

Firm Effects in Innovation Research

A Review of Readings

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Outline

Overview

Cohen (2010)

Teece (1986)

Agrawal et al. (2014)

Igami (2015)

Firm Effects in Innovation Research

Antecedents & Consequences

- Cohen (2010) - Review of 50 years of empirical studies on innovative activity and performance
- Teece (1986) - Profiting from technological innovation
- Agrawal et al. (2014) - Empirical study on role of small firms in innovation output of regions
- Igami (2015) - Empirical study of comparison of incumbents vs. entrants

Innovative activity and performance

Agenda

- Scope of Definition of Technology Diffusion

Profiting from technological innovation

Summary

- Firms take long to adapt to new technology

Role of small firms in innovation output of regions

Summary

- Is there a causal social interaction effect for the social spillovers to exist?

Comparison of incumbents vs. entrants

Summary

- Is there a causal social interaction effect for the social spillovers to exist?

- Agrawal, A., Cockburn, I., Galasso, A., and Oettl, A. (2014). Why are some regions more innovative than others? the role of small firms in the presence of large labs. *Journal of Urban Economics*, 81:149 – 165.
- Cohen, W. M. (2010). Chapter 4 - fifty years of empirical studies of innovative activity and performance. In Hall, B. H. and Rosenberg, N., editors, *Handbook of The Economics of Innovation, Vol. 1*, volume 1 of *Handbook of the Economics of Innovation*, pages 129 – 213. North-Holland.
- Igami, M. (2015). Estimating the innovator's dilemma: Structural analysis of creative destruction in the hard disk drive industry, 1981-1998. *Journal of Political Economy*, *Forthcoming*.
- Teece, D. J. (1986). Profiting from technological innovation: Implications for integration, collaboration, licensing and public policy. *Research Policy*, 15(6):285 – 305.