NeedHelp

Pr(NH)
0.5

1. I started with a uniform distribution for the initial node of the BN.

Transition

	NeedHelp_t=...	
NeedHelp_t-1	false	true
false	0.8	0.2
true	0.1	0.9

1. If the student needed help at t-1, they have a high probability of needing help at t.
2. It is similar if the student did not need help at t-1, they have a high probability of not needing help at t.

Observations

	TaskTime=...		
NeedHelp	Too short	On task	Too long
false	0.5	0.4	0.1
true	0.1	0.5	0.4

1. When the student does not need help:
    a. I figured they are slightly more likely to spend too short of a time on the task than on task.
    b. The probability of them spending too long on the task was very low due to the fact that they would not need any help.
2. When the student does need help:
    a. They are unlikely to spend too short of time on the task as they need help in completing the task.
    b. They will generally have a slightly higher probability of being on task than spending too long. When they need help they are focused on the task, and only if they really struggle will they spend too much time.

	TaskTime=...	
NeedHelp	false	true
false	0.8	0.2
true	0.6	0.4

1. If the student does not need help there is a high probability that they will be correct.
2. If the student does need help there is a decent probability they will get the answer correct but it is less than if they did not need help.