

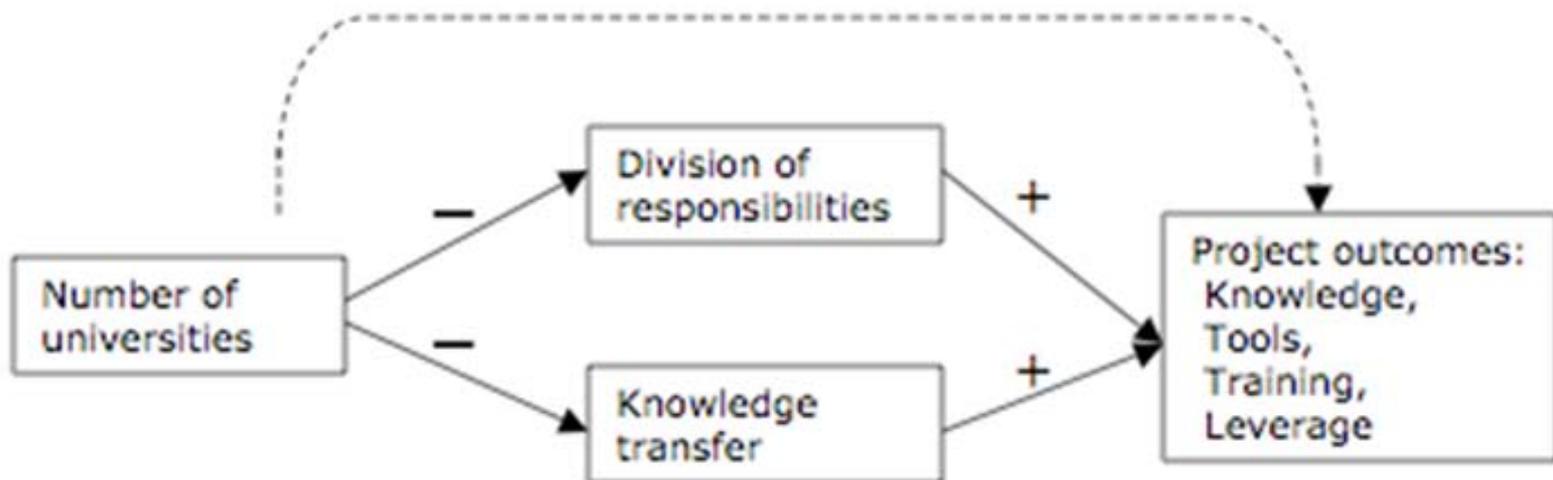
Cummings, J. N., & Kiesler, S. (2007).

Coordination costs and project outcomes in multi-university collaborations.

Research Policy, 36(10), 1620-1634.



Results Summary (~ 500 projects)



Collaborative Dynamics of Distributed Science Teams

- Impact of geographic differences =
 - less informal communication (Allen, 1977)
 - less common ground (Clark and Brennan, 1991)
 - less task awareness (Weisband, 2002)
 - more work delays (Herbsleb et al., 2000)
 - more misunderstandings (Cramton, 2001)
 - more local distractions (Mark et al., 1999)

But how do institutional differences impact coordination costs?

Work in progress: Institutional differences

- "A"-list journals (general, field)
- Publication authorship (first, other)
- Promotion (disciplinary, interdisciplinary)
- Teaching schedule (semesters, quarters)
- Teaching load (preps, students)
- Grant writing (primary, secondary)
- PhD student funding (RA, TA)
- IRB procedures (protocols, consent forms)
- IP agreements (licensing, patenting)
- Available funds (indirect costs, overhead)