

**Table S3** Range of exposure estimates based on the covariate-only model, including PT adjustment, and used in the exposure-response analysis in patients receiving treatment for VTE

<b>Rivaroxaban treatment</b>	<b>Exposure measure</b>		<b>N</b>	<b>Median</b>	<b>Mean</b>	<b>Coefficient of variation</b>	<b>Minimum</b>	<b>Maximum</b>
15 mg b.d.	AUC <sub>0-24</sub> (µg/L*h)	Exposure based on covariates	4130	4082.78	4220.14	17.42	2536.17	15 227.05
		Exposure PT-adjusted	3582	4346.50	4602.69	25.46	2069.23	17 603.20
		Exposure used in ER <sup>a</sup>	4130	4318.28	4566.49	25.27	2069.23	17 603.20
	C <sub>max</sub> (µg/L)	Exposure based on covariates	4130	235.66	241.87	14.08	161.10	710.41
		Exposure PT-adjusted	3582	244.92	254.34	18.95	151.31	750.78
		Exposure used in ER <sup>a</sup>	4130	244.56	253.39	18.88	151.31	750.78
	C <sub>trough</sub> (µg/L)	Exposure based on covariates	4130	94.96	99.48	26.39	39.31	530.33
		Exposure PT-adjusted	3582	118.76	131.04	42.81	14.20	803.61
		Exposure used in ER <sup>a</sup>	4130	115.18	127.33	42.98	14.20	803.61
20 mg o.d.	AUC <sub>0-24</sub> (µg/L*h)	Exposure based on covariates	3961	2508.44	2581.54	15.41	1563.45	5188.89
		Exposure PT-adjusted	3578	2673.50	2823.59	25.17	1275.60	10 851.66
		Exposure used in ER <sup>a</sup>	3961	2660.29	2803.93	24.70	1275.60	10 851.66
	C <sub>max</sub> (µg/L)	Exposure based on covariates	3961	221.00	224.44	11.10	162.50	338.92
		Exposure PT-adjusted	3578	229.68	236.61	17.45	144.03	684.31
		Exposure used in ER <sup>a</sup>	3961	229.03	235.61	17.10	144.03	684.31
	C <sub>trough</sub> (µg/L)	Exposure based on covariates	3961	25.07	26.49	35.81	5.13	104.41
		Exposure PT-adjusted	3578	31.05	35.08	53.01	3.40	246.48

Exposure used in ER <sup>a</sup>	3961	30.30	34.35	52.75	3.40	246.48
AUC <sub>0-24</sub> , area under the plasma concentration–time curve from 0 to 24 h; b.d., twice daily; C <sub>max</sub> , maximum concentration; C <sub>trough</sub> , trough concentration at the end of the dosing interval before the next dose; ER, exposure–response; o.d., once a day; PT, prothrombin time; VTE, venous thromboembolism.						

<sup>a</sup>Covariate-only estimates were used when PT adjustment could not be performed.