

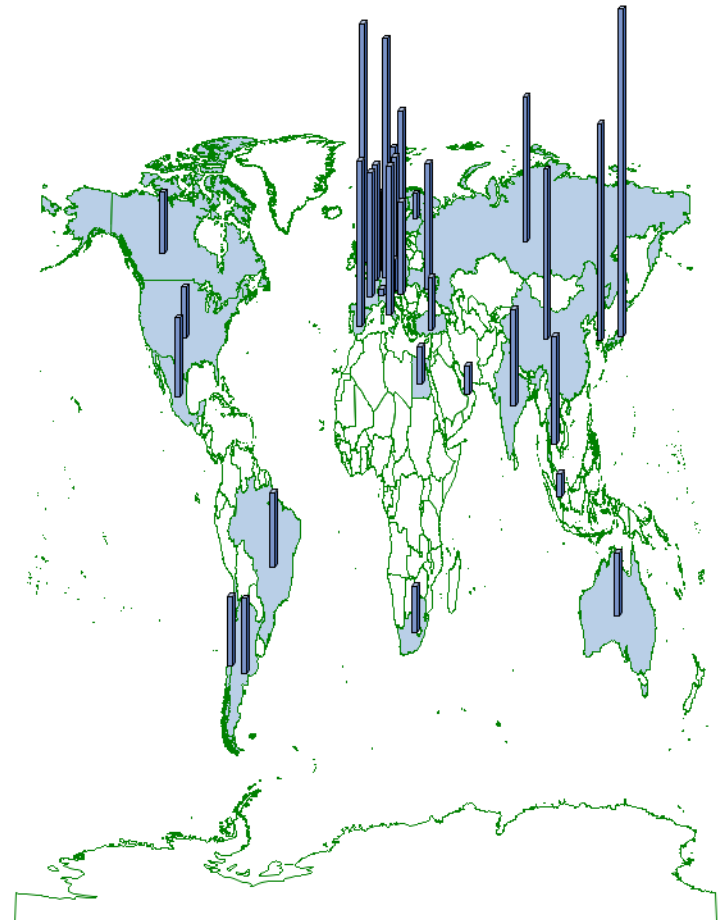
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# India

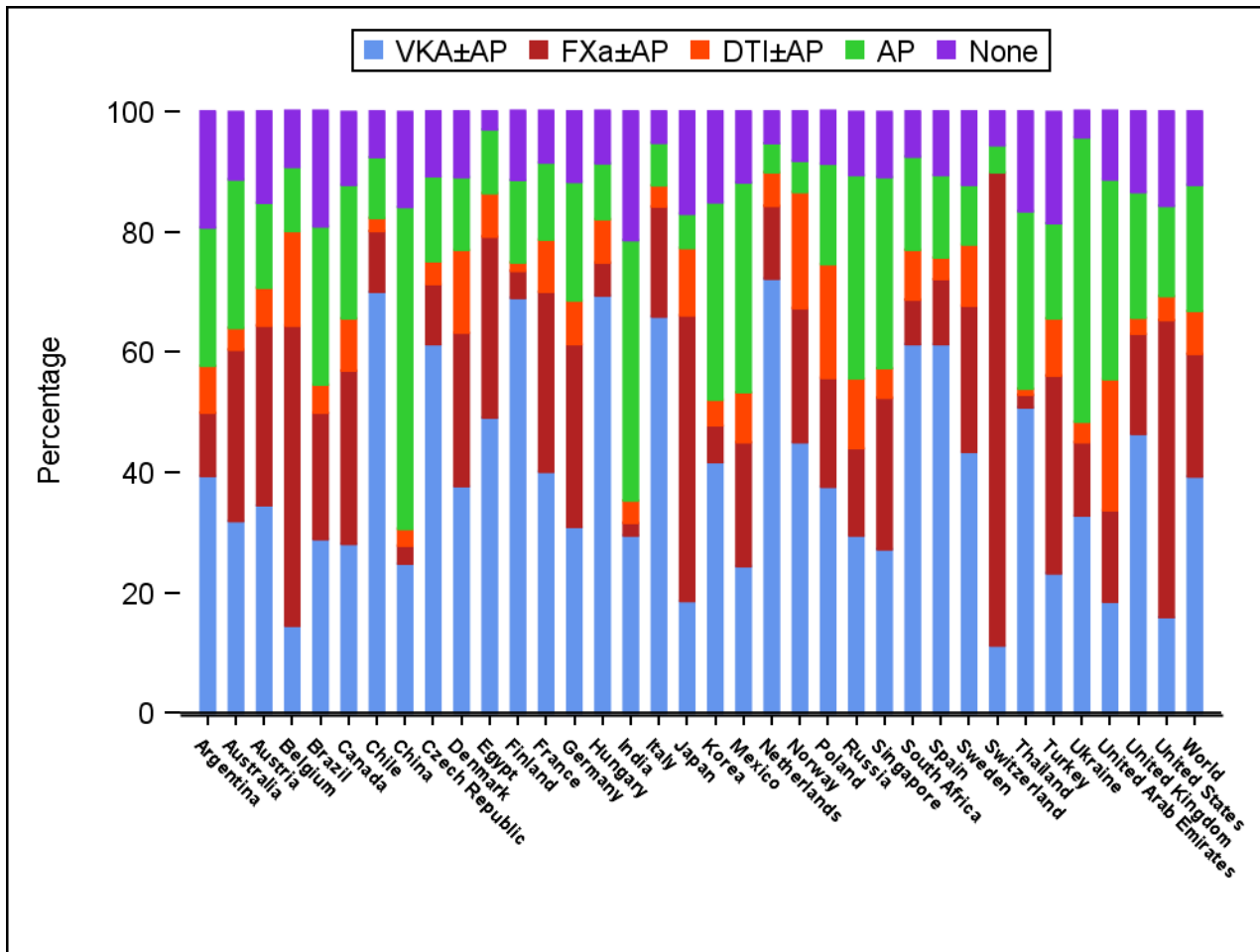
## Treatment at diagnosis by country

### Global enrolment of Prospective patients

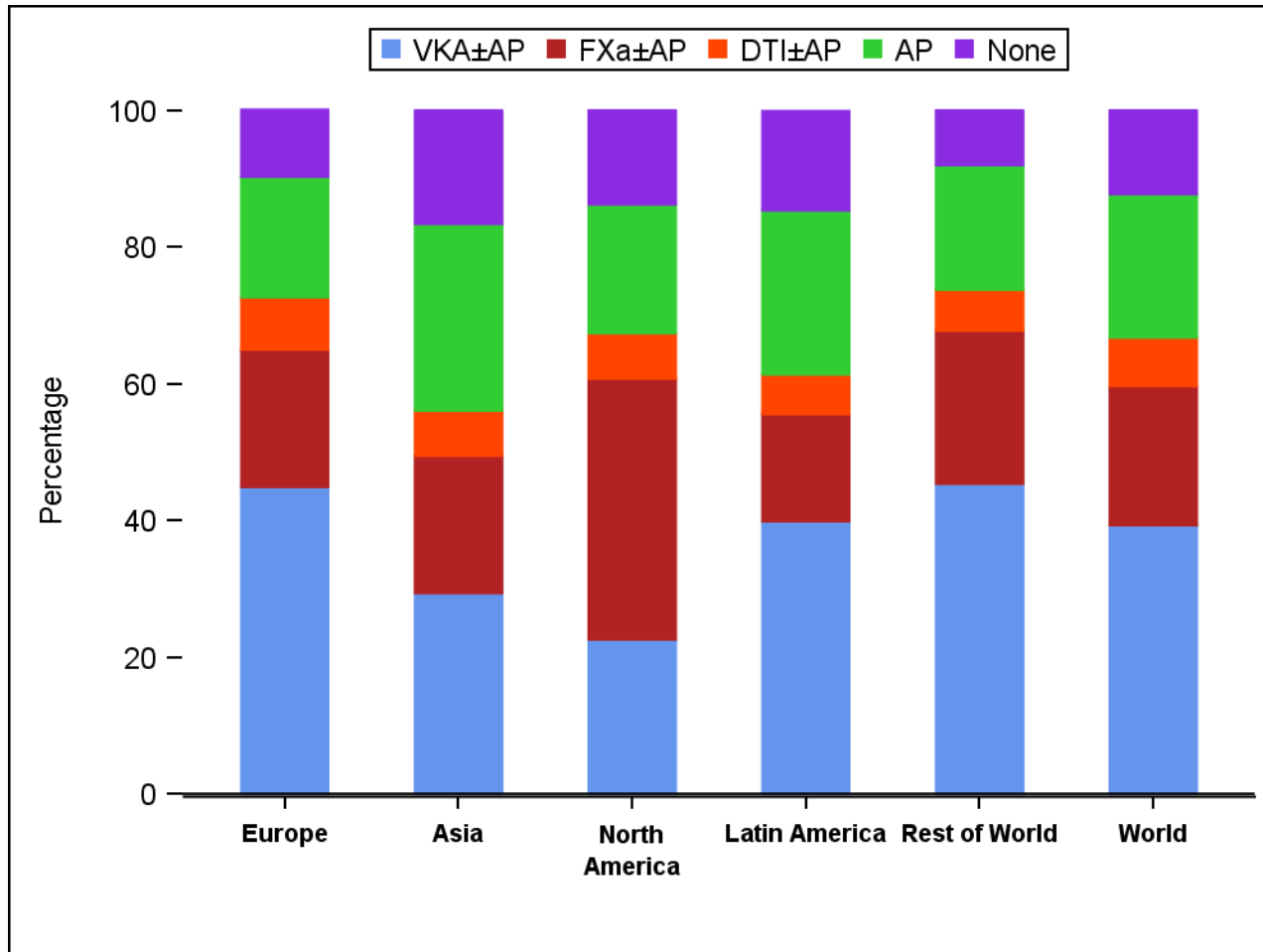
Region	n	%
Europe	29167	56
Asia	14988	28.8
North America	1618	3.1
Latin America	4247	8.2
Rest of World	2061	4
Total	52081	100



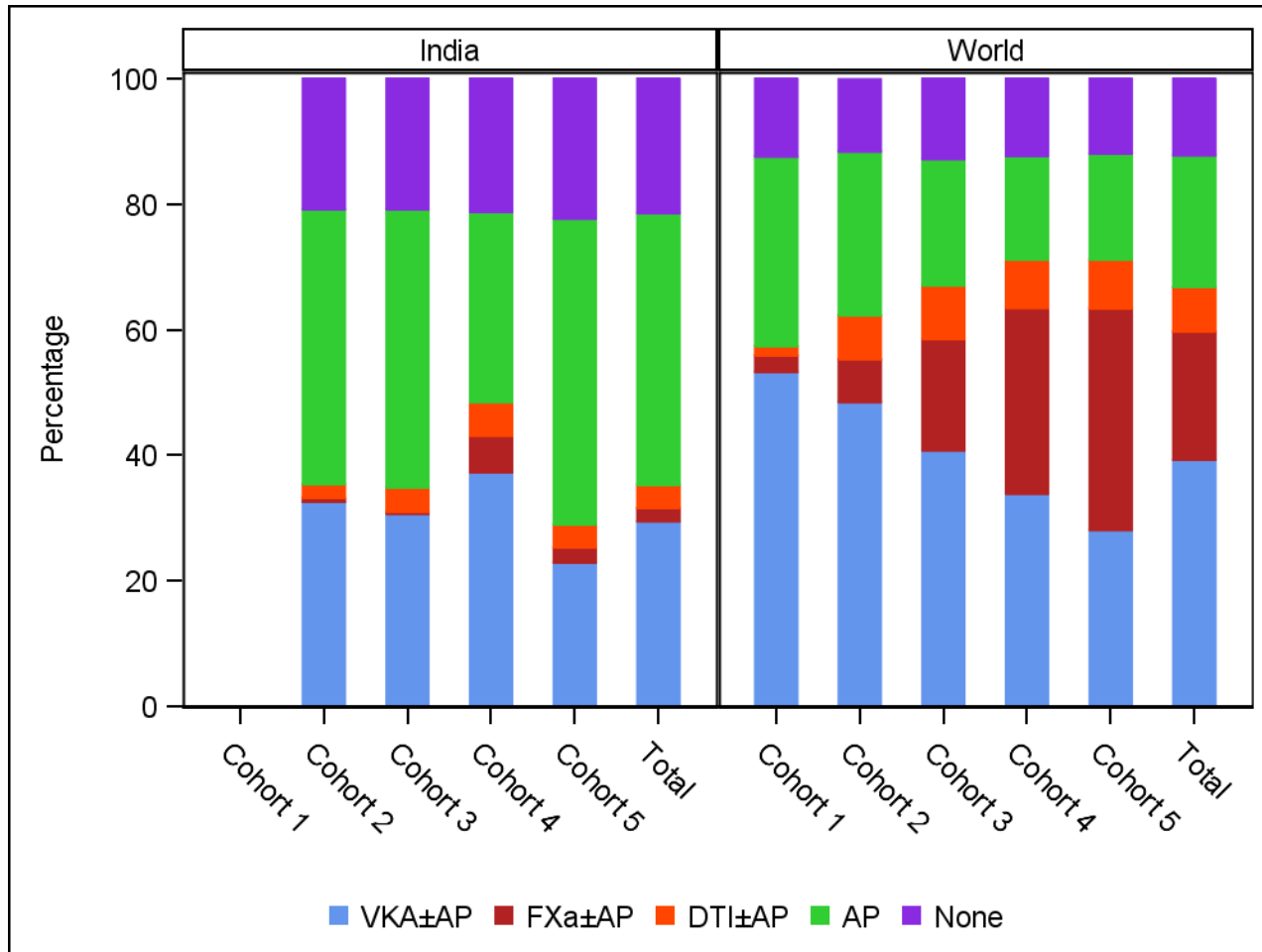
## Treatment at diagnosis by country



## Treatment at diagnosis by region



## Treatment at diagnosis by cohort



## Baseline characteristics

		India N=(1387)	World N=(52081)
Sex	Female, n (%)	557 (40.2)	23015 (44.2)
Age at Diagnosis (Years)	mean (sd)	65.8 (12.1)	69.7 (11.5)
Age Group	<65, n (%)	589 (42.5)	15716 (30.2)
	65-74, n (%)	434 (31.3)	16956 (32.6)
	>=75, n (%)	364 (26.2)	19409 (37.3)
BMI (kg/m <sup>2</sup> )	mean (sd)	24.3 (4.3)	27.8 (5.7)
Pulse (bpm)	mean (sd)	97.2 (27.8)	90.4 (26.7)
Systolic BP (mm Hg)	mean (sd)	129.9 (20.9)	133.5 (19.8)
Diastolic BP (mm Hg)	mean (sd)	80.1 (11.6)	79.7 (12.9)
Congestive heart failure	n (%)	215 (15.5)	10405 (20.0)
Coronary artery disease	n (%)	390 (28.1)	11251 (21.6)
Acute coronary syndrome	n (%)	137 (10.1)	4914 (9.5)
Carotid Occlusive Disease	n (%)	12 (0.9)	1546 (3.0)
Cirrhosis	n (%)	9 (0.7)	296 (0.6)

## Baseline characteristics

		<b>India N=(1387)</b>	<b>World N=(52081)</b>
Diabetes	n (%)	503 (36.3)	11550 (22.2)
History of Bleeding	n (%)	21 (1.5)	1320 (2.5)
Hypercholesterolaemia	n (%)	172 (13.6)	20975 (41.6)
PE or DVT	n (%)	21 (1.5)	1356 (2.6)
Stroke/TIA	n (%)	126 (9.1)	5961 (11.4)
Treatment Sector	In the private sector, n (%)	1138 (84.9)	12547 (28.5)
	In the public sector, n (%)	202 (15.1)	31431 (71.5)

## Baseline characteristics

		<b>India N=(1387)</b>	<b>World N=( 52081)</b>
CHADS2 Score	mean (sd)	1.7 (1.1)	1.9 (1.1)
CHA2DS2-VASc Score	mean (sd)	2.9 (1.5)	3.2 (1.6)
HAS BLED Score	mean (sd)	1.5 (0.9)	1.4 (0.9)



## Baseline characteristics

		<b>India</b> N=(1387)	<b>World</b> N=(52081)
Systemic Embolization	n (%)	9 (0.7)	336 (0.6)
Type of AF Diagnosed	New, n (%)	896 (64.6)	23366 (44.9)
	Paroxysmal, n (%)	228 (16.4)	14313 (27.5)
	Permanent, n (%)	118 (8.5)	6639 (12.7)
Care Setting Speciality at Diagnosis	Persistent, n (%)	145 (10.5)	7761 (14.9)
	Cardiology, n (%)	1134 (81.8)	34219 (65.7)
	Geriatrics, n (%)	4 (0.3)	202 (0.4)
	Internal Medicine, n (%)	207 (14.9)	9372 (18.0)
	Neurology, n (%)	16 (1.2)	876 (1.7)
	Primary Care/General Practice, n (%)	26 (1.9)	7410 (14.2)

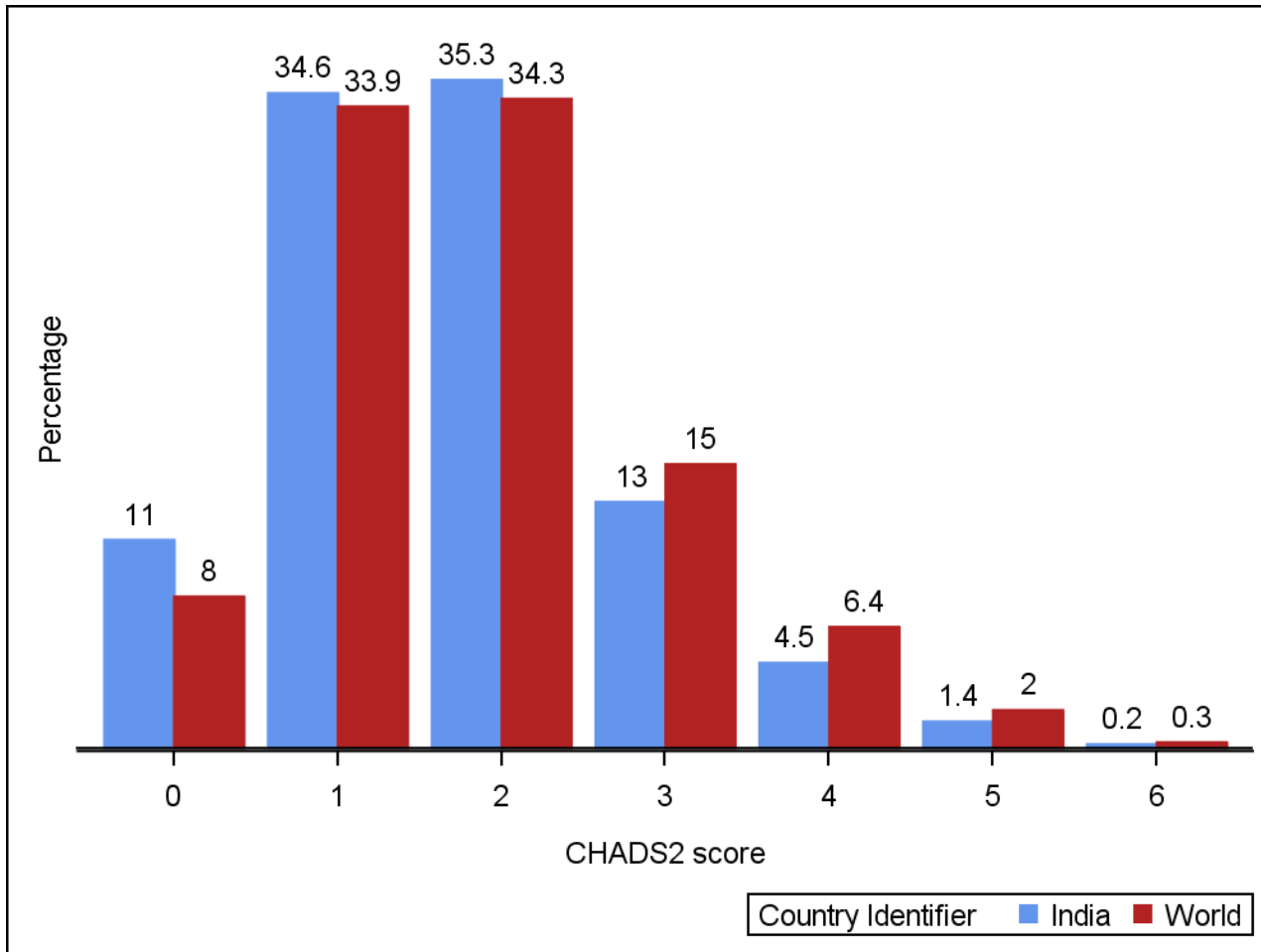
# Main reason anticoagulant not used for patients with $CHA_2DS_2-VASc \geq 2$ .

	Cohort 1&2	
	India	
	(N=119)	
	n	%
World		
	(N=4137)	
	n	%
Patients with $CHA_2DS_2-VASc \geq 2$ and no AC treatment at diagnosis		
Alcohol abuse		20 (0.5)
Already taking anti-platelet drugs for other medical condition	2 (1.7)	228 (5.5)
Patient refusal		336 (8.1)
Previous bleeding event		63 (1.5)
Taking medication contraindicated or cautioned for use with VKA or AC		19 (0.5)
Other	3 (2.5)	505 (12.2)
Unknown	57 (47.9)	889 (21.5)
Physician's choice	57 (47.9)	2077 (50.2)
Physician's choice - Bleeding risk	8 (6.7)	263 (6.4)
Physician's choice - Concern over patient compliance		182 (4.4)
Physician's choice - Guideline recommendation		105 (2.5)
Physician's choice - Fall risk	4 (3.4)	197 (4.8)
Physician's choice - Low risk of stroke	8 (6.7)	326 (7.9)
Physician's choice - Other	37 (31.1)	1004 (24.3)
Total	119 (100.0)	4137 (100.0)

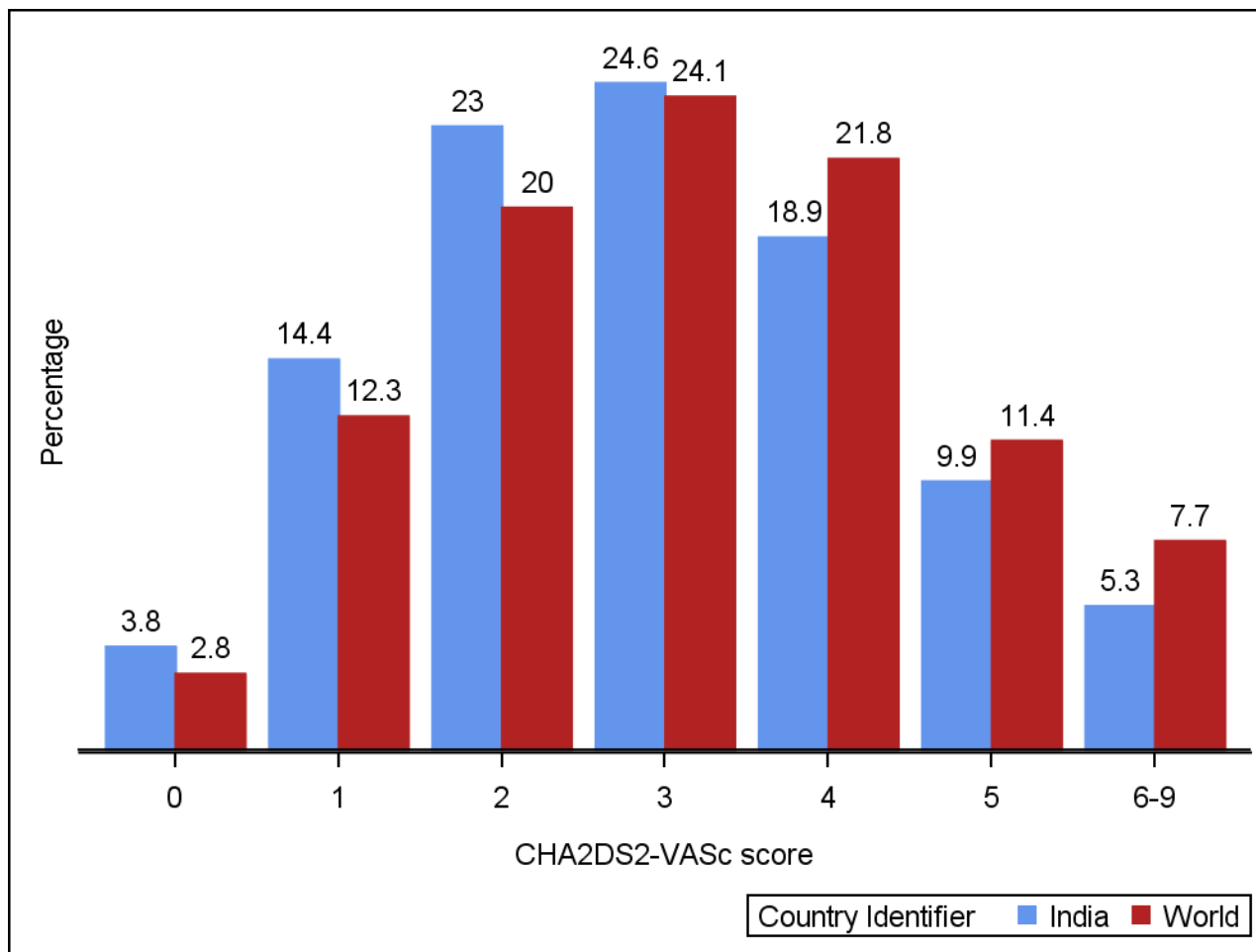
# Main reason anticoagulant not used for patients with CHA<sub>2</sub>DS<sub>2</sub>-VASc ≥2.

	Cohort 3&4&5			
	India		World	
	(N=331)	(N=6117)	(N=6117)	(N=6117)
	n	%	n	%
Patients with CHA <sub>2</sub> DS <sub>2</sub> -VASc ≥2 and no AC treatment at diagnosis				
Alcohol abuse			32 (0.5)	
Already taking anti-platelet drugs for other medical condition	41 (12.4)		422 (6.9)	
Patient refusal	6 (1.8)		645 (10.5)	
Previous bleeding event	2 (0.6)		151 (2.5)	
Taking medication contraindicated or cautioned for use with VKA or AC			63 (1.0)	
Other	74 (22.4)		1326 (21.7)	
Unknown	173 (52.3)		1597 (26.1)	
Physician's choice	35 (10.6)		1881 (30.8)	
Physician's choice - Bleeding risk	7 (2.1)		611 (10.0)	
Physician's choice - Concern over patient compliance	4 (1.2)		248 (4.1)	
Physician's choice - Guideline recommendation	6 (1.8)		189 (3.1)	
Physician's choice - Fall risk	9 (2.7)		205 (3.4)	
Physician's choice - Low risk of stroke	9 (2.7)		628 (10.3)	
Total	331 (100.0)		6117 (100.0)	

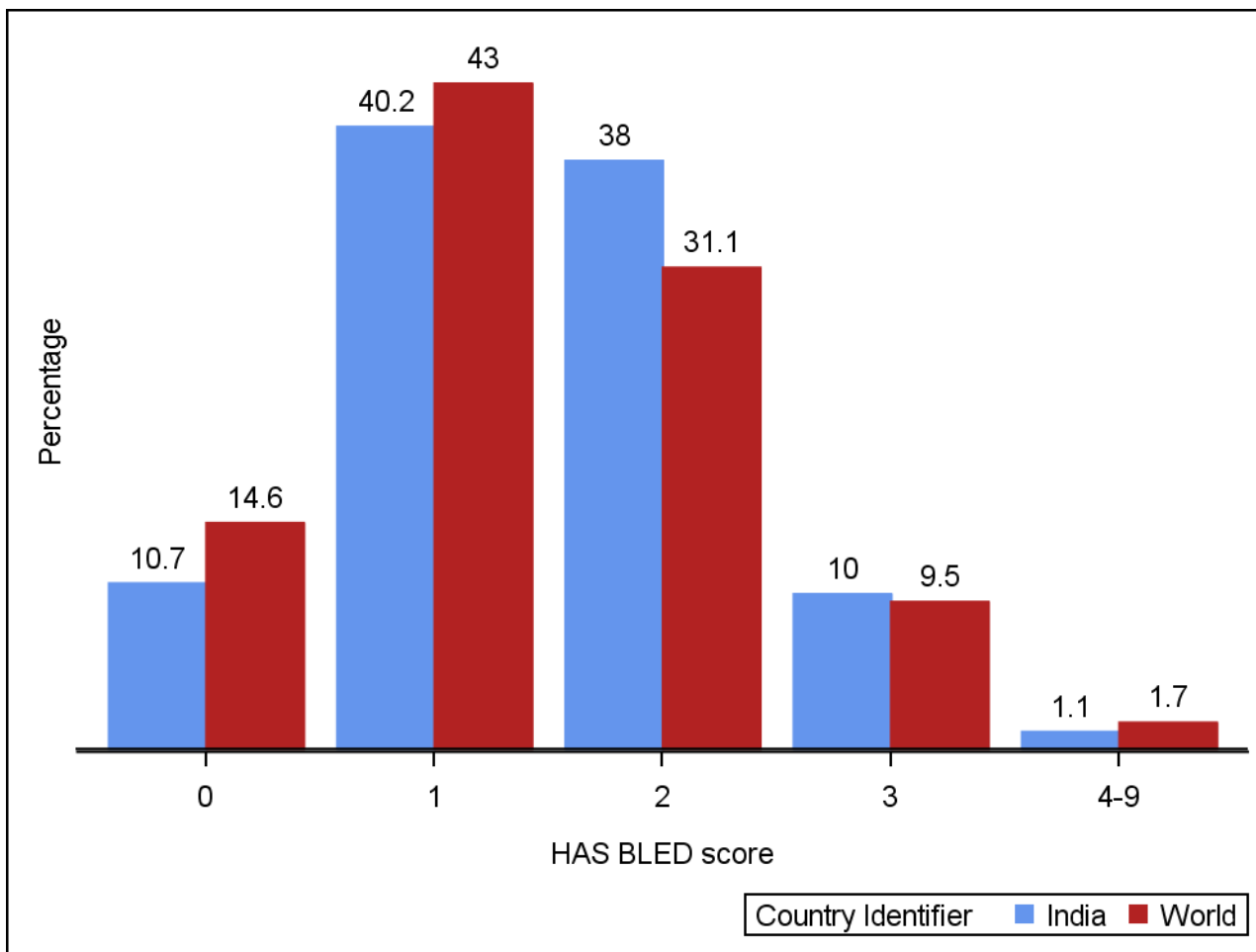
## Stroke risk profile: CHADS<sub>2</sub>



## Stroke risk profile: CHA<sub>2</sub>DS<sub>2</sub> VASc



## Stroke risk profile: HAS BLED



## Treatment at diagnosis by CHA<sub>2</sub>DS<sub>2</sub>-VASc score - India

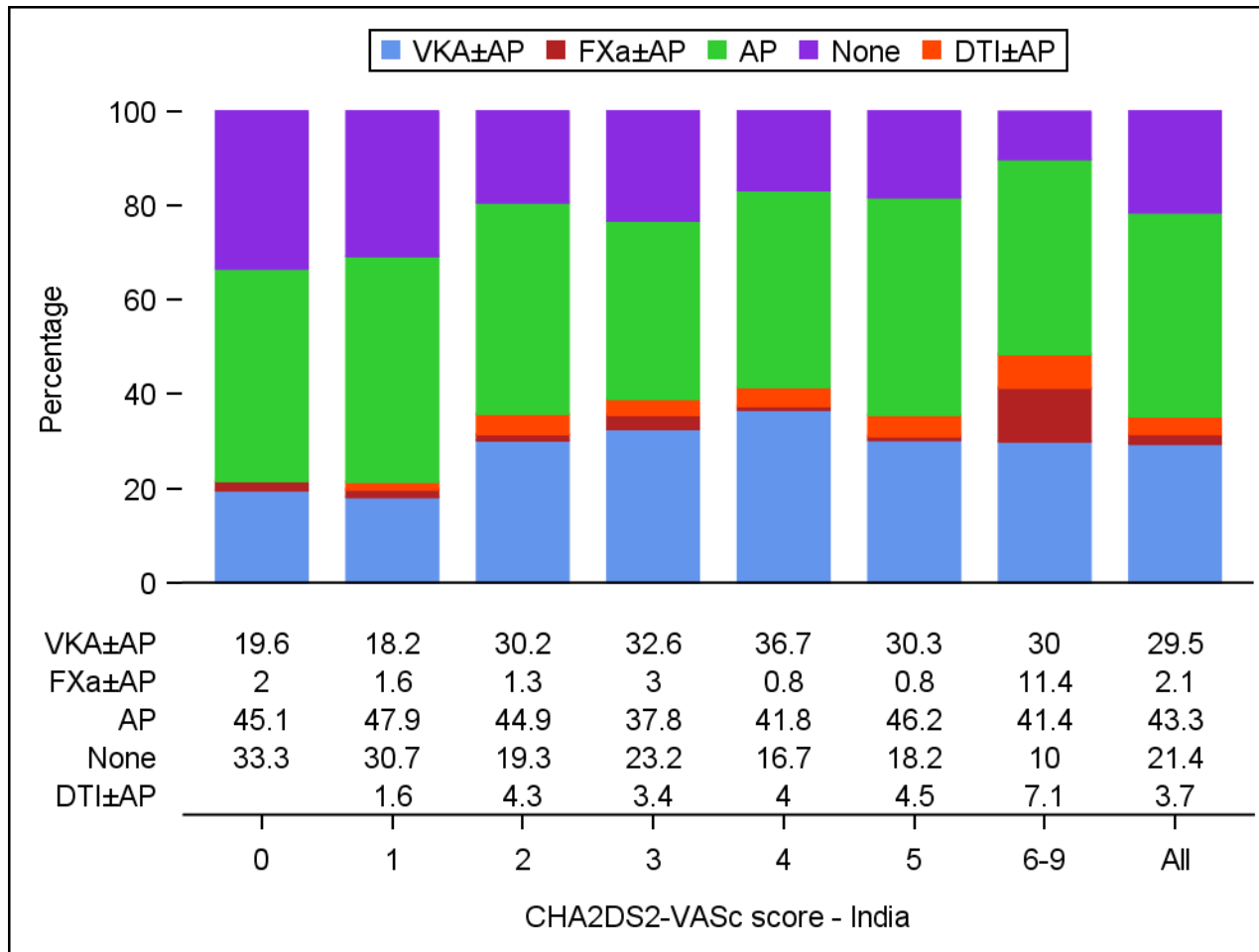
CHA <sub>2</sub> DS <sub>2</sub> -VASc		VKA±AP	DTI±AP	AP	None	FXa±AP	Unknown	Total
		n	n	n	n	n	n	n
<b>India</b>	<b>Unknown</b>	<b>10</b>	<b>3</b>	<b>26</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>50</b>
	<b>0</b>	<b>10</b>	<b>0</b>	<b>23</b>	<b>17</b>	<b>1</b>	<b>0</b>	<b>51</b>
	<b>1</b>	<b>35</b>	<b>3</b>	<b>92</b>	<b>59</b>	<b>3</b>	<b>1</b>	<b>193</b>
	<b>2</b>	<b>92</b>	<b>13</b>	<b>137</b>	<b>59</b>	<b>4</b>	<b>2</b>	<b>307</b>
	<b>3</b>	<b>107</b>	<b>11</b>	<b>124</b>	<b>76</b>	<b>10</b>	<b>1</b>	<b>329</b>
	<b>4</b>	<b>92</b>	<b>10</b>	<b>105</b>	<b>42</b>	<b>2</b>	<b>2</b>	<b>253</b>
	<b>5</b>	<b>40</b>	<b>6</b>	<b>61</b>	<b>24</b>	<b>1</b>	<b>1</b>	<b>133</b>
	<b>6-9</b>	<b>21</b>	<b>5</b>	<b>29</b>	<b>7</b>	<b>8</b>	<b>1</b>	<b>71</b>

# Treatment at diagnosis by CHA<sub>2</sub>DS<sub>2</sub>-VASc score - World

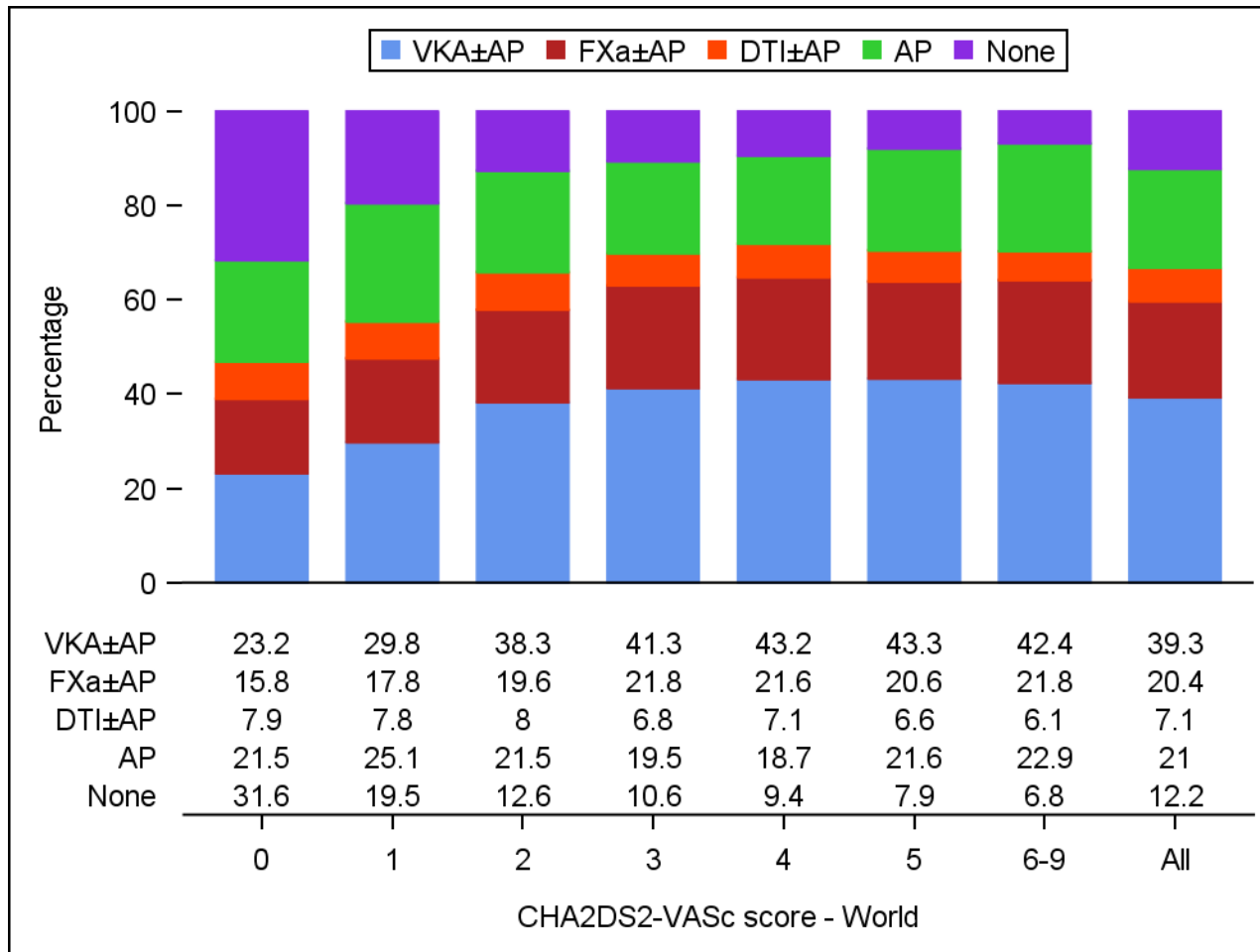
CHA <sub>2</sub> DS <sub>2</sub> -VASc		VKA±AP	FXa±AP	DTI±AP	AP	None	Unknown	Total
		n	n	n	n	n	n	n
World	Unknown	461	227	62	286	330	14	1380
	0	325	221	111	302	443	16	1418
	1	1830	1097	479	1545	1196	66	6213
	2	3835	1960	806	2154	1261	125	10141
	3	4969	2625	817	2345	1275	164	12195
	4	4711	2352	772	2043	1028	168	11074
	5	2458	1169	375	1224	449	98	5773
	6-9	1616	831	234	872	261	73	3887



## Treatment at diagnosis



## Treatment at diagnosis



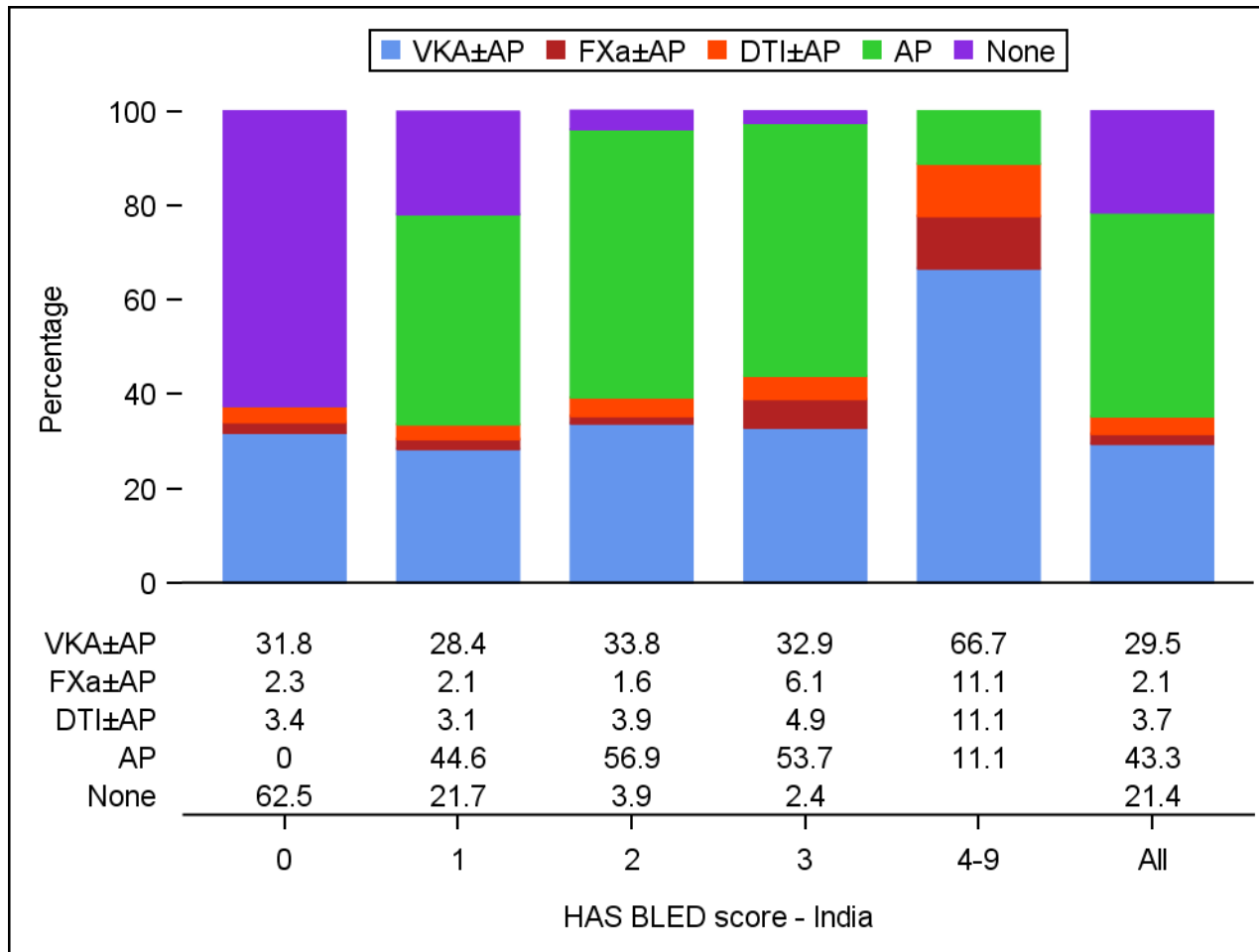
## Treatment at diagnosis by HAS BLED score - India

HASBLED		VKA±AP	FXa±AP	DTI±AP	AP	None	Unknown	Total	
		n	n	n	n	n	n	N	n
India	Unknown	148	9	21	229	155	4	566	566
	0	28	2	3	0	55	0	88	88
	1	93	7	10	146	71	3	330	330
	2	105	5	12	177	12	1	312	312
	3	27	5	4	44	2	0	82	82
	4-9	6	1	1	1	0	0	9	9

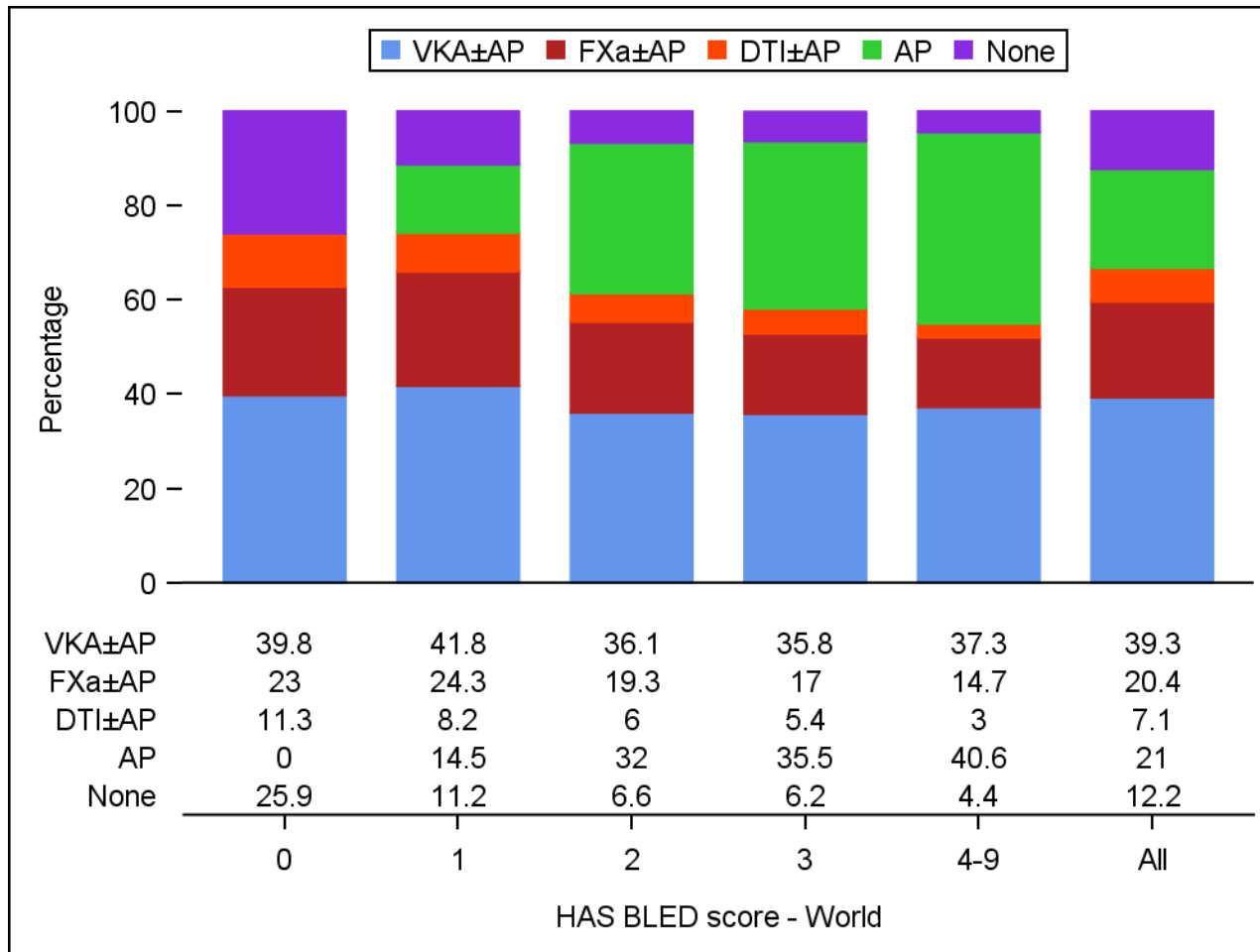
# Treatment at diagnosis by HAS BLED score - World

HASBLED		VKA±AP	FXa±AP	DTI±AP	AP	None	Unknown	Total
		n	n	n	n	n	n	n
World	Unknown	5750	2456	843	3271	2060	147	14527
	0	2144	1242	611	0	1394	96	5487
	1	6650	3866	1303	2302	1779	254	16154
	2	4165	2225	689	3689	763	163	11694
	3	1258	599	191	1250	219	53	3570
	4-9	238	94	19	259	28	11	649

## Treatment at diagnosis



## Treatment at diagnosis



## INR values and time in therapeutic range

Variable	Statistics	India (N = 407) n %	World (N = 20205) n %
INR value, n(%)	n (missing)	231 (364)	157134 (8319)
	<2	147 (63.6)	50514 (32.1)
	2-3	59 (25.5)	81056 (51.6)
	>3	25 (10.8)	25564 (16.3)
INR value	n (missing)	231 (364)	157134 (8319)
	Mean (SD)	2.0 (1.1)	2.4 (0.9)
	Median (IQR)	1.6 (1.3 to 2.4)	2.3 (1.8 to 2.8)
	Min to Max	0.8 to 12.6	0.8 to 20.0
TTR, n(%)	n (missing)	38 (369)	11485 (8720)
	<65	34 (89.5)	6734 (58.6)
	>=65	4 (10.5)	4751 (41.4)
TTR	n (missing)	38 (369)	11485 (8720)
	Mean (SD)	25.0 (25.5)	55.2 (27.3)
	Median (IQR)	19.7 (0.0 to 46.1)	59.0 (37.0 to 76.1)
	Min to Max	0.0 to 79.2	0.0 to 100.0

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

	India		World	
	Events	Rate (95% CI)	Events	Rate (95% CI)
Death	99	8.44 (6.93 to 10.27)	2103	4.38 (4.20 to 4.57)
Cardiovascular Death	44	3.75 (2.79 to 5.04)	789	1.64 (1.53 to 1.76)
Non-cardiovascular death	18	1.53 (0.97 to 2.44)	771	1.61 (1.50 to 1.72)
Undetermined Cause	37	3.15 (2.29 to 4.35)	543	1.13 (1.04 to 1.23)
Stroke/SE	10	0.85 (0.46 to 1.59)	650	1.36 (1.26 to 1.47)
Major Bleeding	4	0.34 (0.13 to 0.91)	407	0.85 (0.77 to 0.94)
Acute coronary syndrome	4	0.34 (0.13 to 0.91)	378	0.79 (0.71 to 0.87)
Congestive hearth failure	9	0.77 (0.40 to 1.48)	1052	2.22 (2.09 to 2.35)



## Cause of death during the first year of follow-up

	India		World	
	n	%	n	%
Cardiovascular causes				
Congestive heart failure	11	25.0	262	33.2
Sudden or unwitnessed death	12	27.3	127	16.1
Myocardial infarction	7	15.9	89	11.3
Non-haemorrhagic stroke (Ischemic Stroke)	3	6.8	86	10.9
Non Cardiovascular causes				
Malignancy	1	5.6	233	30.2
Respiratory failure	5	27.8	142	18.4
Infection	0		81	10.5
Sepsis	2	11.1	74	9.6

## Type of stroke during the first year of follow-up

	India		World	
	n	%	n	%
Stroke (not including systemic embolism)	10	0.72	585	1.12
Primary Ischemic	7	0.50	406	0.78
of which secondary hemorrhagic ischemic			22	0.04
Primary intracerebral hemorrhage	1	0.07	71	0.14
Intracerebral	1	0.07	44	0.08
Intraventricular			9	0.02
Subarachnoid			13	0.02
Undetermined	2	0.14	108	0.21

## Severity of bleeding during the first year of follow-up

Outcome	India		World	
	n	%	n	%
Major Bleed	4	0.01	407	0.78
Non-Major Clinically Relevant			645	1.24
Minor	10	0.02	1167	2.24
Unknown	2	0.00	136	0.26