

A Breeding Pool of Ideas: Analyzing Interdisciplinary Collaborations at the Complex Systems Summer School

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The Complex Systems Summer School

The Santa Fe Institute's Complex Systems Summer School is the premier complex systems workshop where diverse participants work together on self-directed research projects

Lacking curricular, resource, and research constraints, the summer school is in many ways an ideal environment for academic collaboration

Does the program fulfill its goal of encouraging collaboration among varied people on interdisciplinary research?

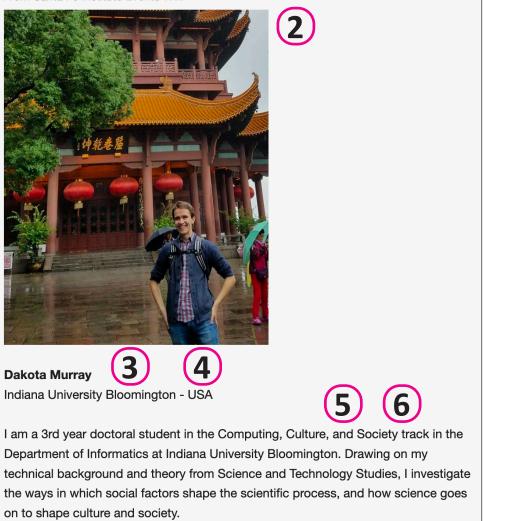
Data

Manually extracted and coded from the summer school's Wiki (2005-2019)

Participant Profile

Dakota Murray (1)

om Santa Fe Institute Events V



1.Name

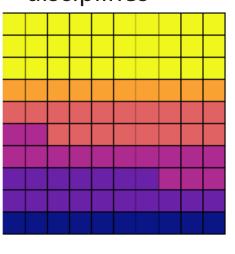
- 2. Perceived gender
- 3. Organizational affiliation. If University, also prestige with Shanghai Rankings
- 4. Country of study/work
- 5. Discipline, coded from self-reported description into UNESCO classifications
- 6. Professional position (i.e., student)

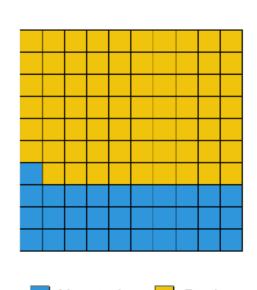
Participant characteristics

After parsing and cleaning the data, we find that participants are

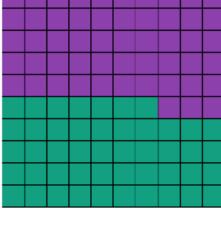
Mostly students

• From diverse disciplines

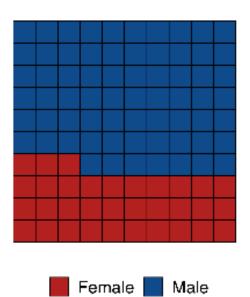




• Half from U.S. organizations



• Mostly men





Engineering Other

Life Sciences 📃 Not student 📃 Student

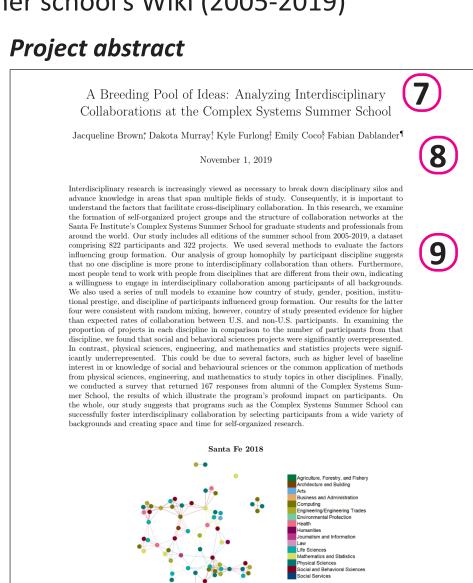
Not USA 📕 USA

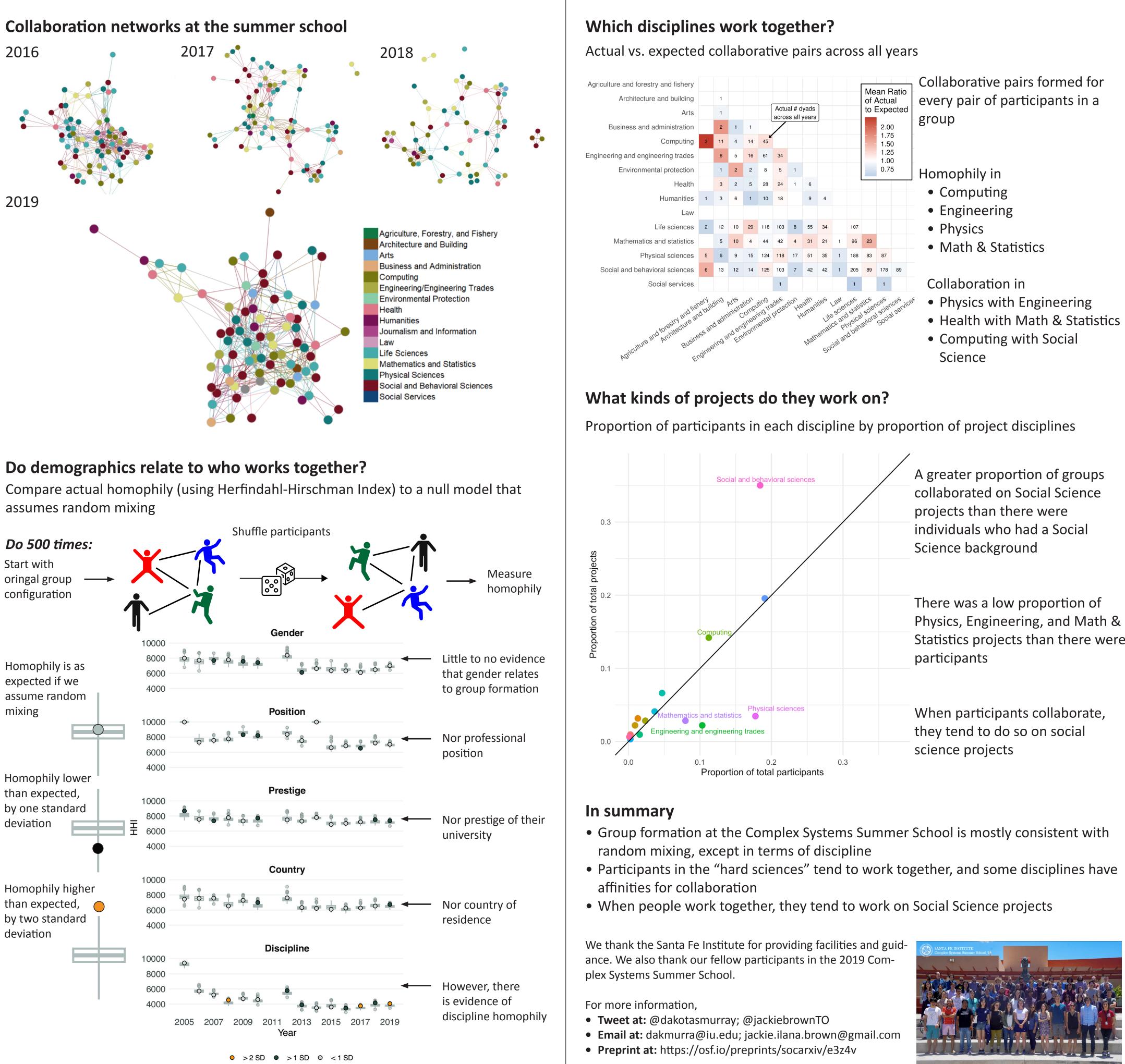
7.Title

- 8. Participants involved
- 9. Project discipline, coded from title and abstract into UNESCO classifications



INSTITUTE







Statistics projects than there were