Bai and Jia: Social Mobility and Revolution

Discussion of Social Mobility and Revolution: The Impact of the Abolition of China's Civil Service Exam

Ying Bai and Ruixue Jia

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Discussant: Heléne Lundqvist, Stockholm University

- This is not an all-compassing study of economic and social drivers of revolution
- This is a study of the role of (perceived) social mobility—or the lack thereof—for revolution
 - Did abolishing China's civil exam system induce more people to join the revolution in places where the exam system was relatively more important?
- The study brings a new and interesting piece of evidence to the question of how to understand revolutions
- The research question is backed up by historical anecdotal evidence
- The total influence of the abolition on revolutionary activities was probably even larger

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Figure : Tricky to separate social and economic mobility from general economic and political conditions



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- However, a concern is that the estimates vary with the inclusion of control variables (0.13-0.23 for 1905; 0.10-0.22 for 1906)
- Controlling for population is crucial
 - A need for controlling for population in a more flexible way
 - Is migration a concern here?
- Discuss the implications of not including time-variant control variables
- While the distribution of quota assignments is discrete over counties, it becomes continuous when aggregating at the prefecture level

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Linking the quotas to the 1911 uprisings

- It is problematic that the data on revolutionaries ends in 1906
 - Times were turbulent: As Table 2 shows, the impact of the quotas on political newcomers differs quite a lot in different years (1904, 1907, 1908, 1912)
- Connecting the abolition of the quotas to the 1911 uprising, through the revolutionaries, should be done in a two-step IV procedure
 - ▶ 1st stage: $\Delta \ln(\mathbf{k} + \# \operatorname{rev.})_p = \beta \ln \operatorname{Quota}_p + \Psi X_p + \delta_{prov} + \epsilon_p$

▶ 2nd stage: Uprisings_p = $\alpha \Delta \ln(k + \#rev)_p + \theta X_p + \delta_{prov} + \varepsilon_p$

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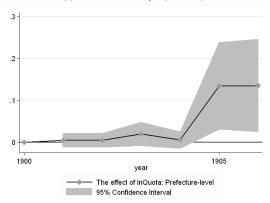
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Figure 4: The Dynamic Impacts of In Quota on the Probability of Having Revolutionaries



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(a) Prefecture-level Analysis (1900-1906)



(b) Before and After the Abolition of the Exam in 1905										
	Before the Abolition Ln (k+ # Presented Scholars in 1904)			After the Abolition Ln (k+ # Quasi-Presented						
				Scholars in 1907)						
	(1)	(2)	(3)	(4)	(5)	(6)				
Ln(Quota)	0.375***	0.378***	0.305***	0.191***	0.218***	0.131*				
	(0.076)	(0.097)	(0.092)	(0.069)	(0.078)	(0.067)				
Ln(Popu 1880)	0.156**	0.148	0.091	0.197***	0.048	-0.045				
	(0.069)	(0.094)	(0.084)	(0.072)	(0.086)	(0.068)				
Ln(1+# in of ce)			0.414***			0.423***				
			(0.073)			(0.097)				
Province FE		Y	Y		Y	Y				
Observations	262	262	262	262	262	262				
R-squared	0.255	0.279	0.411	0.132	0.381	0.510				

(b) Before and After the Abolition of the Exam in 1905

(c) Before and After the Republican Revolution in 1911

		e the Revo		After the Revolution		
	Ln(k + # parliament members in 1908)			Ln(k+ # parliament		
				members in 1912)		
	(1)	(2)	(3)	(4)	(5)	(6)
Ln(Quota)	0.278***	0.252**	0.182*	0.523***	0.490***	0.456***
	(0.078)	(0.102)	(0.093)	(0.066)	(0.083)	(0.080)
Ln(Popu 1880)	0.227***	0.241**	0.186*	0.288***	0.363***	0.327***
	(0.077)	(0.109)	(0.102)	(0.056)	(0.079)	(0.078)
Ln(1+# in of ce)			0.396***			0.166***
			(0.073)			(0.039)
Province FE		Y	Y		Y	Y
Observations	262	262	262	262	262	262
R-squared	0.225	0.250	0.369	0.586	0.604	0.624