

## **SUPPLEMENTARY DATA**

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**Table 1 of the supplementary data**

Event definition using the diagnostics and procedure codes from hospital admission and during follow-up

	ICD9 diagnostic or procedure code	ICD10 diagnostic or procedure code
<b>Disease or condition</b>		
<i>Heart failure</i>	428.0, 428.1, 428.2, 428.3, 428.3, 428.4	I50.814, I50.9, I50.1, I50.20, I50.21, I50.22, I50.23, I50.30, I50.31, I50.32, I50.33, I50.40, I50.41, I50.42, I50.43
<i>Renal disease</i>	585	N18
<i>Neoplasia</i>	140-239	C00-C96
<i>Anemia</i>	280-285	D50, D51, D58, D59, D61.01, D62, D63, D64
<i>Obstructive pulmonary disease</i>	491-492, 494, 496	J41, J43, J44, J47
<i>Peripheral arterial disease</i>	440.2, 440.3, 440.4	I70.209, I70.219, I70.229, I70.25, I70.269, I70.299, I70.399, I70.499, I70.599, I70.92
<i>Atrial fibrillation</i>	427.3	I48.91, I48.92
<b>Events during follow-up</b>		
<i>Acute myocardial infarction</i>	410 except: 410.2	I21
<i>Ischemic stroke</i>	433, 434, except: 433.X0, 434.0	I63
<i>Hemorrhagic stroke</i>	430, 431, 432	I60.9, I61.9, I62  S06.6X, S06.5X, S06.4X

		<p>I60.00; I60.01; I60.02; I60.10; I60.11; I60.12;  I60.2; I60.30; I60.31; I60.32; I60.4; I60.50;  I60.51; I60.52;  I60.6; I60.7; I60.8; I60.9;    I61.0; I61.1; I61.2; I61.3; I61.4; I61.5; I61.6;  I61.8; I61.9;    I62.00; I62.01; I62.02; I62.03; I62.1; I62.9</p>
<i>Intraocular bleeding</i>	<p>362.81, 363.6, 363.61, 363.62,  376.32, 377.42, 379.23</p>	<p>H35.60, H31.309, H31.319, H05.239,  H47.029, H43.13, H59.111, H59.112,  H59.113, H59.121, H59.122, H59.123,  H59.129, H59.311, H59.312, H59.131,  H59.319, H59.321, H59.322, H59.323,  H59.329    H05.231; H05.232; H05.233; H05.239;  H21.00; H21.01; H21.02; H21.03; H31.301;  H31.302; H31.303    H31.309; H31.311; H31.312; H31.313;  H31.319; H35.60; H35.61; H35.62; H35.63;  H43.10;    H43.11; H43.12; H43.13; H44.811; H44.812;  H44.813; H44.819</p>

<i>Digestive bleeding</i>	<p>530.21, 530.7, 530.82, 531.0,                      531.2, 531.4, 531.6, 532.0, 532.2,                      532.4, 532.6, 533.0, 533.2, 533.4,                      534.4, 534.6, 535.01,                      535.11, 535.21, 535.31, 535.41,                      535.51, 535.61, 535.71, 537.83,                      562.02, 562.03, 562.12, 562.13,                      569.3, 569.85, 578.1, 578.9</p>	<p>K22.11, K22.6, K25.0, K25.2, K25.4, K25.6,                      K26.0, K26.2, K26.4, K26.6, K27.0, K27.2,                      K27.4, K27.6, K28.0, K28.2, K28.4, K28.6,                      K29.01, K29.41, K29.51, K29.61, K29.21,                      K29.61, K29.81, K31.811, K57.11, K57.13,                      K57.31, K57.33, K62.5, K55.21, K91.61,                      K91.62, K91.840, K91.841, K92.1, K92.2</p> <p>K22.11; K22.6; K25.0; K25.2; K25.4; K25.6;                      K26.0; K26.2; K26.4; K26.6; K27.0; K27.2;                      K27.4; K27.6; K28.0; K28.2; K28.4; K28.6;                      K29.01; K29.21; K29.31; K29.41; K29.51;                      K29.61; K29.71; K29.81; K29.91; K31.811;                      K31.82; K50.011; K50.111; K50.811;                      K50.911; K51.011; K51.211; K51.311;                      K51.411; K51.511; K51.811; K51.911;                      K55.21; K57.01; K57.11; K57.13; K57.21;                      K57.31; K57.33; K57.41; K57.51; K57.53;                      K57.81; K57.91; K57.93; K66.1; K92.0;                      K92.1, K92.2; K94.01; K94.11; K94.21;                      K94.31</p>

<p><i>Other bleeding</i></p>	<p>246.3, 459.0, 602.1, 784.8, 596.7, 599.7, 852,</p>	<p>R58, N42.1, R04.1, N32.89, R31.9, R31.0,</p> <p>D62</p> <p>D69.51; D69.59; D69.6; D69.8; D69.9</p> <p>D75.89</p> <p>H92.20; H92.21; H92.22; H92.23</p> <p>I85.01; I85.11</p> <p>M25.00; M25.011; M25.012; M25.019; M25.021; M25.022; M25.029; M25.031; M25.032; M25.039; M25.041; M25.042; M25.049; M25.051; M25.052; M25.059; M25.061; M25.062; M25.069; M25.071; M25.072; M25.073; M25.074; M25.075; M25.076; M25.08; M79.81; N30.01; N30.11; N30.21; N30.31; N30.41; N30.81; N30.91; N83.6; N83.7; N85.7 ; N89.7; N93.8; N93.9; N99.510; N99.520; N99.530; O46.001; O46.002; O46.003; O46.011; O46.012; O46.013; O46.019; O46.021; O46.022; O46.023; O46.029; O46.091; O46.092; O46.093; O46.099; O46.8X1; O46.8X2; O46.8X3; O46.8X9; O46.90; O46.91; O46.92; O46.93; O67.0; O67.8; O67.9; O72.0; O72.1; O72.2; O72.3; R04.0;</p>
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		R04.1; R04.2; R04.81; R04.89; R04.9; R31.0; R31.1; R31.2; R31.21; R31.29; R31.9; R58; R71.0; R79.1
<i>Iatrogenic bleeding</i>	997.02, 998.1	D78.01, D78.02, D78.21, D78.22, E36.01, E36.02, E89.810, E89.811, G97.31, G97.32, G97.51, G97.52, H95.21, H95.22, H95.41, H95.42, I97.410, I97.411, I97.418, I97.42, I97.610, I97.618, I97.620, J95.61, J95.62, J95.830, J95.831, N99.61, N99.62, N99.820, N99.821  D78.01; D78.02; D78.21; D78.22; D78.21; D78.22; E36.01; E36.02; E89.810; E89.811; E89.820; E89.821; G97.31; G97.32; G97.51; G97.52; G97.61; G97.62; H59.111; H59.112; H59.113; H59.119; H59.121; H59.122; H59.123; H59.129; H59.311; H59.312; H59.313; H59.319; H59.321; H59.322; H59.323; H59.329; H59.331; H59.332; H59.333; H59.339; H59.341; H59.342;

		<p>H59.343; H59.349; H95.21; H95.22; H95.41;  H95.42; H95.51; H95.52;</p> <p>I97.410; I97.411; I97.418; I97.42; I97.610;  I97.611; I97.618; I97.620; I97.621; I97.630;  I97.631; I97.638; J95.61; J95.62; J95.830;  J95.831; J95.860; J95.861; K91.61; K91.62;  K91.840; K91.841; K91.870; K91.871;  L76.01; L76.02; L76.21; L76.22; L76.31;  L76.32; M96.810; M96.811; M96.830;  M96.831; M96.840; M96.841; N99.61;  N99.62; N99.820; N99.821; N99.840;  N99.841; T79.2XXA; T79.2XXD; T79.2XXS</p> <p>D68.312; D68.318; D68.32; D68.4; D68.8;  D68.9; D69;  D75.82; J94.2;</p>		
<i>Endoscopic treatment</i>	44.43, 45.42, 45.43	0W3.00ZZ;	0W3.03ZZ;	0W3.04ZZ;
		0W3.10ZZ;	0W3.13ZZ;	0W3.14ZZ;
		0W3.20ZZ;	0W3.23ZZ;	0W3.24ZZ;
		0W3.30ZZ;	0W3.33ZZ;	0W3.34ZZ;
		0W3.37ZZ;	0W3.38ZZ;	0W3.3XZZ;
		0W3.40ZZ;	0W3.43ZZ;	0W3.44ZZ;
		0W3.50ZZ;	0W3.53ZZ;	0W3.54ZZ;

		OW3.60ZZ; OW3.63ZZ; OW3.64ZZ; OW3.80ZZ; OW3.83ZZ; OW3.84ZZ; OW3.90ZZ; OW3.93ZZ; OW3.94ZZ; OW3.B0ZZ; OW3.B3ZZ; OW3.B4ZZ; OW3.C0ZZ; OW3.C3ZZ; OW3.C4ZZ; OW3.D0ZZ; OW3.D3ZZ; OW3.D4ZZ; OW3.F0ZZ; OW3.F3ZZ; OW3.F4ZZ; OW3.G0ZZ; OW3.G3ZZ; OW3.G4ZZ; OW3.H0ZZ; OW3.H3ZZ; OW3.H4ZZ; OW3.J0ZZ; OW3.J3ZZ; OW3.J4ZZ; OW3.K0ZZ; OW3.K3ZZ; OW3.K4ZZ; OW3.L0ZZ; OW3.L3ZZ; OW3.L4ZZ; OW3.M0ZZ; OW3.M3ZZ; OW3.M4ZZ; OW3.N0ZZ; OW3.N3ZZ; OW3.N4ZZ; OW3.P0ZZ; OW3.P3ZZ; OW3.P4ZZ; OW3.P7ZZ; OW3.P8ZZ; OW3.Q0ZZ; OW3.Q3ZZ; OW3.Q4ZZ; OW3.Q7ZZ; OW3.Q8ZZ; OW3.R0ZZ; OW3.R3ZZ; OW3.R4ZZ; OW3.R7ZZ; OW3.R8ZZ
<i>Transfusion</i>	99.04	302.33N0; 302.33N1; 302.33P0; 302.33P1; 302.40N0; 302.40N1; 302.40P0; 302.40P1; 302.43N0; 302.43N1; 302.43P0; 302.43P1; 302.50N0; 302.50N1; 302.50P0; 302.50P1; 302.53N0; 302.53N1; 302.53P0; 302.53P1;



		302.60N0; 302.60N1; 302.60P0; 302.60P1; 302.63N0; 302.63N1; 302.63P0; 302.63P1; 302.30R0; 302.30R1; 302.33R0; 302.33R1; 302.40R0; 302.40R1; 302.43R0; 302.43R1; 302.50R0; 302.50R1; 302.53R0; 302.53R1; 302.60R0; 302.60R1; 302.63R0; 302.63R1
<i>Revascularization</i>	00.66, 36.0, 36.1, 36.2, 36.3	From 027.0 to 027.3
Percutaneous	00.66	
<i>Drug eluting stent</i>	36.07	
<i>Non-drug eluting stent</i>	36.06	
Surgical	36.1, 36.2, 36.3	From 021.0 to 021.3

ICD, International Classification of Diseases.

**Table 2 of the supplementary data**

Outcomes time-trend in the unadjusted and adjusted analyses excluding those patients with anticoagulation therapy at discharge\*

	OR (95%CI)	P
<i>Death or AMI or stroke or Revascularization</i>		
M0	0.994 (0.989-0.999)	.021
M1	0.993 (0.988-0.998)	.009
M2	0.993 (0.988-0.998)	.005
<i>Death</i>		
M0	0.999 (0.991-1.007)	.807
M1	0.996 (0.988-1.005)	.373
M2	0.994 (0.985-1.002)	.139
<i>AMI</i>		
M0	0.995 (0.986-1.004)	.268
M1	0.995 (0.986-1.004)	.252
M2	0.995 (0.986-1.004)	.266
<i>Stroke</i>		
M0	1.004 (0.985-1.024)	.662
M1	1.003 (0.984-1.022)	.791
M2	1.003 (0.984-1.022)	.795
<i>Revascularization</i>		
M0	0.992 (0.986-0.998)	.009
M1	0.992 (0.986-0.998)	.013

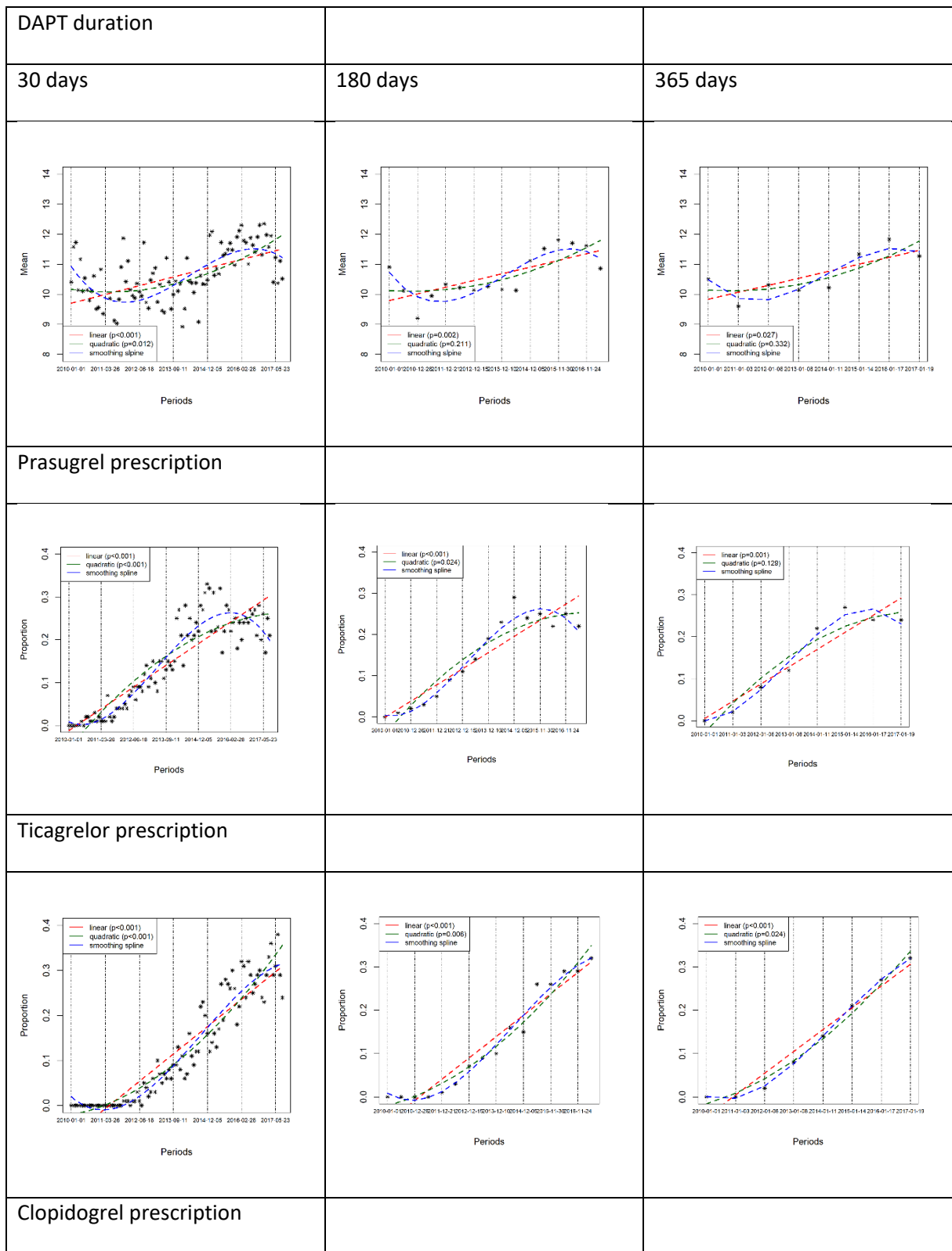
M2	0.993 (0.987-0.999)	.024
<i>Bleeding</i>		
M0	1.004 (0.99-1.019)	.564
M1	1.003 (0.989-1.018)	.669
M2	1.002 (0.988-1.017)	.757

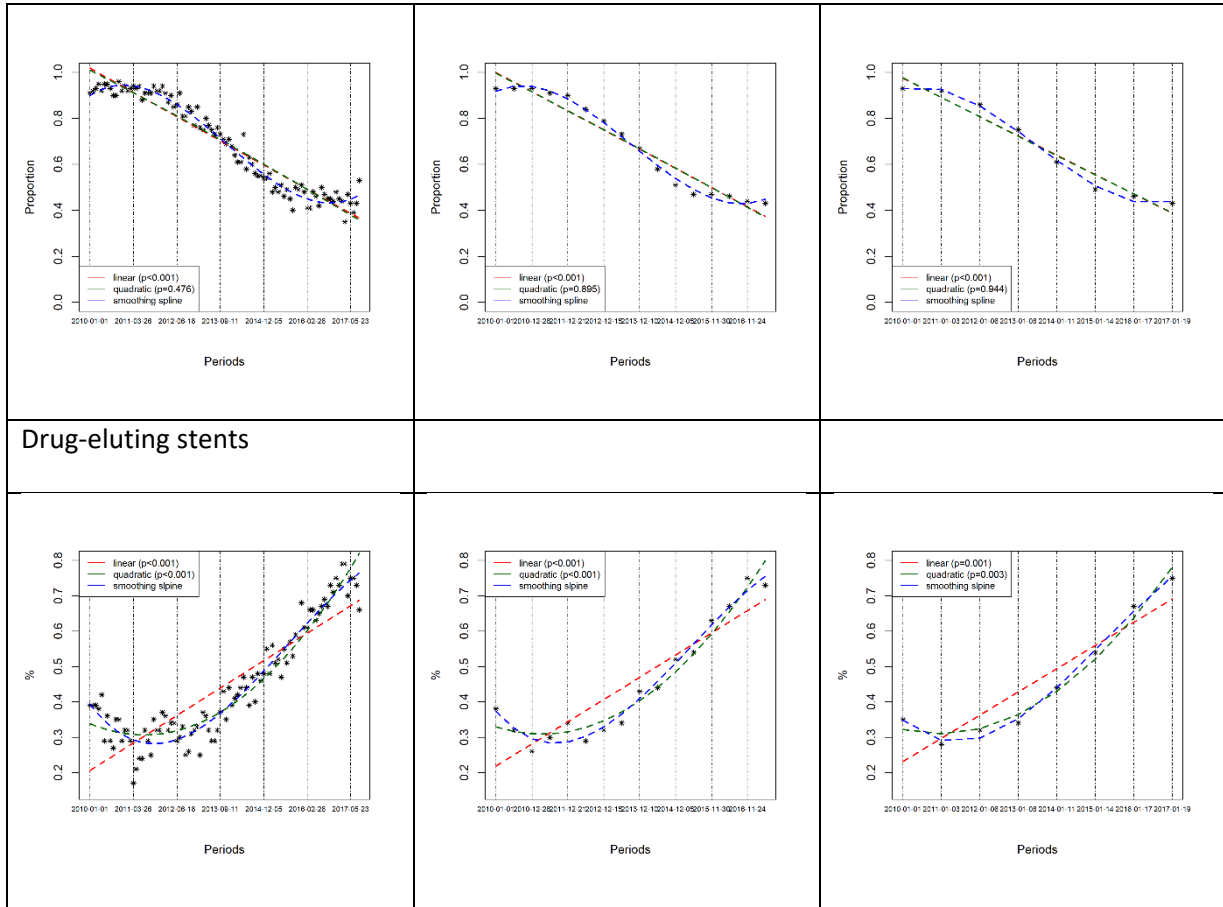
95%CI, 95% confidence interval; AMI, acute myocardial infarction; OR, odds ratio.

\* Time unit is the quarter. Models express the decrease or increase in risk each quarter.

M0: Lineal trend of the time unit (quarter). M1: M0 + age + sex. M2: M1 + renal impairment + previous AMI + diabetes + KILLIP III/IV + anterior AMI.

**Figure 1 of the supplementary data**





Temporal trend for the exposures of interest considering different time unit references.

DAPT, dual antiplatelet therapy.