Supplementary file 2　Values assgined to the variables

Varables	Value	Variables	Value
Sex		**Diagnosis**	
Male	1	*Bronchitis/tracheitis(D1)*	Yes=1; No=0
Female	2	*Upper respiratory tract infection(D2)*	Yes=1; No=0
Age		*Pharyngitis(D3)*	Yes=1; No=0
≤39	1	*Common cold(D4)*	Yes=1; No=0
40-53	2	*Pneumonia/bronchopneumonia(D5)*	Yes=1; No=0
54-64	3	*Tonsillitis(D6)*	Yes=1; No=0
≥ 65	4	*Others(D7)*	Yes=1; No=0
Year(s) of education		**Symptoms**	
0	1	*Blocked nose*	Yes=1; No=0
1-5	2	*Runny nose*	Yes=1; No=0
6-8	3	*Snotty nose*	Yes=1; No=0
≥ 9	4	*Dry cough*	Yes=1; No=0
Days since onset		*Cough with green sputum*	Yes=1; No=0
≤ 2 days	1	*Cough with white sputum*	Yes=1; No=0
2-3.5 days	2	*Dry / burning throat*	Yes=1; No=0
3.5-7 days	3	*Itchy throat*	Yes=1; No=0
>7 days	4	*Sore throat*	Yes=1; No=0
Antibiotic use	Yes=1; No=0	*Breathing difficulties*	Yes=1; No=0
Combined antibiotic use	Yes=1; No=0	*Headache*	Yes=1; No=0
Bacterial detected	Yes=1; No=0	*Weakness*	Yes=1; No=0
		Fever	Yes=1; No=0
		Other Symptoms	Yes=1; No=0