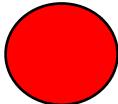
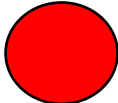
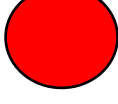
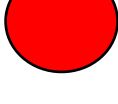
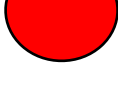
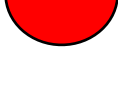





T

$x_1 \leftarrow t_1$	Andy	M	Math	90	
$x_2 \leftarrow t_2$	Amy		Eng.	98	
$x_3 \leftarrow t_3$	Tom	M		75	
$x_4 \leftarrow t_4$	Lee	M	CHN.	68	
$x_5 \leftarrow t_5$	Lily	F		79	
$x_6 \leftarrow t_6$	Lee		Eng.	68	

C

	c_1	Andy	M	Math	90	x_1
	c_2	Amy		Eng.	98	x_2
	c_3	Lily	F		79	x_5

$2 \times 3 \times 3 \times 2 = 36$ Possible Worlds

1st Possible World $\cdots \rightarrow p_1$

x_2	Amy	M	Eng.	98
x_3	Tom	M	Eng.	75
x_5	Lily	F	Eng.	79
x_6	Lee	M	Eng.	68

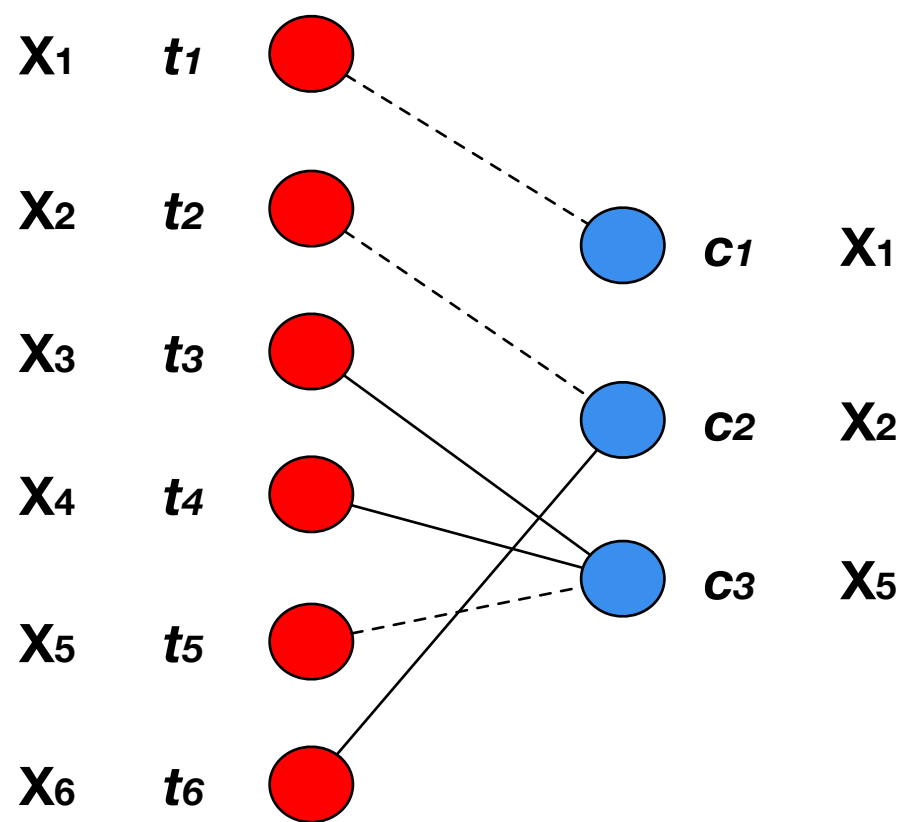
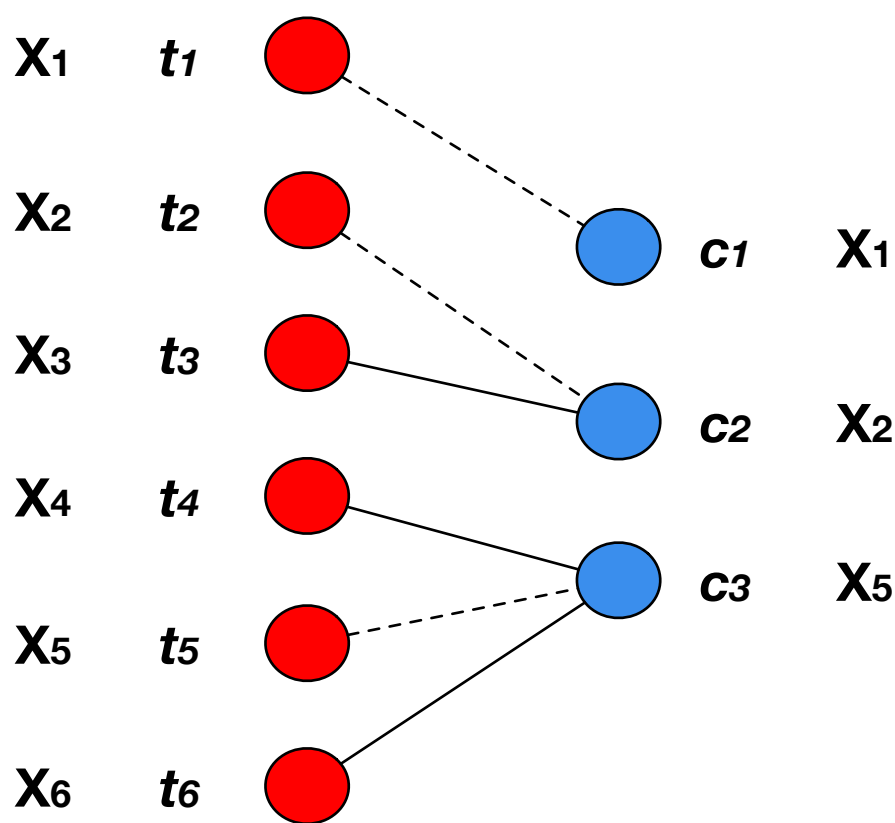
2nd Possible World $\cdots \rightarrow p_2$

x_2	Amy	F	Eng.	98
x_3	Tom	M	CHN.	75
x_5	Lily	F	CHN.	79
x_6	Lee	M	Eng.	68

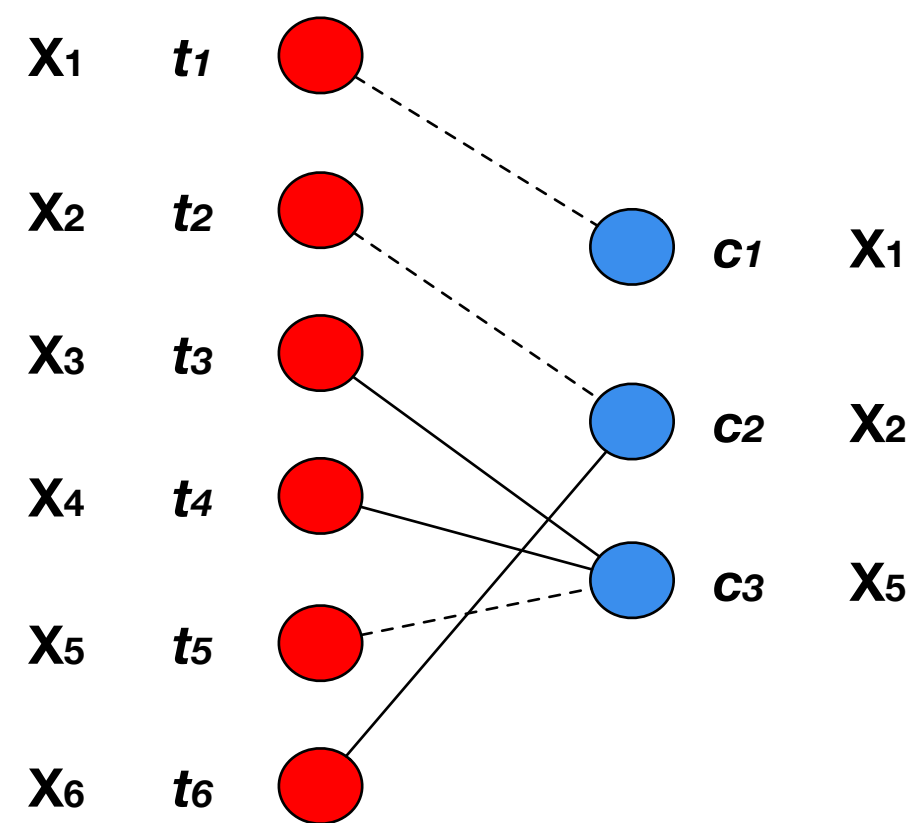
\cdots

36th Possible World $\cdots \rightarrow p_{36}$

x_2	Amy	F	Eng.	98
x_3	Tom	M	Math	75
x_5	Lily	F	Math	79
x_6	Lee	F	Eng.	68



\cdots



$$sum_1 = \sum_{i \in T_1} \min_{j \in C_1} d_{ij}$$

$$sum_2 = \sum_{i \in T_2} \min_{j \in C_2} d_{ij}$$

\cdots

$$sum_{36} = \sum_{i \in T_{36}} \min_{j \in C_{36}} d_{ij}$$

$$E\left[\sum_{i \in T} \min_{j \in C} d_{ij}\right] = p_1 * sum_1 + p_2 * sum_2 + \cdots + p_{36} * sum_{36}$$