Testing: Why? How?

Situational Awareness

**Diagnosis** (Individuals)
--Active SARS-CoV-2 infection? Early/Late? Pre-/Asymptomatic?
--Contagious? Who will be contagious?

**Surveillance** (Populations, Public Health)
--Infected? Immune? Susceptible?
--Where in space (geography) and time?
--Understand heterogeneity: Who? Why?
--Assess interventions

**Detection target**: virus, host response

**Deployment**

Relman: Introduction