

Assignment 1 (due 1:00 PM on Oct 24)

1. Find one of the papers listed below and read it. You don't have to understand the technical details of the paper.
 - He, Z.L., Wong, P.K., 2004. Exploration vs. exploitation: An empirical test of the ambidexterity hypothesis. *Organization Science* 15, 481-494.
 - Jansen, J., Van den Bosch, F., Volberda, H., 2006. Exploratory innovation, exploitative innovation, and performance: Effects of organizational antecedents and environmental moderators. *Management Science* 52, 1661-1674.
 - Lilien, G.L., Morrison, P.D., Searls, K., Sonnack, M., von Hippel, E., 2002. Performance assessment of the lead user idea-generation process for new product development. *Management Science* 48, 1042-1059.
 - McGrath, R.G., 2001. Exploratory learning, innovative capacity, and managerial oversight. *Academy of Management Journal* 44, 118-131.
 - Ahuja, G., Katila, R., 2001. Technological acquisitions and the innovation performance of acquiring firms: A longitudinal study. *Strategic Management Journal* 22, 197-220.
 - Laursen, K., Salter, A., 2006. Open for innovation: The role of openness in explaining innovation performance among UK manufacturing firms. *Strategic Management Journal* 27, 131-150.
 - Owen-Smith, J., Powell, W.W., 2004. Knowledge Networks as Channels and Conduits: The Effects of Spillovers in the Boston Biotechnology Community. *Organization Science* 15, 5-21.

2. On the basis of the paper,
 - a. find a hypothesis (or a proposition) (Pick one if there are more than one.);
 - b. briefly explain why the author(s) claims that the hypothesis should be true;
 - c. briefly explain why the author(s) believes that the hypothesis (and the topic of the paper) is relevant to the society;
 - d. express the chosen hypothesis in a mathematical term (e.g., $y=f(x)$, where x is XXXXX and y is YYYYY, and $dy/dx>0$);
 - e. identify key concepts in the hypothesis (XXXXX and YYYYY in the above case), and explain how each of the key concepts are measured empirically; and
 - f. identify the sample used in the empirical study, and explain why the author(s) believes that the sample is appropriate for testing the hypothesis.

Submission

- Include all your answers (a-f) in 1 or 2-page A4 sheet.
- Save it in a Microsoft word or PDF file.
- Submit it to TA: sunkao1035@gmail.com
- By 1:00 PM on Oct 24