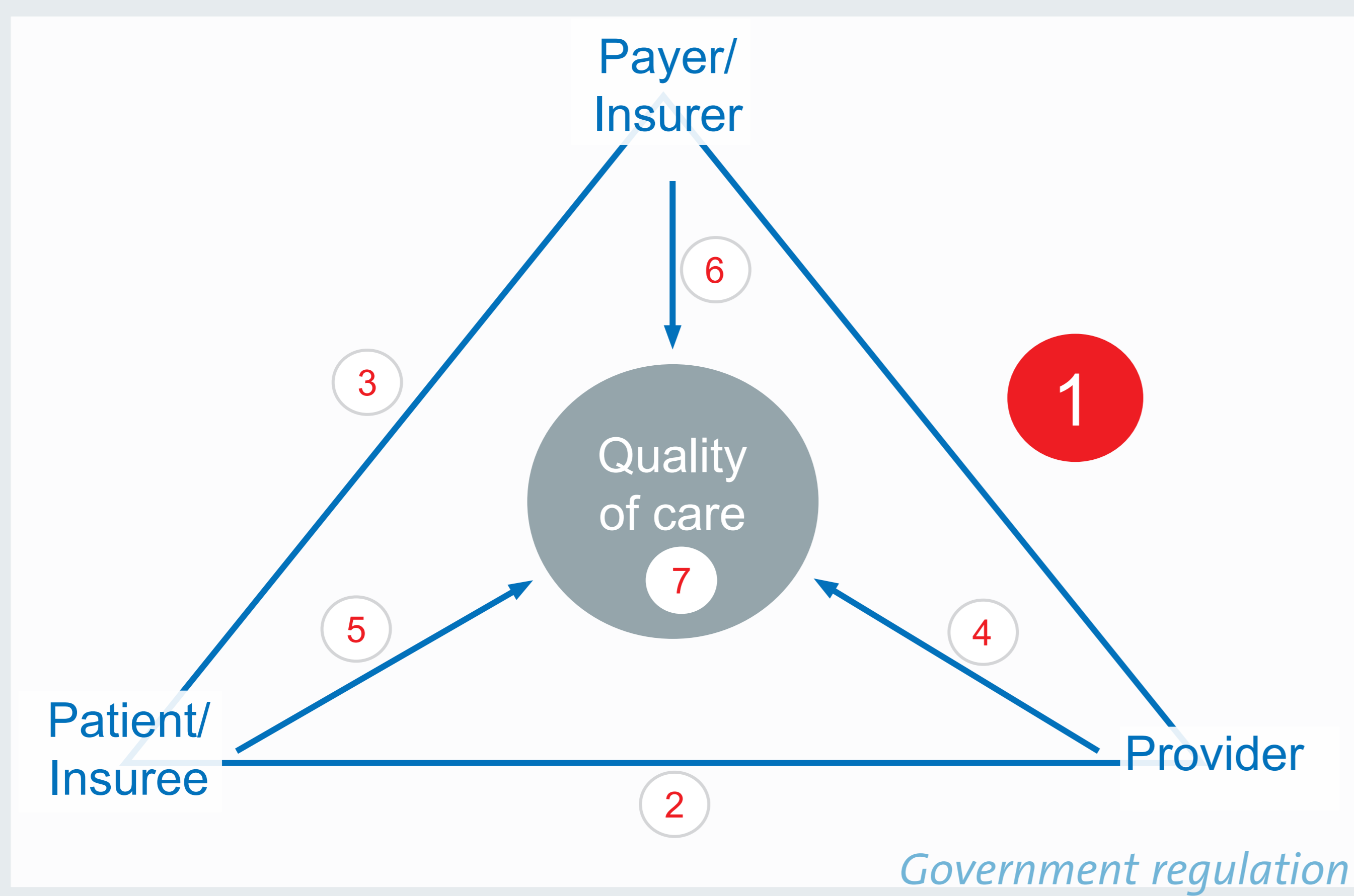




1 PROVIDER RESPONSE TO PAYER INCENTIVES



Aim:

- Analyzing effects of payment incentives on **diagnostic effort**, **treatment choice** and **quality of care**
- Provide real-world evidence on how to design payer incentives that **effectively improve** quality of care

Methods: Multi-method approach to phenomenon “provider response to payer incentives”

Project A

- Develop a **theoretical model** of optimal diagnostic effort and treatment choice with imperfect treatments
- Testing resulting hypotheses in **laboratory experiments**

Project B

- Develop a **theoretical research framework** of the mechanisms of PRO-based incentives on provider responses
- Testing resulting hypotheses using **qualitative online focus groups** → **quantitative online surveys**

Contribution

- Multi-method approach (combination of theory and experiment)
- Capture agency problems and behavioral economic aspects in medical decisions
- Simultaneous analysis of diagnostic and treatment decision in lab experiment
- Multi-perspective analysis on consequences of using PRO-based measures in P4P reimbursement systems

PIs and interdisciplinary integration



Theory and measurement of PROs



Behavioral experiments, prospect theory



Decision theory, microeconomic and behavioral economic principles



Creating and conducting surveys and focus groups, mixed-methods design, PROs

Potential dissertation topics:

- Optimal diagnostic effort and treatment choice with imperfect treatments - A theoretical and experimental analysis
- A critical assessment of unintended consequences of using patient-reported outcomes for quality assessment and provider reimbursement