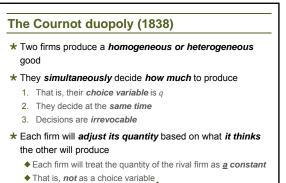


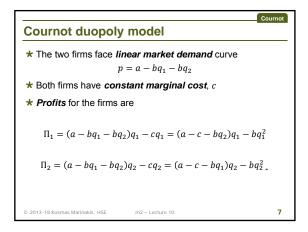
Oligopoly	ction
Facts at the NE	
★ Each firm selects the strategy that <i>maximizes</i> its profit considering its <i>belief</i> on what the other firms will do	
\star Beliefs for what the competitors are doing are <i>correct</i>	
★ Each firm is doing the <i>best</i> it can <i>given</i> what other firms are doing	i
* If one firm <i>alone</i> changes its strategy, it will do <i>worse</i>	
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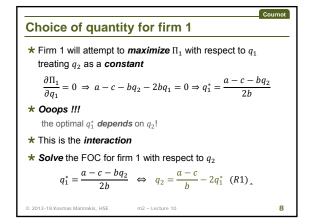


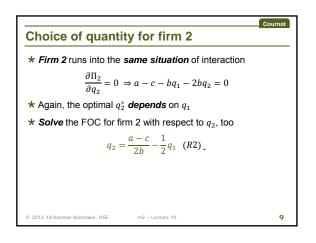
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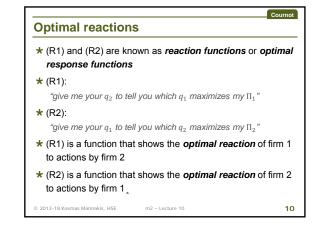
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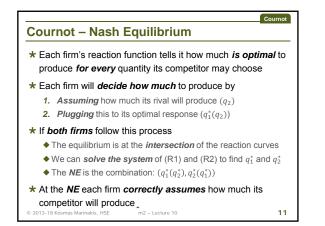
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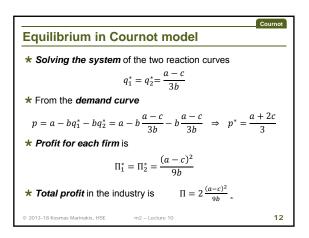


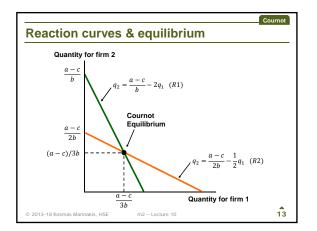


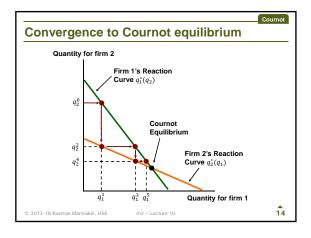


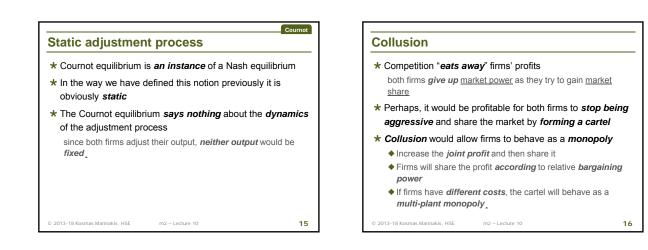


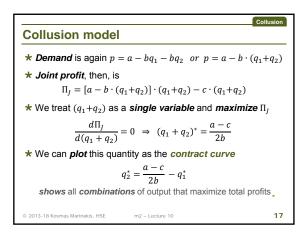


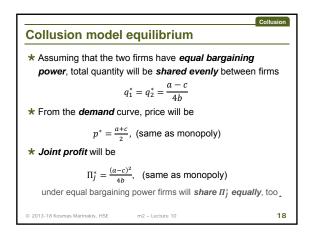


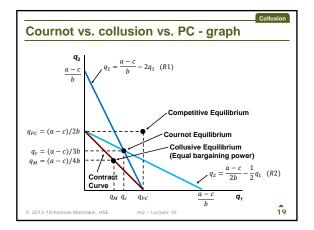


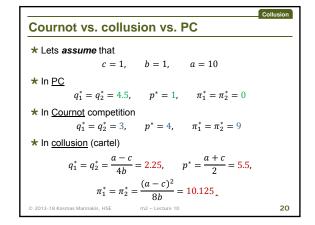


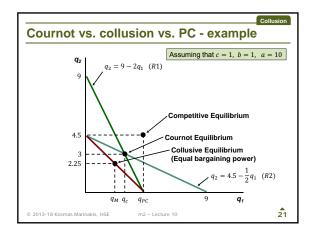


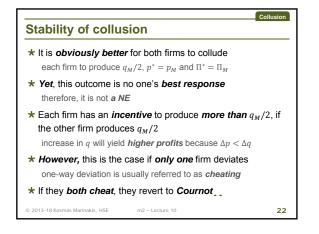


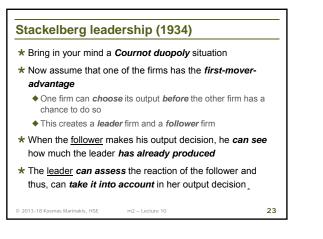


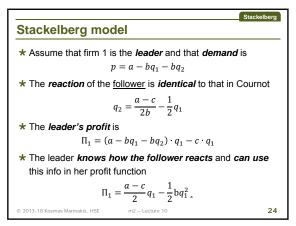


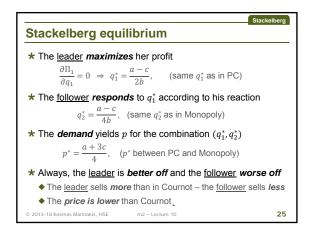


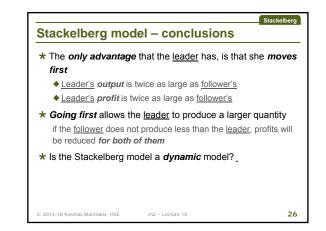


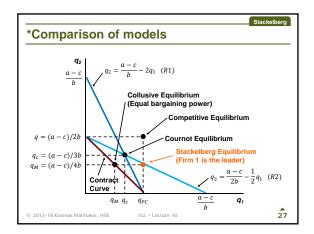












Comparison of models – example Assuming that $c = 1$, $b = 1$, $a = 10$									
Model	p	q_1	<i>q</i> ₂	q_T	П1	П2	Π_T		
PC	1	4.5	4.5	9	0	0	0		
Cournot	4	3	3	6	9	9	18		
Stackelberg	3.25	2.25	4.5	6.75	5.06	10.125	15.19		
Collusion	5.5	2.25	2.25	4.5	10.125	10.125	20.25		
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