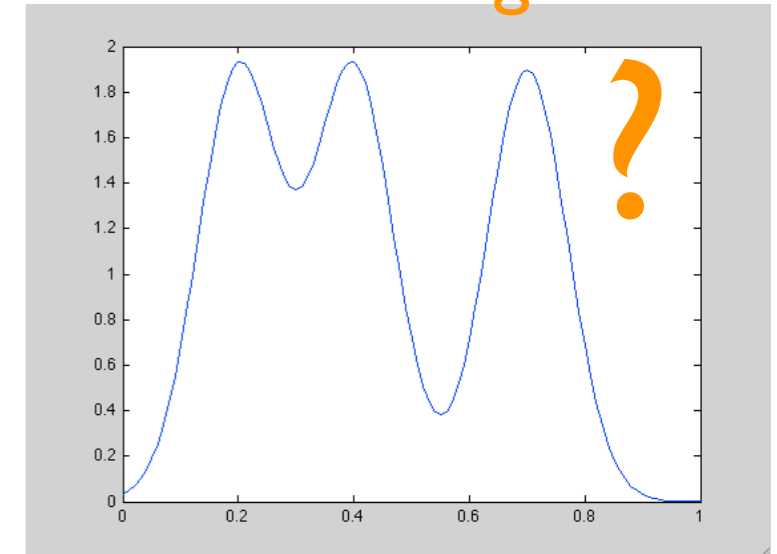
A: Add?



B: Multiply?



C: Something else?



See poster “Parameter Estimation on Gravitational Waves from Multiple Coalescing Binaries” [Ilya Mandel] for the answer. :-)