

**Supplementary Table 3. Logistic regression analysis of predictors of hypoglycemia related-hospitalization by individual components of the hypoglycemic agents.**

	Total	HRH (+) n(%)	OR	95%CI	P value
<b>Biguanides</b>					
Buformin	1,457	40(2.7)	1.39	1.00-1.92	0.048
Metformin	202,857	2585(1.3)	0.72	0.69-0.76	<0.001
<b>DPP-4 inhibitors</b>					
Alogliptin	52,815	791(1.5)	0.96	0.89-1.03	0.265
Anagliptin	7,181	98(1.4)	0.90	0.73-1.10	0.293
Linagliptin	121,619	2755(2.3)	1.62	1.55-1.69	<0.001
Omarigliptin	3,106	60(1.9)	1.31	1.01-1.69	0.045
Saxagliptin	12,120	181(1.5)	1.03	0.89-1.19	0.711
Sitagliptin	215,539	3240(1.5)	1.05	1.01-1.10	0.023
Teneligliptin	66,830	1215(1.8)	1.23	1.16-1.31	<0.001
Trelagliptin	3,263	37(1.1)	0.83	0.60-1.15	0.260
Vildagliptin	104,521	1967(1.9)	1.29	1.23-1.36	<0.001
<b>Glinides</b>					
Mitiglinide	48,467	1235(2.5)	1.19	1.12-1.27	<0.001
Nateglinide	10,630	279(2.6)	1.38	1.22-1.56	<0.001
Repaglinide	32,503	825(2.5)	1.16	1.08-1.25	<0.001
<b>GLP-1 RA</b>					
Dulaglutide	16,905	451(2.7)	1.34	1.21-1.48	<0.001
Exenatide	2,303	52(2.3)	1.16	0.87-1.54	0.321
Liraglutide	15,840	424(2.7)	1.59	1.44-1.77	<0.001
Lixisenatide	1,681	38(2.3)	1.19	0.86-1.66	0.291
<b>Insulin</b>					
	445,129	8910(2.0)	3.44	3.25-3.64	<0.001
<b>SGLT2 inhibitors</b>					
Canagliflozin	10,470	82(0.8)	0.54	0.43-0.67	<0.001
Dapagliflozin	17,286	174(1.0)	0.68	0.59-0.80	<0.001
Empagliflozin	25,750	264(1.0)	0.65	0.58-0.74	<0.001
Ipragliflozin	16,053	180(1.1)	0.80	0.69-0.93	0.004
Luseogliflozin	5,141	68(1.3)	0.90	0.71-1.15	0.404
Tofogliflozin	7,824	82(1.0)	0.71	0.56-0.88	0.002
<b>Sulfonylureas</b>					

Acetohexamide	99	5(5.1)	3.64	1.44-9.20	0.006
Chlorpropamide	9	0(0)	-	-	-
Glibenclamide	14,613	615(4.2)	2.72	2.49-2.96	<0.001
Gliclazide	26,059	463(1.8)	0.98	0.89-1.07	0.615
Glimepiride	164,128	3588(2.2)	1.58	1.52-1.66	<0.001
Glycopyramide	11	1(9.1)	8.21	0.98-68.84	0.052
Tolbutamide	95	0(0)	-	-	-
<b>Thiazolidine</b>					
Pioglitazone	65,736	1383(2.1)	1.35	1.27-1.44	<0.001
<b><math>\alpha</math>-GI</b>					
Acarbose	12,401	354(2.9)	1.53	1.37-1.70	<0.001
Miglitol	53,228	1337(2.5)	1.41	1.32-1.49	<0.001
Voglibose	104,217	2502(2.4)	1.47	1.40-1.55	<0.001