

Supporting Data

Differential risk factor profile of diabetes and atherosclerosis in rural, sub-urban and urban regions of South India: The KMCH-Non-communicable Disease Studies

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Supplementary table 1: Representation of study participants in comparison to the census data in the three regions

	Census Data			Participation data		
	Total adult population	Sex Ratio (Male: Female)	Age group ratio (18-40: 41-59: >60)	Total adult participants n (%)	Sex Ratio (Male: Female)	Age group ratio (18-40: 41-59: >60)
NNCD (Nallimpatti Wards 1,2 &4)	1184	1.0:1.0	1.0:1.6:0.5	865 (73%)	1.0:1.1	1.0:1.4:0.6
TNCD (Chinnathadagam)	1507	1.0:1.0	1.0:1.4:0.8	1030 (68%)	1.0:1.2	1.0: 1.8:0.9
KNCD (Veeriyampalayam)	1652	1.0:1.1	1.0:1.7:0.7	1081 (65%)	1.0:1.4	1.0:1.5:0.7

The total population mentioned includes exclusion of non-adults (age below 18 years), non-native residents and emigrants, who are not currently staying in the study area.

Supplementary table 2: Prevalence of demographic and clinical parameters among the diabetic people in the three different populations

		Percentage		
		NNCD	TNCD	KNCD
Total Diabetes		16.2	25.9	23.1
Sex	Male	59.6	50.4	49.8
	Female	40.4	49.6	50.2
Age	20 – 40	5.7	6.4	7.2
	41 – 60	57.4	56.8	54.2
	> 60	36.9	36.8	38.6
Alcohol intake	Daily	3.8	10.6	5.6
	Occasionally/ Formerly	58.2	29.2	34.7
Smoking	Daily	32.8	36.3	17.7
	Occasionally/ Formerly	30.3	10.9	17.7
Tobacco chewing	Daily	16.2	15.4	10.0
	Occasionally/ Formerly	8.5	17.6	12.5
BMI	Obese	36.2	48.5	54.4
	Underweight	6.4	7.6	2.0
Blood Pressure	Hypertension	62.4	68.0	62.7
CIMT	Atherosclerosis	20.5	15.0	13.65
Total Cholesterol	Elevated levels	34.6	34.2	41.0
LDL-Cholesterol	Elevated levels	24.6	21.4	43.4

BMI – body mass index; HbA_{1c} – glycated hemoglobin; CIMT – Carotid intima media thickness; LDL-Cholesterol – Low density lipoprotein-cholesterol;

Supplementary table 3: Prevalence of demographic and clinical parameters among the atherosclerotic people in the three different populations.

		Percentage		
		NNCD	TNCD	KNCD
Total Atherosclerosis		10.3	9.1	7.8
Sex	Male	67.5	73.2	60.3
	Female	32.6	26.9	39.8
Age	20 – 40	2.3	0	2.5
	41 – 60	46.1	34.5	31.4
	> 60	51.7	65.6	66.3
Alcoholism (Only Males)	Daily	1.8	11.0	2.0
	Occasionally/ Formerly	64.9	20.0	40.0
Smoking (Only Males)	Daily	35.7	37.3	24.0
	Occasionally/ Formerly	34.0	11.9	22.0
Tobacco chewing	Daily	12.2	22.4	18.1
	Occasionally/ Formerly	20.8	18.4	16.8
BMI	Obese	32.6	19.8	45.8
	Underweight	18	19.8	3.6
Blood Pressure	Hypertension	61.8	81.7	67.5
	Diabetes	32.6	43	41.0
HbA_{1c}	Prediabetes - IEC	22.5	21.5	19.2
	Prediabetes - ADA	48.4	40.9	38.6
Total Cholesterol	Elevated levels	39.4	32.3	37.3
LDL-Cholesterol	Elevated levels	32.2	25.6	43.3

BMI – body mass index; HbA_{1c} – glycated hemoglobin; CIMT – Carotid intima media thickness; LDL-Cholesterol – Low density lipoprotein-cholesterol;