

**Supplementary Table S1.** Baseline characteristics of participants in the BOLD baseline study, per site.

Site	N	Age group				Highest level of education			Smoking status				BMI								
		Female	40-49 yrs	50-59 yrs	60-69 yrs	70+ yrs	None / primary	High school	College / University	Never	Current	Ex	Normal	Underweight	Overweight	Obese	Passive smoking	Dusty job	CAO	TB	Hypertension
Albania (Tirana)	997	50.7	35.9	28.7	19.1	16.3	20.3	45.1	34.5	63.2	22.4	14.4	28.6	0.1	40.5	30.7	37.3	63.3	8.9	0.6	23.6
Algeria (Annaba)	917	49.9	42.0	31.0	15.8	11.2	43.6	36.2	20.2	61.1	17.3	21.6	29.7	1.3	35.1	34.0	10.9	28.7	6.4	2.2	22.7
Australia (Sydney)	583	52.8	31.7	25.8	18.0	24.5	3.6	35.0	61.4	47.3	14.9	37.8	30.6	0.3	38.7	30.3	11.0	31.9	11.1	0.6	32.6
Austria (Salzburg)	1,349	54.1	27.1	24.9	23.8	24.2	13.4	63.3	23.3	48.1	19.9	32.0	39.6	0.7	41.7	17.9	21.8	26.0	17.4	3.1	32.0
Benin (Sèmè-Kpodji)	846	51.2	53.8	26.1	13.8	6.36	74.7	20.6	4.7	97.8	1.9	0.3	43.4	2.9	29.9	23.8	0.1	35.6	7.3	0.6	28.9
Cameroon (Limbe)	388	40.6	50.9	27.8	17.7	3.68	57.1	32.0	10.8	78.6	6.8	14.6	43.2	1.1	32.1	23.6	3.6	61.2	4.3	1.0	9.8
Canada (Vancouver)	855	51.8	35.9	27.5	15.7	20.8	2.6	21.9	75.6	42.0	15.2	42.9	42.0	0.4	35.8	21.8	5.9	30.6	13.4	3.1	21.0
China (Guangzhou)	602	49.4	44.9	25.1	19.0	11.0	28.9	59.3	11.8	56.6	29.7	13.7	69.0	4.7	22.9	3.4	23.0	36.2	7.9	3.2	16.8
England (London)	672	53.7	32.4	25.8	19.3	22.5	6.3	38.7	55.0	33.6	22.6	43.9	37.7	0.3	38.3	23.8	16.7	26.3	17.7	2.0	36.0

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Estonia (Tartu)	647	60.5	28.3	23.7	23.2	24.9	2.7	44.7	52.7	55.0	17.8	27.1	28.3	0.4	37.6	33.7	15.6	34.4	6.1	7.3	40.0
Germany (Hannover)	713	54.1	28.3	26.5	28.9	16.3	1.8	65.2	33.0	38.0	23.8	38.1	32.4	1.0	45.4	21.1	18.8	23.2	8.2	3.7	38.0
Iceland (Reykjavik)	760	48.8	34.1	29.1	17.7	19.1	9.2	29.0	61.8	34.1	21.2	44.7	28.3	0.4	43.4	27.9	16.7	31.4	11.3	4.9	32.9
India (Mumbai)	515	40.9	41.1	30.2	18.0	10.7	25.4	47.3	27.3	91.5	5.5	2.9	61.6	5.9	25.3	7.2	1.2	6.0	6.6	0.6	10.7
India (Mysore)	724	56.8	75.1	15.5	7.8	1.6	21.5	45.7	32.9	89.1	10.2	0.7	54.0	3.3	33.4	9.2	0.0	2.4	8.0	0.0	19.6
India (Pune)	1,387	48.2	42.3	25.9	19.1	12.7	64.2	29.9	5.8	88.8	7.8	3.4	63.3	17.0	17.1	2.6	9.6	21.4	6.1	0.9	6.2
India (Kashmir)	952	49.4	54.3	22.4	15.2	8.0	82.2	15.1	2.7	48.4	44.6	7.1	70.1	8.3	16.6	5.0	64.4	0.4	16.1	0.5	26.0
Jamaica	795	51.3	37.0	28.1	17.6	17.3	24.6	63.4	12.1	60.6	18.6	20.8	39.0	4.4	28.6	28.0	16.4	56.4	8.4	0.5	33.1
Kyrgyztan (Chui)	1,031	54.9	39.2	33.0	14.4	13.4	4.8	54.1	41.0	60.8	28.9	10.3	34.6	1.1	32.4	31.9	8.2	33.7	12.5	1.1	31.0
Kyrgyztan (Naryn)	1,063	52.3	41.0	31.5	12.7	14.8	10.3	34.4	55.2	71.2	18.6	10.2	38.7	1.3	34.8	25.2	3.6	5.9	7.8	0.7	16.0

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Malawi (Blantyre)	583	47.1	53.4	26.5	13.1	7.0	53.5	42.0	4.5	85.1	4.2	10.6	55.0	5.4	24.1	15.5	2.4	26.7	6.9	5.1	20.2
Malawi (Chikwawa)	795	51.2	42.8	25.1	19.0	13.1	91.4	8.1	0.4	68.9	19.8	11.3	73.3	12.7	10.0	4.0	3.5	24.0	12.9	4.8	3.3
Malaysia (Penang)	713	50.6	39.6	30.2	18.4	11.8	35.3	57.4	7.3	74.8	20.6	4.6	42.1	2.6	38.7	16.6	26.6	32.3	3.4	0.0	24.5
Morocco (Fes)	966	51.0	43.4	25.8	16.5	14.3	73.5	20.9	5.6	71.4	10.7	17.9	32.3	2.0	37.0	28.7	11.4	43.6	8.9	1.3	29.5
Netherlands (Maastricht)	630	52.5	29.1	27.5	20.3	23.1	13.5	32.4	54.1	35.2	24.8	40.0	29.1	0.1	46.6	24.2	17.9	23.6	18.8	1.3	30.5
Nigeria (Ife-Ife)	1,148	48.2	43.8	27.5	15.6	13.1	43.1	36.2	20.7	85.6	4.1	10.3	52.8	4.5	27.0	15.7	1.6	39.5	7.0	0.4	2.0
Norway (Bergen)	707	51.9	31.8	27.1	18.4	22.6	7.9	54.2	37.9	35.7	28.2	36.0	37.9	0.6	43.7	17.7	21.7	39.5	11.8	0.2	27.7
Pakistan (Karachi)	1,040	44.2	48.0	28.6	15.2	8.2	59.3	26.8	14.0	71.5	17.6	11.0	39.1	7.4	32.8	20.7	12.6	33.0	10.6	0.9	29.8
Philippines (Manila)	918	52.8	47.6	27.8	15.6	9.1	11.4	67.4	21.2	44.1	35.1	20.8	49.8	7.0	31.9	11.3	49.2	55.4	9.4	11.0	24.7
Philippines (Nampicuan-Talugtug)	984	53.9	38.0	29.3	19.0	13.8	22.8	64.0	13.2	46.3	35.5	18.2	68.0	16.0	14.5	1.5	48.4	35.8	15.0	5.1	24.5

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Poland (Krakow)	603	51.0	35.2	25.0	21.1	18.6	38.7	47.5	13.9	39.9	27.9	32.2	30.1	0.7	40.6	28.6	37.8	49.4	13.4	3.4	43.4
Portugal (Lisbon)	744	55.0	28.2	27.3	22.3	22.2	37.1	39.7	23.2	56.3	18.6	25.1	27.4	0.0	44.4	28.2	19.1	51.0	8.3	4.5	32.2
Saudi Arabia (Riyadh)	784	48.0	51.4	35.2	12.4	1.0	36.9	38.8	24.3	74.7	10.0	15.3	12.4	0.4	33.8	53.5	5.5	17.1	3.2	1.8	27.2
South Africa (Uitsig and Ravensmead)	893	56.1	43.8	29.5	17.8	9.0	44.6	48.2	7.2	30.4	47.9	21.7	33.1	7.1	26.9	32.9	50.1	48.9	19.6	15.2	37.4
SriLanka	1,152	52.5	38.6	35.9	19.6	6.0	28.2	69.6	2.3	76.1	15.5	8.3	48.1	7.6	32.4	11.9	8.1	37.3	8.4	1.0	22.2
Sudan (Gezeira)	816	49.9	41.7	25.8	16.8	15.7	66.9	25.5	7.6	75.7	8.5	15.8	43.3	2.8	29.4	24.6	12.1	29.8	5.2	0.4	13.2
Sudan (Khartoum)	595	45.2	46.7	26.5	15.3	11.5	56.3	30.4	13.3	77.2	8.9	13.8	38.9	5.3	33.5	22.3	7.2	27.0	10.2	0.7	19.6
Sweden (Uppsala)	587	52.8	22.5	32.4	22.3	22.7	14.1	37.0	48.8	41.8	15.5	42.8	36.4	0.1	42.9	20.5	6.3	30.9	9.6	1.0	29.2
Trinidad and Tobago	1,381	50.7	35.1	30.9	19.9	14.2	41.7	37.7	20.6	68.6	17.3	14.2	29.7	2.0	35.6	32.7	19.9	39.9	6.3	0.1	29.2
Tunisia (Sousse)	717	49.4	48.3	28.8	16.3	6.5	51.5	38.0	10.5	55.5	31.0	13.5	23.1	1.5	37.5	37.9	34.6	49.2	5.3	0.0	17.9

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Turkey (Adana)	868	51.3	42.7	29.8	16.5	11.0	79.1	17.5	3.4	45.4	34.4	20.1	19.6	0.8	36.0	43.6	54.3	50.8	14.4	2.3	26.7
USA (Lexington, KY)	563	52.8	32.8	28.9	19.5	18.8	3.2	51.2	45.6	36.9	27.2	35.9	18.1	0.3	35.4	46.2	29.6	52.0	14.4	1.9	49.5

CAO: Chronic airflow obstruction; TB: History of tuberculosis

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