

S2 Table. Hosmer-Lemeshow test for calibration of final model (model A)

	Derivation dataset ¹				Validation dataset ²			
	<i>N</i>	Cut off ³	TB		<i>N</i>	Cut off ³	TB	
			Observed	Predicted			Observed	Predicted
1	52	0.0126	0	0.4	54	0.0098	1	0.3
2	51	0.0220	2	0.9	53	0.0186	1	0.7
3	52	0.0308	0	1.4	53	0.0288	2	1.3
4	51	0.0448	2	1.9	54	0.0450	4	2.0
5	52	0.0611	2	2.7	53	0.0627	4	2.9
6	51	0.0805	5	3.6	53	0.1024	5	4.2
7	52	0.1078	7	4.9	54	0.1478	6	6.6
8	51	0.1604	5	6.6	53	0.2044	8	9.3
9	52	0.2681	12	10.6	53	0.3346	6	13.8
10	51	0.5963	17	19.0	53	0.6479	21	23.7
	515		52	52	533		58	64.8

¹ Hosmer-Lemeshow p=0.65

² Hosmer-Lemeshow p=0.31

³ Upper boundary of predicted risk

Observed = observed number with TB

Predicted = expected number with TB predicted by model