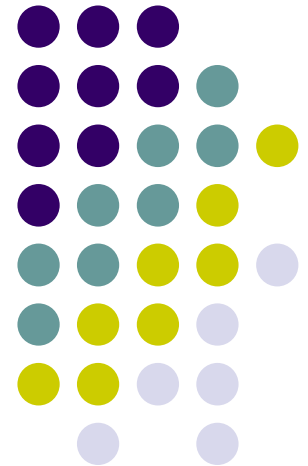


Polimetrics

The Portfolio Theory:
Lab Class 2



Things to learn



1. How to build your own legislature
2. How to change the salience of dimensions
3. How to exclude some party from the cabinet or some particular cabinet
4. An application to the Italian case

Position Map Symbols



Symbol	Meaning
×	DDM with non-empty winset
✱	DDM with empty winset
□	Strong party with non-empty winset
◻	Strong party with empty winset
⊗	Winpoint (off)

An example



A parliament with three parties and two main dimensions with the same spatial range (-1 ; +1)

First dimension: Economy

Secondo dimension: Social

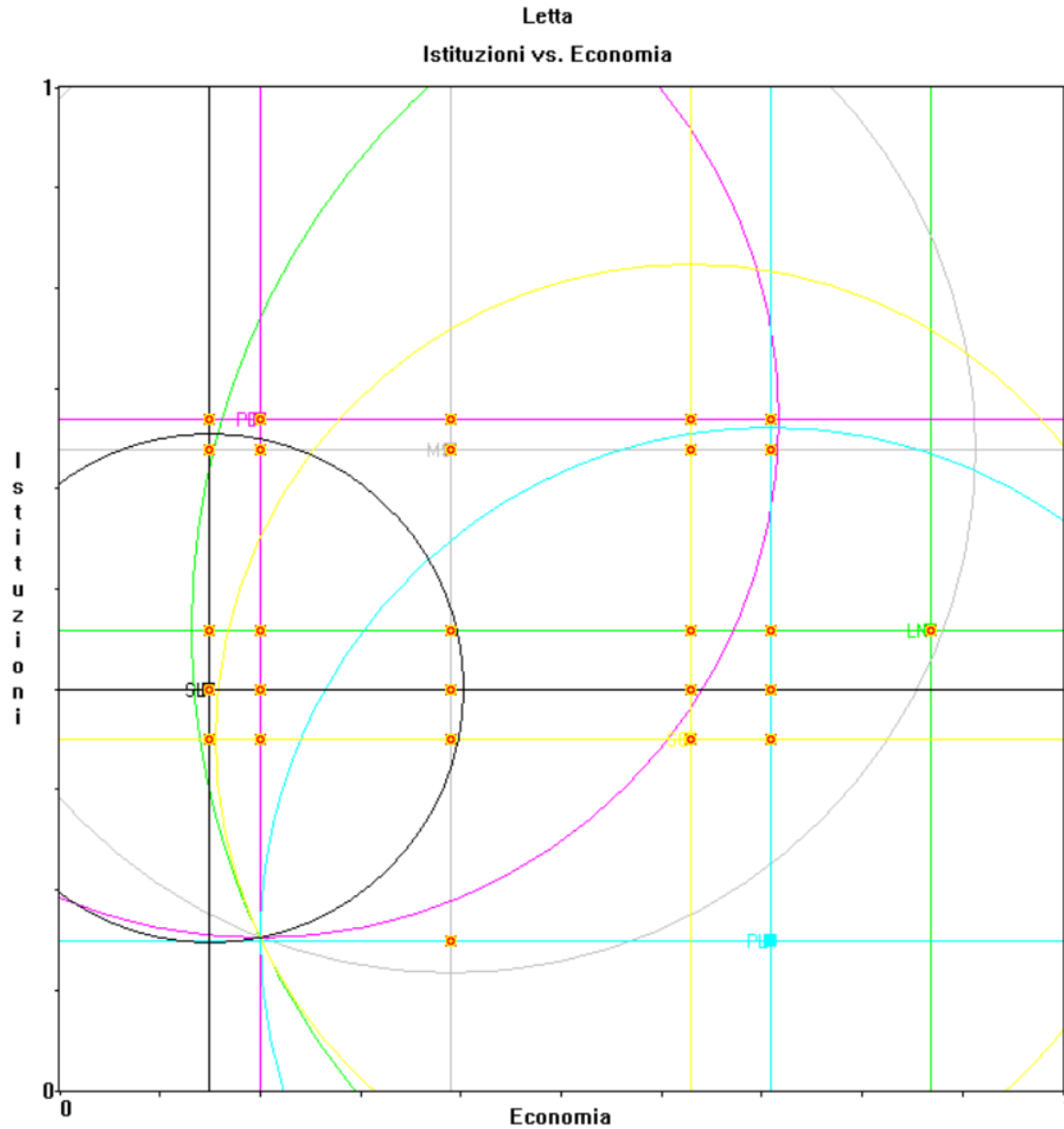
Party A: 40 seats, position: -0.5; +0.8

Party B: 30 seats, position: +0.2; +0.5

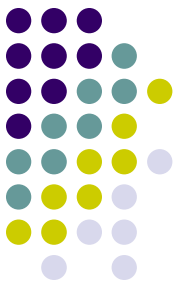
Party C: 30 seats, position: +0.8; -0.9

Track the government BC; then the DDM; then the presence of a strong party; then move Party B horizontally to the right of Party C. What does it happen?

Portfolio Theory in action: Letta cabinet (Senate)



Portfolio Theory in action: Letta cabinet (Senate)



27 alternative cabinets included in the win-set of the cabinet PD-PDL...a lot of instability

		Economia		Istituzioni							
Investigating :		PD	PL	Preferred by:							
Winpoint no.	1 :	PD	PD	PD	MS	LN					
	2 :	PD	MS	PD	MS	LN	SL				
	3 :	PD	SC	PD	MS	SC	LN	SL			
	4 :	PD	LN	PD	MS	SC	LN	SL			
	5 :	PD	SL	PD	MS	SC	LN	SL			
	6 :	PL	PD	PD	MS	SC	LN				
	7 :	PL	MS	PD	PL	MS	SC	LN			
	8 :	PL	SC	PL	MS	SC	LN				
	9 :	PL	LN	PL	MS	SC	LN				
	10 :	PL	SL	PL	MS	SC	LN				
	11 :	MS	PD	PD	MS	SC	LN				
	12 :	MS	PL	PL	MS	SC	LN				
	13 :	MS	MS	PD	MS	SC	LN				
	14 :	MS	SC	PD	PL	MS	SC	LN	SL		
	15 :	MS	LN	PD	PL	MS	SC	LN	SL		
	16 :	MS	SL	PD	PL	MS	SC	LN	SL		
	17 :	SC	PD	PD	MS	SC	LN				
	18 :	SC	MS	PD	PL	MS	SC	LN			
	19 :	SC	SC	PL	MS	SC	LN				
	20 :	SC	LN	PD	PL	MS	SC	LN			
	21 :	SC	SL	PD	PL	MS	SC	LN			
	22 :	LN	LN	PL	MS	SC	LN				
	23 :	SL	PD	PD	MS						
	24 :	SL	MS	PD	MS	SL					
	25 :	SL	SC	PD	MS	LN	SL				
	26 :	SL	LN	PD	MS	LN	SL				
	27 :	SL	SL	PD	MS	LN	SL				

Portfolio Theory in action: Letta cabinet (Senate)

17 alternative cabinets included in the win-set of the cabinet PD-PDL (if we exclude all the alternatives that include the M5S)...still a lot of instability



Which is the DDM cabinet in the Senate?

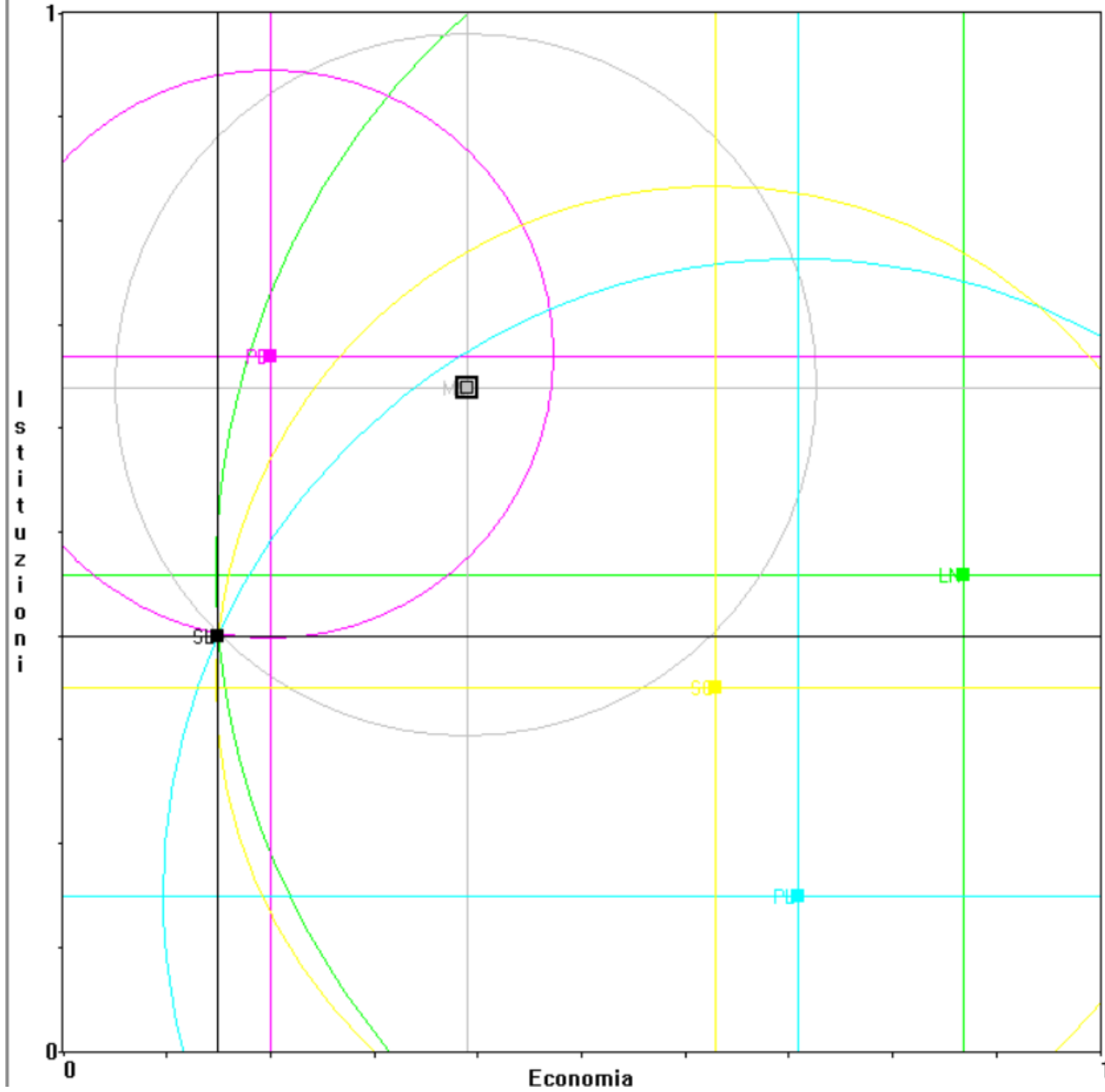


	Senate				Senate	
	State vs				Gov vs	
	Market	seats			Parliament	seats
SEL	0.151	7		PDL	-1.037	101
PD	0.1976667	117		SC	-0.454	19
M5S	0.392	54		SEL	-0.297	7
FDI	0.6293333	0		LN	-0.117	17
SC	0.631	19		M5S	0.418	54
PDL	0.7103333	101		FDI	0.476	0
LN	0.8686667	17		PD	0.515	117

Over both dimensions the M5S!
But would be a DDM cabinet a stable one?

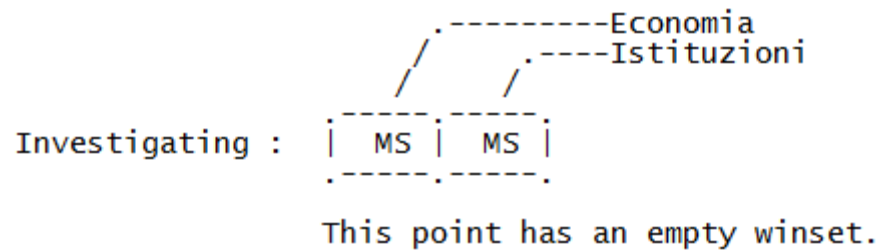
YES!

Letta Istituzioni vs. Economia

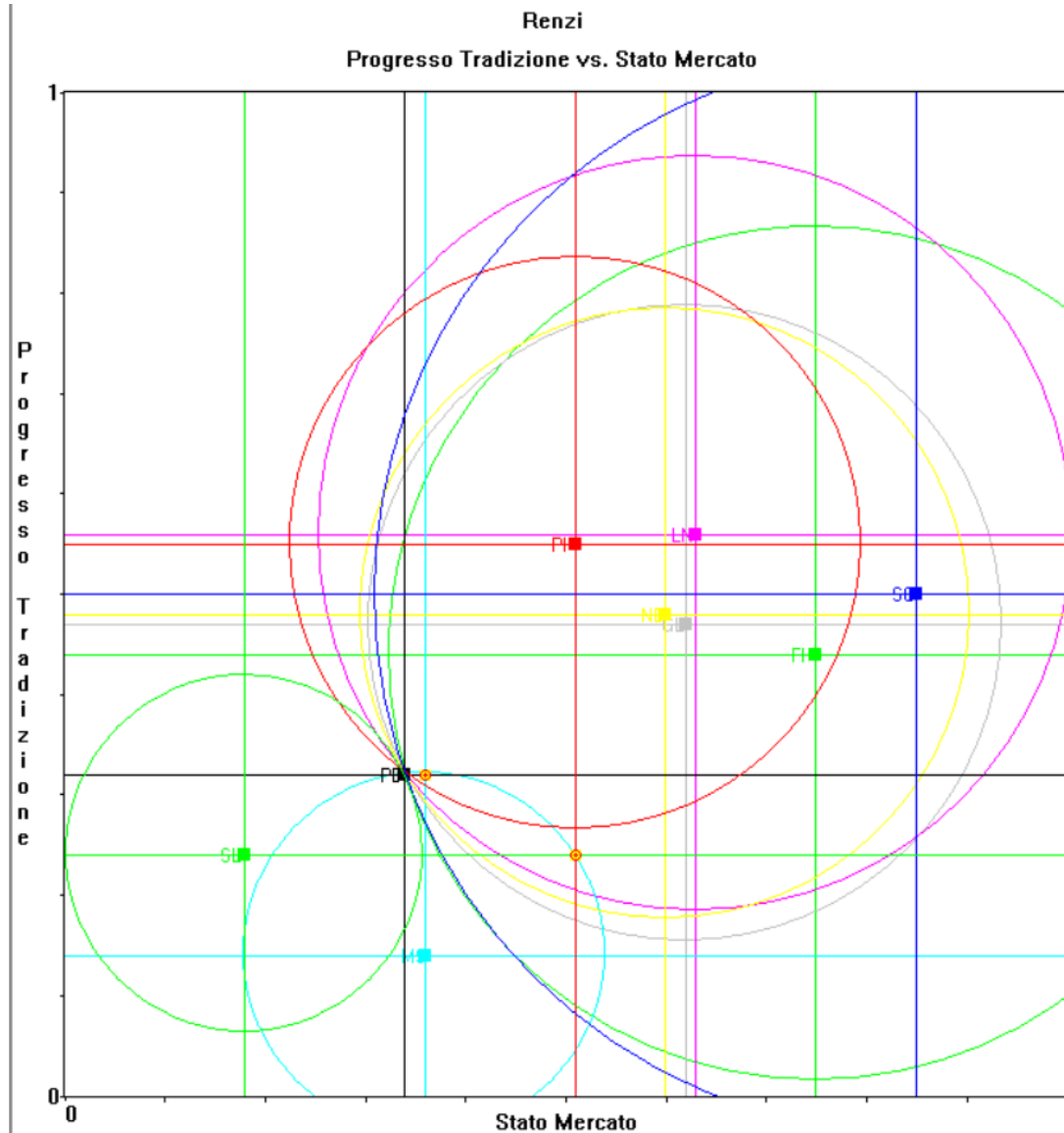
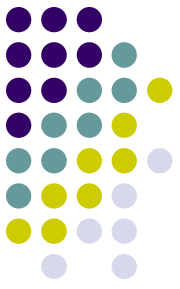


YES!

Moreover...the M5S is a (very) strong party! Obviously we have also the Chamber of Deputies, still the strong bargaining power of M5S arises also with the portfolio theory!



Portfolio Theory in action: Renzi cabinet (Senate)



Portfolio Theory in action: Renzi cabinet (Senate)



Only 2 cabinets included in the PD-PD winset (and only one that excludes the PD: PI-SEL...). Note that the cabinet M5S-PD is DDM with an empty win-set

Investigating :	<table style="border-collapse: collapse; width: 100%;"> <tr> <td style="border: 1px dashed black; padding: 2px 10px;">PD</td> <td style="border: 1px dashed black; padding: 2px 10px;">PD</td> </tr> </table>	PD	PD	<p>Progresso Stato</p>														
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Winpoint no. 1 :	<table style="border-collapse: collapse; width: 100%;"> <tr> <td style="border: 1px dashed black; padding: 2px 10px;">PD</td> <td style="border: 1px dashed black; padding: 2px 10px;">MS</td> </tr> </table>	PD	MS	<p>Preferred by:</p> <table style="border-collapse: collapse;"> <tr> <td>FI</td><td>MS</td><td>ND</td><td>LN</td><td>GL</td><td>PI</td><td>SC</td> </tr> <tr> <td>FI</td><td>MS</td><td>ND</td><td>LN</td><td>GL</td><td>SC</td><td></td> </tr> </table>	FI	MS	ND	LN	GL	PI	SC	FI	MS	ND	LN	GL	SC	
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