Table 2. Factors of sudden sensorineural hearing loss identified using Cox regression

Variables	Crude HR	95% CI	95% CI	P	Adjusted HR	95% CI	95% CI	P
Metformin								
Without	Reference				Reference			
With	0.641	0.429	0.957	0.028	0.630	0.422	0.941	0.024*
Gender								
Male	1.151	0.848	1.563	0.366	1.068	0.785	1.452	0.674
Female	Reference				Reference			
Age group (years)								
18-44	Reference				Reference			
45-64	1.845	1.046	3.254	0.035	2.210	1.241	3.936	0.007*
≧65	1.520	1.348	2.104	0.014	1.744	1.413	2.341	0.005*
Catastrophic illness								
With	1.218	1.117	1.397	<0.001	1.188	1.102	1.347	<0.001*
HTN								
With	0.998	0.772	1.380	0.991	1.072	0.769	1.495	0.681
Stroke								
With	1.330	1.155	1.708	0.004	1.410	1.191	1.897	0.022*
Hyperlipidemia								
With	0.600	0.222	1.619	0.313	0.497	0.181	1.362	0.174
RA								
With	0.000	-	-	0.623	0.000	-	-	0.962
IHD								
With	1.561	1.325	1.971	0.039	1.494	1.283	1.863	0.013*
Depression								
With	1.769	0.108	5.495	0.794	1.607	0.085	4.343	0.619
Insomnia								
With	1.596	0.224	11.400	0.641	1.408	0.196	10.139	0.734

HR= hazard ratio, CI = confidence interval, Adjusted HR: Adjusted variables listed in the table

* represents P<0.05