INSTITUTIONAL INFLUENCE OF ACADEMICS IN ARGENTINEAN PUBLIC UNIVERSITIES IN A CONTEXT OF EXTERNAL CONTROL

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Purpose and questions

To analyse how much and how the **public policy** governmental agenda of the '90 (macro level), that meant the creation of **state agencies** in charge of applying specific policy instruments (meso level), has increased the perception of **external control** to the teaching, research and the external academic activity, affecting the perception of institutional **influence** of the academics, given some specific **structuring features** of the Argentina's academic profession (individual level).

- 1. Do academics in Argentina perceive external control over their teaching, research and external academic activity?
- 2. What is the perception of their influence in the different levels of the organizational structure in the situation of greater or lesser external control of the academic activity?
- 3. How these perceptions vary according to specific features of the Argentinian academic profession?





Recent Higher Education Reforms New relationships between state, higher education institutions and the academic profession New Public Management (NPM)

- Greater state regulation (Pollitt 1993; Deem 1994), fragmentation of service delivery (Reed, 1995; Hoggett, 1996) and external accountability (Power, 1997).
- New regulatory governance mechanism of public services by state agencies (Hood & Scott, 1996)
- Such intermediary organizations (Van der Meulen and Rip, 1998) or agencies (Christensen and Lægreid, 2005), are part of a principal-agent relation
- They are in charge of applying the instruments developed by public authorities to measure scientific performance and selectively allocate resources in order to link funding to performance for productivity and quality increasing (Whitley, 2007).

An "Incentivizing" State (Musselin, 2013)

• Does not prescribe what to do, but develops the rules of a game. Autonomy given by the state is an illusion, since the incentive-based instruments means a stronger control over behaviors (Les Galès and Scott, 2010; Whitley, 2007, 2009).

Public policies and universities in Argentina



'90s Higher Education Reforms in Latin America New relationships between state, higher education institutions and the academic profession New Public Management (NPM)

- Second generation of reforms towards "Reinventing the State" (Osborne & Gaebler, 1994)
- World Bank agenda as response to massive growth of higher education systems: privatization and diversification
- New state agencies and councils created for promotion of research productivity, and the implementation
 of quality assurance systems, based on peer review processes
- Competitive project-based funding instruments
- Different incentives and regulations were implemented in Argentina, affecting academic work and culture
 - Program of Incentives to Teachers-Researchers in National Universities
 - National Agency for Science and Technology Promotion (ANPCyT)
 - National Commission for Evaluation and Accreditation of Universities (CONEAU)
 - Programs for strengthen the relation between the university and the community
- Collegial governance model based on academic freedom, autonomy and co-governance gradually transformed towards a managerialization of the tasks, including the academic ones.

Structuring features of Argentinean Academic Profession



Hierarchical

- Junios
- Seniors

Fragmented

- Full time (40 hs. / week)
- Part time (Less than 40 hs. / week)

Diverse

- Novice generation (2008 2019)
- Intermediate generation (1995 2007)
- Consolidated generation (before 1995)

Analytical Model



Macro level Public Policy '90s reform

- Quality assurance
- Research financing by results
- Incentives researchteaching activity
- Competitive projectbased funding
- Strategic planning

Messo level State agencies

- CONEAU
- ANPCyT
- Incentive's Programme to teachers researchers
- Other competitive funds' State units

External control on

Teaching

Research

External activity

Influence

- Department chair
- Academic Unit
- Institution

Individual level

Structuring features of Argentina's Academic Profession

Hierarchical (rank)

- Senior
- Junior

Fragmented (status employment)

- full time
- Part time

Culturally diverse (generation)

- Novice generation
- Intermediate generation
- Consolidated generation





H1: Most academics perceive external control over their teaching, research and external activities, with emphasis over research control

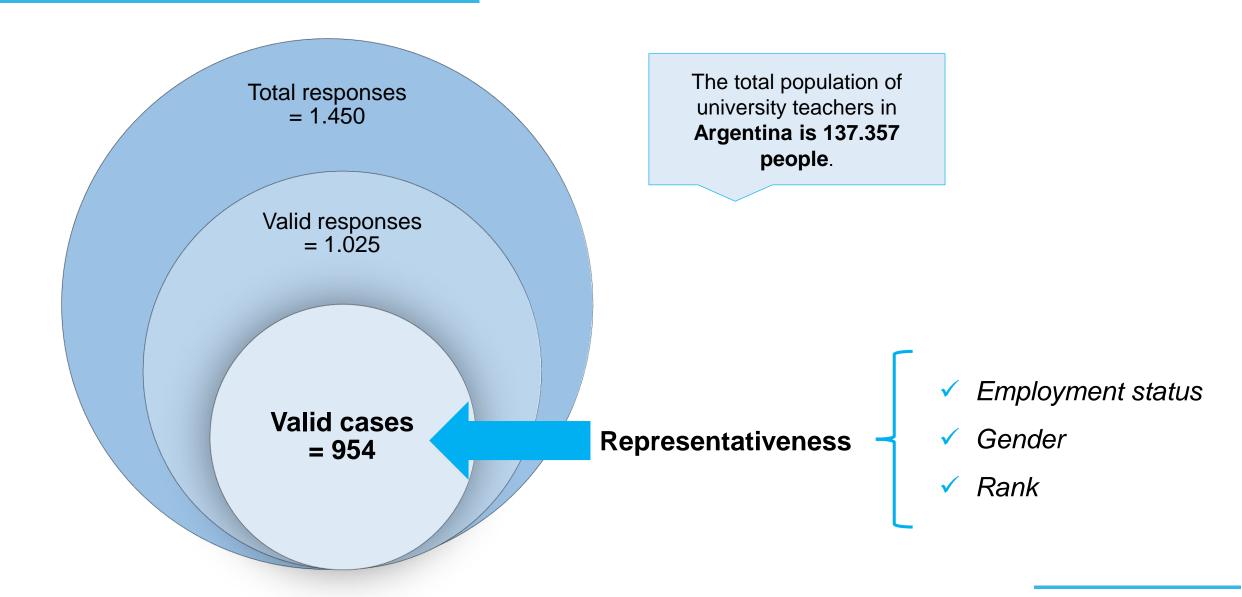
H2: The academics' perception of external control increases with a) the generation, b) the rank and c) the employment status.

H3: Argentinian academics perceive that their influence on university decision-making is greater a) the closer is the organizational level; b) the older is the generation, the higher is the rank and the employment status. c) They perceive their influence is lesser the higher is the perception of external control.

H4: Participation in external committees as peer reviewers increases academic influence at the institution

Data and Methods







Data and Methods

potheses	s Dependent variables			APIKS Survey	Measure	Independent variables		Association measure
H1	Most academics perceive external control over their teaching, research and external activities, with emphasis over research control.							
	\A/I		Teaching	F2_A_6	_			
	Who evaluates your teaching, research and extension	External reviewers	Research	F2_B_6	- %			
	activities? (F2)	External reviewers	External act.	F2_C_6	_			
			Total	F2_A/B/C_6				
H2	The academics' perception of	f external control increas	es with a) the generation	, b) the rank and c)	the employmen	t status.		
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Teaching	F2_A_6	_	Generation		
	Who evaluates your teaching, research and extension	External reviewers	Research	F2_B_6	- %	Employment Status		Chi2
	activities? (F2)	Laterrial reviewers	External act.	F2_C_6	_	Rank		
			Total	F2_A/B/C_6				
	How influential are you in	At the level of the departm		F1_1 F1_2	_ Maana	Generation Employment Status		
	11	At the level of the departm	nent or similar unit	F1 1		Generation		
	helping to shape key academic	At the level of the faculty, school or similar unit		F1 2	Maana	Employment Status		
	neiping to snape key academic	At the level of the faculty,	SCHOOL OF SHITING WHILE	1 1_2	Means	Employment otatus		
	policies at your institution? (F1)	At the institutional level	SCHOOL OF SITHIAL WHILE	F1_3	_ ivieans	Rank		
	policies at your institution? (F1)	At the institutional level	Scribbi of Similar unit		_ ivieans		Total	Chi2
	policies at your institution? (F1)	At the institutional level	School of Sillinal unit		_ weans	Rank	Total over Teaching	Chi2
	policies at your institution? (F1)	At the institutional level	School of Similar unit		_ weans			Chi2
	policies at your institution? (F1)	At the institutional level	School of Similar unit		_ weans	Rank	over Teaching	Chi2
Н4	policies at your institution? (F1) Participation in external co	At the institutional level		F1_3	_	Rank	over Teaching over Research	Chi2
Н4	policies at your institution? (F1) Participation in external co	At the institutional level	ewers increases acade	F1_3	_	Rank	over Teaching over Research	Chi2
Н4	Participation in external co	At the institutional level mmittees as peer revie At the level of the departm	ewers increases acade nent or similar unit	F1_3 emic influence at t	_	Rank	over Teaching over Research	Chi2
Н4	Participation in external co	At the institutional level mmittees as peer revie At the level of the departm	ewers increases acade nent or similar unit	F1_3 mic influence at the F1_1	he institution.	Rank Perception of external control	over Teaching over Research	
H4 H5	Participation in external composition of the composition in external composition in the composition of the c	At the institutional level committees as peer revie At the level of the departm At the level of the faculty, At the institutional level	ewers increases acade nent or similar unit school or similar unit	F1_3 Pmic influence at the F1_1 F1_2 F1_3	he institution. Means	Rank Perception of external control	over Teaching over Research over External act.	
	Participation in external co How influential are you in helping to shape key academic policies at your institution? (F1) External controlled acader	At the institutional level committees as peer revie At the level of the departm At the level of the faculty, At the institutional level	ewers increases acade nent or similar unit school or similar unit committees as peer re	F1_3 Pmic influence at the F1_1 F1_2 F1_3	he institution. Means	Rank Perception of external control Served a peer reviewer (B6_2)	over Teaching over Research over External act.	
	Participation in external composition of the composition in external composition in the composition of the c	At the institutional level committees as peer revie At the level of the departm At the level of the faculty, At the institutional level mics that participate in At the level of the departm At the level of the faculty.	ewers increases acade nent or similar unit school or similar unit committees as peer re	F1_3 Pmic influence at the F1_1 F1_2 F1_3 eviewers perceive	he institution. Means	Rank Perception of external control Served a peer reviewer (B6_2) s more influential at the institu	over Teaching over Research over External act. Ition. led over teaching	





H1: Most academics perceive external control over their teaching, research and external activities, with emphasis over research control

H2: The academics' perception of external control increases with a) the generation, b) the rank and c) the employment status.

H3: Argentinian academics perceive that their influence on university decision-making is greater a) the closer is the organizational level; b) the older is the generation, the higher is the rank and the employment status. c) They perceive their influence is lesser the higher is the perception of external control.

H4: Participation in external committees as peer reviewers increases academic influence at the institution





Who evaluates your teaching, research and extension activities?
External reviewers

External control						
Total	over teaching	over research	over external activities			
51,60%	24,80%	45,30%	18,30%			

Hypotheses





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The academics' perception of external control increases with a) the generation, b) the rank **H2** and c) the employment status



Who eva teaching, extensio Externa

evaluates your g, research and sion activities? rnal reviewers		External control							
		Total		over teaching		over research		over external activities	
		51,0	60%	24,8	30%	45,3	30%	18,3	30%
		%	Dif	%	Dif	%	Dif	%	Dif
	Consolidated	61,50%	9,9%***	34,60%	9,8%***	55,00%	9,7%***	22,40%	3,8%*
Generation	Intermediate	57,60%	6,0%***	27,90%	3,1%***	51,40%	6,1%***	21,20%	2,6%*
	Novice	42,30%	-9,3%***	17,50%	-7,3%***	36,00%	-9,3%***	14,90%	-3,7%*
Employment	Full-time	77,00%	25,4%***	39,70%	14,9%**	72,60%	27,3%**	34,00%	15,4%*
Status	Part-Time	47,00%	-4,6%***	22,10%	-2,7%**	40,40%	-4,9%**	15,90%	-2,7%*
David	Senior	69,40%	17,8%***	38,20%	13,4%***	61,70%	16,4%***	26,40%	7,8%***
Rank	Junior	40,80%	-10,8%***	16,60%	-8,2%***	35,30%	-10,%***	13,90%	-4,7%***







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How influential are you in helping to shape key academic policies at your institution?

		Academics influence				
		Chair/Dept	Academic Unit	Institution		
Total Mean (Stand. Dev.)		2,30 (1,07)	2,00 (1,05)	1,83 (1,02)		
	Consolidated	2,65***	2,39***	2,15***		
Generation	Intermediate (Diff vs Consolidated)	-0,29***	-0,38***	-0,27***		
	Novice (Diff vs Consolidated)	-0,57***	-0,61***	-0,52***		
Employment	Full-time	2,78***	2,47***	2,15***		
Status	Part-Time (Diff. vs Full-time)	-0,56***	-0,56***	-0,38***		
Rank	Senior	2,68***	2,36***	2,13***		
	Junior (Diff. vs Senior)	-0,61***	-0,59***	-0,48***		



H3 c) They perceive their influence is lesser the higher is the perception of external control.

How influential are you in helping to shape key academic policies at your institution?

		Academics influence		
		Chair/Dept	Academic Unit	Institution
Total Mean (Stand. Dev.)		2,30 (1,07)	2,00 (1,05)	1,83 (1,02)
Externally Controlled (N=492)		2,50***	2,19***	2,05***
	Consolidated	2,87	2,60	2,37
Generation	Intermediate (Diff vs Consolidated)	-0,38	-0,42	-0,35
	Novice (Diff vs Consolidated)	-0,65	-0,73	-0,55
Employment	Full-time	2,86	2,50	2,17
Status	Part-Time (Diff. vs Full-time)	-0,47	-0,40	-0,16
	Senior	2,83	2,50	2,27
Rank	Junior (Diff. vs Senior)	-0,68	-0,64	-0,46
over teaching (N=237)		2,63***	2,34***	2,16***
over re	search (N=432)	2,51***	2,21***	2,07***
over external activities (N=178)		2,66***	2,39***	2,29***

Hypotheses





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New theoretical framework and hypotheses



Musselin (2013)

- Rather than weakening professional power, the recent reforms have reconfigured the academic profession by reinforcing the power of the academics that participate as peer reviewers at the state agencies.
- Studies concluding that reforms have weakened the academic profession have overlooked the reinforce of the role of peer reviews conducted by state agencies
- Effects on university governance and power distribution within the academic profession
- Changes are not a zero-sum game in which some win power (the managers) and others lose it (academics), but these powers combine.

"University managers use the reviews of this academic elite in order to reinforce and legitimize their managerial power. In other words, organizational and professional powers are in some respects colluding rather than opposing each other" (Musselin, 2013: 1166)





Academic peers

Macro level Public Policy '90s reform

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- Research financing by results
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Messo level State agencies

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- ANPCyT
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- Department chair
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Individual level

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Hierarchical (rank)

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H4: Participation in external committees as peer reviewers increases academic influence at the institution

Participation in external committees as peer reviewers increases academic influence at the **H4** institution



How influential are you in helping to shape key academic policies at your institution?

		Aca	demics inf	luence
		Chair/ Dept	Academic Unit	Institution
Total Mean (Stand. Dev.)		2,30 (1,07)	2,00 (1,05)	1,83 (1,02)
Served as peer	Yes (N=374)	2,49***	2,12*	1,99*
reviewer	No (N=580)	2,18	1,92	1,73



Hypotheses

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H4: Participation in external committees as peer reviewers increases academic influence at the institution

External controlled academics that participate in committees as peer reviewers perceive themselves as more influential at the institution



How influential are you in helping to shape key academic policies at your institution?

	Academics influence				
	Chair/ Dept	Academic Unit	Institution		
Total Mean (Stand. Dev.)	2,30 (1,07)	2,00 (1,05)	1,83 (1,02)		
Served as peer reviewer	2,49***	2,12*	1,99*		
Peer reviewers	2,83***	2,45***	2,32***		
externally controlled over teaching (N=113)	(23%)	(22%)	(27%)		
Peer reviewers	2,58***	2,21**	2,11***		
externally controlled over research (N=244)	(12%)	(10%)	(15%)		
Peer reviewers	2,67**	2,37**	2,36***		
externally controlled over external activities (N=91)	(16%)	(18%)	(29%)		

Note: In paragraphs, percentage of increase compared with total mean.



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Discussion



- 1. Perception of academic external control = public policies assumed and recognized by most academics as part of their work and culture.
- 2. External control affects to academic generations differently.
- 3. Rather than weakening professional power, the influence of the academics that participate as peer reviewers at the state agencies has been reinforced
- 4. Academic power articulates with the meso level where policies for higher education are implemented.
- 5. The rationale of external control legitimates and reinforces academic institutional influence
- 6. Perception of "external control" in peer reviewers = more power

Conclusions



- It is not true the idea of a shift towards a weakening of academic autonomy and power
- The meso level of agencies act as important vectors of influence and power for the group of academics
- In this new scenario, the **structuring features of the Argentine academic profession exacerbate**, by increasing the gap between generations, hierarchies and employment status.
- The externally controlled group of academics that served as peer reviewers
 constitutes an academic elite that provides an equilibrium in the relationship
 between the academic profession and the state, with a strong influence on the
 regulation of the academic profession (Whitley, 2007).



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