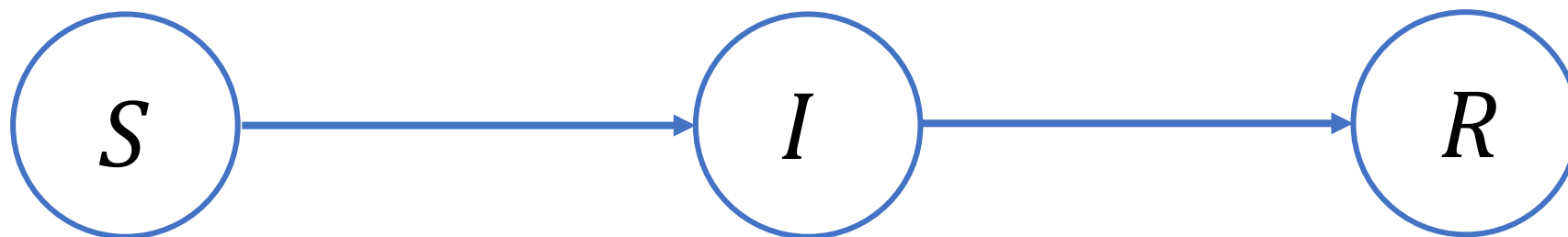


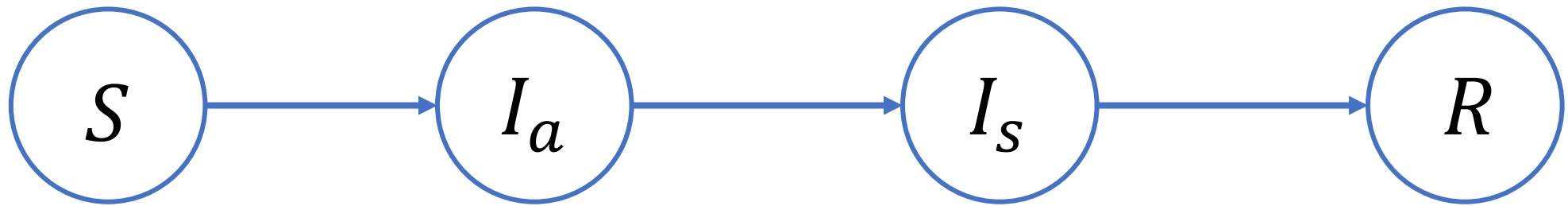
Epidemic model design

June 22, 2020

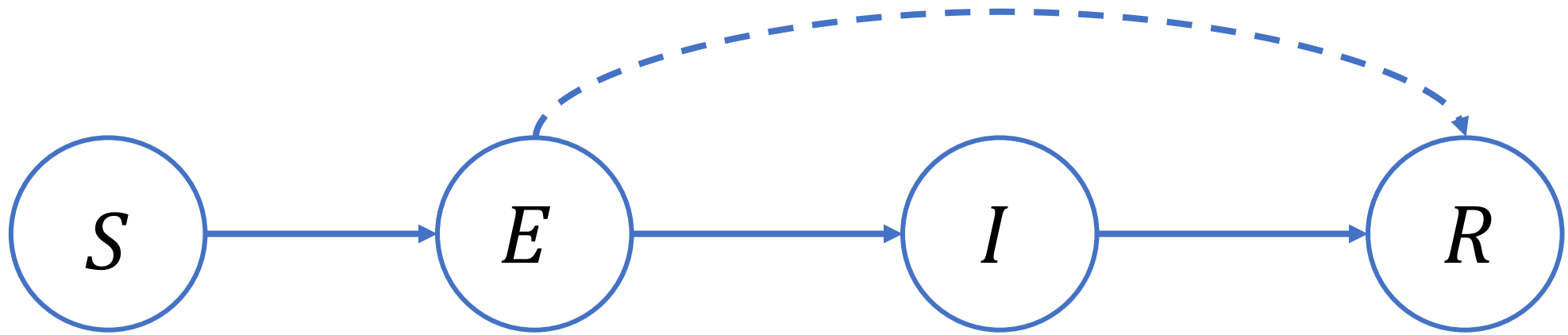
The original model (simple SIR)



Add asymptomatic compartment



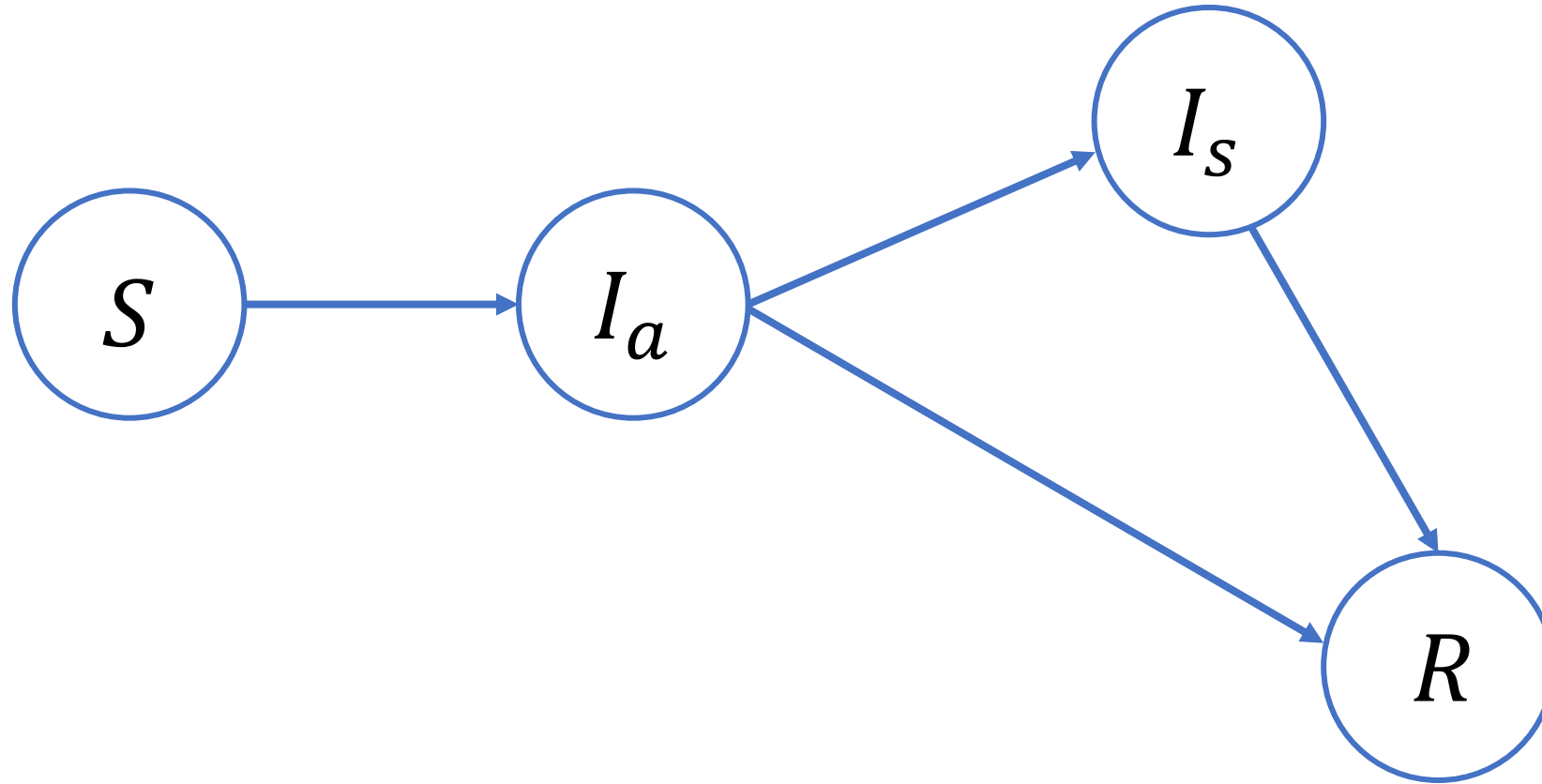
Similar to SEIR...



But...

- “E”: exposed but not symptomatic (latency/incubation)
- Is “E” also non-infectious? Or just less infectious?
- What would be the meaning of a non-infectious “E” compartment?
- Can an “E” person directly recover?
- Etc.

Allow asymptomatic to recover



“SEIR” with two I compartments

