	LECTURE 7
	Political Economy Public Choice
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Direct Democracy:

Example of Lindahl's procedure

- The above Figure shows the relationship between each person's tax share & quantity of fireworks demanded.
- Each person demands more fireworks as the share of costs paid falls.
- Shares add up to one: SA+SE=1
- *Lindahl prices*: Each person faces a "personalized price" per unit of the public good, which depends on the tax share.

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Voter				
Choice	Brad	Jen	Angelina	
First	A	С	В	
Second	В	В	C	
Third	С	A	A	







Voter				
Choice	Brad	Jen	Angelina	
First	A	С	В	
Second	В	А	С	
Third	С	В	А	









Direct Democracy: Why difficulties with Majority Voting rule? Single-peaked preferences Jen Double-peaked preferences Brad Angelina













Median voter theorem illustrated

- A movement from €0 to €5 would be by all five voters.
- A movement from €0 to €100 would be approved by Daisy, Huey, Dewey, and Louie.
- A movement from €100 to €150 would be approved by Huey, Dewey, and Louie.
- Any increase above €150 would be blocked by a majority of voters.
- Hence the majority votes for €150, which is the preferred amount of the median voter, Huey.

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Direct Democracy: Majority Voting rules • The *median voter theorem* states that as long as all preferences are single-peaked, the outcome of majority voting reflects the preferences of the median voter.

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Direct Democracy: Logrolling Example

		Voter		
Project	Melanie	Rhett	Scarlet	Total Net Benefits
Hospital	200	-50	-55	95
Library	-40	150	-30	80
Pool	-120	-60	400	220



		Voter		
Project	Melanie	Rhett	Scarlet	Total Net Benefits
Hospital	200	-110	-105	-15
Library	-40	150	-120	-10
Pool	-270	-140	400	-10































• Real-life complications

- Ideology matters: politicians care about more than just winning elections.
- Personality: voters care about more than just issues.
- Leadership: politicians do not simply respond to voter's preferences.
- Voter participation: may be affected by relative difference in candidates

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Representative Democracy:

Special Interests

- Standard deadweight loss from reduced output is equal to triangle cde.
- To the extent that the economic rents, *abcd*, are spent on socially wasteful lobbying (rather than being a transfer to producers), this is also considered deadweight loss.

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