"Accounting" for Last Names: The Effect of Surname Initial on Success in Academia

Natalie Wolford  
Brigham Young University - Provo, gnatwolf@gmail.com

Mason Snow  
Brigham Young University - Provo

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“Accounting” for Last Names: The Effect of Surname Initial on Success in Academia

**Background and Hypotheses**

**Introduction**
- Academic journals typically follow conventions of ordering authors by surname initial in both the title page as well as the bibliography section.
- Einav and Yariv (2006) find significant effects from the alphabetical placement of an Economics professor’s last name on their likelihood of gaining tenure.
- While the majority of accounting journals follow alphabetical conventions, some order the authors strictly on reported contribution.

**Hypotheses**

H1a: There exists a negative relationship between the likelihood of being tenured and surname number letter (A = 1, B = 2, C = 3 . . . Z = 26).

H1b: The relationship between tenure likelihood and surname number letter is moderated by the rank of the university.

H2: Professors with last names towards the beginning of the alphabet are paid more than their last-half counterparts.

**Methodology**

**Data**
- The BYU Accounting Research Rankings database provided us with professor name, affiliation rank, and tenure status information.
- Using the names of the professors, we hand-coded their gender and whether they were Asian.
- We retrieved salary data for professors affiliated with the top-ten public universities.

**Controlling for Ethnicity**
- We address the concern that a disproportionate amount of Asians in academia may influence our results (due to somewhat common last names).
- In some models we include Asian as a control variable; in others, we simply omit these observations.

**Regression Model**
To test our hypotheses, we replicate the model set forth by Einav and Yariv (2006):

\[
\begin{align*}
\text{tenure} &= \beta_0 + \beta_1 \text{Letter Number} + \beta_2 \text{Asian} + \epsilon \\
\text{salary} &= \beta_0 + \beta_1 \text{Letter Number} + \beta_2 \text{Female} + \beta_3 \text{Asian} + \beta_4 \text{Tenured} + \epsilon
\end{align*}
\]

**Results**

**Tenure**
- We find that as a professor’s surname initial increases, their likelihood of being tenured decreases.
- For the Top 10 sample, this effect size is larger.
- The estimates lose statistical significance for the sample of Top 20-30 programs, indicating that the relationship between surname and tenure is moderated by university prestige.

**Salary**
- We find a negative relationship between salary and surname initial (A = 1, B = 2, C = 3 . . . Z = 26).
- Our estimates indicate a $20,000 decrease for being in the last half of the alphabet, or a $1,000 decrease per letter.
- We contribute to the developing last-name literature by identifying the moderating effect of school rank on tenure status, and we observe that this effect as it applies to salaries.

The authors invite you to examine their paper in its entirety by scanning the QR code (left); the full version contains additional hypotheses, data, graphs, and conclusions not presented here.

Natalie Wolford and Mason Snow
Mentor: Dr. Mark Showalter
Department of Economics