

RUNNING HEAD: Supplement—Validation of a clinical prediction model for TIA

Supplement—Validation of a multivariate clinical prediction model for the diagnosis of mild stroke/TIA in physician first-contact patient settings.

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Table S1. Descriptive statistics of model predictors for development, referral, site 1, and site 2 datasets.

	Development	Referral	Site 1	Site 2
N	4187	877	270	275
Patient age, mean (sd)	69.0 (13.8)	71.3 (13.5)	72.6 (14.4)	65.2 (15.1)
Patient sex, N (%)	2073 (49.5)	419 (47.8)	137 (50.7)	153 (55.6)
History of hypertension, N (%)	2503 (59.8)	544 (62.0)	167 (61.9)	146 (53.1)
History of hyperlipidaemia, N (%)	1754 (41.9)	352 (40.1)	107 (39.6)	110 (40.0)
Smoking, N (%)	537 (12.8)	107 (12.2)	18 (6.7)	36 (13.1)
History of atrial fibrillation, N (%)	503 (12.0)	114 (13.0)	38 (14.1)	29 (10.5)
History of diabetes, N (%)	737 (17.6)	161 (18.4)	40 (14.8)	52 (18.9)
History of migraine, N (%)	275 (6.6)	74 (8.4)	47 (17.4)	48 (17.5)
Dizziness, N (%)	930 (22.2)	108 (12.3)	53 (19.6)	72 (26.2)
Headache, N (%)	1231 (29.4)	106 (12.1)	73 (27.0)	115 (41.8)
Systolic BP, mean (sd)	140.9 (21.8)	149.6 (24.8)	158.0 (26.8)	154.4 (27.5)
Diastolic BP, mean (sd)	77.0 (10.9)	81.0 (13.1)	83.3 (13.7)	84.1 (14.5)
Face droop, N (%)	449 (10.7)	148 (16.9)	77 (28.5)	85 (30.9)
Weak face left, N (%)	117 (2.8)	77 (8.8)	50 (18.5)	50 (18.2)

Weak face right, N (%)	77 (1.8)	54 (6.2)	27 (10.0)	35 (12.7)
Weak arm left, N (%)	413 (9.9)	116 (13.2)	57 (21.1)	69 (25.1)
Weak arm right, N (%)	381 (9.1)	94 (10.7)	51 (18.9)	59 (21.5)
Weak leg left, N (%)	246 (5.9)	75 (8.6)	56 (20.7)	55 (20.0)
Weak leg right, N (%)	189 (4.5)	61 (7.0)	41 (15.2)	52 (18.9)
Weakness (motor, any indication), N (%)	1633 (39.0)	250 (28.5)	152 (56.3)	168 (61.1)
Numb face left, N (%)	346 (8.3)	79 (9.0)	52 (19.3)	46 (16.7)
Numb face right, N (%)	219 (5.2)	50 (5.7)	18 (6.7)	44 (16.0)
Numb arm left, N (%)	585 (14.0)	97 (11.1)	61 (22.6)	61 (22.2)
Numb arm right, N (%)	419 (10.0)	56 (6.4)	31 (11.5)	48 (17.5)
Numb leg left, N (%)	226 (5.4)	31 (3.5)	45 (16.7)	35 (12.7)
Numb leg right, N (%)	153 (3.7)	26 (3.0)	16 (5.9)	28 (10.2)
Numbness (any indication), N (%)	1566 (37.4)	213 (24.3)	106 (39.3)	130 (47.3)
Bilateral (numbness or weakness), N (%)	223 (5.3)	35 (4.0)	11 (4.1)	21 (7.6)
Eye droop (ptosis), N (%)	67 (1.6)	5 (0.6)	2 (0.7)	19 (6.9)
Visual field deficit (either side), N (%)	218 (5.2)	80 (9.1)	27 (10.0)	30 (10.9)
Neck pain, N (%)	121 (2.9)	11 (1.3)	14 (5.2)	39 (14.2)
Nausea, N (%)	536 (12.8)	50 (5.7)	45 (16.7)	65 (23.6)

Unsteadiness, N (%)	1013 (24.2)	114 (13.0)	51 (18.9)	112 (40.7)
Curtain, N (%)	125 (3.0)	19 (2.2)	1 (0.4)	4 (1.5)
Syncope or Loss of consciousness (LOC), N (%)	174 (4.2)	12 (1.4)	2 (0.7)	3 (1.1)
Lightheaded, N (%)	414 (9.9)	45 (5.1)	19 (7.0)	32 (11.6)
Vertigo, N (%)	334 (8.0)	40 (4.6)	17 (6.3)	40 (14.5)
Confusion, N (%)	635 (15.2)	102 (11.6)	31 (11.5)	56 (20.4)
Amnesia, N (%)	63 (1.5)	27 (3.1)	3 (1.1)	13 (4.7)
Language disturbance, N (%)	755 (18.0)	207 (23.6)	63 (23.3)	88 (32.0)
Speech, N (%)	1471 (35.1)	154 (17.6)	64 (23.7)	118 (42.9)
Positive visual disturbance, N (%)	388 (9.3)	44 (5.0)	14 (5.2)	12 (4.4)
Position (movement of head causes Sx), N (%)	64 (1.5)	21 (2.4)	16 (5.9)	28 (10.2)
Diplopia, N (%)	245 (5.9)	37 (4.2)	11 (4.1)	13 (4.7)
Vision loss, N (%)	200 (4.8)	6 (0.7)	10 (3.7)	13 (4.7)
Concentration, Loss of, N (%)	100 (2.4)	25 (2.9)	12 (4.4)	20 (7.3)
Sudden onset (symptoms), N (%)	911 (21.8)	514 (58.6)	248 (91.9)	239 (86.9)
Sensory march, N (%)	90 (2.1)	29 (3.3)	20 (7.4)	32 (11.6)
Involuntary movement, shaking, tremor, N (%)	160 (3.8)	4 (0.5)	8 (3.0)	16 (5.8)
Anxiety or stress, N (%)	251 (6.0)	40 (4.6)	60 (22.2)	89 (32.4)