

### **Intrinsic GI**

- measured individually (e.g. titers)

Difficult in practice

### **Effective GI**

- accounts for spatial (network) structure
- equivalent to intrinsic GI under homogeneous mixing

$\mathcal{R}$

Exponential correction  
weight observed periods by  $\exp(r\tau)$

### **Observed GI in early epidemic**

- proportional to  $g(\tau) \exp(-r\tau)$