

# Social Capital and Territorial Development: Experiences from rural Spain



27 th October, 2015

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# FCT

Fundação para a Ciência e a Tecnologia  
MINISTÉRIO DA EDUCAÇÃO E CIÊNCIA

UID/SOC/04011/2013



CSO2009-11076  
CSO2012-32792



Unidad de Desarrollo Rural



UNIVERSITAT  
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4. **Concluding remarks and next steps**

(1): Theoretical and conceptual aspects in this section come from Esparcia, J., Escribano, J., Serrano, J.J. (2016): "Una aproximación al enfoque del capital social y a su contribución al estudio de los procesos de desarrollo local". *Investigaciones Regionales – Journal of Regional Research*, 34: 1-23.

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**Concepts**

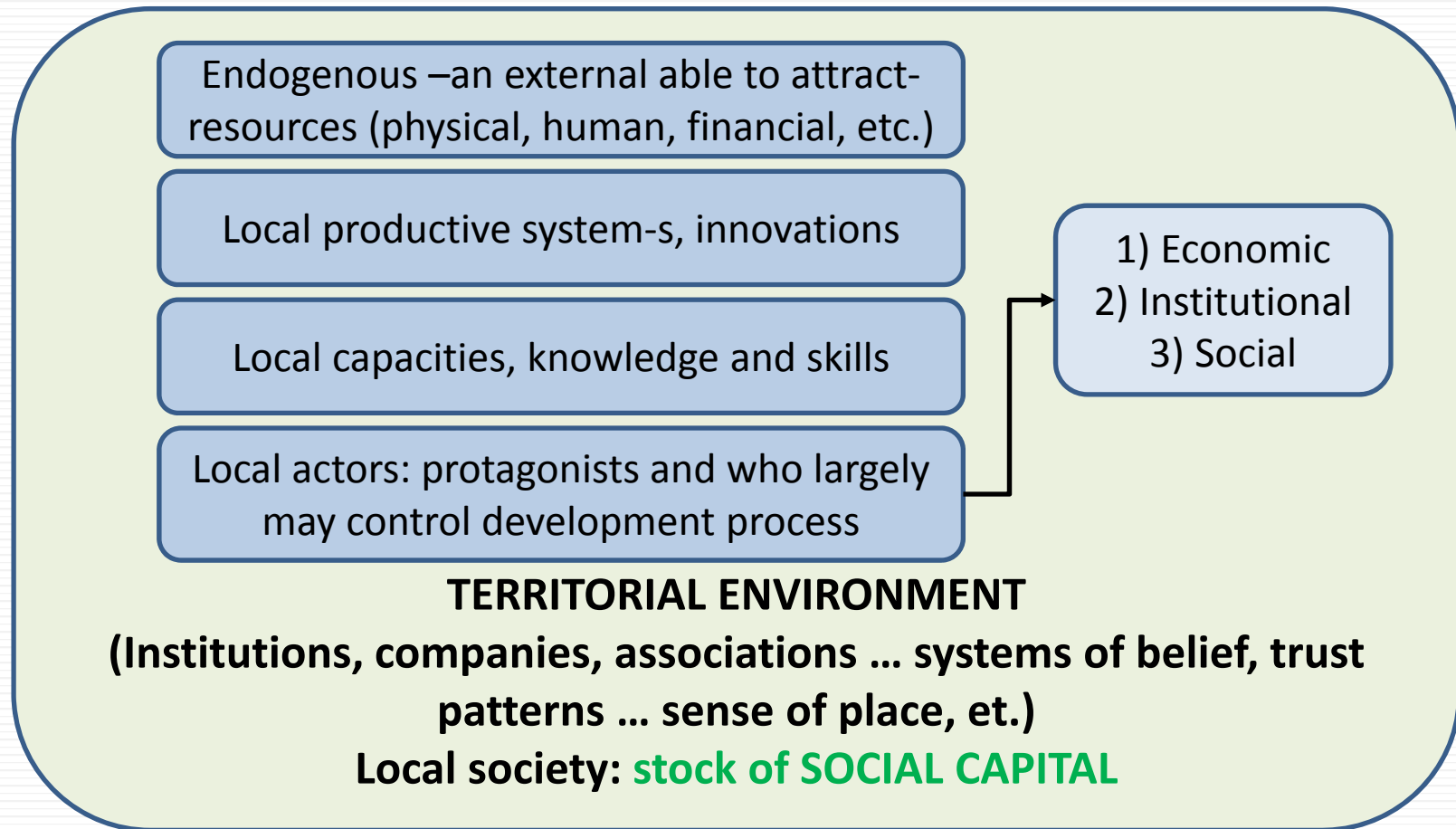
**Our study**

**Results- discus.**

**Concluding rem.**

# 1. Key concepts and conceptual framework

## Local Development Processes



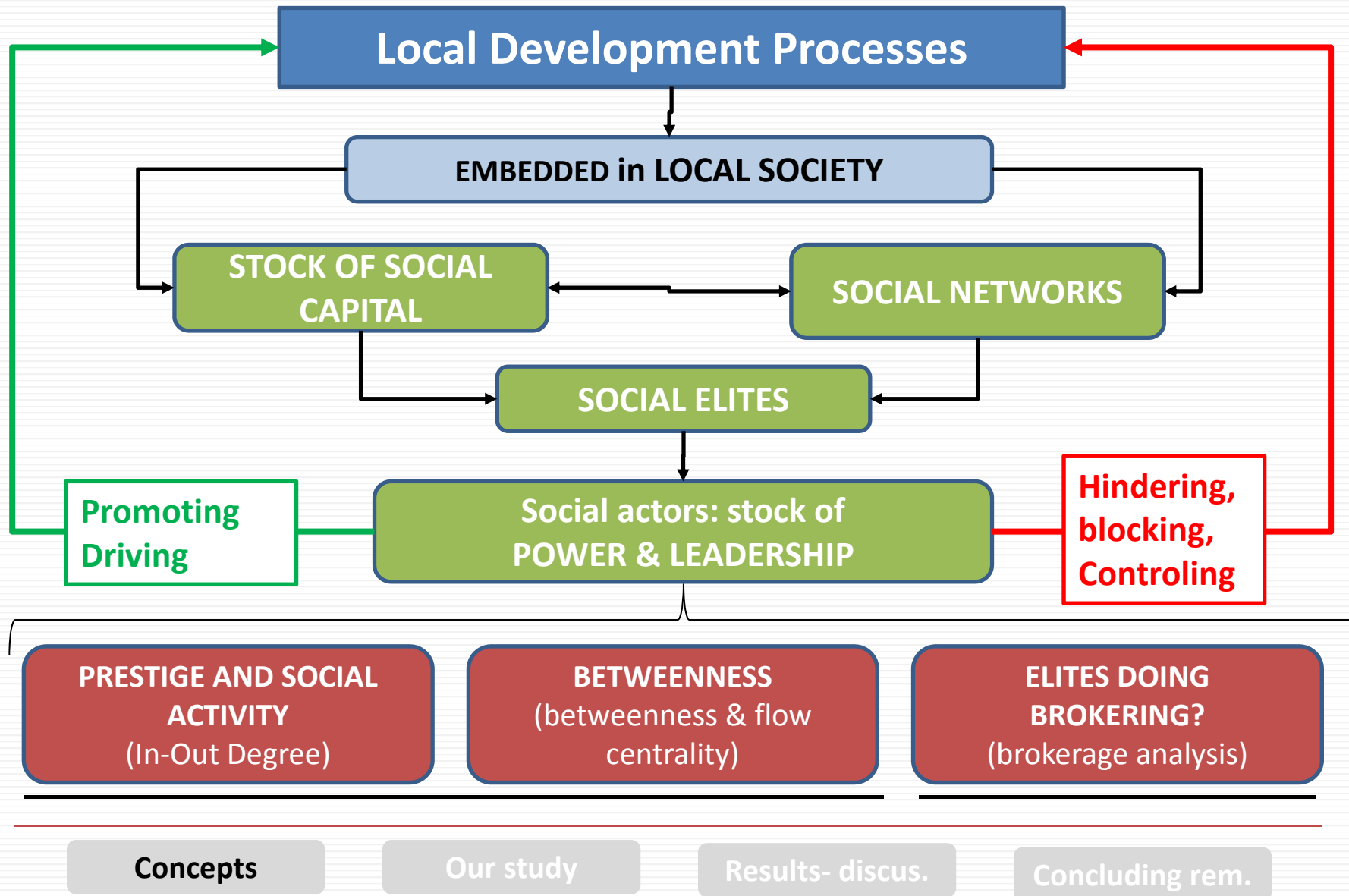
Concepts

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# 1. Key concepts and conceptual framework



# 1. Key concepts and conceptual framework

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## 1. Social capital is crucial for local development

- ❑ *“Social capital is a necessary precondition for successful development”* (Fukuyama, 1999)

## 2. Two complementary types of SC

- ❑ Social cohesion within social classes and territories ((Bonding SC)
- ❑ Better & efficient connections with other “social groups” and territories (Bridging & Linking SC)

## 3. Several conceptual and methodological approaches

*(Bourdieu, 1972; Granovetter, 1973; Coleman, 1988; Putnam, 1993; Portes, 1998; Fukuyama, 1999; Lin, 1999, 2001; Ferragina, 2012)*

# 1. Key concepts and conceptual framework

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## 4. Relational component of social capital

- **Relational component of social capital** (“*Social Capital is much about relations & networks*”) → **Lin** (1999): “Building a network theory of social capital” (Connections, 22-1-)
- “Structure of relationships between actors that facilitates productive activities ... in which information may be shared and agreements may be implemented” (**Coleman**, 1988)
- “Features of social organization such as trust, norms and networks, that can improve the efficiency of society facilitating coordinated actions” (**Putnan**, 1993)

# 1. Key concepts and conceptual framework

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## 4. Relational component of social capital

- Actors that interact, cooperate and compete for resources and benefits (economic, cultural, symbolic and social prestige). Only through networks of social actors it is possible to use and mobilize social capital and, through this, the economic, cultural, symbolic, etc.. (Bourdieu, 1986, 2000)
- *“Social capital must be conceived as resources accessible through social ties that occupy strategic locations and / or significant organizational positions. Operationally, social capital can be defined as resources embedded in social networks to which some actors access and use them to action.”* (Lin, 2001 :24-25).

# 1. Key concepts and conceptual framework

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## 5. Social capital, social networks ... and leadership

- Local development: processes of change from local communities (To cope with crisis and decline and to adapt rural communities to new and changing scenarios)
- -Resilient- processes of change: from local communities with varying support from external forces (actors, policies, etc.), but
- Who conducts –or hinder- processes of change?: **elites & leadership** (local communities and their **social networks**)
- Effective elites & leadership are not present everywhere (scarce resource); it is a key success –development- factor (**prestige positions in social networks: leadership?**)→
- Lack of efficient social networks & leadership & negative social capital: block –resilient local development processes of change



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4. Concluding remarks and next steps

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Concepts

**Our study**

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## 2. Our study

### 1. Research hypothesis and objectives

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#### 1. Research hypothesis and questions

- Background idea: local development process are
  - result of a combination of historic, cultural, economic, social, political and geographical characteristics,
  - directly linked to the stock of social capital plus the leaderships emerging from it, and the role those leaderships have promoting and driving local development process (or hindering or blocking them)
- All the engaged actors and having significant roles in local development process do not have the same potential capacity to assume and develop leadership functions in the process

## 2. Our study

### 1. Research hypothesis and objectives

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#### 1. Research hypothesis and questions

Therefore,

- Is it emerging a wide stock of potential leadership in rural social networks?
- how heterogeneous is the prestige-power-potential leadership distributed within a social network? Are there tendencies to concentration in a short number of social actors?
- From what social sectors come the most relevant stock of prestige-leadership-power able to drive local development process in rural areas?
- Wat are the specific roles played by the most prestigious, powerfull and potential leaderships in the social networks?

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Concepts

**Our study**

Results- discus.

Concluding rem.

## 2. Our study

### 2. Objects of analysis and methodological approach

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#### 1. Objects of analysis

- Sample of rural regions characterized by ongoing local development process, promoted and partly linked to rural development programmes
  
- Sample of –mainly- local actors
  - engaged in local development process
  - being “relevant actors” in a some of the fields closely linked to development process (economic activities, local institutional environment, social fabric and managerial class)
  - Recognized as “relevant” at scale of rural region (not just municipal scale)

#### 2. Methodological approach: Social Networks Analysis

- Position and roles in social network as source of prestige-power-potential leadership

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Concepts

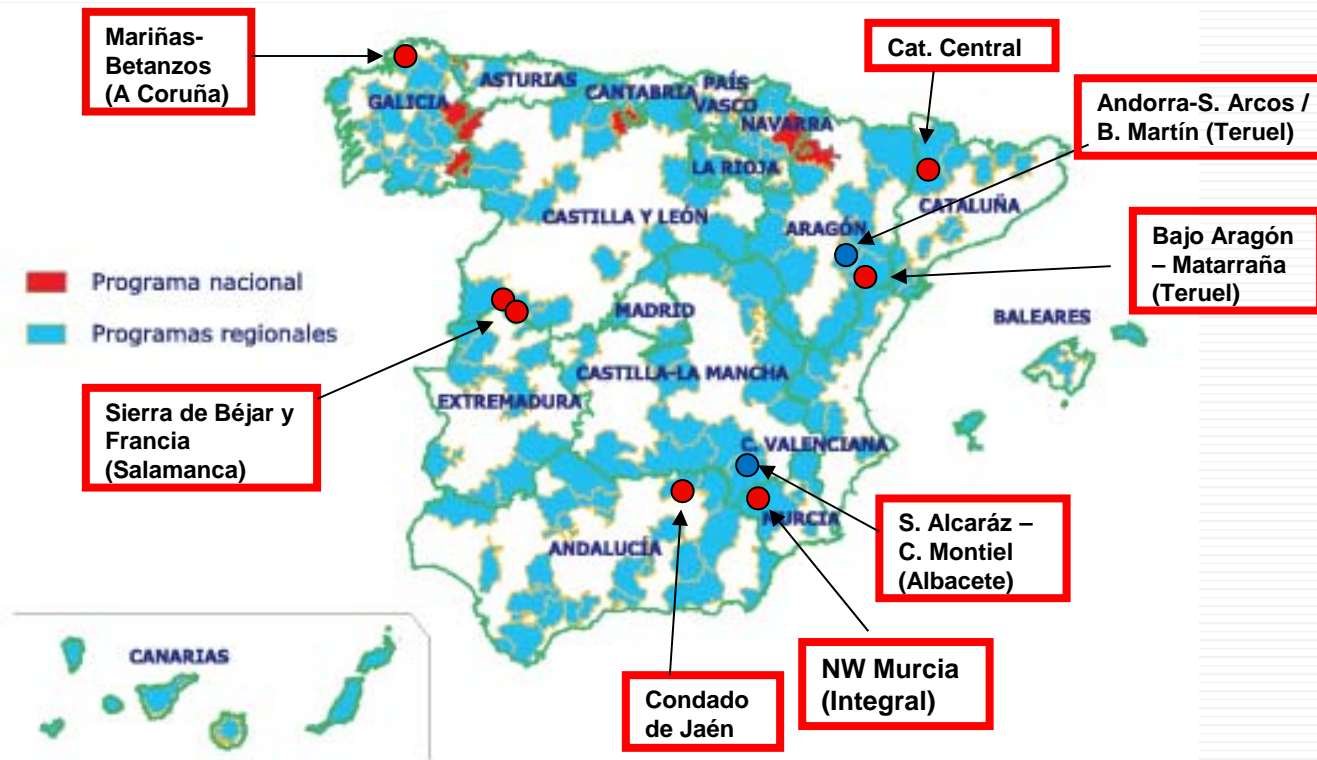
**Our study**

Results- discuss.

Concluding rem.

## 2. Our study

### 3. Study regions and data gathering



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Concepts

Our study

Results- discus.

Concluding rem.

## 2. Our study

### 3. Study area and data gathering

#### 1. Source of data: Interviews to “relevant” actors

Sample of LEADER regions	Number and distribution of interviews		Actors by roles (2)				
			Global	Economic	Instituc.	Social	Manager.
Sacam (Albacete)	59	14%	12%	13%	14%	13%	7%
Adibama (Teruel)	54	13%	12%	10%	24%	9%	7%
Betanzos (A Coruña)	45	11%	12%	16%	9%	11%	8%
Condado (Jaén)	51	12%	13%	12%	6%	19%	14%
Integral (NW Murcia)	47	11%	9%	14%	5%	2%	17%
Asam (Salamanca) (1)	33	8%	9%	8%	5%	13%	13%
Adriss (Salamanca) (1)	24	6%	6%	7%	5%	7%	6%
Catalunya Central	54	13%	13%	9%	14%	15%	17%
Omezyma (Teruel)	60	14%	13%	11%	20%	12%	11%
TOTAL	427	100%	100%	100%	100%	100%	100%

(1): same region, two –almost independent- social networks

(2): Many actors develop two roles

Concepts

**Our study**

Results- discus.

Concluding rem.

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Concepts

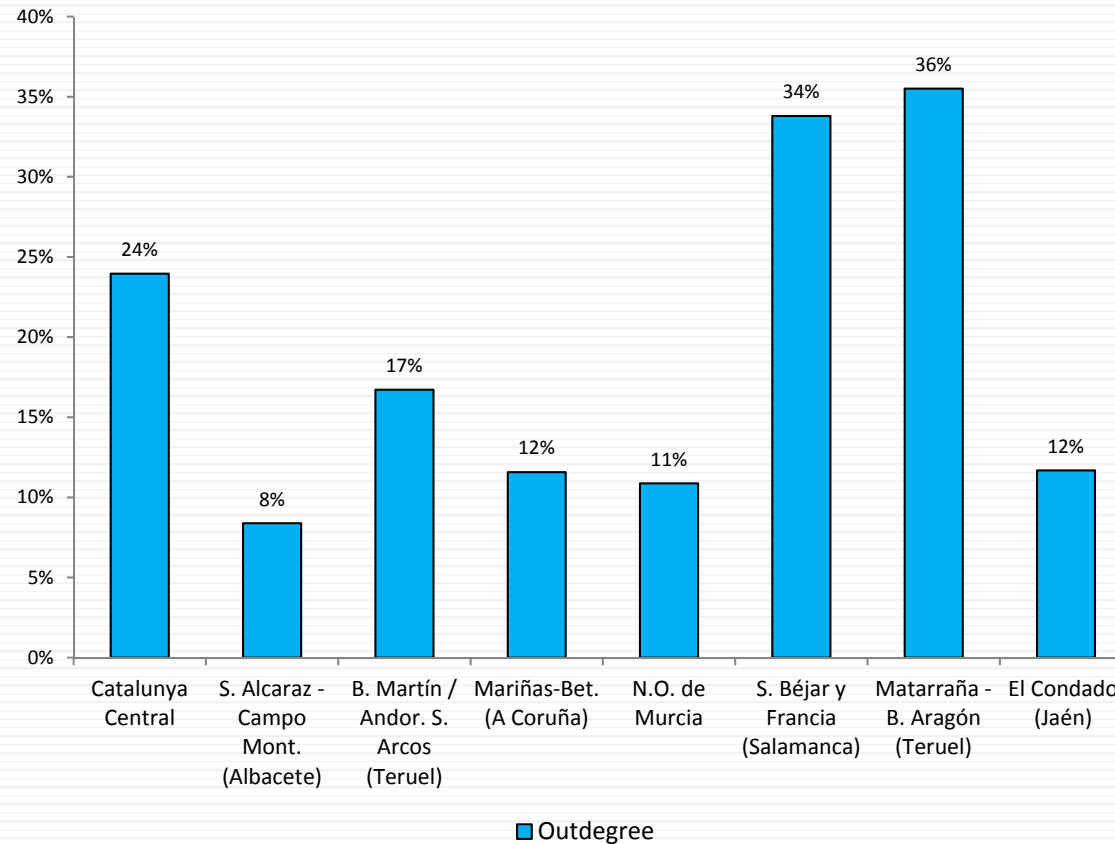
Our study

**Results- discus.**

Concluding rem.

## 3. Results and discussion: social activity, prestige, elites & power

### 3.1. Actors' social activity (outdegree)



Concepts

Our study

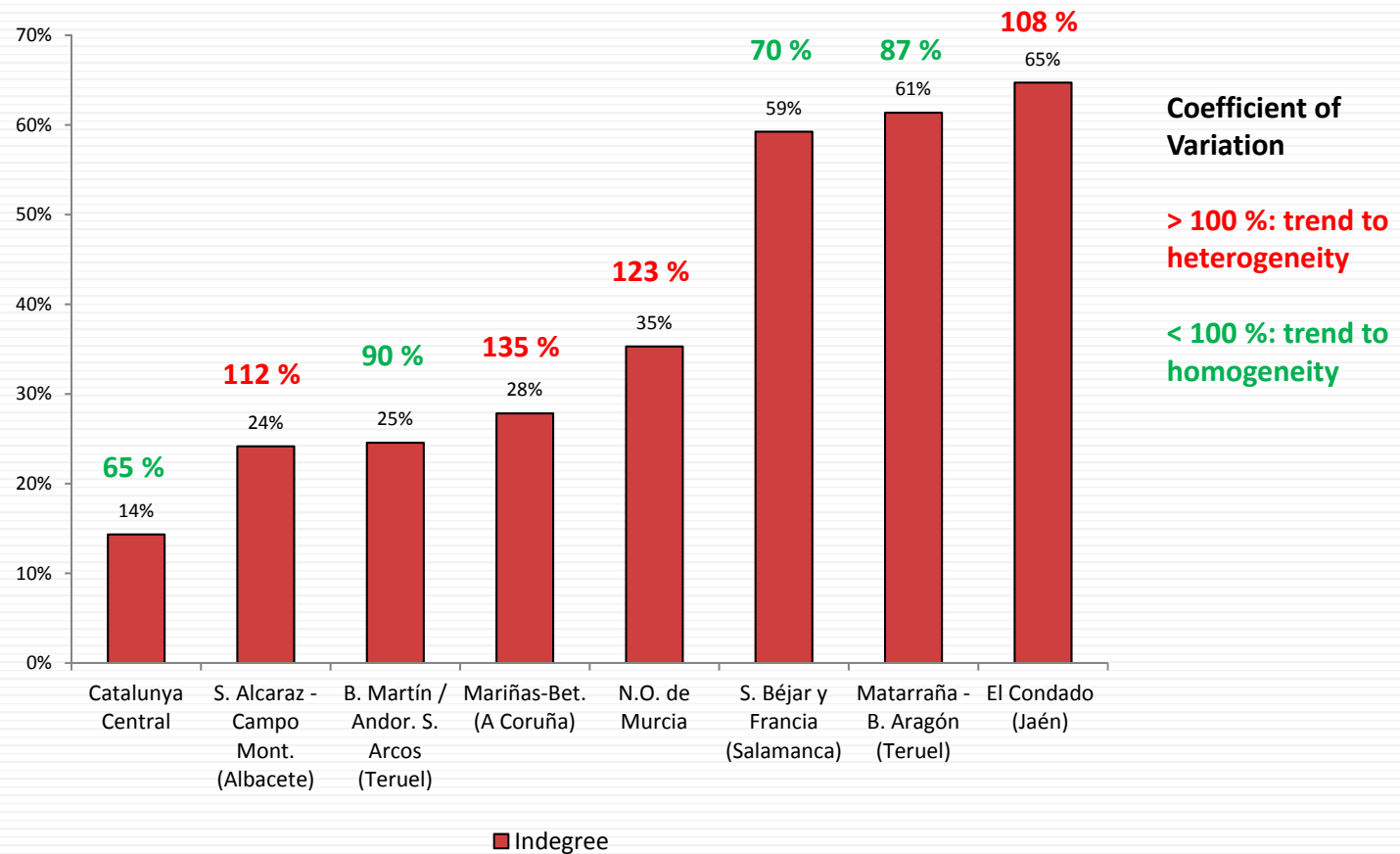
**Results- discus.**

Concluding rem.



### 3. Results and discussion: social activity, prestige, elites & power

#### 3.2. Actors' prestige and potential leadership roles (indegree)



Concepts

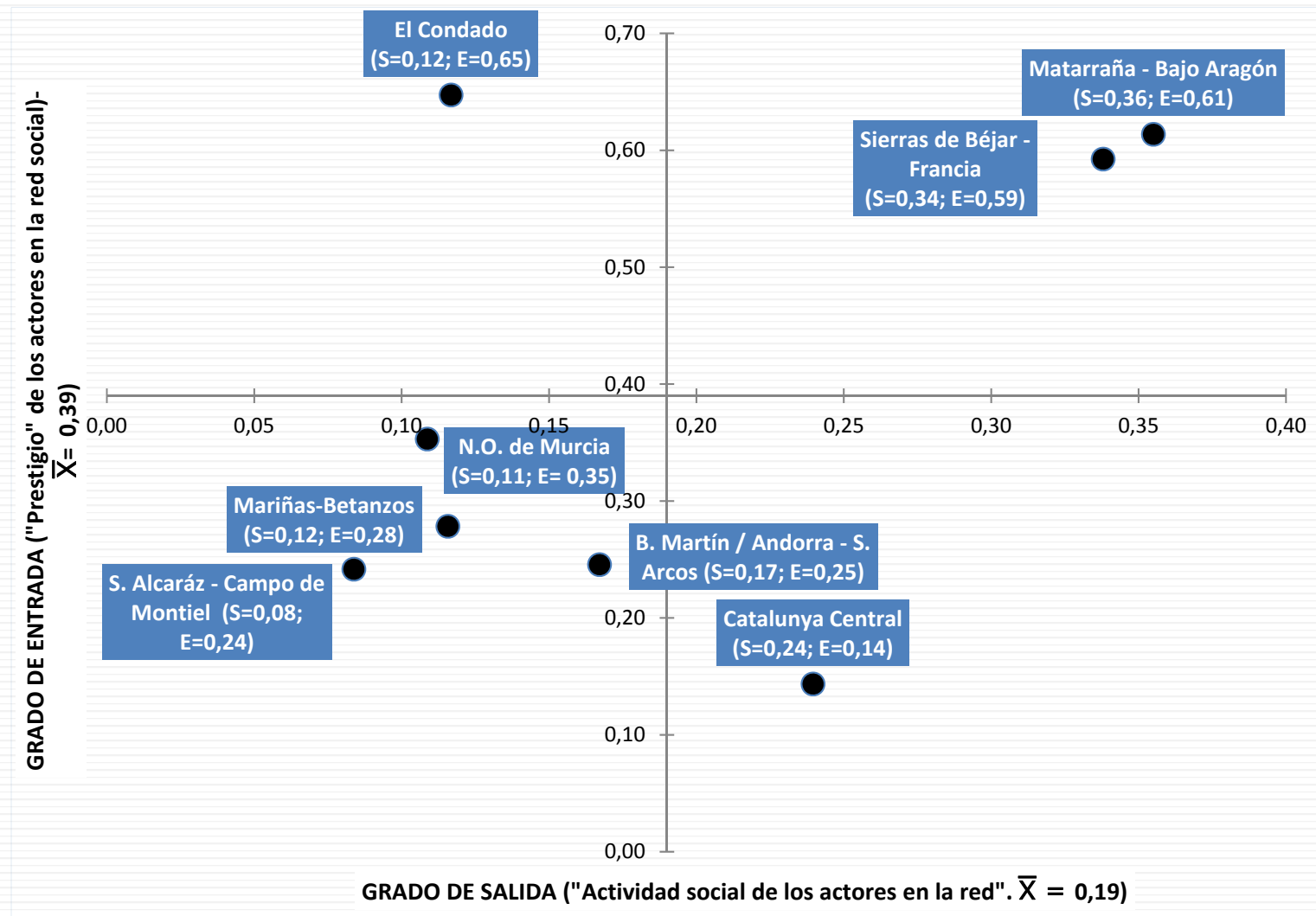
Our study

**Results- discus.**

Concluding rem.

### 3. Results and discussion: social activity, prestige, elites & power

#### 3.3. Actors' relational stock of social capital: outdegree vs indegree



Concepts

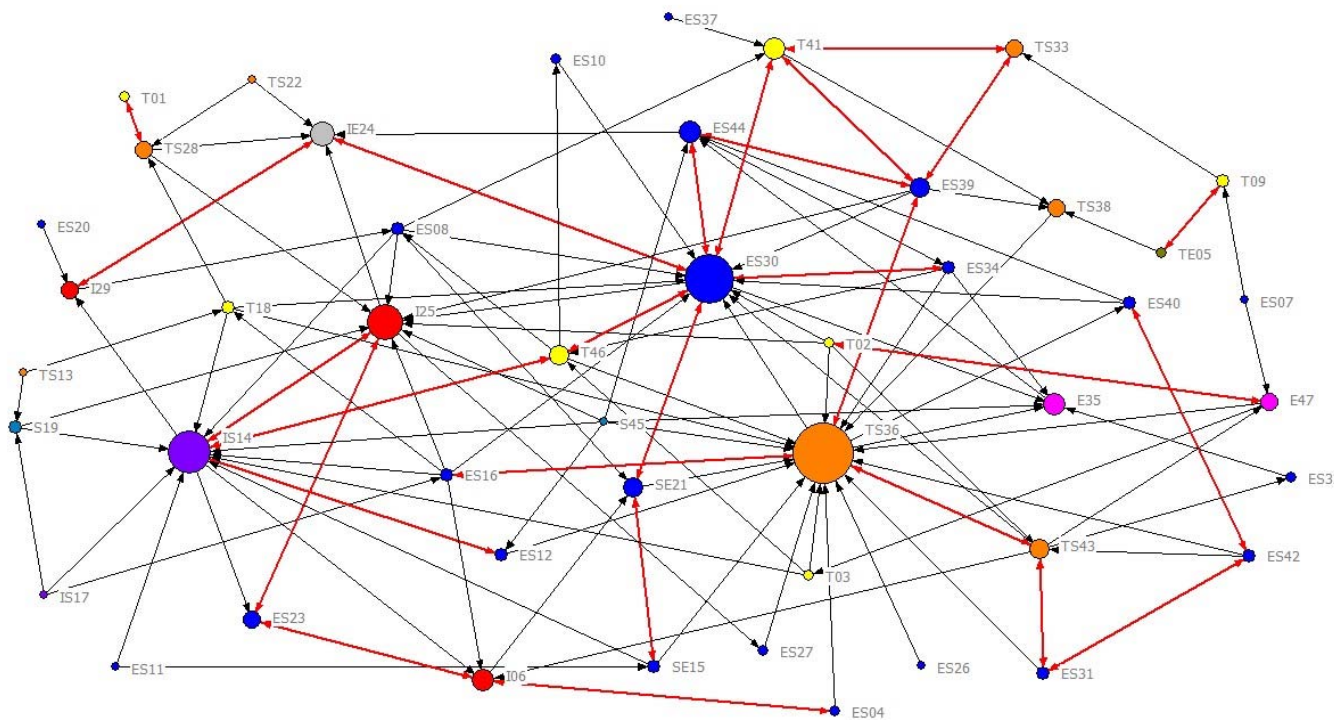
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Results- discus.

Concluding rem.

### 3. Results and discussion: social activity, prestige, elites & power

#### 3.1. Actors' prestige and potential leadership roles (indegree)



NW Murcia

Global	N =	47
	X med.	6,8
	Des.	8,3
	Coe.	123%
	Var.	0,56

- Institucional
- Técnico
- Social
- Económico
- Institucional + Técnico
- Técnico + Social
- Económico + social
- Institucional + Social
- Técnico + Económico
- Institucional + Económico

Concepts

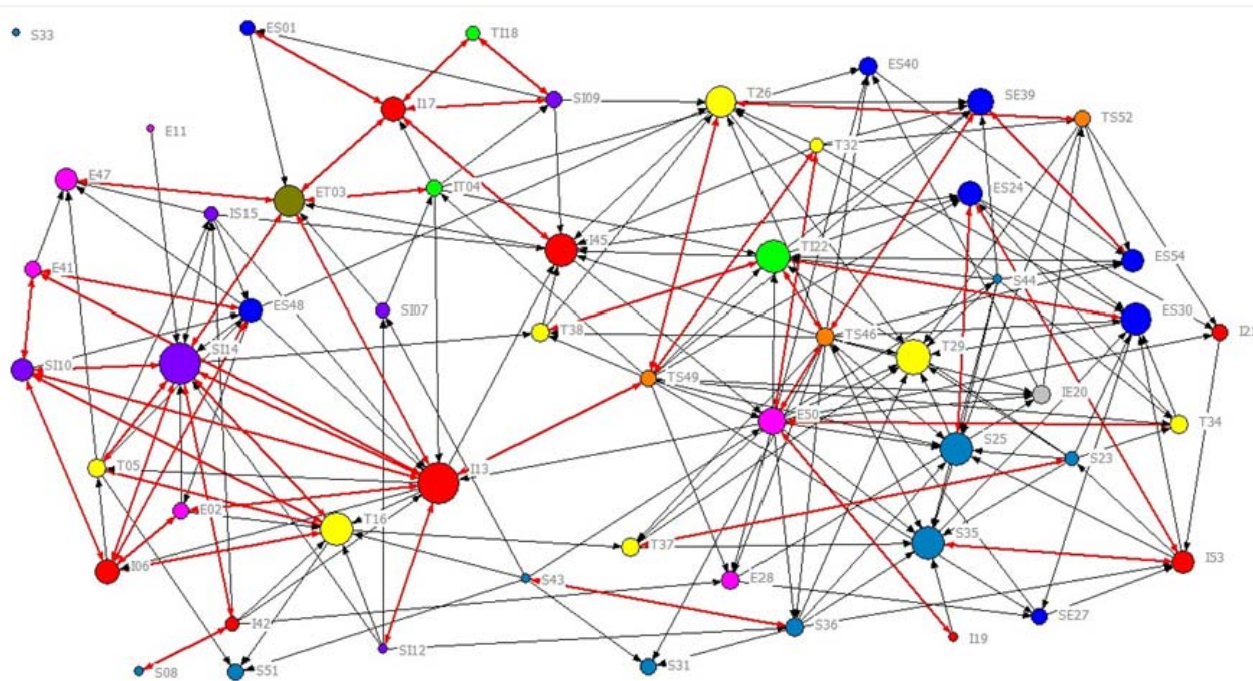
Our study

Results- discus.

Concluding rem.

## 3. Results and discussion: social activity, prestige, elites & power

### 3.1. Actors' prestige and potential leadership roles (indegree)



Central Catalunya

Global	N =	54
	X med.	8,6
	Des.	5,6
	Coe.	65%
	Var.	0,37

- Institucional
- Técnico
- Social
- Económico
- Institucional + Técnico
- Técnico + Social
- Económico + social
- Institucional + Social
- Técnico + Económico
- Institucional + Económico

Concepts

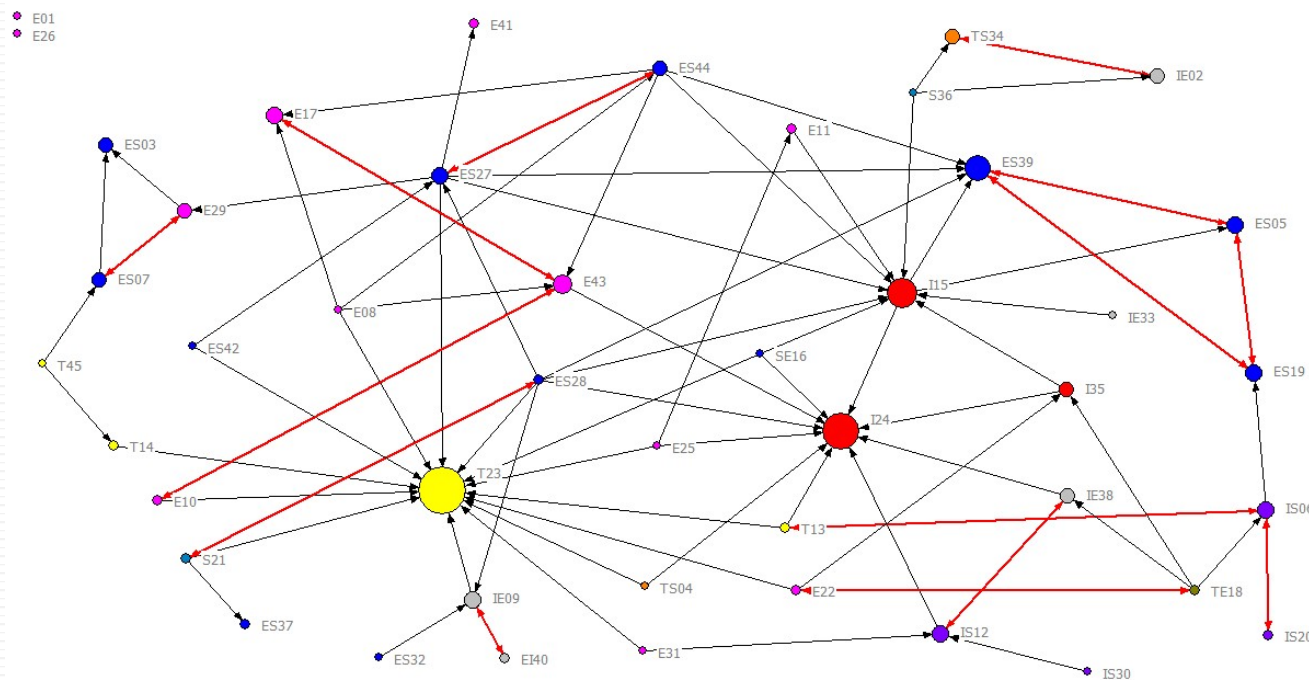
Our study

Results- discus.

Concluding rem.

# 3. Results and discussion: social activity, prestige, elites & power

## 3.1. Actors' prestige and potential leadership roles (indegree)



Mariñas-Bet.

Global	N =	45
	X med.	5
	Des.	6,2
	Coe.	135%
	Var.	0,61

- Institucional
- Técnico
- Social
- Económico
- Institucional + Técnico
- Técnico + Social
- **Económico + social**
- Institucional + Social
- Técnico + Económico
- Institucional + Económico

Concepts

Our study

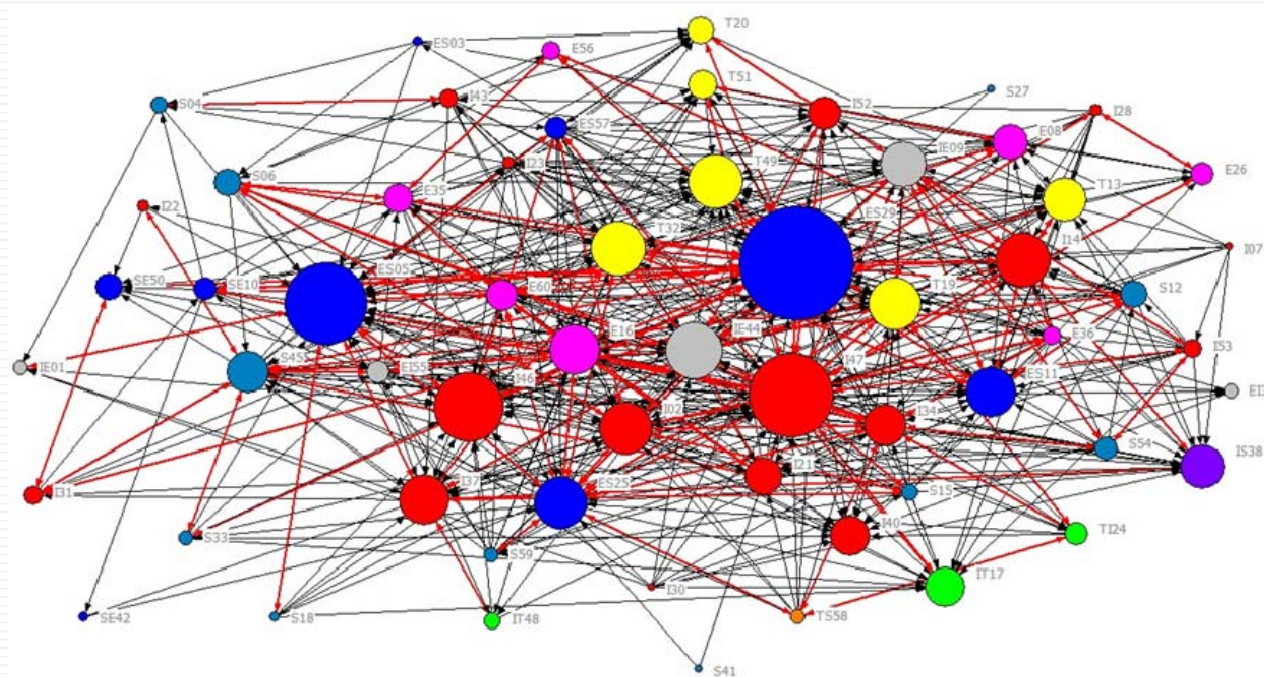
**Results- discus.**

Concluding rem.



### 3. Results and discussion: social activity, prestige, elites & power

#### 3.1. Actors' prestige and potential leadership roles (indegree)



OMEZYMA (TE)

Global	N =	60
	X med.	17,8
	Des.	15,6
	Coe.	88%
	Var.	
	Ind. Gini	0,47

- Institucional
- Técnico
- Social
- Económico
- Institucional + Técnico
- Técnico + Social
- **Economico + social**
- Institucional + Social
- Técnico + Económico
- Institucional + Económico

Concepts

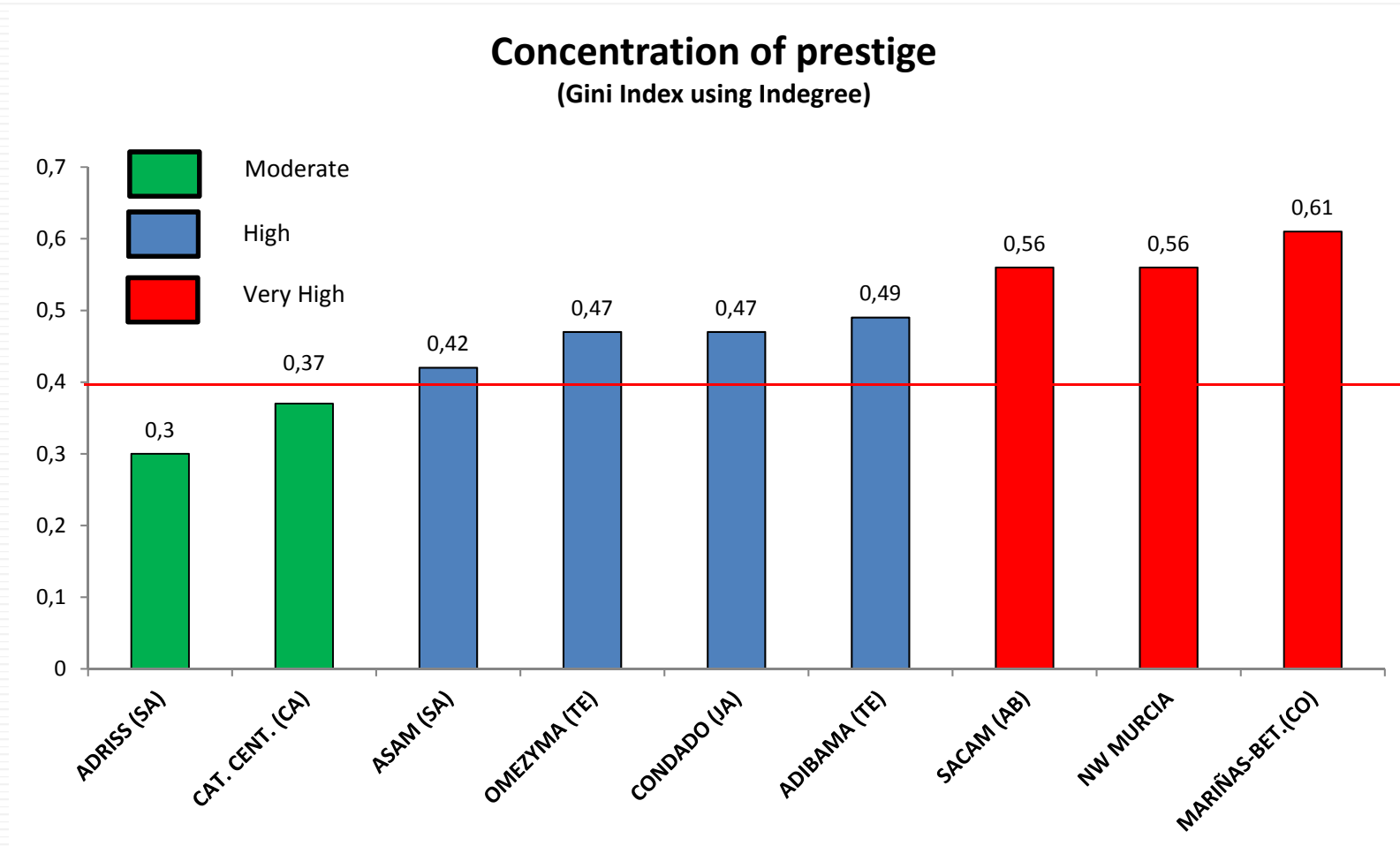
Our study

**Results- discus.**

Concluding rem.

# 3. Results and discussion: prestige, elites & power

## 3.1. Actors' prestige and potential leadership roles (indegree)



Concepts

Our study

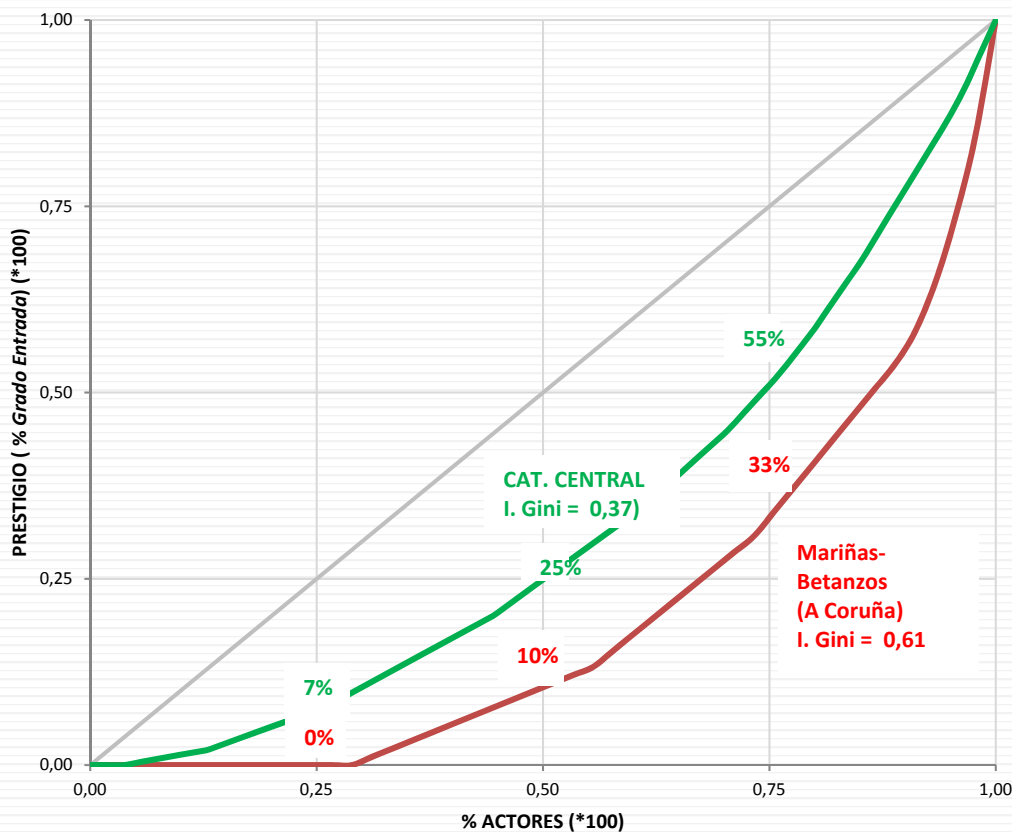
**Results- discus.**

Concluding rem.

# 3. Results and discussion: social activity, prestige, elites & power

## 3.1. Actors' prestige and potential leadership roles (indegree)

Comparative Lorenz Curve: Central Catalunya vs Mariñas-Betanzos (Coruña)



Central Cat.

Global	N =	54
	X med.	8,6
	Des.	5,6
	Coe.	65%
	Ind. Gini	0,37

Mariñas-Bet.

Global	N =	45
	X med.	5
	Des.	6,2
	Coe.	135%
	Ind. Gini	0,61

Concepts

Our study

Results- discus.

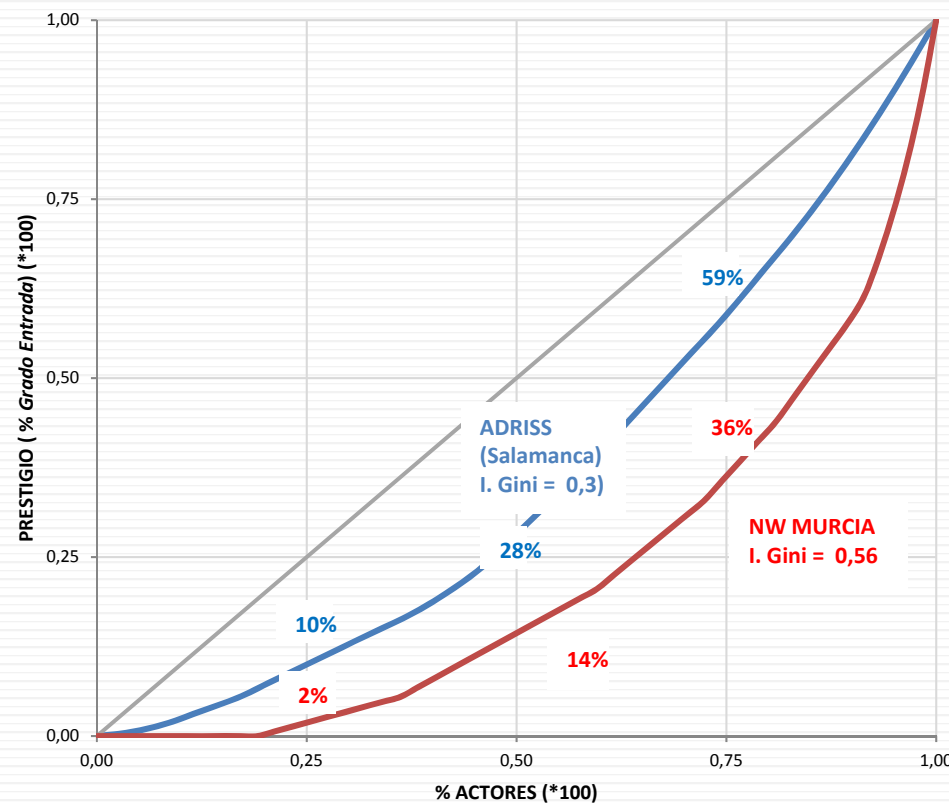
Concluding rem.



# 3. Results and discussion: social activity, prestige, elites & power

## 3.1. Actors' prestige and potential leadership roles (indegree)

Comparative Lorenz Curve: NW Murcia vs ADRISS (SA)



NW Murcia

Global	N =	47
	X med.	6,8
	Des.	8,3
	Coe. Var.	123%
	Ind. Gini	0,56

ADRISS (SA)

Global	N =	24
	X med.	13
	Des.	6,4
	Coe. Var.	51%
	Ind. Gini	0,30

Concepts

Our study

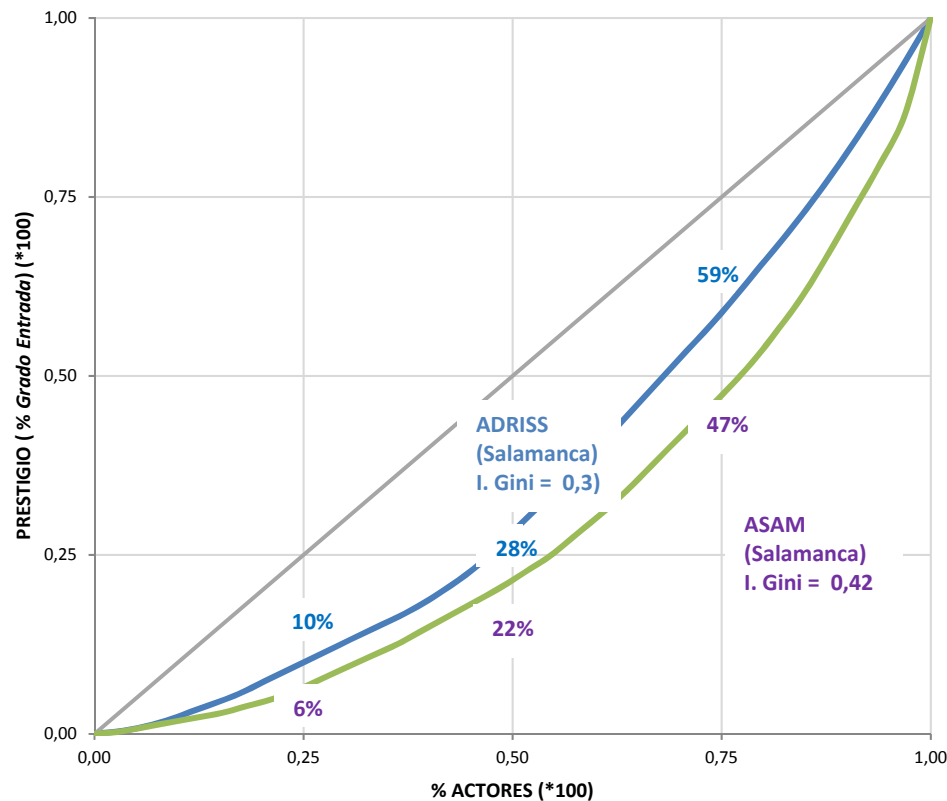
Results- discus.

Concluding rem.

# 3. Results and discussion: social activity, prestige, elites & power

## 3.1. Actors' prestige and potential leadership roles (indegree)

Comparative Lorenz Curve: Central ADRISS and ASAM (Salamanca)



INDEGREE AVERAGE

	ASAM	ADRISS
Economic A.	12,9	12,5
Institutional A.	20,7	19,0
Social A.	16,7	9,6
Managerial A.	19,2	12,1
WHOLE study area	16,7	12,6

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Concluding rem.

### 3. Results and discussion: social activity, prestige, elites & power

#### 3.2. Actors and social roles. An approach from brokerage analysis

Potential roles an ego (B) may develop connecting two alters (A & C)



Concepts

Our study

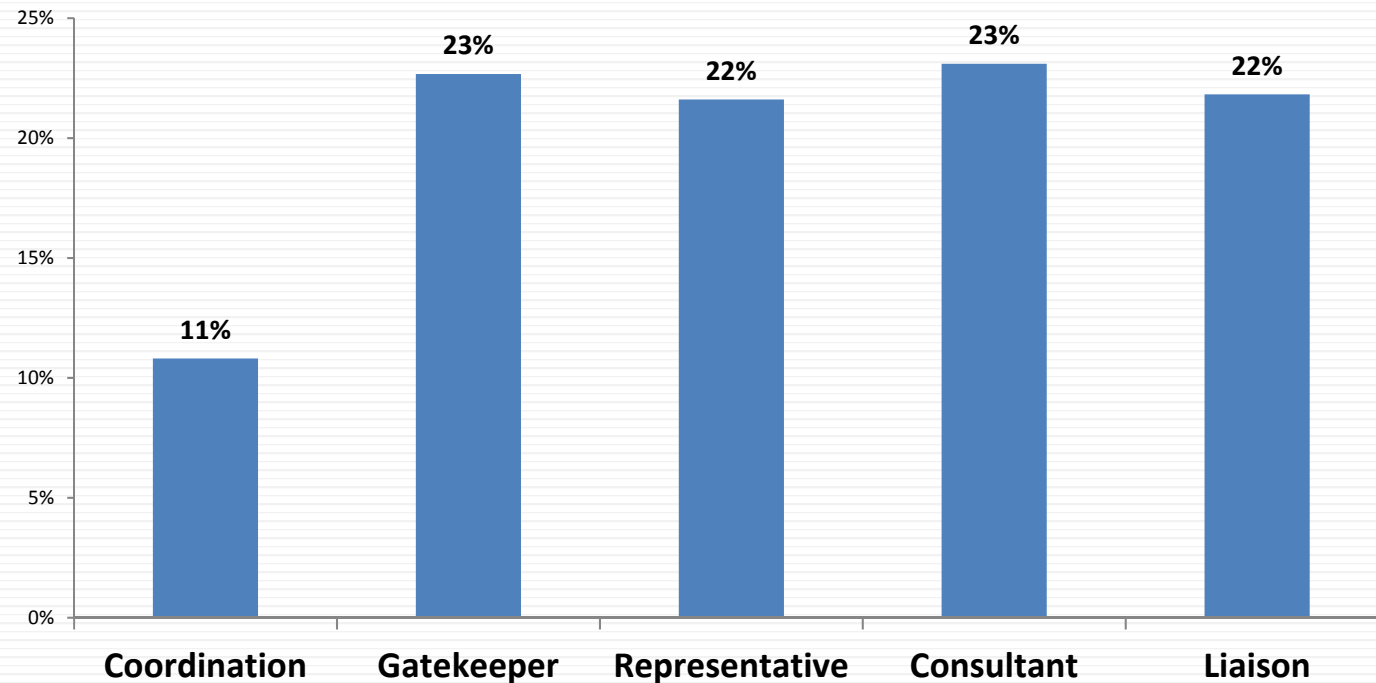
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### 3. Results and discussion: social activity, prestige, elites & power

#### 3.2. Actors and social roles. An approach from brokerage analysis

Distribution of brokerage scores by role of actors.  
(N.W. Murcia)



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### 3. Results and discussion: social activity, prestige, elites & power

#### 3.2. Actors and social roles. An approach from brokerage analysis

Distribution of Actors' Role by type of actor

	Institut.	Managerial	Social	Economic	Total
Coordination	16%	27%	0%	<b>57%</b>	100%
Gatekeeper	<b>39%</b>	22%	4%	35%	100%
Representative	12%	<b>44%</b>	2%	<b>42%</b>	100%
Consultant	20%	<b>53%</b>	1%	26%	100%
Liaison	33%	21%	7%	<b>39%</b>	100%
<b>Total</b>	25%	35%	3%	38%	100%

Concepts

Our study

Results- discuss.

Concluding rem.

### 3. Results and discussion: social activity, prestige, elites & power

#### 3.2. Actors and social roles. An approach from brokerage analysis

Importance of roles within each group of Actors

	Institut.	Managerial	Social	Economic	Total
Coordination	7%	9%	0%	16%	11%
Gatekeeper	<b>36%</b>	15%	29%	<b>21%</b>	23%
Representative	10%	28%	14%	<b>24%</b>	22%
Consultant	19%	<b>36%</b>	7%	16%	23%
Liaison	29%	13%	<b>50%</b>	<b>23%</b>	22%
<b>Total</b>	100%	100%	100%	100%	100%

Concepts

Our study

Results- discus.

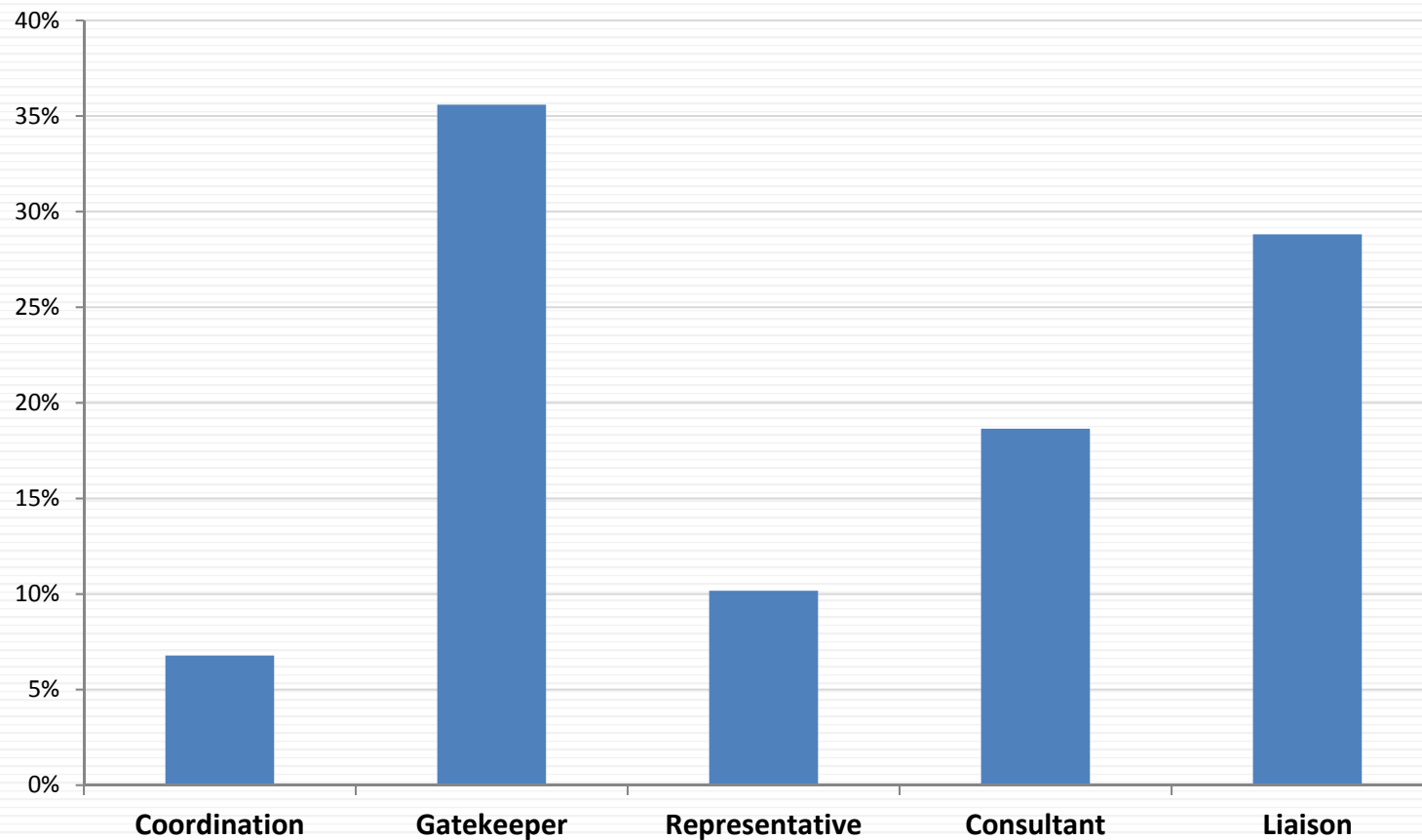
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### 3. Results and discussion: social activity, prestige, elites & power

#### 3.2. Actors and social roles. An approach from brokerage analysis

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Distribution of brokerage scores by role. **Institutional Actors**



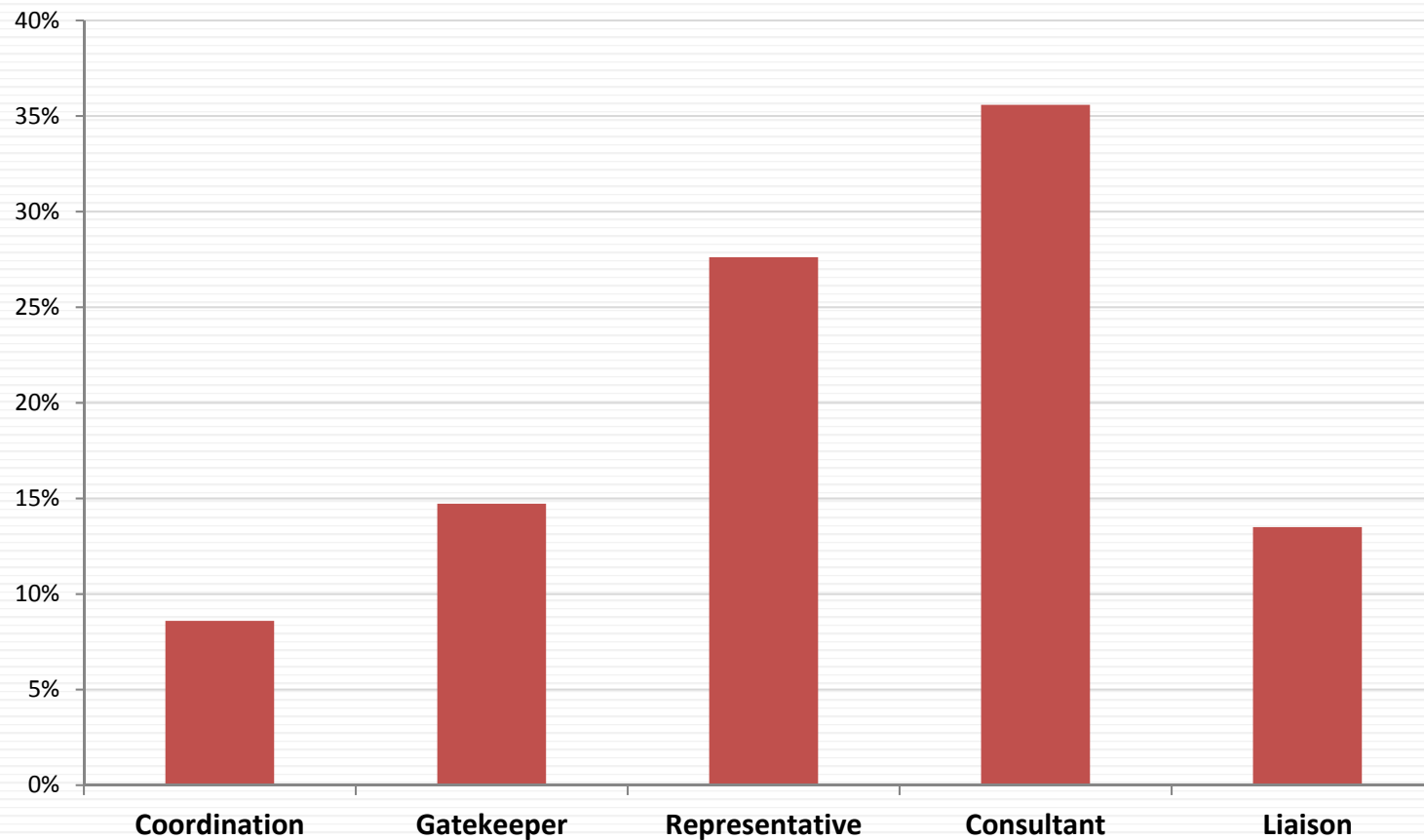


### 3. Results and discussion: social activity, prestige, elites & power

#### 3.2. Actors and social roles. An approach from brokerage analysis

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Distribution of brokerage scores by role. **Managerial Actors**



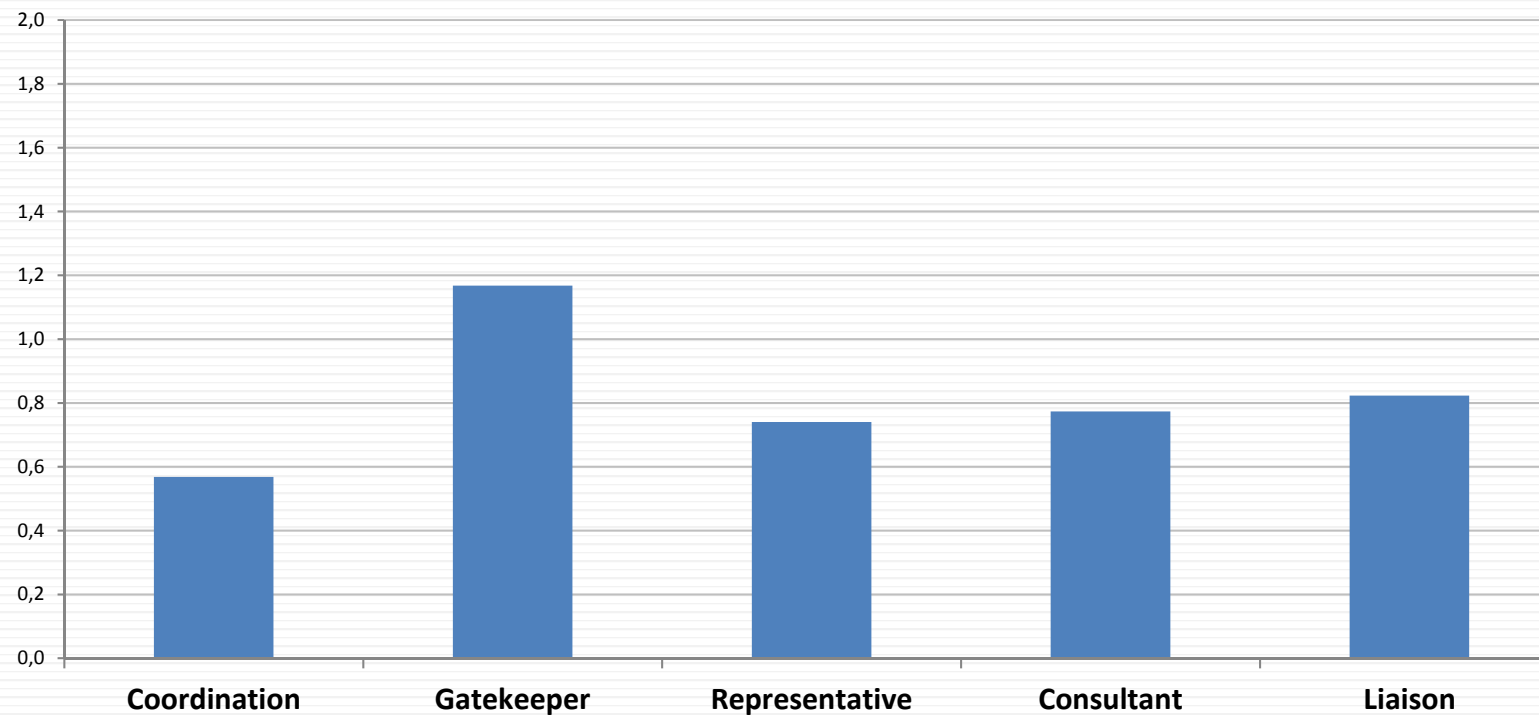
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#### 3.2. Actors and social roles. An approach from brokerage analysis

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**Relative brokerage** (scores / expected values under random assignment)

#### **Institutional Actors**



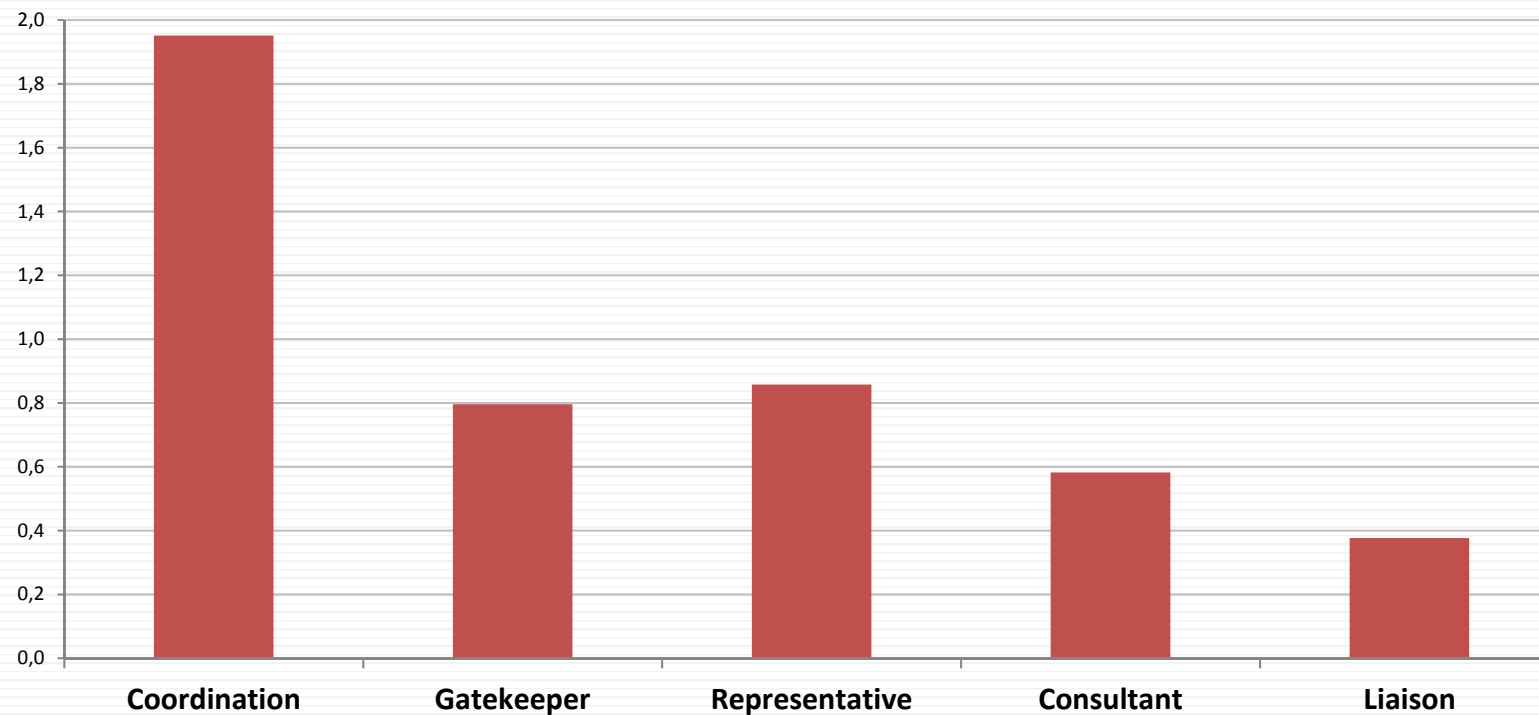
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#### 3.2. Actors and social roles. An approach from brokerage analysis

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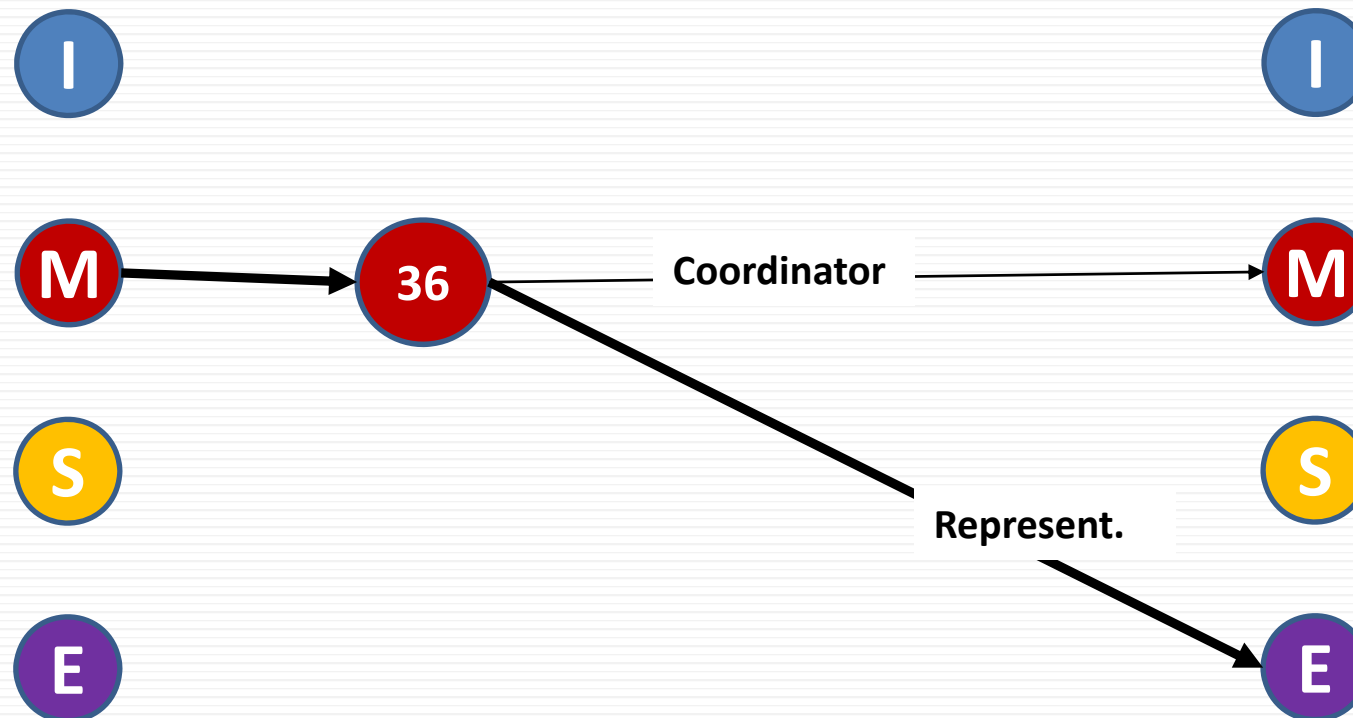
**Relative brokerage** (scores / expected values under random assignment)

#### **Managerial Actors**



### 3. Results and discussion: social activity, prestige, elites & power

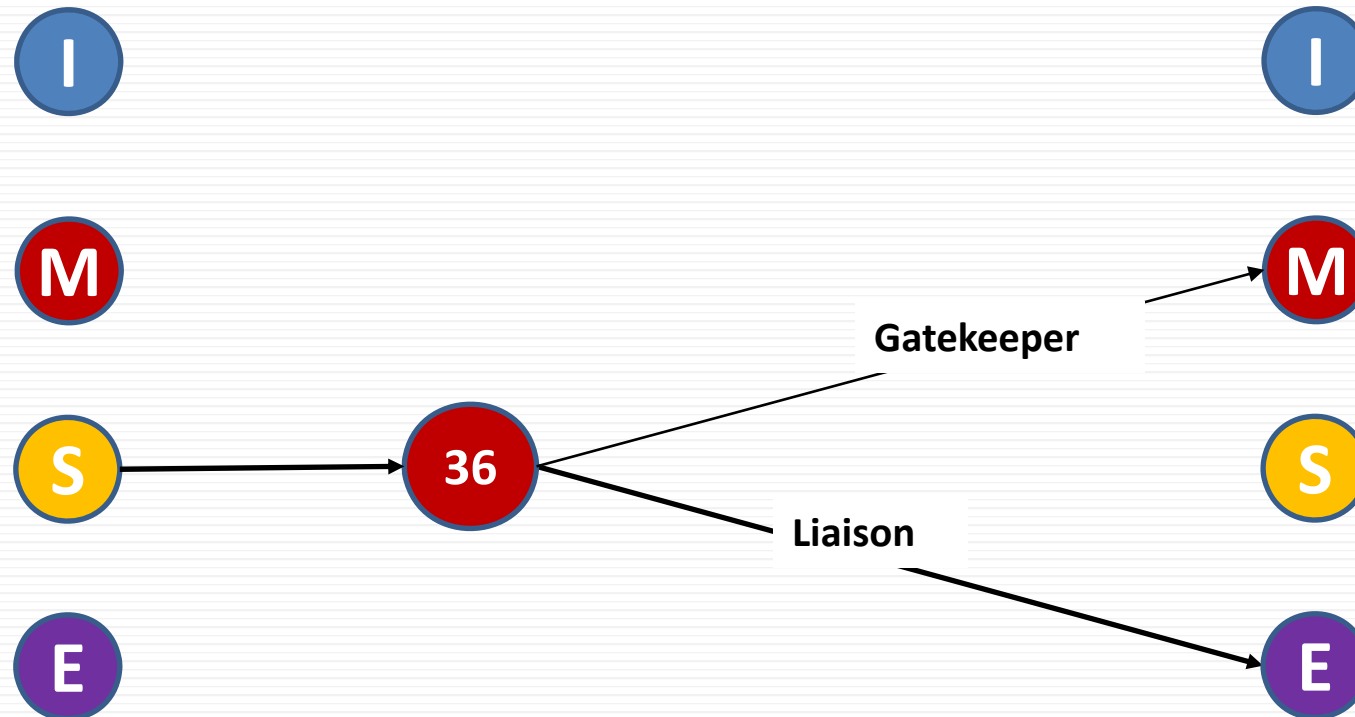
#### 3.2. Actors and social roles. An approach from brokerage analysis



	Gr. I	Gr. M	Gr. S	Gr. E
Gr. I	0	0	0	0
Gr. M	0	4	0	26
Gr. S	0	3	0	13
Gr. E	0	8	0	43

### 3. Results and discussion: social activity, prestige, elites & power

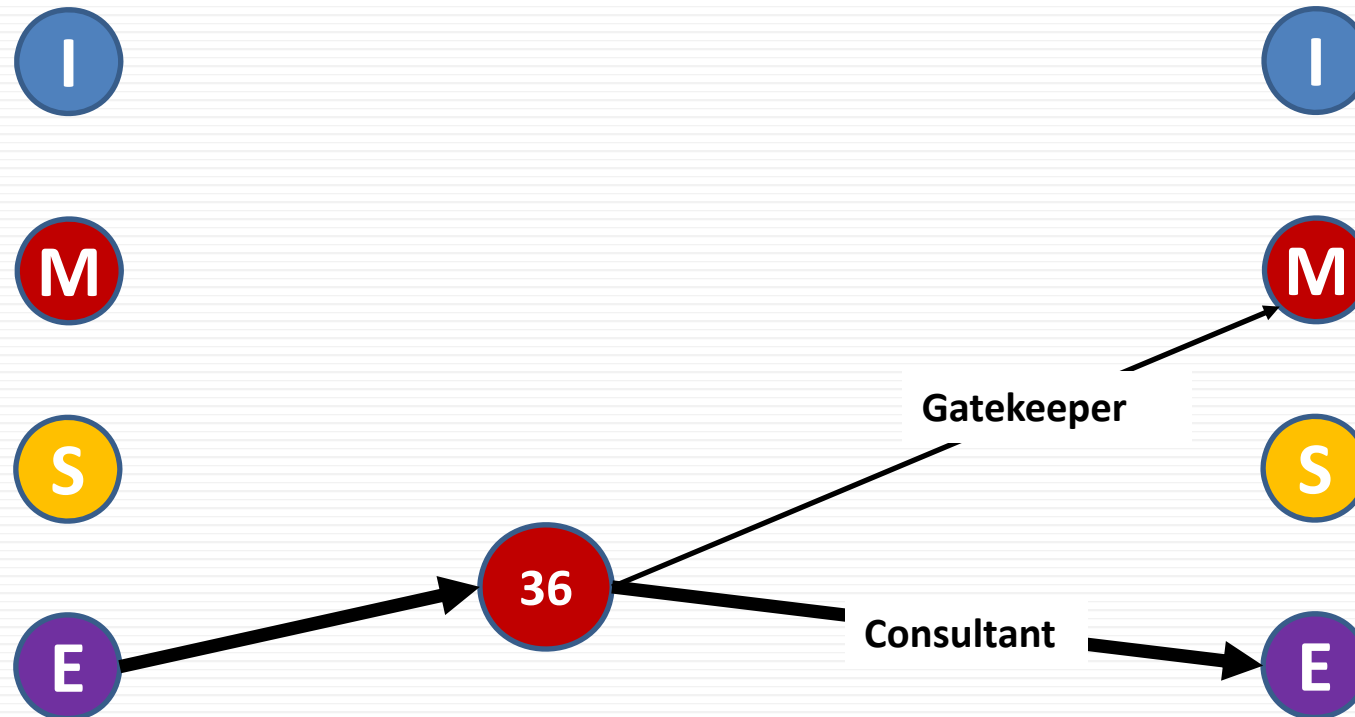
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	Gr. I	Gr. M	Gr. S	Gr. E
Gr. I	0	0	0	0
Gr. M	0	4	0	26
Gr. S	0	3	0	13
Gr. E	0	8	0	43

### 3. Results and discussion: social activity, prestige, elites & power

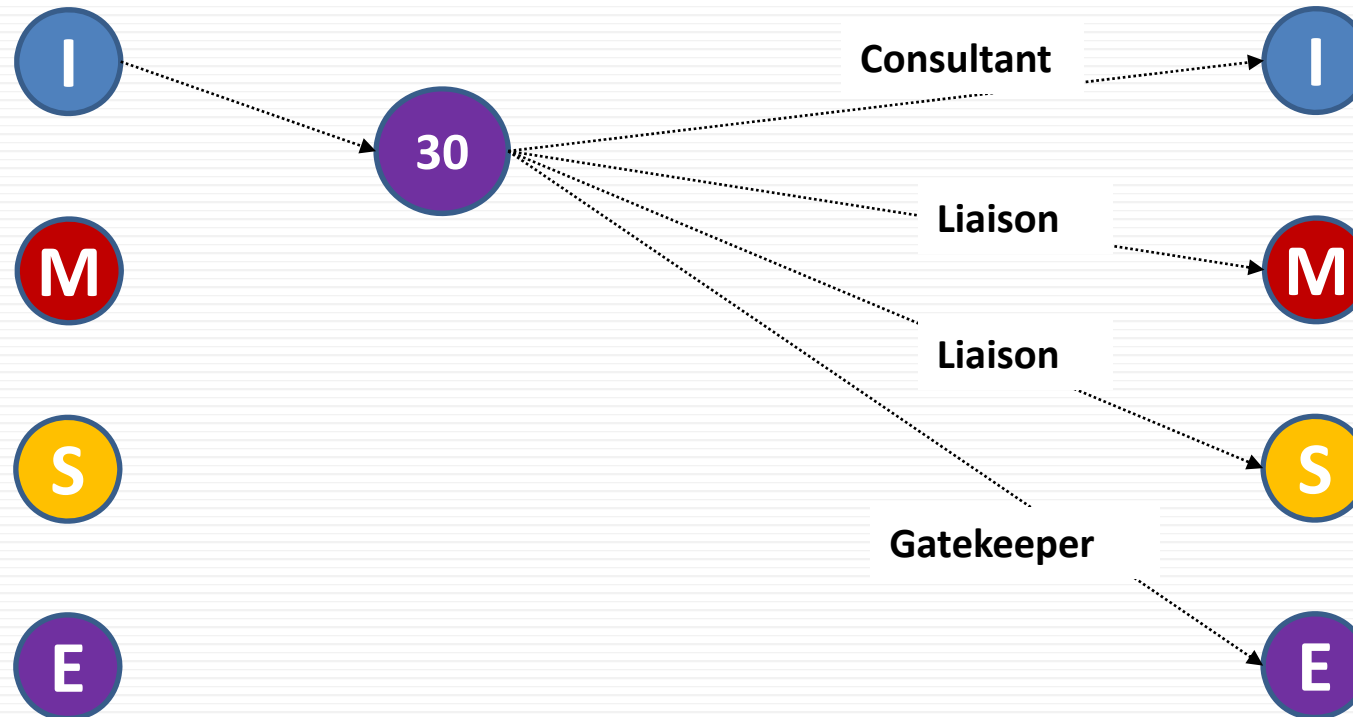
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	Gr. I	Gr. M	Gr. S	Gr. E
Gr. I	0	0	0	0
Gr. M	0	4	0	26
Gr. S	0	3	0	13
Gr. E	0	8	0	43

### 3. Results and discussion: social activity, prestige, elites & power

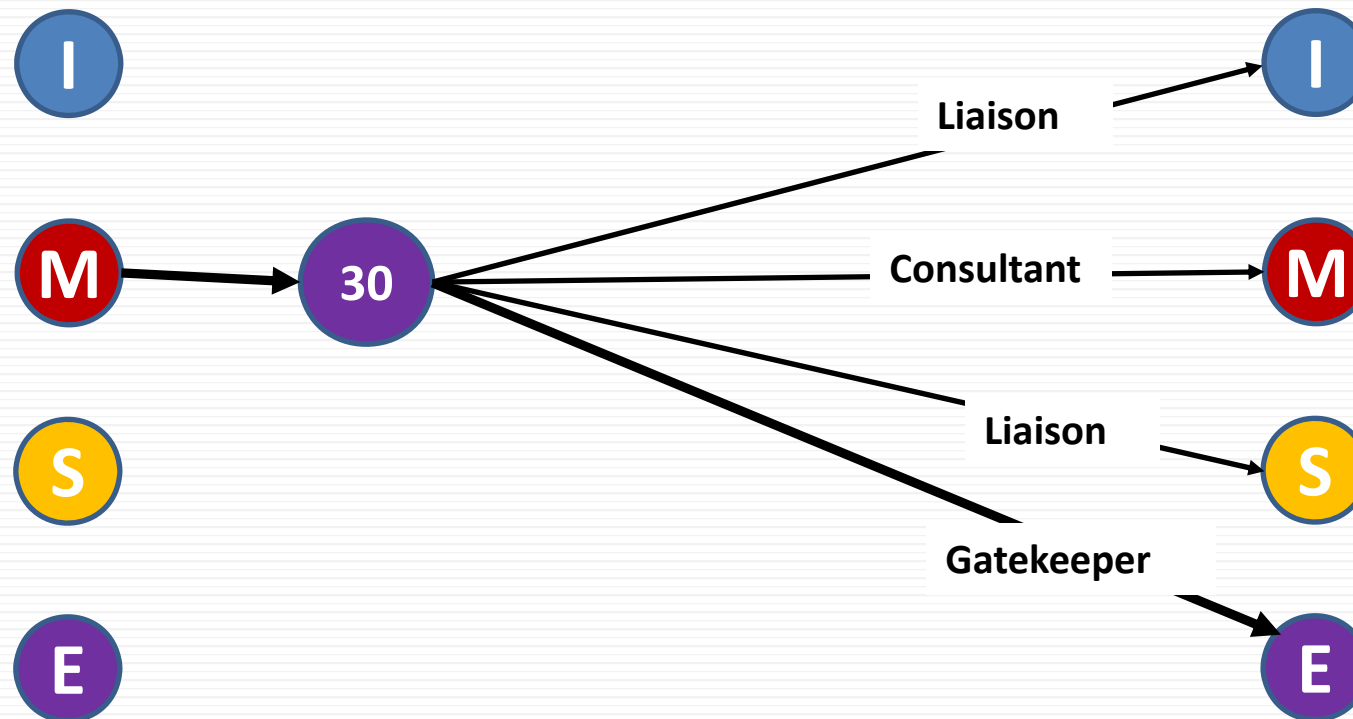
#### 3.2. Actors and social roles. An approach from brokerage analysis



	Gr. I	Gr. M	Gr. S	Gr. E
Gr. I	1	2	1	3
Gr. M	11	10	6	17
Gr. S	2	2	0	3
Gr. E	10	11	6	15

### 3. Results and discussion: social activity, prestige, elites & power

#### 3.2. Actors and social roles. An approach from brokerage analysis

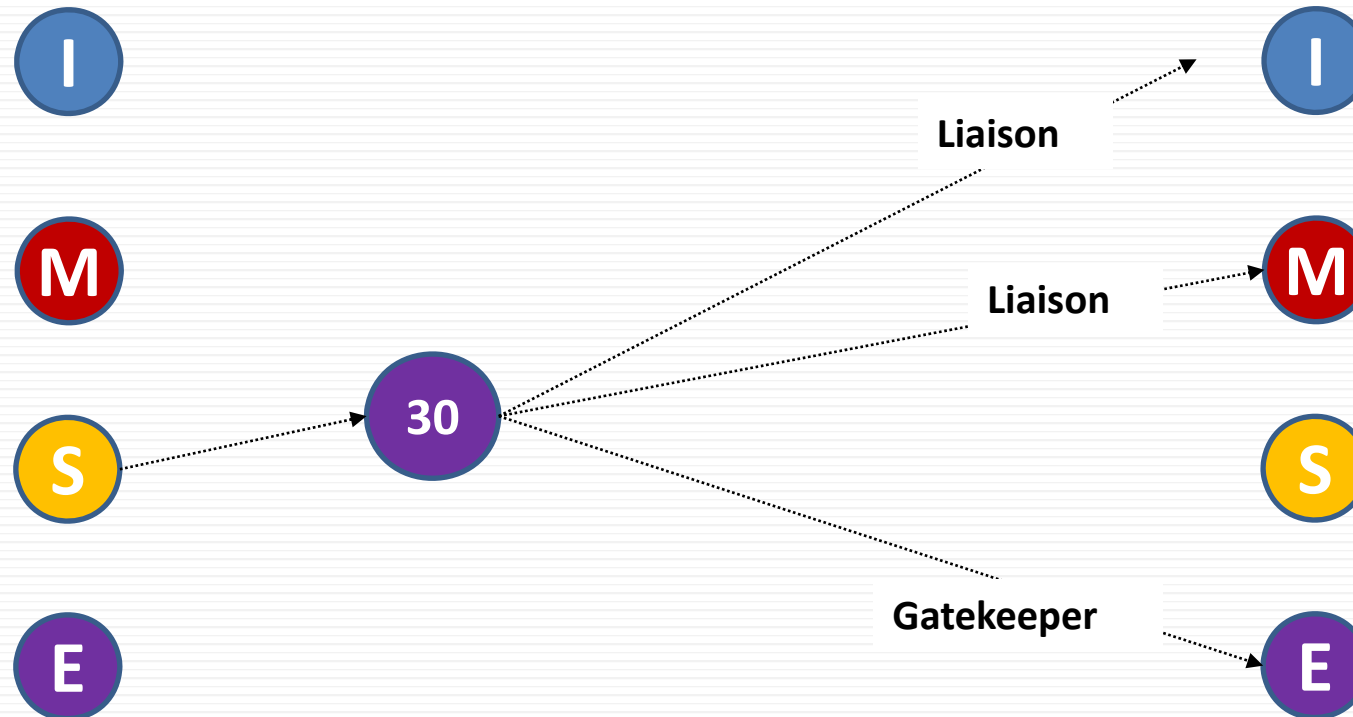


	Gr. I	Gr. M	Gr. S	Gr. E
Gr. I	1	2	1	3
Gr. M	11	10	6	17
Gr. S	2	2	0	3
Gr. E	10	11	6	15



### 3. Results and discussion: social activity, prestige, elites & power

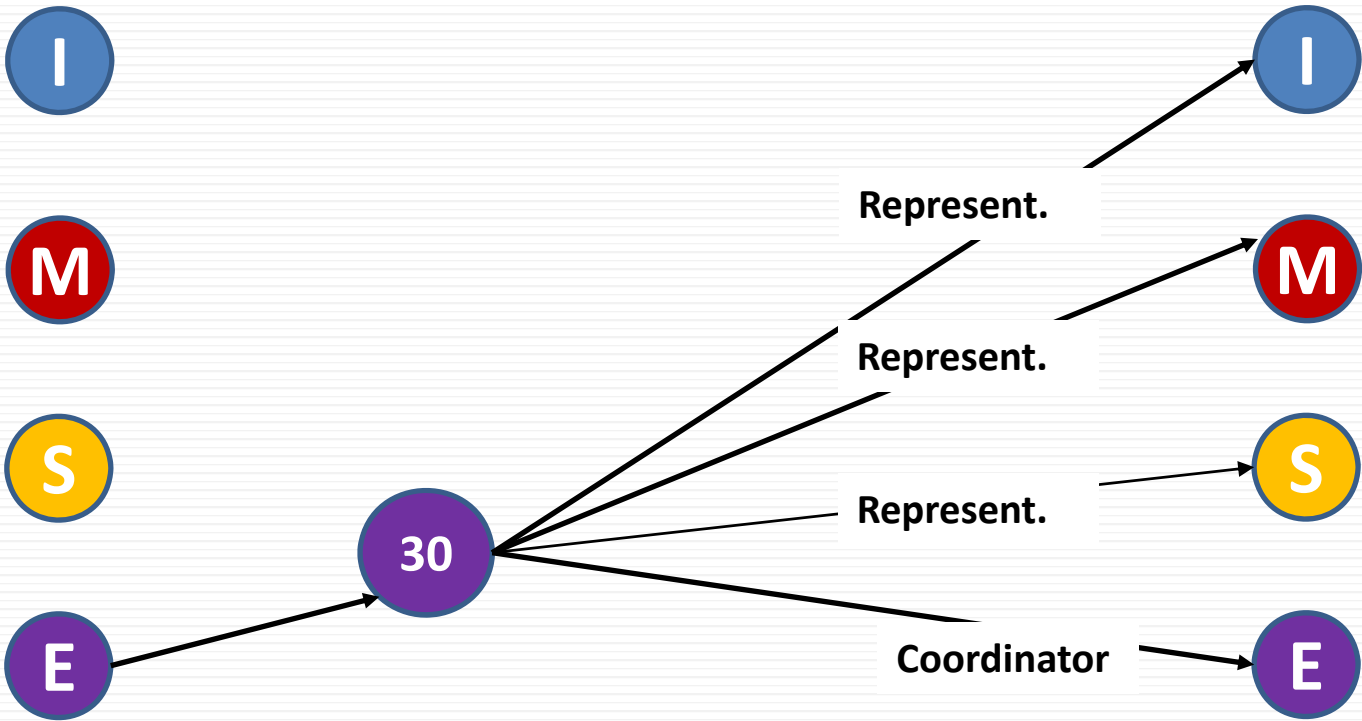
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	Gr. I	Gr. M	Gr. S	Gr. E
Gr. I	1	2	1	3
Gr. M	11	10	6	17
Gr. S	2	2	0	3
Gr. E	10	11	6	15

# 3. Results and discussion: prestige, elites & power

## 3.2. Actors and roles. Approach from brokerage analysis (Ego-N)



	Gr. I	Gr. M	Gr. S	Gr. E
Gr. I	1	2	1	3
Gr. M	11	10	6	17
Gr. S	2	2	0	3
Gr. E	10	11	6	15

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- 4. Some concluding remarks**

## 4. Some concluding remarks: measuring the stock of relational social capital?

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1. SNA → Centrality indicators: powerful to measure prestige and power trends in the network → useful approach to potential leadership detection
2. SNA → Brokerage analysis: complementary analysis from Ego-networks perspective to the POTENTIAL roles of individual actors → allow us an approach to
  1. BONDING social capital (within the own group: eg. coordination)
  2. BRIDGING social capital (between actors from two different groups in the network: eg. gatekeeper, representative, liaison)
3. A diversity of forms of potential roles (different leadership profiles?)
  1. Prestigious actors may develop different roles in the network
  2. Some roles could give more power than others

## 4. Some concluding remarks: relational social capital as another additional element to interpret local development processes

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1. No fixed patterns in rural areas: geographical, historical, social and administrative factors contribute to introduce diversity in their social networks
2. Social networks of relevant actors in rural areas reach acceptable global prestige levels (sociocentric approach)
3. Nevertheless, the “distribution” of stock of prestige could be highly unbalanced → elites
4. Role of elites?: fostering vs blocking rural development processes
5. No presence or “weak” elites within social networks: what effects on rural development processes?

## Social Capital and Territorial Development: Experiences from rural Spain

# THANKS FOR YOUR ATTENTION



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# FCT

Fundação para a Ciência e a Tecnologia  
MINISTÉRIO DA EDUCAÇÃO E CIÊNCIA

UID/SOC/04011/2013

CSO2009-11076  
CSO2012-32792



SECRETARÍA DE ESTADO  
DE INVESTIGACION,  
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