

**Shapley**

			+++	+++	+++	+++	
Airline 1	coalition S	0	{2}	{3}	{2,3}	{3,2}	
	***	0	10	10	10	10	
	///	0,0	1,7	1,7	1,7	1,7	<b>6,67</b>
Airline 2	coalition S	0	{1}	{3}	{1,3}	{3,1}	
	***	0	10	18	18	18	
	///	0,0	1,7	3,0	3,0	3,0	<b>10,67</b>
Airline 3	coalition S	0	{1}	{2}	{1,2}	{2,1}	
	***	0	10	18	18	18	
	///	0,0	1,7	3,0	3,0	3,0	<b>10,67</b>
Number of coalitions:		6 (= 3 faculty) that is the number of all permutations					<b>28,0</b>

+++Note that each permutation is counted separately

\*\*\* Worth of the union of S and {i} minus worth of S (marginal contribution)

/// marginal contribution normed by 3 faculty (devided by 6)

	Airline 1	Airline 2	Airline 3	Total	
Shapley Value	<b>6,7</b>	<b>10,7</b>	<b>10,7</b>	28	(value of the grand coalition)
c({i})	10	18	33	61	
Costs for airline i	3,33	7,33	22,33	33	costs are fully covered!