Nodding or Needling:
Measuring Delegate Responsiveness in an Authoritarian Parliament

Web Appendix (Not to be included in published manuscript)

Table A1: Descriptive Statistics
Table A2: Top National Assembly Speakers
Table A3: Questions by Ministry
Table A4: Bivariate Correlation of Key Variables Used in Analysis
Figure A5: Career Fixed Effects (Questions Asked and Criticism of Ministers)
Figure A6: Career Fixed Effects (Local and Constituency Responsiveness)

Table A1: Descriptive Statistics

Dependent Variables	**N**	**Mean**	**Std. Dev.**	**Min**	**Max**
Speeches	493	0.84	1.69	0.00	11.00
Question	493	1.57	3.33	0.00	27.00
Critical (%, ln)	493	0.11	0.28	0.00	1.61
Local (%, ln)	493	0.05	0.18	0.00	1.61
Constituency (%, ln)	493	0.08	0.23	0.00	1.95
Average Criticism	150	1.77	0.44	1.00	3.00
Key Causal Variables					
Central-Nominated Candidate	493	0.31	0.46	0.00	1.00
Fulltime Member	493	0.28	0.45	0.00	1.00
Vote Share in 2007 Election	493	73.40	11.00	50.03	99.07
Central-Nominated*Fulltime	493	0.15	0.36	0.00	1.00
Delegate-Level Controls					
Age (Years)	493	49.70	8.58	24.00	80.00
Male	493	0.72	0.45	0.00	1.00
Education	493	1.50	0.89	0.00	5.00
South of 17th Parallel	493	0.51	0.50	0.00	1.00
Province-Level Controls					
Party Member	492	0.91	0.28	0.00	1.00
Incumbent	493	0.30	0.46	0.00	1.00
Population (Millions)	493	1.70	1.32	0.31	6.35
Central Transfers/Provincial Revenue	493	91.48	99.51	0.32	552.90
Proportion of Roads with Asphalt	493	0.55	0.25	0.02	1.00
Secondary School Graduates	493	79.31	13.23	38.57	97.49

Table A2: Top National Assembly Speakers											
Delegate	**Speeches**	**Questions**	**Percent Critical**	**Age**	**Sex**	**Party Member**	**Incumbent**	**Fulltime**	**Central Nominated**	**North/ South**	**Transfers/ Revenue (%)**
Nguyễn Lân Dũng	11	18	22.2	69	Male	No	Yes	No	Yes	South	98.68
Danh Út	10	20	60.0	51	Male	Yes	Yes	Yes	No	South	27.10
Nguyễn Đình Xuân	10	16	50.0	36	Male	Yes	Yes	No	No	South	21.14
Nguyễn Minh Thuyết	9	16	43.8	59	Male	Yes	Yes	Yes	Yes	North	92.68
Nguyễn Đức Hiền	8	16	12.5	52	Male	Yes	No	No	Yes	South	126.25
Ngô Văn Minh	8	15	46.7	48	Male	Yes	No	Yes	No	South	95.44
Nguyễn Văn Phúc	7	16	37.5	52	Male	Yes	No	Yes	Yes	South	46.85
Dương Trung Quốc	6	14	71.4	60	Male	No	Yes	No	Yes	South	0.95
Nguyễn Hữu Nhị	6	14	14.3	49	Male	Yes	No	Yes	No	North	126.85
Trần Du Lịch	6	13	23.1	55	Male	Yes	Yes	Yes	No	South	0.42
Nguyễn Thị Bach Mai	6	12	41.7	51	Female	Yes	Yes	Yes	No	South	21.14
ỏF Luôc Nt	6	11	18.2	51	Female	Yes	Yes	Yes	No	South	98.68
Vũ Quang Hải	6	8	50.0	55	Male	Yes	No	No	No	North	34.74

Table A3: Most Queried Ministries

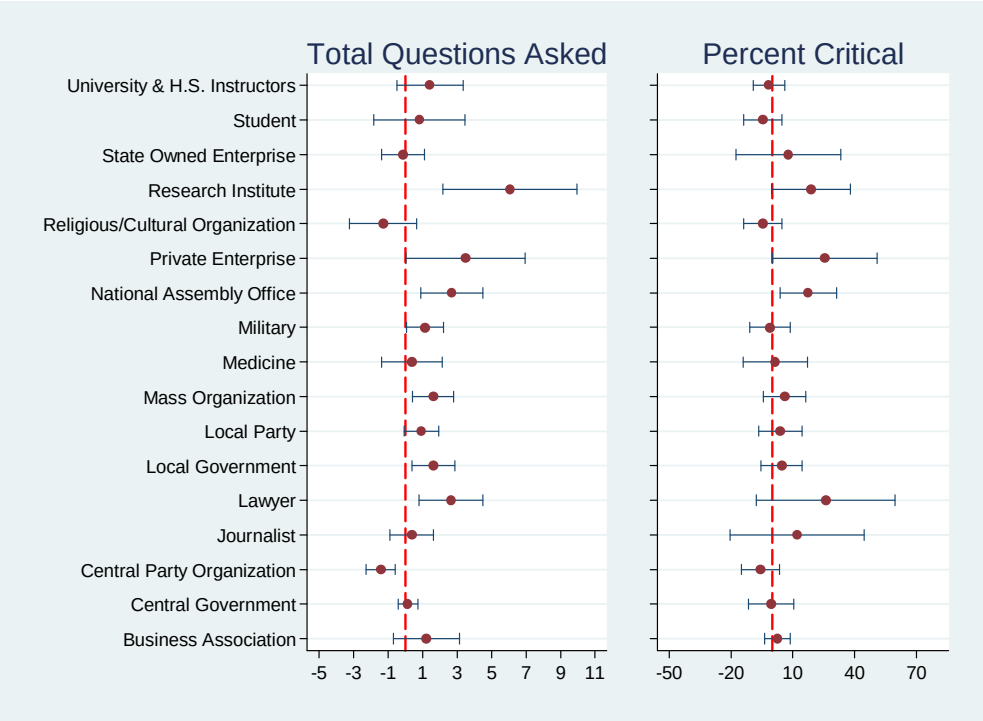
Minister	Number	Proportion Critical	Proportion Local
Agricultural & Rural Development	119	33.6%	21.0%
Industry and Commerce	105	50.5%	24.8%
Finance	87	56.3%	9.2%
Education	83	24.1%	13.3%
Natural Resources & Environment	65	49.2%	20.0%
Health	63	30.2%	11.1%
Labor, Invalids, and Social Affairs	61	36.1%	11.5%
Planning and Investment	58	39.7%	10.3%
Prime Minister	44	29.5%	13.6%
Home Affairs	32	34.4%	12.5%
Deputy Prime Minister	25	36.0%	32.0%
Transportation	19	52.6%	68.4%
State Bank	15	60.0%	0.0%

Table A4: Bivariate Correlation of Key Variables Used in Analysis

Variables	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1 Speaking Delegates	1																	
2 Total Speeches	0.9684*	1																
3 Criticisms of Ministers (%, ln)	0.4811*	0.4356*	1															
4 Local Issues Cited (%, ln)	0.3203*	0.3066*	0.3158*	1														
5 Mentioned Constituency (%, ln)	0.3678*	0.3245*	0.4064*	0.3970*	1													
6 Age (Years)	0.0437	0.0449	-0.0016	-0.0004	-0.052	1												
7 Male	-0.0091	-0.0024	-0.0507	0.0372	-0.1041*	0.4648*	1											
8 Education	0.0094	0.0212	0.0065	-0.0371	0.0198	0.1134*	0.1318*	1										
9 South of 17th Parallel	0.1270*	0.1273*	0.0577	0.1210*	0.0544	0.0183	0.032	-0.0309	1									
10 Party Member	-0.0505	-0.0476	-0.0356	0.0195	0.0146	0.1868*	0.1979*	0.082	0.079	1								
11 Incumbent	0.1050*	0.1016*	0.0594	0.0091	0.0015	0.3097*	0.0955*	0.068	0.0339	0.0418	1							
12 Central-Nominated Candidate	-0.0394	-0.0393	-0.0236	-0.0611	-0.059	0.3949*	0.2229*	0.3248*	-0.0281	0.0783	0.2746*	1						
13 Fulltime Member	0.1990*	0.1984*	0.1737*	0.0958*	0.1137*	0.1225*	0.1722*	0.1022*	0.0759	0.1917*	0.2614*	0.2873*	1					
14 Vote Share in 2007 Election	-0.0761	-0.0758	-0.1581*	-0.083	-0.0908*	0.2225*	0.1716*	0.0169	-0.3865*	0.1359*	0.1284*	0.2233*	0.0548	1				
15 Population (1000s)	0.0002	0.0206	0	-0.0131	-0.0005	0.1580*	0.016	0.0836	0.0174	-0.0254	0.0213	-0.046	-0.1111*	-0.2352*	1			
16 Central Transfers/Provinical Revenue	-0.1033*	-0.1132*	-0.0947*	-0.0344	-0.0576	-0.1173*	-0.0236	-0.1011*	-0.3971*	0.0469	-0.0391	0.0403	0.0198	0.3880*	-0.3631*	1		
17 Proportion of Roads with Asphalt	-0.0003	0.0077	-0.0358	-0.0853	-0.0435	0.1066*	-0.026	0.1353*	-0.2743*	-0.1284*	0.0008	-0.0072	-0.0756	0.0577	0.1839*	-0.3598*	1	
18 Secondary School Graduates	0.0123	0.0359	-0.0156	0.0059	-0.0158	0.1254*	0.0169	0.0621	0.1021*	-0.0753	-0.0004	-0.0383	-0.0803	-0.2022*	0.4241*	-0.6108*	0.4172*	1

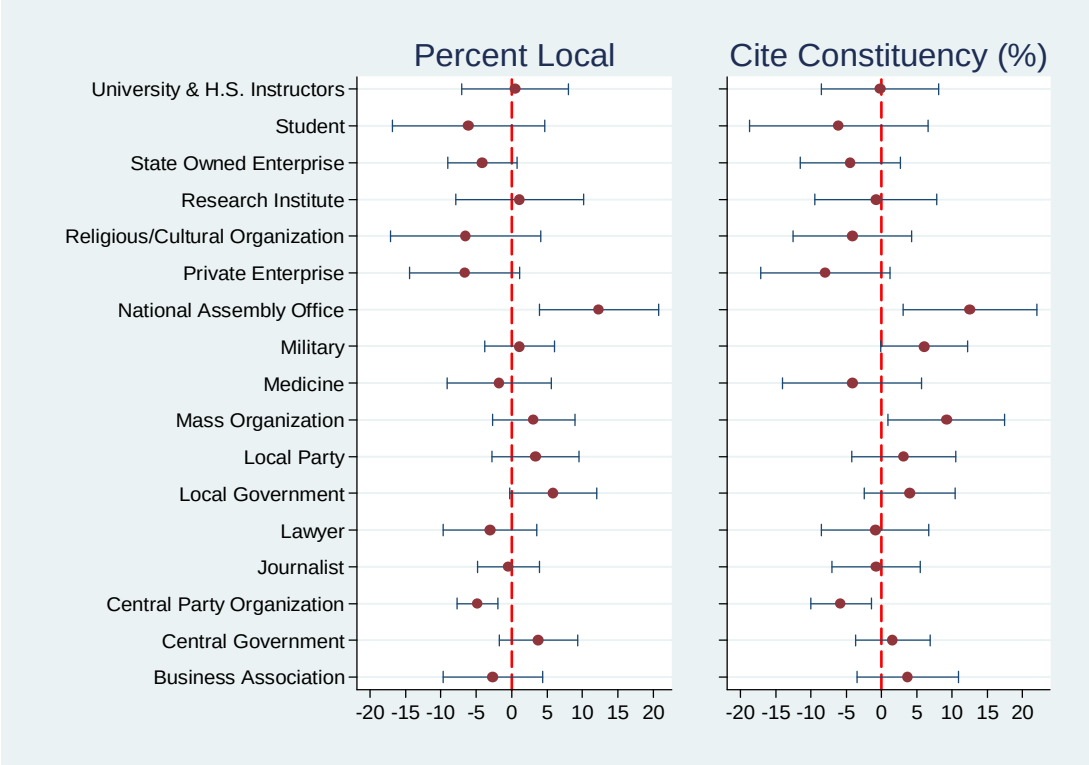
* Significant at the .05 Level; ln denotes log transformation

Figure A5: Career Fixed Effects
(Questions Asked and Criticism of Ministers)



Dots represent point estimates, range bars represent 95% Confidence Intervals
Regressions control for delegate demographics (age, sex, education, career fixed effects), delegate status (incumbent, central nominee, full-time), and provincial characteristics (net transfers, size of population, share of agricultural output). Derived from Tables 3 & 5 (Model 5).

Figure A6: Career Fixed Effects
(Local and Constituency Representation)



Dots represent point estimates, range bars represent 95% Confidence Intervals
Regressions control for delegate demographics (age, sex, education, career fixed effects), delegate status (incumbent, central nominee, full-time), and provincial characteristics (net transfers, size of population, share of agricultural output). Derived from Table 6 (Model 3 & 8).