The Evolution of Modes of Interaction Among Policy Actors:
A Legal Analysis

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Research Background:
Governance, Collaborative Management, Network....

- Long standing discussion on the shift from Government to Governance

  - Government Structure: from Bureaucracy to Post-Bureaucracy

  - Organization Structure: from Hierarchy to Network

  - Power Relationship: from Vertical to Horizontal

  - Policy Actor : From Single Dominant actor to Multiple Actors

  - Policy Activity: From independence to interdependence

Research Questions

- ## How do we know the shift?
  - Changes in Actors
  - Structural Changes
  - Changes in Communication and Interaction Modes
  - Changes in Nature of Policy Actions and Policy Objectives

- ## Research Questions: How can we empirically prove these?
  - Do policy activities become more connected and more interdependent?
  - Do policy actors become more diverse?
  - Are there any different types of interaction among different actors and how do they evolve?

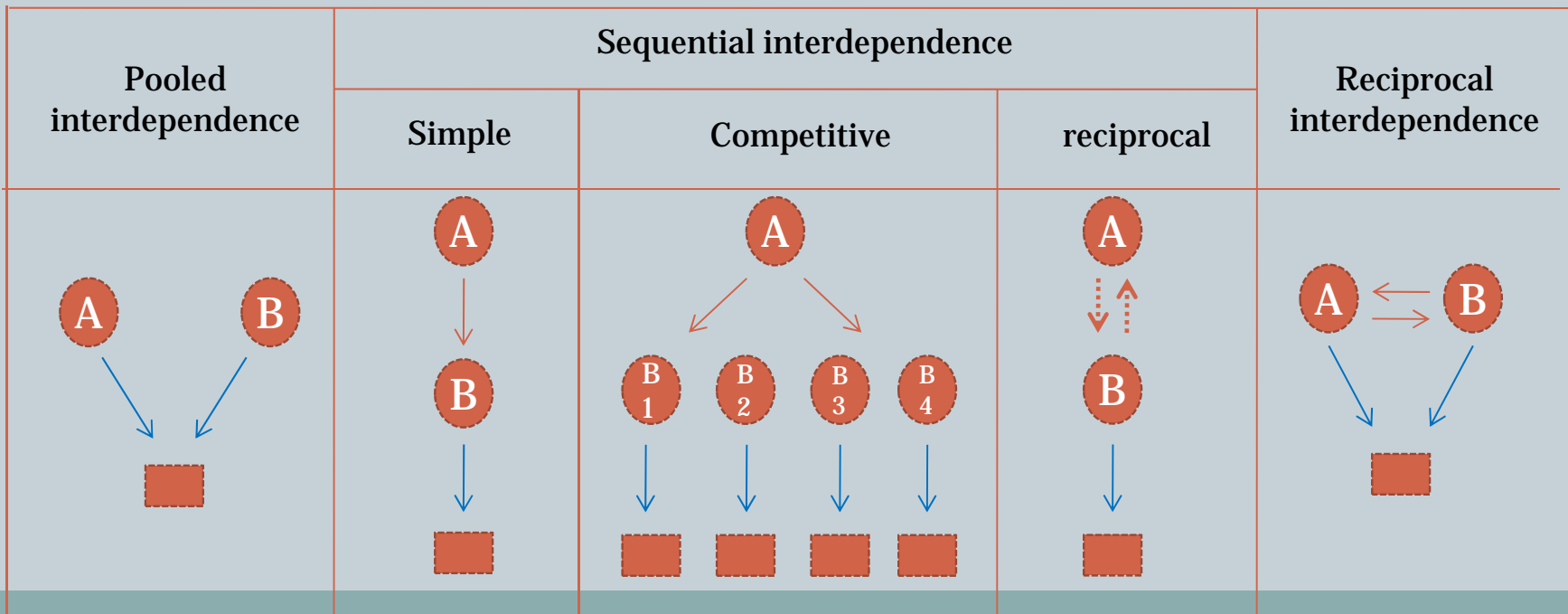# Vertical Complexity and Horizontal Complexity

- **Vertical Complexity: Intergovernmental Relations :**

  - Federalism < Intergovernmental Relations (IGR) <

    Intergovernmental Management (IGM)

- **Horizontal Complexity: public + private + nonprofit**

Literature : Interdependence

- Scharpf (1978): Unilateral dependence, mutual dependence
- Thompson (1978); Pooled , Sequential, Reciprocal Interdependence
- O'Toole and Montjoy (1984)
  - Pooled, Sequential Simple, Sequential Competitive, Sequential-reciprocal, Reciprocal

Pooled interdependence	Sequential interdependence			Reciprocal interdependence
	Simple	Competitive	reciprocal	

Literature : Interdependence

- **3C: Collaboration, Coordination, Cooperation**
  - Similar but different Concept
  - Different modes of interdependence among actors

- **Collaboration, Coordination, And Cooperation**
  - different interaction level by degree of interdependence
  - Collaboration : Upper than the others
  - Coordination : Upper than the cooperation

Literature : Interdependence

- **5 Type of Interaction(in this paper)**
  - Cooperation
  - Coordination : Top-down, Bottom-up, and Two way
  - Collaboration

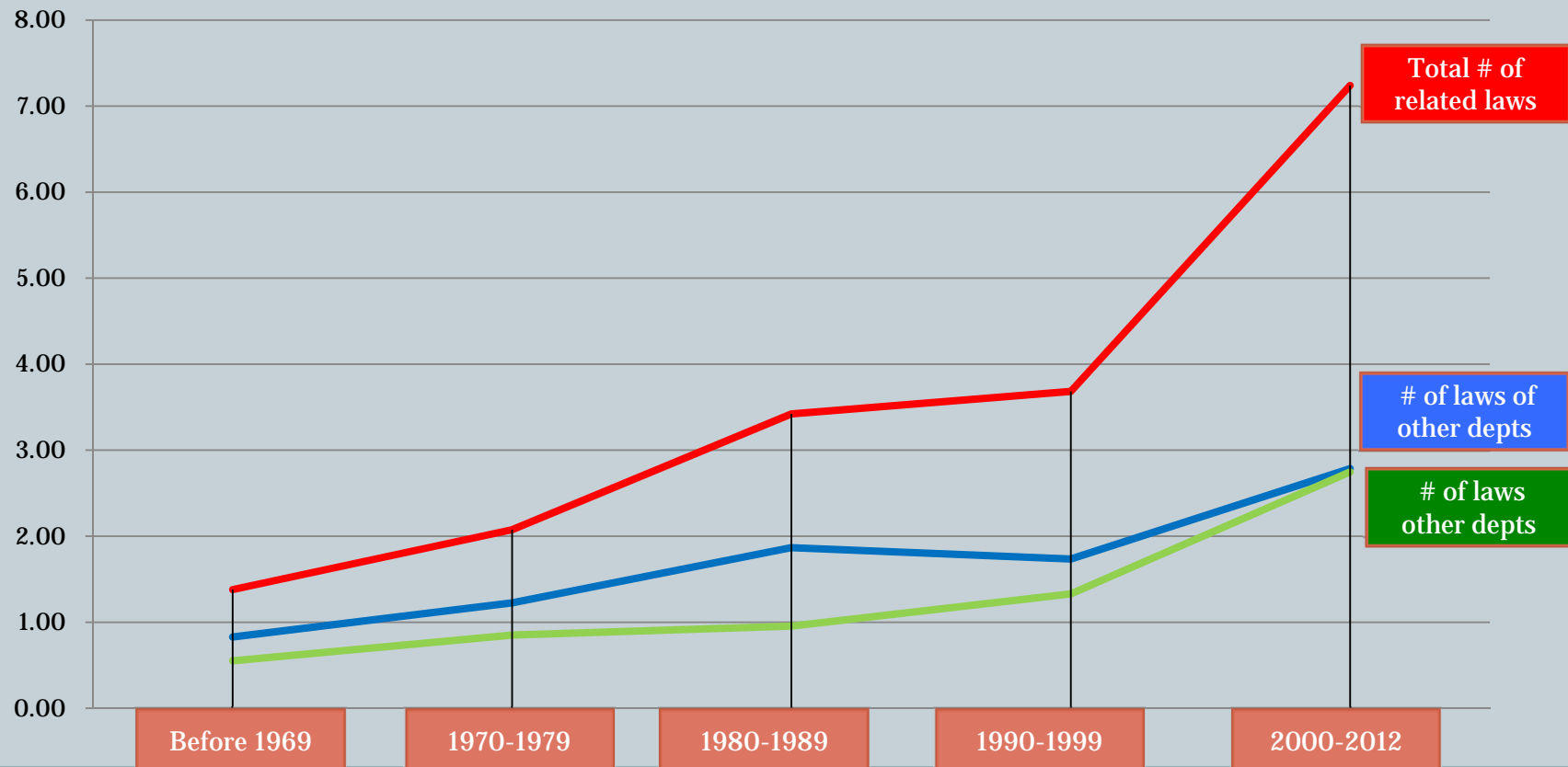| Cooperation	Coordination			Collaboration
	Top down coordination	Bottom up Coordination	Two way Coordination	
Pooled	**Sequential-Simple Liner**	**Sequential - reciprocal**	**Sequential-Competitive**	**Reciprocal**

Research Design: Data

- All the Laws subject to the Ministry of Education, Science and Technology(MEST)

- From 1956 to 2012

- 909 Laws including original and every revised versions
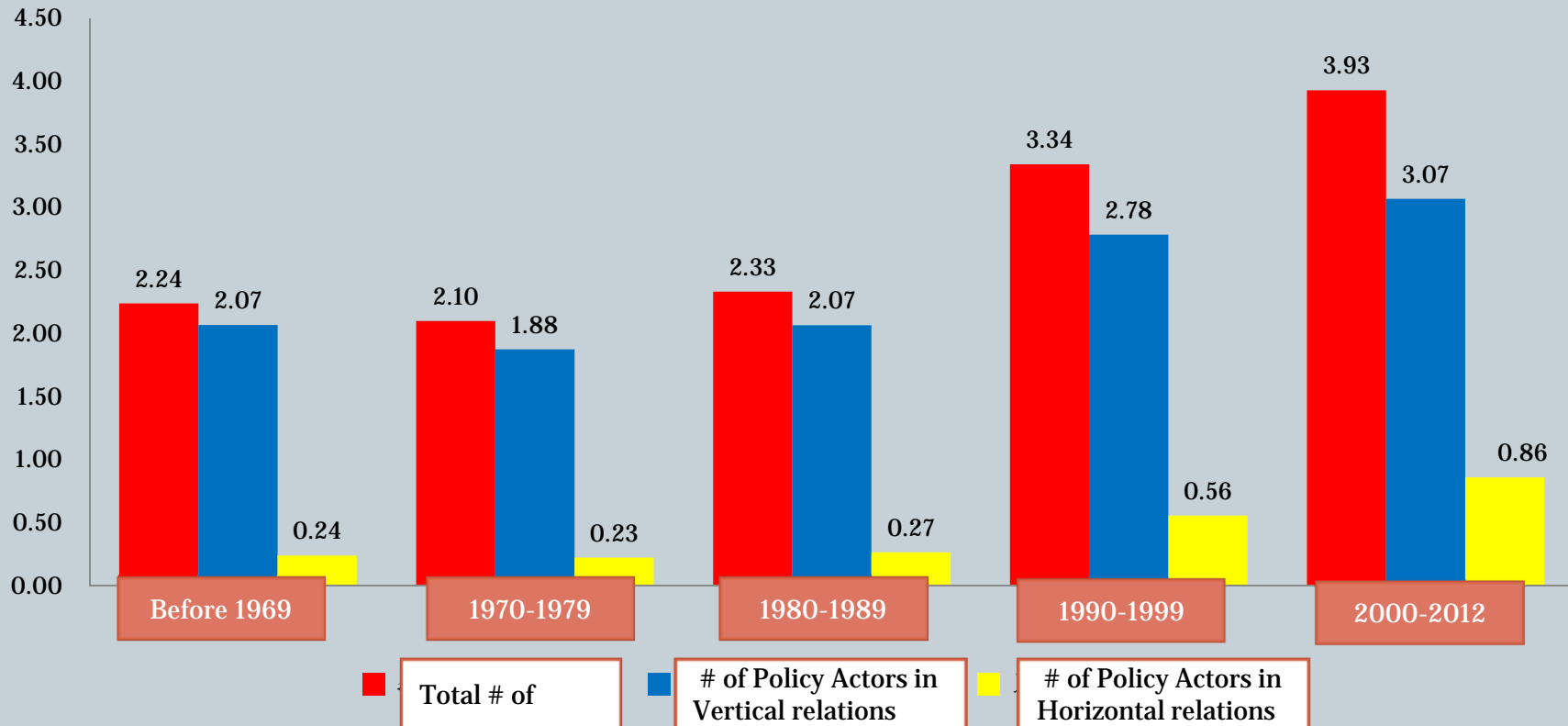
Result 1: Policy Activities (# of Laws)

- Total Number of related laws -> Total Policy Activities
- Number of other department laws in the particular law-> Interdepartmental Policy Activities
- Number of its own law in the particular law -> Intradepartmental Policy Activities

Total # of related laws

# of laws of other depts

# of laws other depts

| Before 1969 | 1970-1979 | 1980-1989 | 1990-1999 | 2000-2012 |

Result 2: Policy Actor

- Total Number of Policy Actors
- Number of Policy Actors in Vertical Relations
- Number of Policy Actors in Horizontal Relations

Result 2-1: Policy Activity in Vertical Relations

- Actors in Vertical Relations : Commission, Central, Provincial, and Local Government

	Before 1970	1970's	1980's	1990's	2000's
Single Dept	**31**	**37.5**	**35.6**	**22.8**	**16**
Only Provincial	10.3	5	6.7	0.6	0.2
Central + Provincial	**31**	**42.5**	**33.3**	**47.5**	**52.3**
Central + Commission	24.1	7.5	6.7	10.1	6.6
Central + Provincial +Local	**3.4**	**2.5**	**2.2**	**3.2**	**5.8**
Multiple Department (Central Level)		5	15.6	12.7	10.7
Commission + Central + Provincial				3.2	7.7
Commission + Central + Provincial + Local					0.8
Total(%)	100	100	100	100	100

Result 2-2: Policy Activity in Horizontal Relations

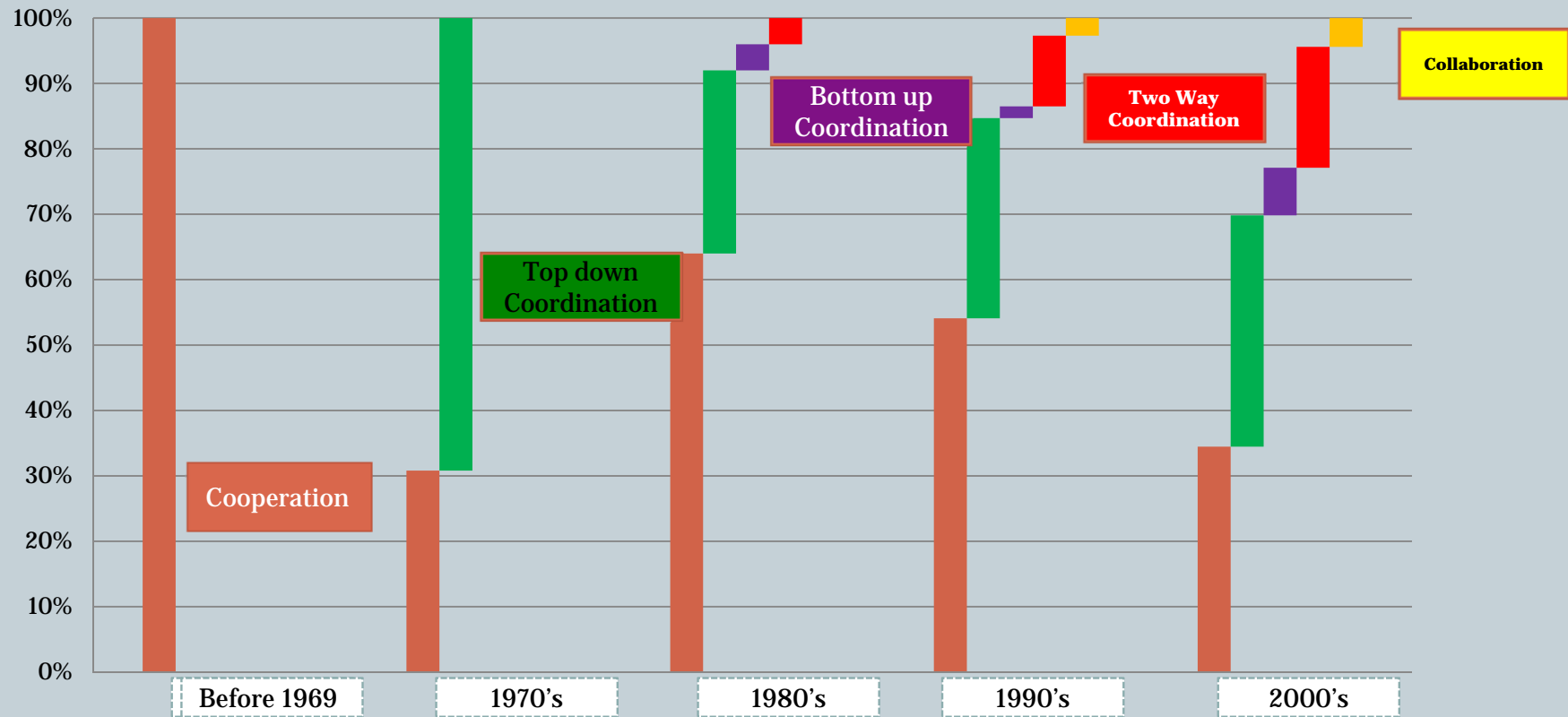- Actors in Horizontal Relations: Public, Non Profit, Private, and Professional Group

	Before 1970	1970's	1980's	1990's	2000's
None	**75.9**	**77.5**	**77.8**	**65.2**	**52.4**
Professional Group	24.1	10	6.7	3.8	10
Private		12.5	13.3	15.2	12.4
Public + Private			2.2	3.2	6
Only Public				5.1	6.1
Non Profit +Professional+ Private				3.2	1.4
Professional + Private				2.5	4.7
Public +Professional				1.9	1.4
Public + Non Profit + Private					2.5
Non Profit +Professional					1.3
Public + Non Profit +Profession					1.2
Only Non Profit					0.5
Total(%)	100	100	100	100	100

Result 3 : Policy Interaction

- **Degree of Policy Interaction**
  - Cooperation < Top down Coordination < Bottom up Coordination < Two way Coordination<Collaboration

Conclusions

- More Interdependent among different actors
- More actors in vertical and horizontal relations
- Evolution of modes of interactions among policy actors
- From Government to Governance: Simple Cooperation→ Top Down Coordination→ Bottom up Coordination→ Two-way Coordination→ Collaboration
- Need to identify the right fit between modes of interaction and policy activities.

THANT YOU