

Table 2. State-transition matrix.

<i>(Monthly) transition probabilities (from/to)</i>		Value	Distribution			Source
NED (after primary treatment) Years 1st-3rd	NED (after primary treatment)	1-others	**			
	Salvageable recurrence (surgery)	A: 0.0019	**			[254]; HETeCo trial protocol
		B: 0.0038				
	Salvageable recurrence (re-irradiation)	A: 0.0005	**			[254]; HETeCo trial protocol
B: 0.0010						
Non-salvageable recurrence (chemotherapy/palliative care)	A: 0.0072	**			[254]; HETeCo trial protocol	
	B: 0.0048					
	Death (for other causes) *	0.0032	Fixed			[176]
NED (after primary treatment) Years 4th -5th	NED (after primary treatment)	1-others	**			[254]; HETeCo trial protocol
	Salvageable recurrence (surgery)	A: 0.0005	**			[254]; HETeCo trial protocol
		B: 0.0010				
	Salvageable recurrence (re-irradiation)	A: 0.0001	**			[254]; HETeCo trial protocol
B: 0.0002						
Non-salvageable recurrence (chemotherapy/palliative care)	A: 0.0018	**			[254]; HETeCo trial protocol	
	B: 0.0012					
	Death (for other causes) *	0.0032	Fixed			[176]
NED (after primary treatment) From the 6th year onwards	NED (after primary treatment)	1-others	**			
	Salvageable recurrence (surgery)	0.0012	**			[254]
	Non-salvageable recurrence (chemotherapy/palliative care)	0.0013	**			[254]
	Death (for other causes)	0.0032	Fixed			[176]
Salvageable recurrence (surgery)	NED (after salvage surgery)	1-others	**			
	Treatment-related death	0.0380	Beta	$\alpha=10$	$\beta=251$	[343]
	Death (for other causes) *	0.0032				[176]
Salvageable recurrence (re-irradiation)	NED (after re-irradiation)	1-others	**			
	Treatment-related death	0.0490	Beta	$\alpha=2$	$\beta=39$	[132]
	Death (for other causes)	0.0032	Fixed			[176]
NED (after salvage surgery)	NED (after salvage surgery)	1-others	**			
	Non-salvageable recurrence (chemotherapy/palliative care)	0.0300		$\alpha=26$	$\beta=13$	[124]
	Death (for other causes) *	0.0032	Fixed			[176]
NED (after re-irradiation)	NED (after re-irradiation)	1-others	**			
	Non-salvageable recurrence (chemotherapy/palliative care)	0.0300		$\alpha=0.03$	$\beta=0.90$	[132]
	Death (for other causes) *	0.0032	Fixed			
Non-salvageable recurrence (chemotherapy/palliative care)	Non-salvageable recurrence (chemotherapy/palliative care)	1-others	**			
	Death from HNC	0.0660	Beta	$\alpha=93.3$	$\beta=1,320.8$	[9, 165]
	Death (for other causes) *	0.0032	Fixed			[176]

*The death rate is reported only for the age group 60-64 years corresponding to the age when the model starts. **These values are obtained from a combination of other values; thus, distributions are assigned to original values only. NED: no evidence of disease. HETeCo: Health and Economic Outcomes of Two Different Follow up Strategies in Effectively Cured Advanced Head and Neck Cancer; HNC: head and neck cancer.