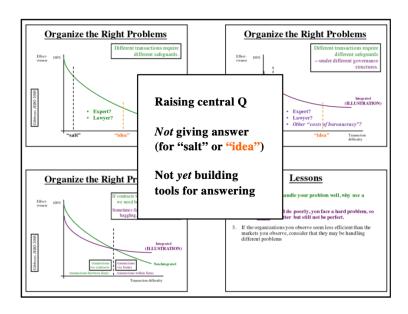
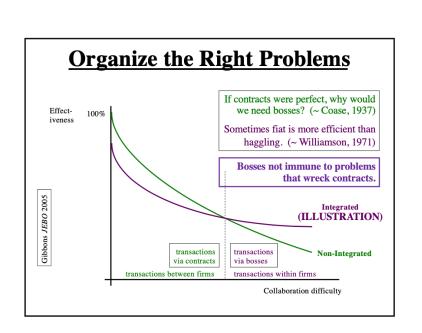


## 1. If a contract will handle your problem well, why use a boss? 2. If a contract would do poorly, you face a hard problem, so a boss might do better but still not be perfect. 3. If the organizations you observe seem less efficient than the markets you observe, consider that they may be handling different problems





2

Lessons

### **Visible Hands:**

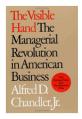
### **Governance** of Value Creation

# in Firms and Beyond

Gibbons, AER P&P 2020, https://www.aeaweb.org/articles?id=10.1257/pandp.20201066

### **Visible Hands?**

(managers vs. markets)





Economics inside firms? Visible hands outside firms?

### **Invisible Hand?**





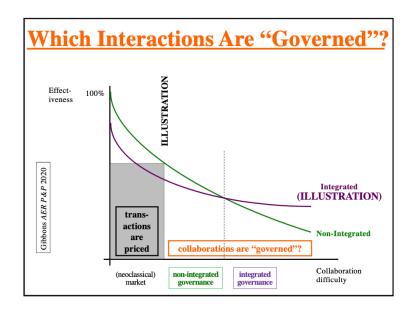
As every individual, therefore, endeavours as much as he can both to employ his capital in the support of domestic industry, and so to direct that industry that its produce may be of the greatest value, every individual necessarily labours to render the annual revenue of the society as great as he can. He generally, indeed, neither intends to promote the public interest, nor knows how much he is promoting it. By preferring the support of domestic to that of foreign industry, he intends only his own security; and by directing that industry in such a manner as its produce may be of the greatest value, he intends only his own gain, and he is in this, as in many other cases, led by an invisible hand to promote an end which was no part of his intention. Nor is it always the worse for the society that it was not part of it. By pursuing his own interest he frequently promotes that of the society more effectually than when he really intends to promote it.

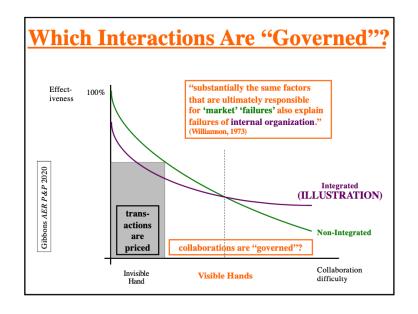
\*\*The Wealth of Nations\*\*, Book IV, Chapter II, paragraph IX (1776)

- Prisoners' Dilemma?
- Boundary conditions?

#### Which Interactions Are "Governed"? ILLUSTRATION Effect-100% iveness Integrated (ILLUSTRATION) transactions transactions Non-Integrated are via bosses priced transactions within firms Collaboration (neoclassical) difficulty

3





4