

Annexe 1: stratification of the study population by age, BMI, smoking and employment status

Variable	Parameter	RBC (x10 ⁶ /vL)	HB (gr/dl)	HCT (%)	MCV (fl)	MCH (pg)	MCHC (gr/dl)	RDV (%)	PLT 10 ³ (x10 ³ /vL)	MPV (fl)	PCT (%)	PDW (fl)
Smoker	Mean	5.15	14.73	45.75	88.51	28.48	32.18	14.43	233.41	9.04	0.26	16.19
	Ref.Range	4.98-5.32	14.23-15.23	44.37-47.13	86.17-90.85	27.64-29.31	31.79-32.56	13.85-15.01	211.7-255.13	8.48-9.60	0.13-0.38	15.96-16.42
	Median	5.1	14.9	45.9	88	28.4	32.2	14.2	231	8.7	0.2	16.1
	SD	0.4	1.19	3.25	5.52	1.97	0.9	1.37	51.23	1.31	0.6	0.54
No-smoker	Mean	5.28	15.13	46.87	88.58	28.6	32.27	14.12	215.06	9.68	0.27	16.54
	Ref.Range	5.18-5.38	14.92-15.35	46.24-47.50	87.15-90.01	28.1-29.1	32.07-32.48	13.83-14.42	204.73-225.38	8.69-10.67	0.1-0.44	15.88-17.20
	Median	5.2	15.1	46.8	89	28.8	32.3	14	214	9.15	0.2	16.1
	SD	0.42	0.91	2.69	6.06	2.13	0.85	1.23	43.93	4.12	0.7	2.74
	<i>p-value</i>	0.14	0.05	0.05	0.95	0.78	0.59	0.24	0.05	0.39	0.68	0.48
Normal BMIs	Mean	5.25	15.05	46.56	88.63	28.6	32.30	14.25	219.30	9.26	0.2	16.26
	Ref.Range	5.15-5.35	14.77-15.30	45.81-47.31	87.11-90.15	28.09-29.13	32.08-32.53	13.94-14.56	206.89-231.71	8.95-9.58	0.19-0.21	16.08-16.45
	Median	5.20	15.2	46.2	89.0	28.7	32.3	14.2	220.0	9.3	0.2	16.09
	SD	0.40	1.05	3.03	6.11	2.11	0.92	1.23	49.82	1.24	0.04	0.72
Abnormal BMIs	Mean	5.26	14.82	46.51	87.90	28.28	32.05	14.28	214.57	11.18	0.55	17.62
	Ref.Range	5.03-5.50	14.3-15.34	45.34-47.68	85.2-90-63	27.24-29.32	31.60-32.49	13.53-15.04	191.44-237.69	6.30-16.07	0.30-1.41	14.37-20.86
	Median	5.3	14.8	45.8	87	28.5	31.5	14.8	201.0	9.18	0.2	16.32
	SD	0.44	0.86	2.12	5.16	1.96	0.78	1.34	43.73	8.71	1.53	5.78
	<i>p-value</i>	0.82	0.76	0.94	0.61	0.52	0.26	0.91	0.69	0.02	0.02	0.02
≤25 years	Mean	5.29	14.96	46.42	87.4	28.15	32.21	14.27	228.6	9.78	0.31	16.45
	Ref.Range	5.18-5.40	14.67-15.24	45.61-47.23	85.7-89.10	27.57-28.74	31.95-32.47	13.88-14.65	215.08-242.12	8.46-11.09	0.08-0.53	15.58-17.32
	Median	5.3	15.1	46.3	88	28.2	32.2	14	229	9.1	0.2	16
	SD	0.41	1.04	2.97	6.25	2.14	0.93	1.39	49.73	4.73	0.81	3.13
≥26 years	Mean	5.18	15.13	46.82	90.09	29.11	32.29	14.12	207.79	9.18	0.19	16.45
	Ref.Range	5.04-5.32	14.84-15.42	45.96-47.68	88.49-91.69	28.52-29.70	32.05-32.54	13.77-14.47	195.62-219.96	8.82-9.54	0.18-0.20	16.23-16.66
	Median	5.1	15.15	47	91	29.25	32.3	14	202	9.1	0.2	16.3
	SD	0.43	0.93	2.73	5.1	1.88	0.78	1.11	38.77	1.13	0.03	0.68
	<i>p-value</i>	0.14	0.34	0.44	0.01	0.01	0.6	0.53	0.01	0.37	0.29	0.98
Craftsman	Mean	5.23	15.12	46.64	88.93	28.85	32.48	13.83	212.62	9.39	0.20	16.18
	Ref.Range	5.02-5.44	14.69-15.56	45.37-47.92	86.37-91.49	28.06-29.63	32.01-32.95	13.47-14.19	195.50-229.74	8.87-9.91	0.19-0.22	15.80-16.55
	Median	5.20	15.20	46.80	89.00	28.70	32.30	14.00	217.00	9.25	0.20	16.10
	SD	0.48	1.00	2.91	5.81	1.78	1.04	0.80	38.93	1.15	0.04	0.83

Farmer	Mean	5.20	15.12	46.83	89.81	28.96	32.26	14.41	232.08	8.98	0.22	16.22
	Ref.Range	5.05-5.36	14.68-15.56	45.51-48.15	87.33-92.28	28.11-29.81	32.00-32.52	13.86-14.96	209.23-254.93	8.47-9.49	0.20-0.23	15.99-16.44
	Median	5.20	14.95	46.75	89.50	28.95	32.30	14.05	230.00	8.95	0.20	16.10
	SD	0.40	1.13	3.38	6.35	2.18	0.68	1.41	58.54	1.31	0.04	0.58
Student/ unemployed	Mean	5.33	14.93	46.23	86.21	27.85	32.19	14.49	206.26	9.76	0.20	16.55
	Ref.Range	5.13-5.53	14.40-15.47	44.77-47.69	84.01-88.41	26.87-28.83	31.69-32.70	13.71-15.28	188.12-224.40	9.01-10.51	0.20-0.20	16.08-17.01
	Median	5.40	15.10	46.20	85.00	27.60	32.10	14.40	206.00	9.50	0.20	16.30
	SD	0.36	0.96	2.60	3.92	1.74	0.84	1.32	32.34	1.24	0.00	0.77
Trader	Mean	5.22	14.91	46.35	88.68	28.51	32.13	14.07	217.68	10.30	0.43	17.11
	Ref.Range	5.04-5.40	14.53-15.29	45.31-47.40	85.90-91.45	27.48-29.54	31.73-32.53	13.57-14.58	198.96-236.40	7.28-13.32	0.15-0.95	15.11-19.10
	Median	5.10	15.10	47.00	91.00	29.00	32.30	14.10	221.00	8.95	0.20	16.15
	SD	0.43	0.90	2.48	6.54	2.43	0.92	1.17	44.17	6.99	1.22	4.63
	<i>p-value</i>	0.76	0.75	0.86	0.20	0.27	0.47	0.17	0.18	0.55	0.47	0.43