Artificial scenarios

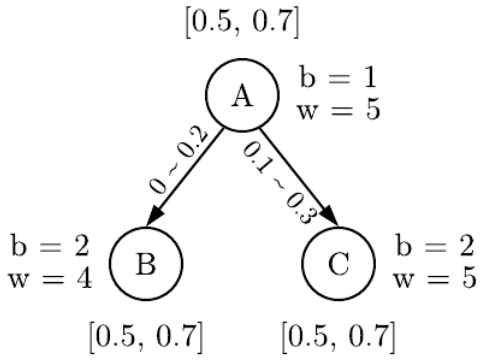
Scenario 1

Parameters: A, B, C
Base contributions (A, B, C): 1, 2, 2
Weights (A, B, C): 5, 4, 5
Target intervals (all parameters): [0.5, 0.7]
Conditions:

B=[$A \leq 0.2$]

C=[$0.1 \leq A \leq 0.3$]

Note: not using propagation of weights to parents



Importance

Basic definitions	fANOVA			
	Rep 1	**Rep 2**	**Rep 3**	**Rep 4**
A: 0.8506	C: 0.3385	A: 0.3775	C: 0.4576	C: 0.3171
C: 0.4444	A: 0.2636	C: 0.2429	B: 0.1553	A: 0.2471
B: 0.3333	B: 0.1269	B: 0.0806	A: 0.1523	B: 0.1941

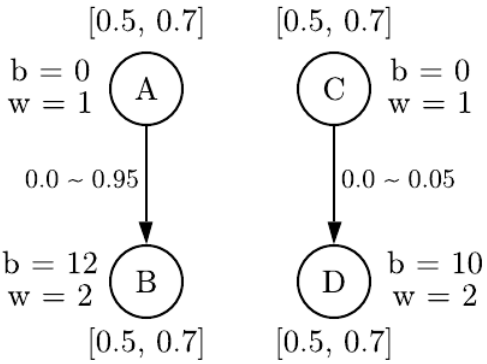
Scenario 2

Parameters: A, B, C, D
Base contributions (A, B, C, D): 0, 12, 0, 10
Weights (A, B, C, D): 1, 2, 1, 2
Target intervals (all parameters): [0.5, 0.7]
Conditions:

B=[$A \leq 0.95$]

D=[$C \leq 0.05$]

Note: not using propagation of weights to parents



Importance

Basic definitions	fANOVA			
	Rep 1	**Rep 2**	**Rep 3**	**Rep 4**
C: 0.4443	B: 0.3669	A: 0.4601	A: 0.3819	A: 0.5471
A: 0.3320	A: 0.2517	B: 0.2840	B: 0.2839	B: 0.2187
B: 0.2727	D: 0.1510	D: 0.1580	D: 0.1580	C: 0.0647
D: 0.2273	C: 0.0632	C: 0.0621	C: 0.0621	D: 0.0462