
Asia

Comments

- The data was extracted from the GARFIELD-AF registry database on 28 JUL 2016
- The data includes prospective patients in cohorts 1, 2, 3, 4 and 5
- The data does not include retrospective patients
- Regions:

Europe: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Hungary, Italy,

Netherlands, Norway, Poland, Russia, Spain, Sweden, Switzerland, Ukraine, United Kingdom

Asia: China, India, Japan, Korea, Singapore, Thailand, Turkey, United Arab Emirates

North America: Canada, United States of America

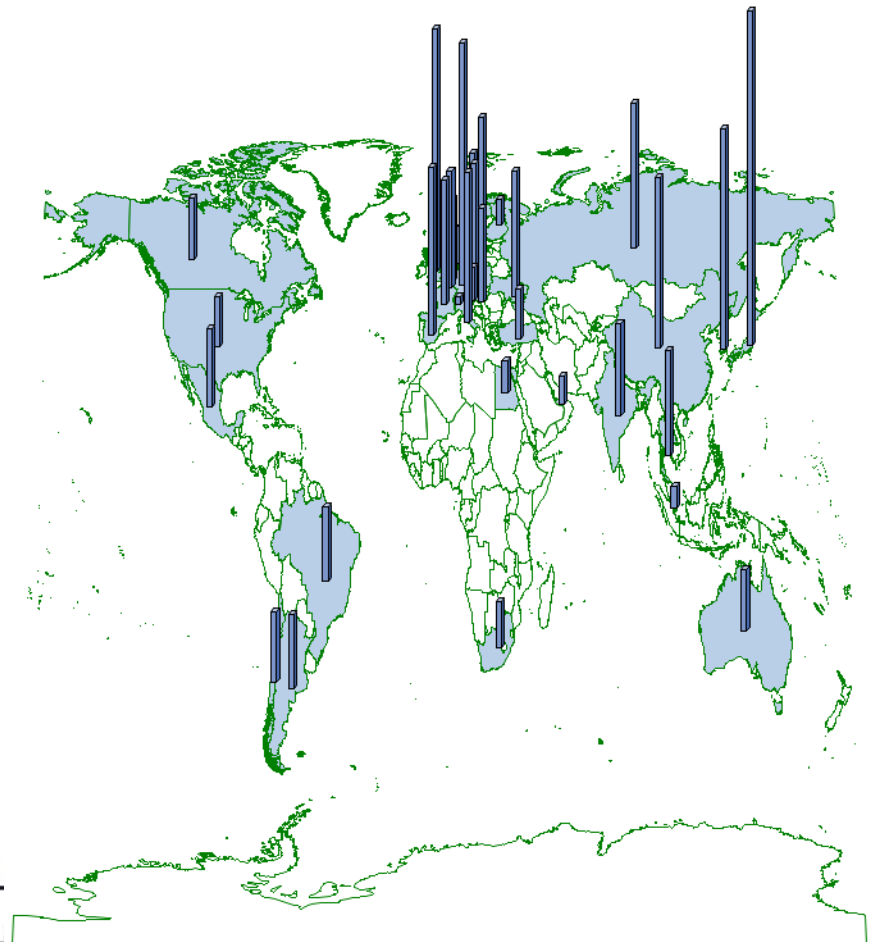
Latin America: Argentina, Brazil, Chile, Mexico

Rest of World: Australia, Egypt, South Africa

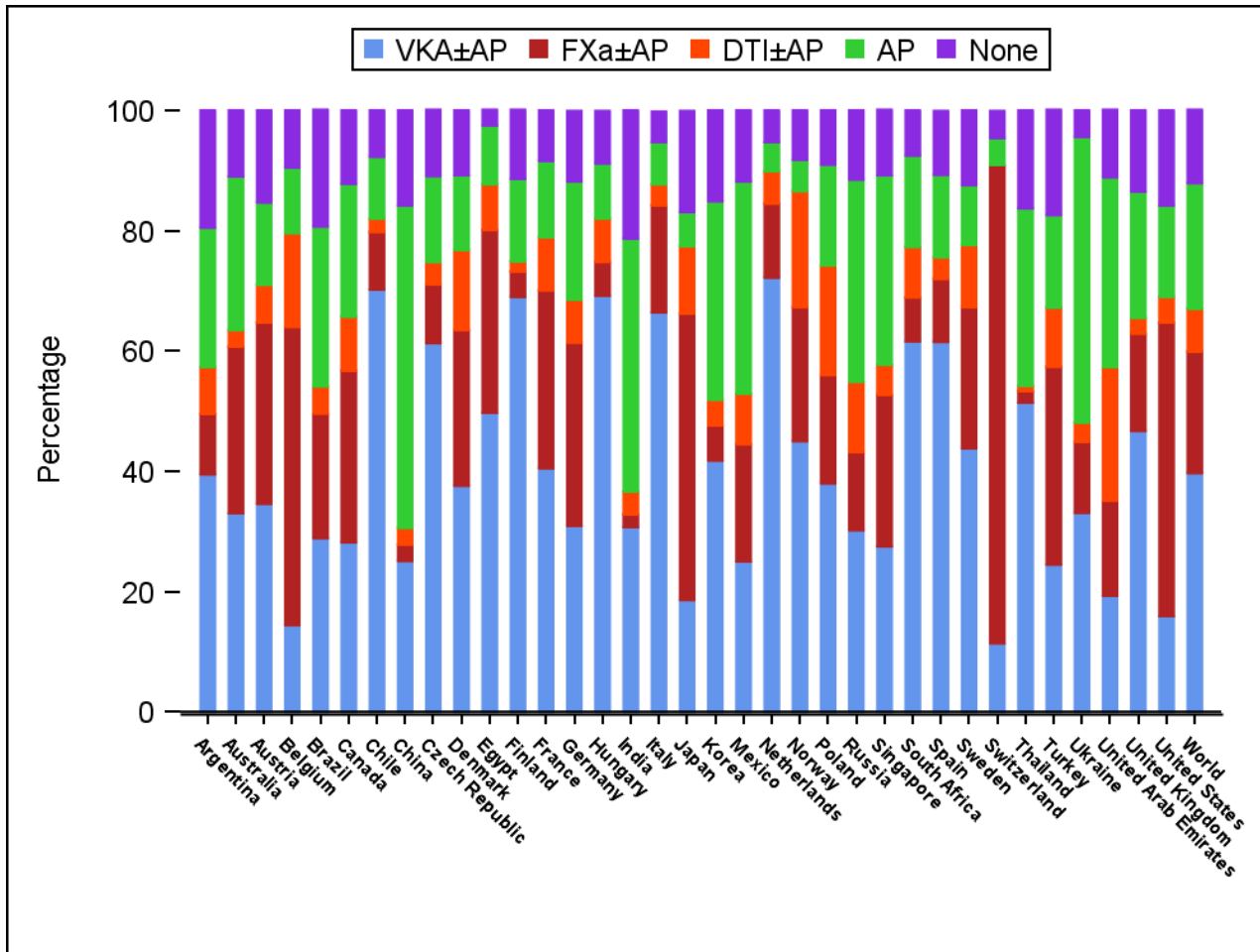
Treatment at diagnosis by country

Global enrolment of Prospective patients

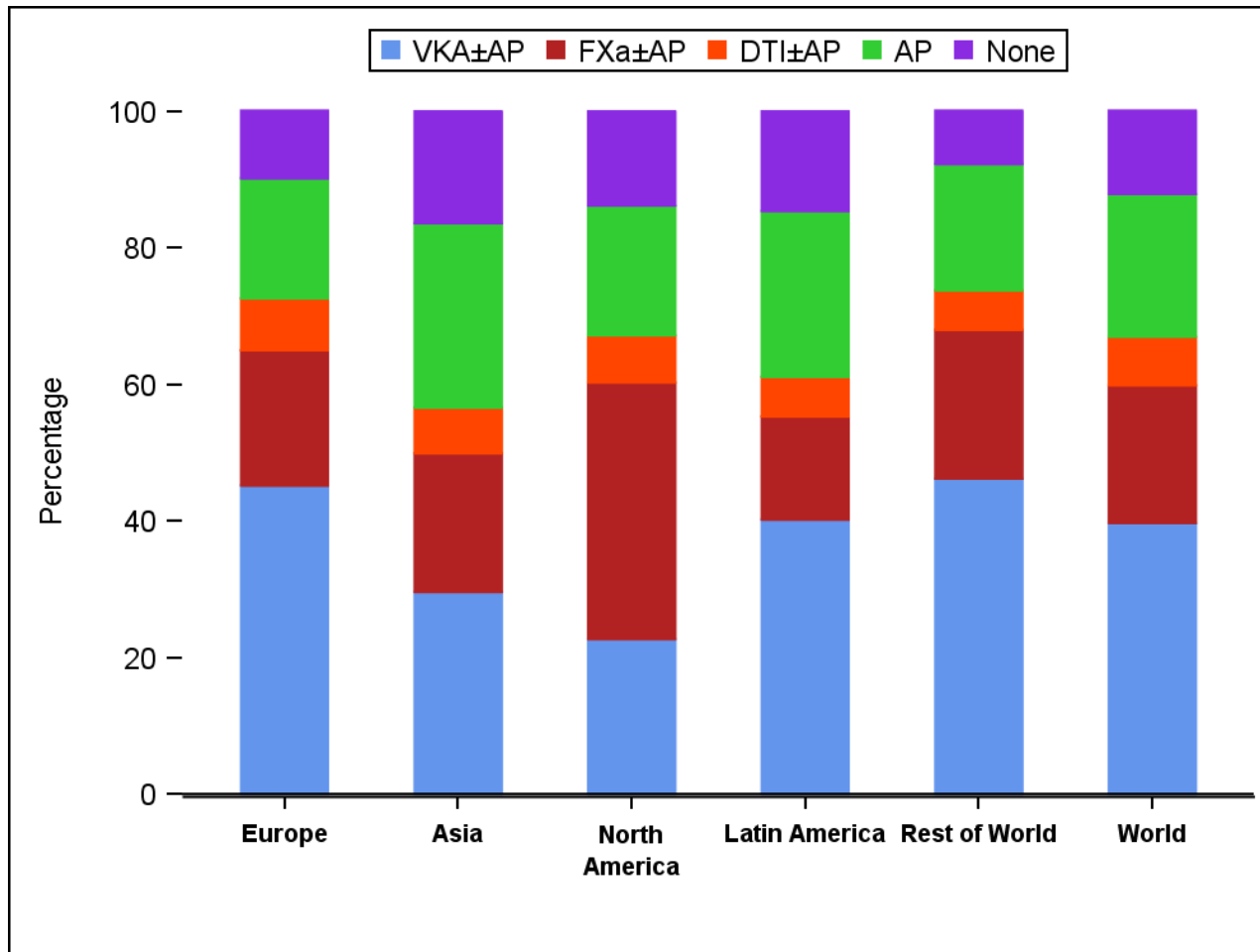
Region	n	%
Europe	28855	56.3
Asia	14713	28.7
North America	1588	3.1
Latin America	4164	8.1
Rest of World	1950	3.8
Total	51270	100



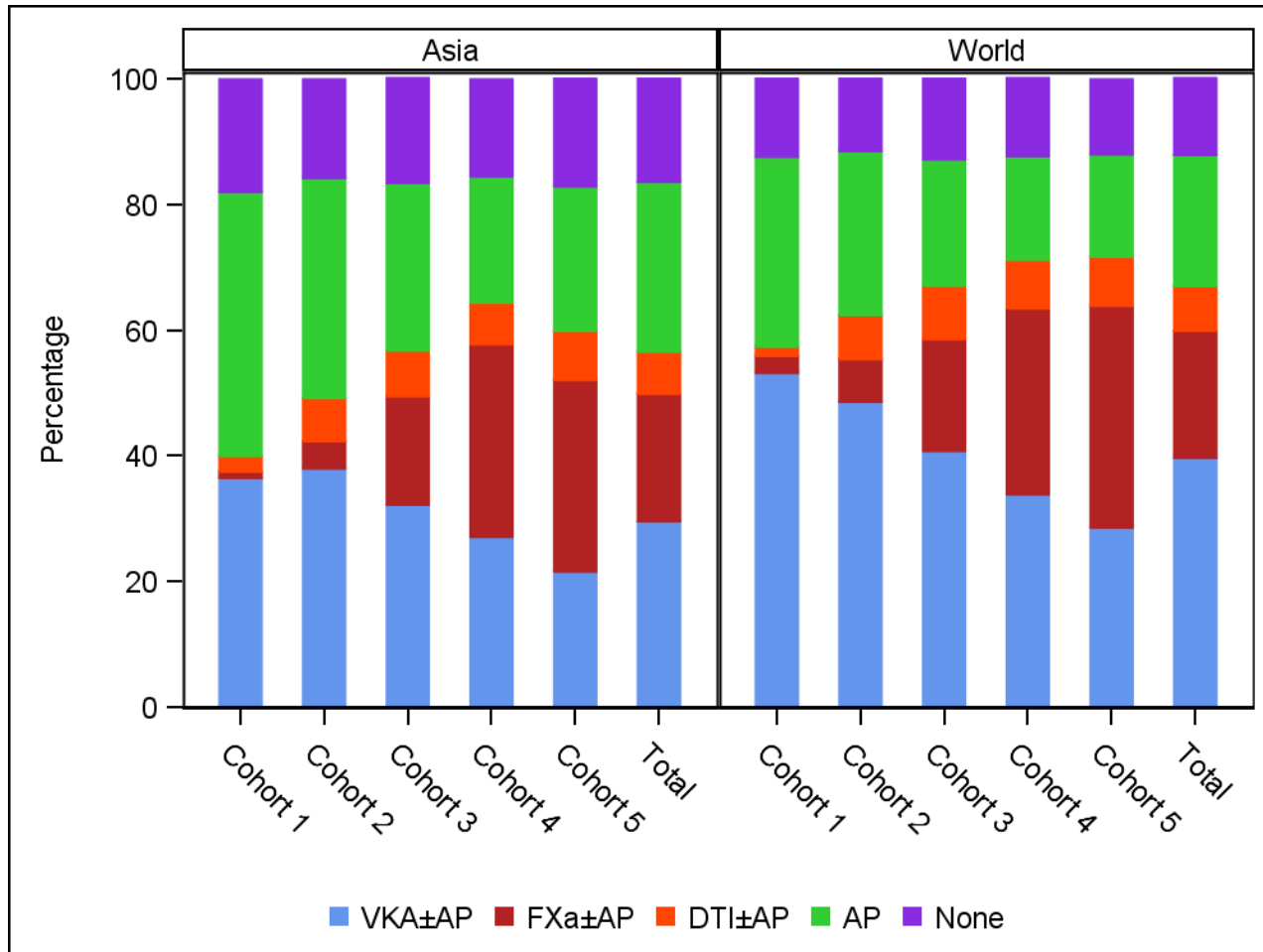
Treatment at diagnosis by country



Treatment at diagnosis by region



Treatment at diagnosis by cohort



Baseline characteristics

		Asia N=(14713)	World N=(51270)
Sex	Female, n (%)	6041 (41.1)	22668 (44.2)
Age at Diagnosis (Years)	mean (sd)	67.6 (12.1)	69.7 (11.5)
Age Group	<65, n (%)	5403 (36.7)	15427 (30.1)
	65-74, n (%)	4828 (32.8)	16684 (32.5)
	>=75, n (%)	4482 (30.5)	19159 (37.4)
BMI (kg/m ²)	mean (sd)	24.8 (4.2)	27.8 (5.7)
Pulse (bpm)	mean (sd)	87.6 (24.1)	90.4 (26.8)
Systolic BP (mm Hg)	mean (sd)	129.2 (19.4)	133.5 (19.9)
Diastolic BP (mm Hg)	mean (sd)	77.7 (13.5)	79.7 (12.9)
Congestive heart failure	n (%)	2948 (20.0)	10260 (20.0)
Coronary artery disease	n (%)	2662 (18.1)	11035 (21.5)
Acute coronary syndrome	n (%)	1074 (7.3)	4860 (9.5)
Carotid Occlusive Disease	n (%)	267 (1.8)	1515 (3.0)
Cirrhosis	n (%)	100 (0.7)	289 (0.6)

Baseline characteristics

		Asia N=(14713)	World N=(51270)
Diabetes	n (%)	3247 (22.1)	11317 (22.1)
History of Bleeding	n (%)	245 (1.7)	1302 (2.6)
Hypercholesterolaemia	n (%)	4120 (28.7)	20637 (41.6)
PE or DVT	n (%)	93 (0.6)	1334 (2.6)
Stroke/TIA	n (%)	1591 (10.8)	5858 (11.4)
Treatment Sector	In the private sector, n (%)	6633 (53.0)	12280 (28.4)
	In the public sector, n (%)	5891 (47.0)	30915 (71.6)

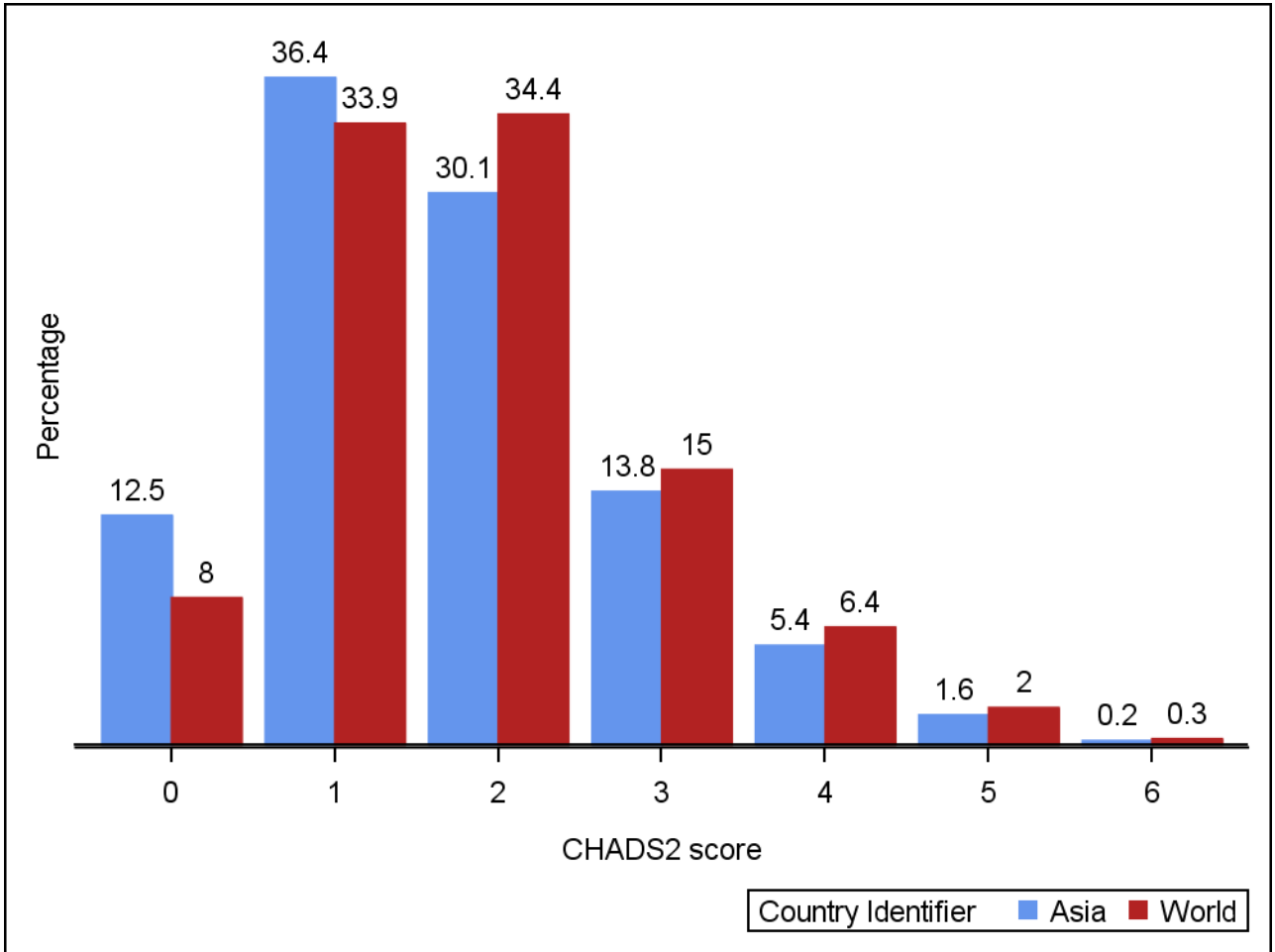
Baseline characteristics

		Asia N=(14713)	World N=(51270)
CHADS2 Score	mean (sd)	1.7 (1.1)	1.9 (1.1)
CHA2DS2-VASc Score	mean (sd)	2.9 (1.6)	3.2 (1.6)
HAS BLED Score	mean (sd)	1.3 (0.9)	1.4 (0.9)

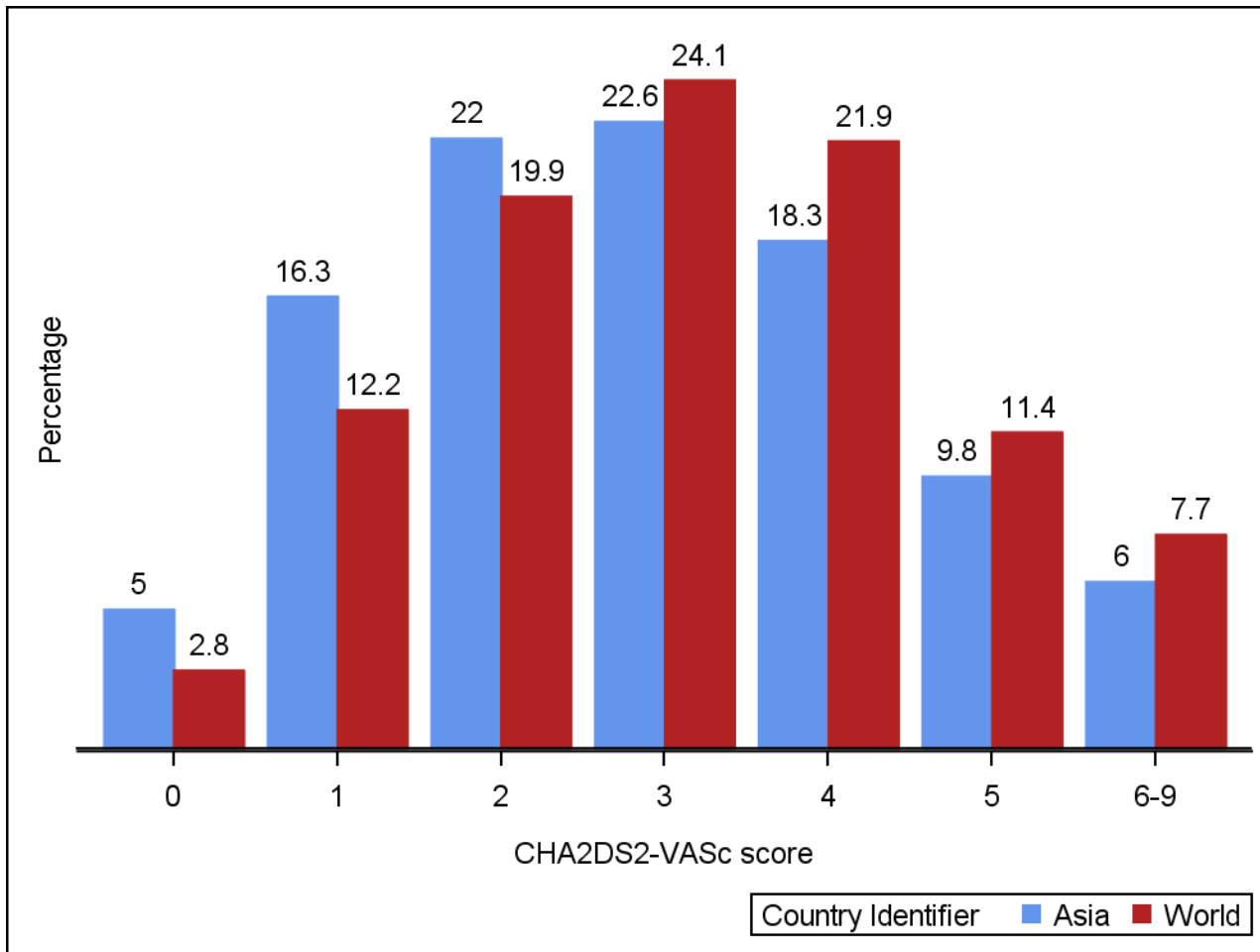
Baseline characteristics

		Asia N=(14713)	World N=(51270)
Systemic Embolization	n (%)	61 (0.4)	332 (0.7)
Type of AF Diagnosed	New, n (%)	5517 (37.5)	22982 (44.8)
	Paroxysmal, n (%)	5371 (36.5)	14115 (27.5)
	Permanent, n (%)	1254 (8.5)	6508 (12.7)
	Persistent, n (%)	2571 (17.5)	7663 (14.9)
Care Setting Speciality at Diagnosis	Cardiology, n (%)	12453 (84.6)	33650 (65.6)
	Internal Medicine, n (%)	1647 (11.2)	9211 (18.0)
	Neurology, n (%)	131 (0.9)	870 (1.7)
	Primary Care/General Practice, n (%)	451 (3.1)	7339 (14.3)

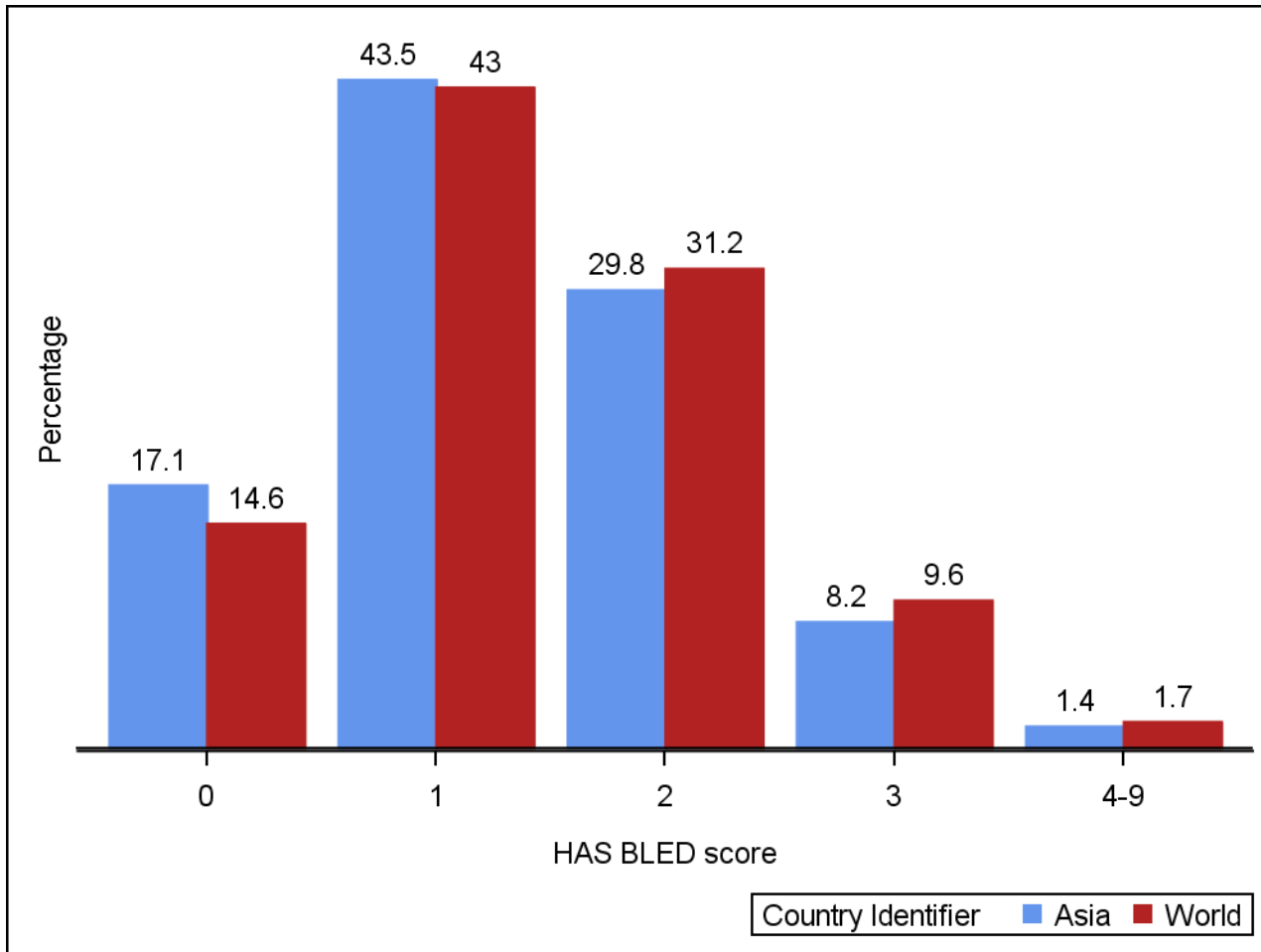
Stroke risk profile: CHADS2



Stroke risk profile: CHA₂DS₂ VASc



Stroke risk profile: HAS BLED



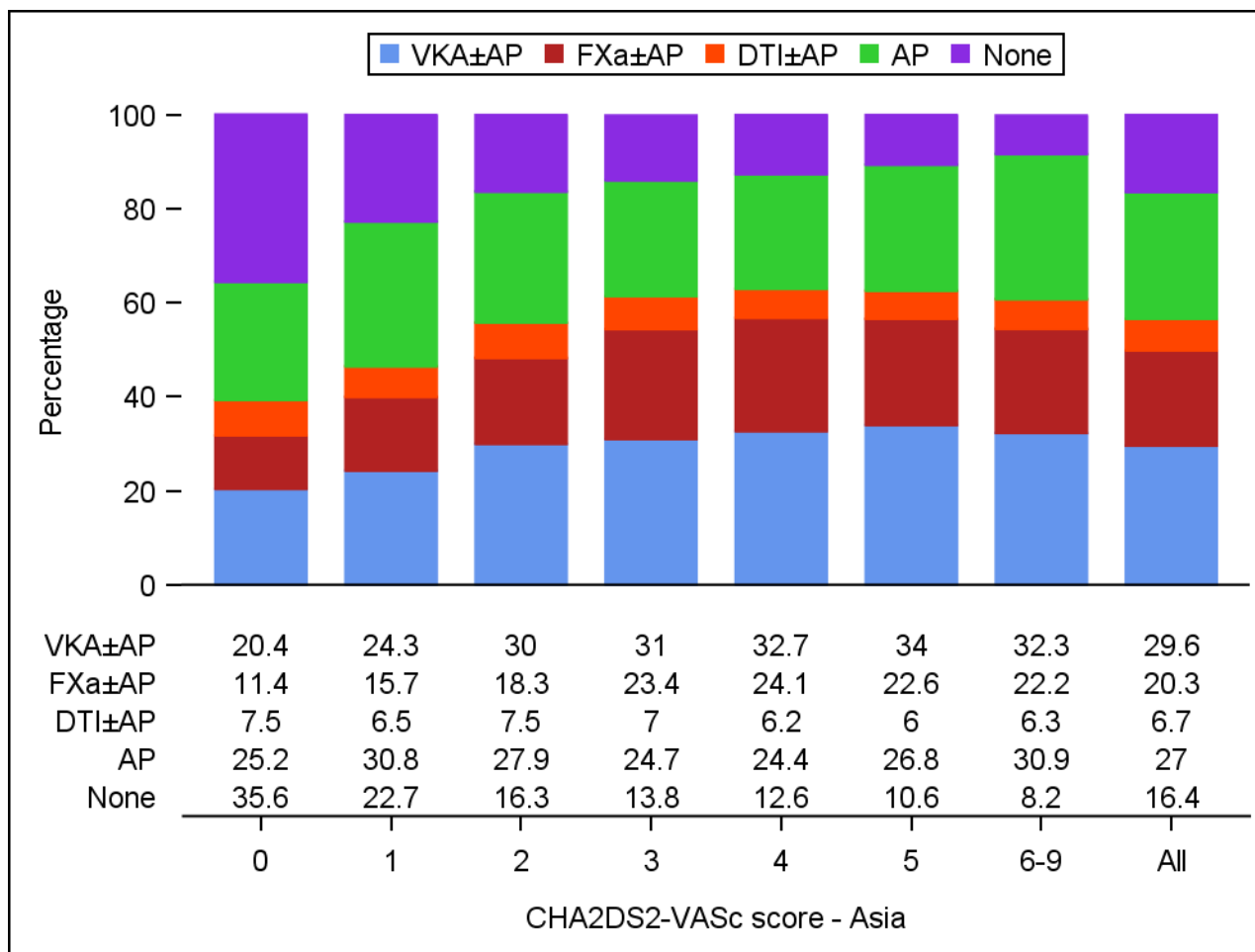
Treatment at diagnosis by CHA₂DS₂-VASc score - Asia

CHA ₂ DS ₂ -VASc		VKA±AP	FXa±AP	DTI±AP	AP	None	Unknown	Total
		n	n	n	n	n	n	n
Asia	Unknown	88	62	12	112	113	7	394
	0	145	81	53	179	253	5	716
	1	562	364	150	713	525	13	2327
	2	938	572	233	871	510	31	3155
	3	990	748	225	789	441	39	3232
	4	848	626	161	633	327	31	2626
	5	466	310	82	367	146	27	1398
	6-9	275	189	54	263	70	14	865

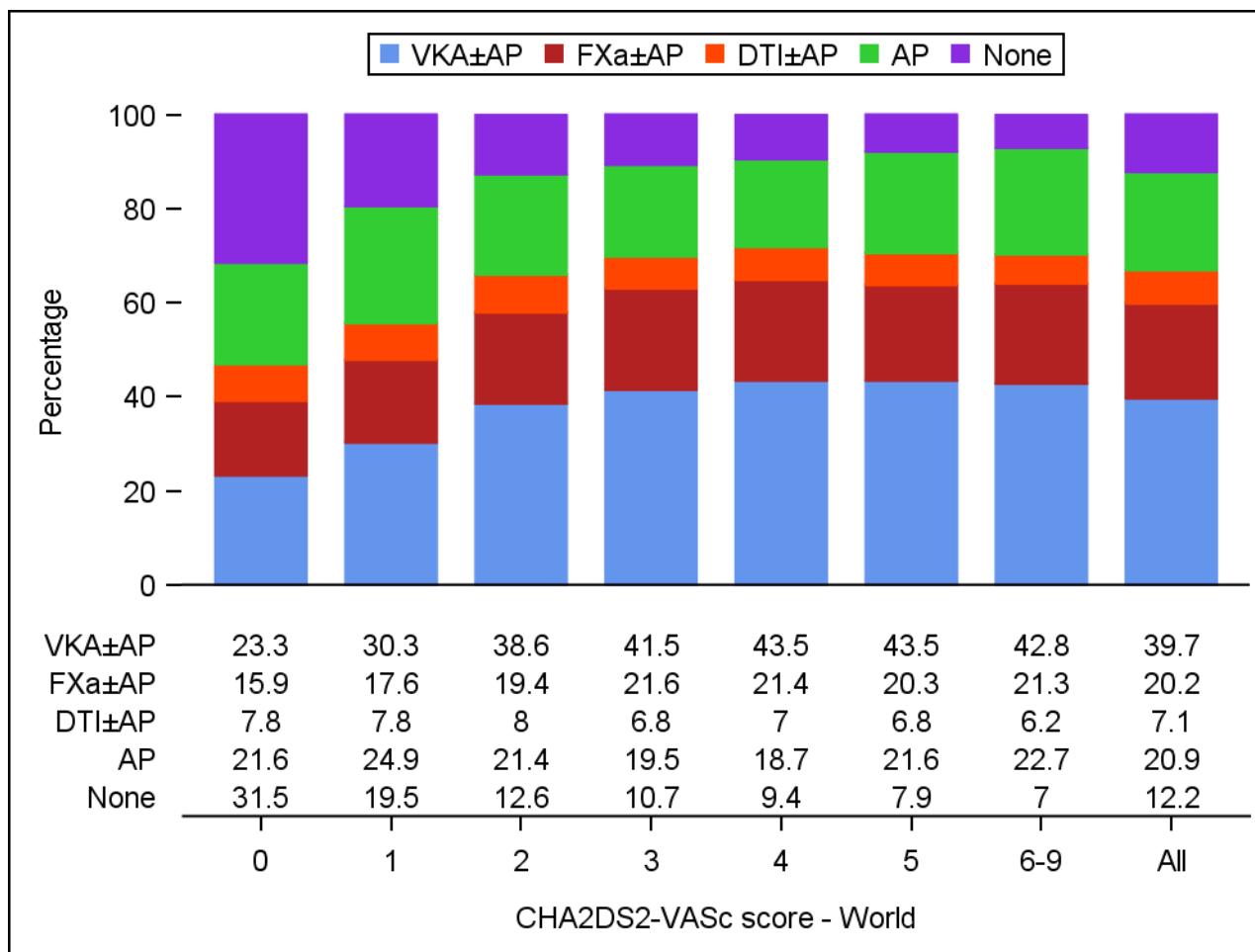
Treatment at diagnosis by CHA₂DS₂-VASc score - World

CHA ₂ DS ₂ -VASc		VKA±AP	FXa±AP	DTI±AP	AP	None	Unknown	Total
		n	n	n	n	n	n	n
World	Unknown	450	209	54	274	317	14	1318
	0	323	220	108	300	437	16	1404
	1	1827	1061	468	1503	1179	57	6095
	2	3800	1908	793	2108	1246	110	9965
	3	4930	2567	803	2317	1266	147	12030
	4	4698	2313	751	2020	1016	139	10937
	5	2439	1137	379	1210	445	86	5696
	6-9	1613	803	233	856	262	58	3825

Treatment at diagnosis



Treatment at diagnosis



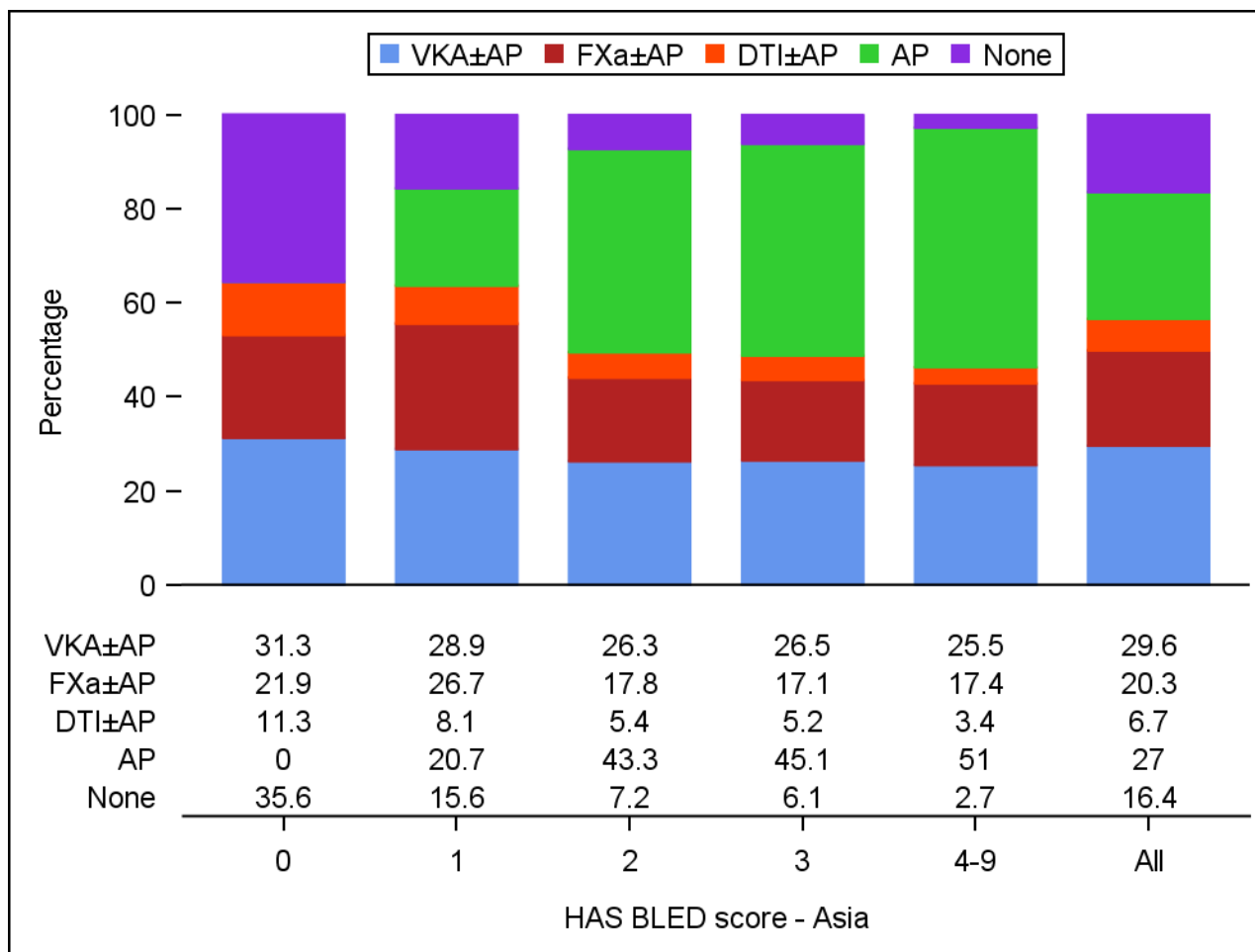
Treatment at diagnosis by HAS BLED score - Asia

HASBLED		VKA±AP	FXa±AP	DTI±AP	AP	None	Unknown	Total	
		n	n	n	n	n	n	N	n
Asia	Unknown	1232	524	150	1064	693	22	3685	3685
	0	583	408	210	0	663	23	1887	1887
	1	1368	1262	383	978	735	71	4797	4797
	2	854	579	175	1405	235	37	3285	3285
	3	237	153	47	404	55	11	907	907
	4-9	38	26	5	76	4	3	152	152

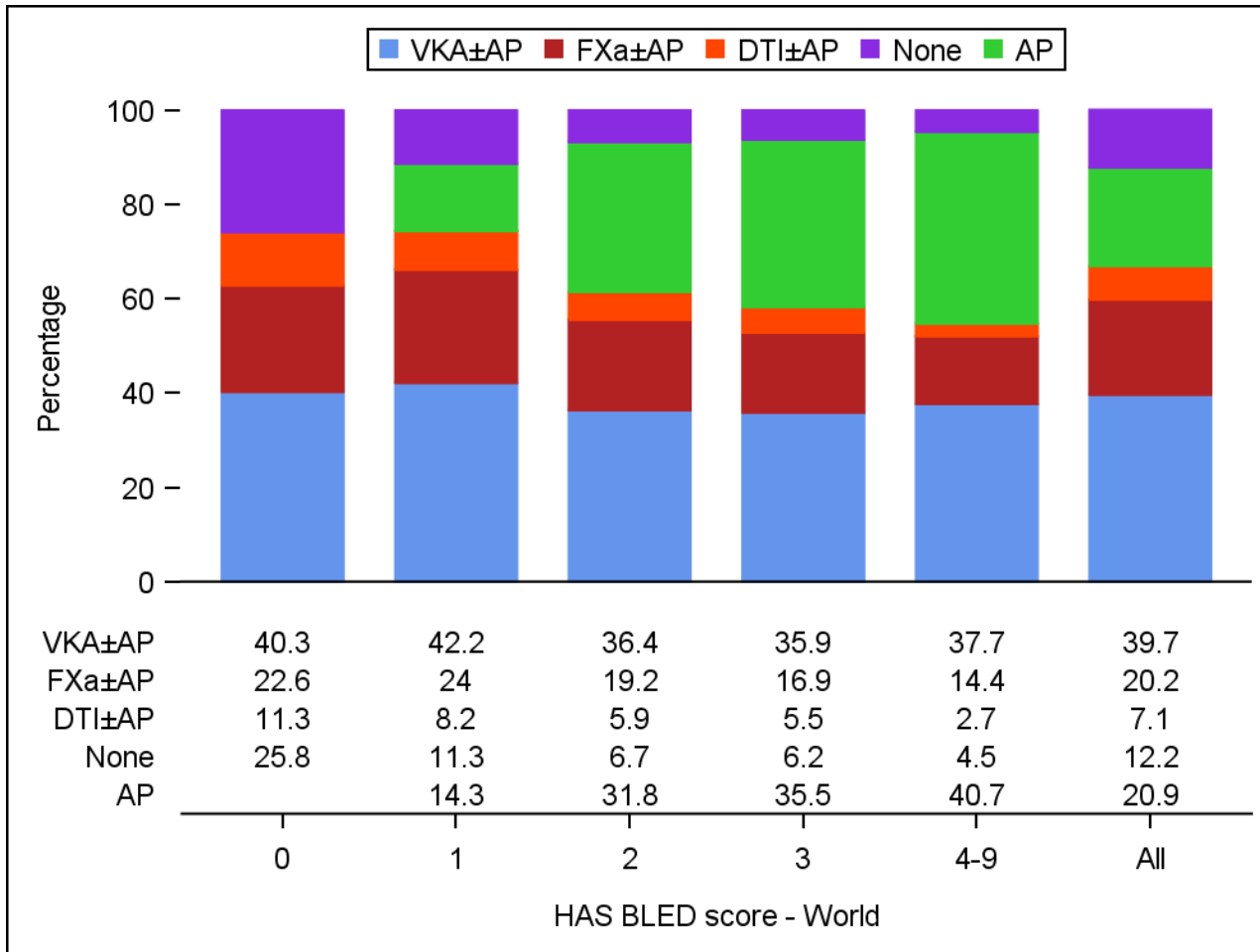
Treatment at diagnosis by HAS BLED score - World

HASBLED		VKA±AP	FXa±AP	DTI±AP	AP	None	Unknown	Total
		n	n	n	n	n	n	n
World	Unknown	5685	2393	827	3225	2025	139	14294
	0	2138	1201	598	0	1366	83	5386
	1	6622	3759	1280	2243	1773	213	15890
	2	4145	2185	676	3625	758	140	11529
	3	1254	590	191	1240	218	43	3536
	4-9	236	90	17	255	28	9	635

Treatment at diagnosis



Treatment at diagnosis



INR values and time in therapeutic range

Variable	Statistics	Asia (N = 3544) n %	World (N = 16852) n %
INR value, n(%)	n	15210	137133
	<2	9090 (59.8)	43965 (32.1)
	2-3	4744 (31.2)	70543 (51.4)
	>3	1376 (9.0)	22625 (16.5)
INR value	n	15210	137133
	Mean (SD)	2.0 (0.9)	2.4 (0.9)
	Median (IQR)	1.8 (1.4 to 2.3)	2.3 (1.8 to 2.8)
	Min to Max	0.8 to 18.6	0.8 to 20.0
TTR, n(%)	>=65	318 (16.7)	4083 (41.1)
	n (missing)	1899 (1645)	9934 (6918)
	<65	1581 (83.3)	5851 (58.9)
TTR	n (missing)	1899 (1645)	9934 (6918)
	Mean (SD)	34.1 (28.2)	55.0 (27.3)
	Median (IQR)	31.0 (8.0 to 54.8)	58.8 (36.7 to 75.8)
	Min to Max	0.0 to 100.0	0.0 to 100.0

Event rates during the first year of follow-up (rates per 100 person-years)

	Asia		World	
	Events	Rate (95% CI)	Events	Rate (95% CI)
Death	305	2.95 (2.64 to 3.30)	1603	4.25 (4.05 to 4.46)
Cardiovascular Death	106	1.03 (0.85 to 1.24)	643	1.71 (1.58 to 1.84)
Non-cardiovascular death	109	1.05 (0.87 to 1.27)	581	1.54 (1.42 to 1.67)
Undetermined Cause	90	0.87 (0.71 to 1.07)	379	1.01 (0.91 to 1.11)
Stroke/SE	129	1.26 (1.06 to 1.49)	537	1.43 (1.32 to 1.56)
Major Bleeding	50	0.49 (0.37 to 0.64)	328	0.87 (0.78 to 0.97)
Acute coronary syndrome	43	0.42 (0.31 to 0.56)	306	0.81 (0.73 to 0.91)
Congestive hearth failure	119	1.16 (0.97 to 1.38)	899	2.42 (2.26 to 2.58)

Cause of death during the first year of follow-up

	Asia		World	
	n	%	n	%
Cardiovascular causes				
Congestive heart failure	42	39.6	211	32.8
Sudden or unwitnessed death	16	15.1	109	17.0
Myocardial infarction	13	12.3	69	10.7
Non-haemorrhagic stroke (Ischemic Stroke)	8	7.5	69	10.7
Non Cardiovascular causes				
Malignancy	20	18.3	167	28.7
Respiratory failure	21	19.3	115	19.8
Infection	14	12.8	56	9.6
Sepsis	7	6.4	55	9.5

Type of stroke during the first year of follow-up

	Asia		World	
	n	%	n	%
Stroke (not including systemic embolism)	125	1.12	483	1.21
Primary Ischemic	81	0.73	327	0.82
of which secondary hemorrhagic ischemic	7	0.06	18	0.05
Primary intracerebral hemorrhage	16	0.14	62	0.16
Intracerebral	7	0.06	38	0.10
Intraventricular	1	0.01	8	0.02
Subarachnoid	4	0.04	10	0.03
Undetermined	28	0.25	94	0.24