Appendix.2 Univariate and multivariate models for predictors of the completion of each cascade steps of LTBI screening, referral and treatment among a cohort of 14173 asylum seekers who attended a health examination in Stockholm County between January 1st 2015 to December 31st 2018.

Table A2:1 Odds ratios. with 95% confidence intervals. for being IGRA screened (yes/no) during a health examination.

	Number screened (n=5467)	Crude OR (95% CI)	Adjusted OR (95% CI)
Sex			
Male	4106	Reference	Reference
Female	1364	0.79 (0.74-0.85)	1.02 (0.93-1.12)
Age			
0-12 years	424	0.71 (0.59-0.86)	0.51 (0.40-0.65)
13-19 years	1936	4.31 (3.61-5.14)	1.77 (1.41-2.21)
20-34 years	1769	1.13 (0.96-1.34)	0.97 (0.98-1.20)
35-54 years	1125	1.19 (1.00-1.42)	1.05 (0.85-1.31)
55+ years	216	Reference	Reference
TB incidence/100.000 in country of origin			
<50	580	0.06 (0.05-0.07)	0.06 (0.05-0.07)
50-99	791	0.19 (0.17-0.22)	0.18 (0.15-0.21)
100-199	2585	1.99 (1.7-2.3)	1.44 (1.23-1.68)
200-299	741	1.62 (1.35-1.95)	1.43 (1.18-1.72)
≥300	773	Reference	Reference

*Odds ratios adjusted for sex, age and TB incidence in country of origin.
IGRA=Interferon Gamma Release Assay
OR=Odds Ratio
CI=Confidence intervals
LTBI=Latent tuberculosis infection
TB=Tuberculosis

Table A2:2 Odds ratios with 95% confidence intervals for being IGRA positive (yes/no) of those IGRA screened, adjusted by sex, age and TB incidence/100.000 in country of origin

	Number IGRA positive (n=1364)	Crude OR (95% CI)	Adjusted OR (95% CI)
Sex			
Male	946	Reference	Reference
Female	418	0.99 (0.86-1.13)	0.74 (0.64-0.85)
Age			
0-12 years	22	0.07 (0.04-0.11)	0.06 (0.04-0.10)
13-19 years	377	0.30 (0.22-0.40)	0.26 (0.19-0.36)
20-34 years	456	0.43 (0.32-0.57)	0.38 (0.28-0.51)
35-54 years	412	0.71 (0.53-0.95)	0.62 (0.46-0.84)
55+ years	97	Reference	Reference
TB incidence/100.000 in country of origin			
<50	82	0.31 (0.24-0.41)	0.29 (0.22-0.39)
50-99	200	0.65 (0.52-0.80)	0.58 (0.46-0.73)
100-199	563	0.53 (0.45-0.63)	0.58 (0.47-0.70)
200-299	253	0.99 (0.80-1.22)	0.93 (0.75-1.17)
≥300	266	Reference	Reference

*Odds ratios adjusted for sex, age and TB incidence in country of origin.
IGRA=Interferon Gamma Release Assay
OR=Odds Ratio
CI=Confidence intervals
TB=Tuberculosis

Table A2:3 Odds ratios with 95% confidence intervals for being referred to TB specialist clinic (yes/no) after positive IGRA screening, adjusting for sex, age and incidence/100.000 in country of origin

	Number referred to TB specialist clinic (n=604)	Crude OR (95%CI)	Adjusted OR (95%CI)
Sex			
Male	449	Reference	Reference
Female	155	0.65 (0.52-0.83)	1.08 (0.83-1.41)
Age			
0-12 years	19	20.4 (5.53-75.0)	23.0 (6.18-85.8)
13-19 years	275	8.67 (5.16-14.6)	8.55 (4.99-14.7)
20-34 years	178	2.06 (1.24-3.41)	2.25 (1.35-3.75)
35-54 years	109	1.16 (0.69-1.94)	1.31 (0.78-2.22)
55+ years	23	Reference	Reference
TB incidence/100.000 in country of origin			
<50	34	1.68 (1.00-2.80)	1.61 (0.93-2.78)
50-99	68	1.22 (0.82-1.81)	1.04 (0.68-1.52)
100-199	307	2.84 (2.08-3.87)	1.61 (1.13-2.28)
200-299	116	2.00 (1.40-2.88)	1.52 (1.03-2.24)
≥300	79	Reference	Reference

*Odds ratios adjusted for sex, age and TB incidence in country of origin.
IGRA=Interferon Gamma Release Assay
OR=Odds Ratio
CI=Confidence intervals
TB=Tuberculosis

Table A2:4 Odds ratios with 95% confidence intervals for TB specialist visit (yes/no) after referral, adjusted for sex, age and TB incidence/100.000 in country of origin

	Number visited TB specialist clinic (n=514)	Crude OR (95%CI)	Adjusted OR (95%CI)
Sex			
Male	389	Reference	Reference
Female	125	0.64 (0.40-1.04)	1.20 (0.70-2.04)
Age			
0-12 years	15	2.00 (0.49-8.09)	2.10 (0.50-8.81)
13-19 years	263	11.7 (4.15-32.9)	12.2 (4.01-37.2)
20-34 years	141	2.03 (0.80-5.16)	2.06 (0.78-5.42)
35-54 years	80	1.47 (0.57-3.83)	1.45 (0.54-3.93)
55+ years	15	Reference	Reference
TB incidence/100.000 in country of origin			
<50	27	0.98 (0.36-2.65)	1.13 (0.40-3.19)
50-99	57	1.32 (0.56-3.01)	1.26 (0.52-3.04)
100-199	277	2.35 (1.21-4.56)	1.03 (0.50-2.14)
200-299	90	0.88 (0.44-1.77)	0.64 (0.31-1.34)
≥300	63	Reference	Reference

*Odds ratios adjusted for sex, age and TB incidence in country of origin.
IGRA=Interferon Gamma Release Assay
OR=Odds Ratio
CI=Confidence intervals
TB=Tuberculosis

Table A2:5 Odds ratios with 95% confidence intervals for initiating LTBI treatment (yes/no) after visit to the TB specialist clinic, adjusted for sex, age and TB incidence/100.000 in country of origin

	Number initiated treatment (n=358)	Crude OR (95%CI)	Adjusted OR (95%CI)
Sex			
Male	285	Reference	Reference
Female	73	0.51 (0.34-0.78)	1.44 (0.83-2.51)
Age			
0-12 years	12	16.0 (2.67-95.8)	21.3 (3.35-135)
13-19 years	248	66.1 (16.8-260)	68.5 (16.3-287)
20-34 years	77	4.81 (1.30-17.8)	5.51 (1.44-21.2)
35-54 years	18	1.16 (0.30-4.57)	1.58 (0.39-6.48)
55+ years	3	Reference	Reference
TB incidence/100.000 in country of origin			
<50	11	0.81 (0.32-2.01)	0.88 (0.31-2.54)
50-99	22	0.74 (0.36-1.53)	0.51 (0.21-1.25)
100-199	234	6.38 (3.53-11.54)	1.86 (0.91-3.83)
200-299	62	2.60 (1.33-5.06)	1.61 (0.74-3.52)
≥300	29	Reference	Reference

*Odds ratios adjusted for sex, age and TB incidence in country of origin.
IGRA=Interferon Gamma Release Assay
OR=Odds Ratio
CI=Confidence intervals
TB=Tuberculosis
LTBI=Latent tuberculosis infection