Ring out the old, Ring in the new: Field Research Designs for New Venture Teams using S4

Johnson, Alan R.[1, 2*], Delmar, Frédéric[3]

[1] Nord University Business School, Bodø, Norway
[2] RATIO Research Institute, Stockholm, Sweden
[3] Lund University, Sweden
* Presenting author

Suggested talk duration (20 minutes)

Summary (max. 500 words)
I thought to add an applied perspective on research design issues with clustered data and, hopefully, contribute to "shorten the chase" for other researchers based on our experiences with team level research questions and individual level observations (Johnson, van de Schoot, Delmar, & Crano, 2015).
My intention is to:
1. Start with our experiences squeezing results out of my dissertation data with 'traditional' repeated measures design using questionnaire instruments and a *student* sample of 60 new venture teams.
2. Then move on to Fred and my attempts to refining the external validity of that 'traditional' repeated measures design in Sweden still using questionnaire instruments with about 100 *real* new venture teams.
3. Draw attention to the resources needed and the expected response rates using field study designs in a less-controlled environment, i.e., not in a university but only in an entrepreneurship incubator/accelerator.
4. Consider some design alternatives:
   a. big data designs considering issues of construct definition (Luciano, Mathieu, Park, & Tannenbaum, 2017) or
   b. small data designs with 4 to 8 teams in a 2 by 2 matrix using intensive longitudinal designs (Kozlowski, 2015).
5. Division of labor between applied researchers and meteorologists:
   a. applied researchers and their peer reviewers have a responsibility to be flexible and
   b. meteorologists have a responsibility to provide alternatives that applied researchers can understand and evaluate appropriately.

Relevance to conference theme
I think a talk like this from someone with my experience with innovative field studies to gather clustered and longitudinal data would be of interest to your conference. My objective would be to set the stage with some *tricky* research questions for of the "solution talks" that arrive later in the conference.

Keywords (max. 3)
Longitudinal and Multilevel Data Analysis, New Venture Teams, Innovative Research Designs

References
Johnson, A. R., van de Schoot, R., Delmar, F., & Crano, W. D. (2015). Social influence interpretation of interpersonal processes and team performance over time using Bayesian model selection. *Journal of Management*, *41*(2), 574–606. https://doi.org/10.1177/0149206314539351

Kozlowski, S. W. J. (2015). Advancing research on team process dynamics: Theoretical, methodological, and measurement considerations. *Organizational Psychology Review*, *5*(4), 270–299. https://doi.org/10.1177/2041386614533586

Luciano, M. M., Mathieu, J. E., Park, S., & Tannenbaum, S. I. (2017). A Fitting Approach to Construct and Measurement Alignment: The Role of Big Data in Advancing Dynamic Theories. *Organizational Research Methods*, 1094428117728372. https://doi.org/10.1177/1094428117728372