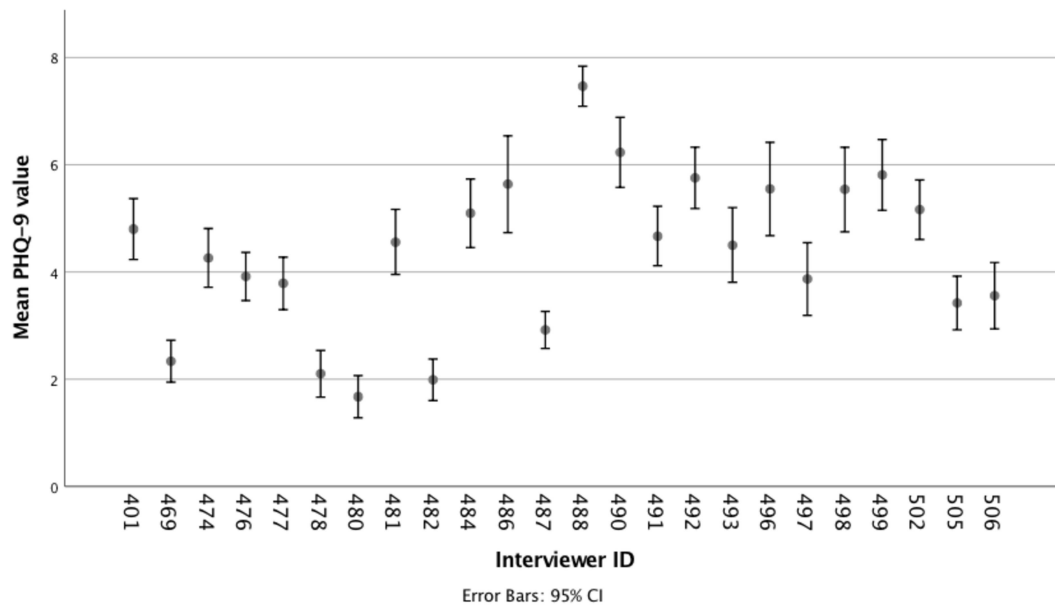
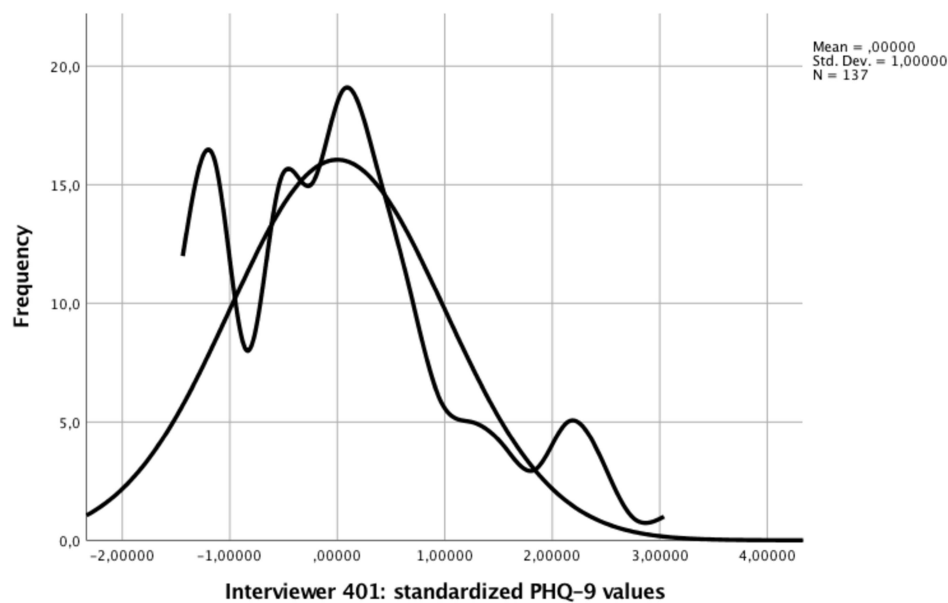


**SUPPLEMENTARY MATERIAL**

**Supplementary Figure 1:** This figure shows the distribution of the mean raw PHQ-9 values by single interviewers. The differences between interviewers' PHQ-9 values were interpreted as an interviewer effect during analyses. We decided to standardize the results on the interviewer level and add them up afterwards.



**Supplementary Figure 2:** The figure shows the standardized PHQ-9 values of one of the interviewers (401) and the normal distribution curve. We z-scored the PHQ-9 results for this interviewer with the standardization function in SPSS. Each value was calculated by dividing the difference between the value and the mean by the standard deviation. This was done for all interviewers separately. Afterwards, all values were included in the outcome variable of the z-scored PHQ-9 score.



		PHQ-9 value	CI lower	CI upper	2 Std. Dev.
m	40-44	-0,414	-0,493	-0,336	0,078
w	40-44	-0,160	-0,252	-0,067	0,092
m	45-49	-0,403	-0,496	-0,311	0,092
w	45-49	-0,087	-0,196	0,022	0,109
m	50-54	-0,259	-0,359	-0,158	0,100
w	50-54	0,025	-0,084	0,135	0,110
m	55-59	-0,135	-0,285	0,015	0,150
w	55-59	0,162	0,030	0,293	0,131
m	60-64	-0,016	-0,175	0,142	0,159
w	60-64	0,428	0,284	0,572	0,144
m	65-69	0,297	0,111	0,484	0,186
w	65-69	0,552	0,393	0,710	0,159
m	70-74	0,369	0,085	0,653	0,284
w	70-74	0,571	0,337	0,806	0,235
m	75+	0,881	0,553	1,210	0,328
w	75+	0,795	0,541	1,050	0,254

<b>Supplementary Table 2: Prevalence of the metabolic syndrome</b>				
		Proportion	CI lower	CI upper
m	40-44	0,082	0,054	0,118
w	40-44	0,120	0,083	0,166
m	45-49	0,150	0,110	0,197
w	45-49	0,183	0,133	0,242
m	50-54	0,103	0,064	0,155
w	50-54	0,210	0,158	0,271
m	55-59	0,101	0,059	0,159
w	55-59	0,244	0,183	0,315
m	60-64	0,140	0,079	0,224
w	60-64	0,190	0,130	0,263
m	65-69	0,082	0,034	0,162
w	65-69	0,274	0,195	0,364
m	70-74	0,097	0,036	0,199
w	70-74	0,273	0,177	0,386
m	75+	0,057	0,012	0,157
w	75+	0,282	0,186	0,395

<b>Supplementary Table 3: Prevalence of a positive screening result for pre-diabetes</b>				
		Proportion	CI lower	CI upper
m	40-44	0,413	0,351	0,476
w	40-44	0,378	0,315	0,444
m	45-49	0,416	0,351	0,483
w	45-49	0,468	0,395	0,542
m	50-54	0,503	0,423	0,583
w	50-54	0,503	0,430	0,576
m	55-59	0,392	0,308	0,482
w	55-59	0,532	0,451	0,611
m	60-64	0,442	0,328	0,559
w	60-64	0,425	0,338	0,516
m	65-69	0,444	0,319	0,575
w	65-69	0,473	0,377	0,570
m	70-74	0,481	0,340	0,624
w	70-74	0,515	0,389	0,640
m	75+	0,591	0,432	0,737
w	75+	0,515	0,390	0,638

<b>Supplementary Table 4: Prevalence of a positive screening result for diabetes mellitus</b>				
		Proportion	CI lower	CI upper
m	40-44	0,028	0,011	0,058
w	40-44	0,049	0,025	0,085
m	45-49	0,065	0,036	0,107
w	45-49	0,072	0,039	0,120
m	50-54	0,058	0,027	0,108
w	50-54	0,061	0,031	0,107
m	55-59	0,080	0,039	0,142
w	55-59	0,069	0,034	0,124
m	60-64	0,097	0,040	0,190
w	60-64	0,105	0,057	0,173
m	65-69	0,035	0,004	0,121
w	65-69	0,107	0,055	0,183
m	70-74	0,021	0,001	0,113
w	70-74	0,125	0,056	0,232
m	75+	0,119	0,040	0,256
w	75+	0,111	0,046	0,216

		Proportion	CI lower	CI upper
m	40-44	0,182	0,144	0,225
w	40-44	0,169	0,128	0,217
m	45-49	0,227	0,182	0,277
w	45-49	0,222	0,172	0,279
m	50-54	0,235	0,181	0,297
w	50-54	0,274	0,220	0,334
m	55-59	0,306	0,241	0,378
w	55-59	0,294	0,232	0,362
m	60-64	0,344	0,261	0,434
w	60-64	0,362	0,291	0,438
m	65-69	0,355	0,265	0,454
w	65-69	0,407	0,325	0,493
m	70-74	0,333	0,227	0,454
w	70-74	0,380	0,281	0,488
m	75+	0,379	0,262	0,507
w	75+	0,442	0,345	0,543

**Supplementary Table 6: Linear regression model 1  
(Metabolic syndrome)**

		Model 1 (n=2524)			
		beta	CI low	CI high	p
Age	40-44	-	-	-	-
	45-49	.007	-.037	.050	.773
	50-54	.058	.014	.098	.010
	55-59	.098	.053	.136	<.001
	60-64	.144	.101	.184	<.001
	65-69	.182	.139	.221	<.001
	70-74	.147	.104	.183	<.001
	75+	.251	.215	.298	<.001
Sex (ref: male)		.115	.074	.151	<.001
Living in the countryside		-.052	-.088	-.011	.013
Currently married		-.020	-.065	.022	.340
Education	None				
	Some	.018	-.020	.054	.360
	Primary & more	-.049	-.088	-.009	.016
Ethnicity	Dafin				
	Bwama	.017	-.022	.053	.430
	Mossi	.007	-.028	.040	.734
	Other	.022	-.024	.082	.280
Wealth quintile	1				
	2	-.030	-.074	.016	.208
	3	-.051	-.096	-.003	.038
	4	-.058	-.103	-.009	.019
	5	-.083	-.135	-.033	.001
<b>Metabolic syndrome</b>		-.004	-.040	.033	.847

**Supplementary Table 7: Linear regression model 2**  
**Abdominal Obesity**

		Model 2 (n=2970)			
		beta	CI low	CI high	p
Age	40-44	-	-	-	-
	45-49	.017	-.024	.058	.406
	50-54	.059	.019	.099	.004
	55-59	.101	.062	.140	<.001
	60-64	.143	.104	.181	<.001
	65-69	.189	.150	.226	<.001
	70-74	.164	.126	.200	<.001
	75+	.239	.200	.275	<.001
Sex (ref: male)		.118	.081	.153	<.001
Living in the countryside		-.047	-.078	-.008	.016
Currently married		-.028	-.072	.010	.143
Education	None				
	Some	.019	-.016	.053	.288
	Primary & more	-.033	-.071	.003	.072
Ethnicity	Dafin				
	Bwama	.021	-.017	.055	.302
	Mossi	-.001	-.033	.031	.944
	Other	.026	-.015	.080	.180
Wealth quintile	1				
	2	-.020	-.062	.023	.372
	3	-.056	-.100	-.012	.013
	4	-.066	-.110	-.021	.004
	5	-.087	-.135	-.040	<.001
<b>Abdominal Obesity</b>		.007	-.028	.042	.680



**Supplementary Table 8: Linear regression model 3  
(Hypertriglyceridemia)**

		Model 3 (n=2890)			
		beta	CI low	CI high	p
Age	40-44	-	-	-	-
	45-49	.013	-.028	.055	.531
	50-54	.064	.022	.104	.002
	55-59	.098	.057	.137	<.001
	60-64	.144	.103	.182	<.001
	65-69	.186	.144	.221	<.001
	70-74	.159	.120	.194	<.001
	75+	.243	.203	.280	<.001
Sex (ref: male)		.115	.078	.150	<.001
Living in the countryside		-.052	-.083	-.012	.009
Currently married		-.029	-.073	.010	.141
Education	None				
	Some	.017	-.018	.052	.330
	Primary & more	-.041	-.079	-.004	.029
Ethnicity	Dafin				
	Bwama	.015	-.023	.050	.456
	Mossi	.001	-.031	.034	.938
	Other	.025	-.017	.080	.200
Wealth quintile	1				
	2	-.024	-.067	.020	.285
	3	-.054	-.099	-.010	.017
	4	-.069	-.113	-.023	.003
	5	-.083	-.132	-.036	.001
<b>Hypertriglyceridemia</b>		-.006	-.040	.029	.742

**Supplementary Table 9: Linear regression model 4  
(Reduced HDL-cholesterol)**

		Model 4 (n=2330)			
		beta	CI low	CI high	p
Age	40-44	-	-	-	-
	45-49	.019	-.028	.065	.425
	50-54	.061	.015	.106	.009
	55-59	.110	.063	.151	<.001
	60-64	.154	.107	.193	<.001
	65-69	.185	.141	.227	<.001
	70-74	.170	.124	.206	<.001
	75+	.234	.196	.283	<.001
Sex (ref: male)		.134	.091	.174	<.001
Living in the countryside		-.028	-.078	.016	.193
Currently married		-.031	-.079	.013	.158
Education	None				
	Some	.004	-.034	.042	.843
	Primary & more	-.035	-.084	.006	.092
Ethnicity	Dafin				
	Bwama	.007	-.032	.045	.745
	Mossi	-.016	-.051	.022	.437
	Other	.010	-.048	.080	.620
Wealth quintile	1				
	2	-.035	-.080	.012	.147
	3	-.059	-.106	-.010	.017
	4	-.075	-.121	-.025	.003
	5	-.072	-.133	-.026	.004
<b>Reduced HDL-cholesterol</b>		<b>-.027</b>	<b>-.067</b>	<b>.012</b>	<b>.177</b>

**Supplementary Table 10: Linear regression model 5  
(Hypertension grade I)**

		Model 5 (n=2970)			
		beta	CI low	CI high	p
Age	40-44	-	-	-	-
	45-49	.016	-.025	.057	.441
	50-54	.057	.017	.097	.006
	55-59	.098	.058	.137	<.001
	60-64	.139	.099	.177	<.001
	65-69	.185	.145	.222	<.001
	70-74	.161	.123	.197	<.001
	75+	.235	.196	.271	<.001
Sex (ref: male)		.119	.082	.154	<.001
Living in the countryside		-.046	-.077	-.007	.020
Currently married		-.028	-.072	.010	.141
Education	None				
	Some	.020	-.015	.054	.257
	Primary & more	-.034	-.071	.002	.067
Ethnicity	Dafin				
	Bwama	.020	-.018	.054	.326
	Mossi	.000	-.032	.032	.982
	Other	.027	-.014	.081	.164
Wealth quintile	1				
	2	-.019	-.062	.024	.379
	3	-.055	-.099	-.011	.014
	4	-.066	-.110	-.022	.004
	5	-.087	-.134	-.040	<.001
<b>Hypertension grade I</b>		.028	-.007	.062	.113

**Supplementary Table 11:** Linear regression model 6  
(Fasting Plasma Glucose > 100 mg/dl)

		Model 6 (n=2038)			
		beta	CI low	CI high	p
Age	40-44	-	-	-	-
	45-49	.002	-.046	.049	.939
	50-54	.049	.000	.093	.048
	55-59	.102	.053	.144	<.001
	60-64	.143	.096	.188	<.001
	65-69	.192	.144	.236	<.001
	70-74	.125	.078	.164	<.001
	75+	.246	.206	.297	<.001
Sex (ref: male)		.114	.069	.153	<.001
Living in the countryside		-.077	-.114	-.028	.001
Currently married		-.016	-.065	.031	.488
Education	None				
	Some	.024	-.018	.068	.257
	Primary & more	-.066	-.107	-.021	.004
Ethnicity	Dafin				
	Bwama	-.003	-.045	.040	.904
	Mossi	.010	-.028	.045	.663
	Other	.030	-.019	.094	.190
Wealth quintile	1				
	2	-.028	-.078	.024	.295
	3	-.058	-.110	-.004	.035
	4	-.077	-.126	-.021	.006
	5	-.101	-.154	-.042	.001
<b>Fasting Plasma Glucose &gt; 100 mg/dl</b>		-.022	-.061	.019	.298

**Supplementary Table 12:** Linear regression model 7  
(Hypertension grade II)

		Model 7 (n=2970)			
		beta	CI low	CI high	p
Age	40-44	-	-	-	-
	45-49	.017	-.024	.058	.422
	50-54	.059	.018	.099	.004
	55-59	.100	.060	.139	<.001
	60-64	.141	.102	.179	<.001
	65-69	.188	.148	.224	<.001
	70-74	.163	.125	.199	<.001
	75+	.237	.197	.273	<.001
Sex (ref: male)		.118	.082	.154	<.001
Living in the countryside		-.047	-.078	-.008	.016
Currently married		-.028	-.072	.010	.143
Education	None				
	Some	.019	-.015	.054	.274
	Primary & more	-.033	-.070	.003	.072
Ethnicity	Dafin				
	Bwama	.020	-.017	.054	.309
	Mossi	-.001	-.033	.031	.946
	Other	.026	-.015	.081	.176
Wealth quintile	1				
	2	-.019	-.062	.024	.386
	3	-.055	-.099	-.011	.014
	4	-.066	-.109	-.021	.004
	5	-.086	-.133	-.039	<.001
<b>Hypertension grade II</b>		.014	-.020	.048	.427

**Supplementary Table 13: Linear regression model 8  
(Pre-diabetes)**

		Model 8 (n=2143)			
		beta	CI low	CI high	p
Age	40-44	-	-	-	-
	45-49	.005	-.042	.052	.838
	50-54	.050	.002	.093	.040
	55-59	.099	.050	.139	<.001
	60-64	.142	.096	.187	<.001
	65-69	.204	.155	.244	<.001
	70-74	.128	.082	.166	<.001
	75+	.240	.198	.287	<.001
Sex (ref: male)		.110	.066	.148	<.001
Living in the countryside		-.070	-.106	-.022	.003
Currently married		-.018	-.065	.028	.432
Education	None				
	Some	.026	-.015	.067	.216
	Primary & more	-.071	-.110	-.026	.001
Ethnicity	Dafin				
	Bwama	.000	-.041	.041	.999
	Mossi	.007	-.030	.042	.756
	Other	.038	-.008	.102	.097
Wealth quintile	1				
	2	-.024	-.073	.027	.368
	3	-.056	-.106	-.003	.040
	4	-.067	-.115	-.013	.014
	5	-.097	-.148	-.039	.001
<b>Pre-diabetes</b>		.005	-.034	.043	.819

**Supplementary Table 14:** Linear regression model 9  
(Diabetes)

		Model 9 (n=2043)			
		beta	CI low	CI high	p
Age	40-44	-	-	-	-
	45-49	.001	-.047	.048	.983
	50-54	.048	.000	.092	.051
	55-59	.104	.055	.146	<.001
	60-64	.143	.096	.188	<.001
	65-69	.191	.143	.235	<.001
	70-74	.123	.077	.163	<.001
	75+	.246	.204	.295	<.001
Sex (ref: male)		.112	.066	.150	<.001
Living in the countryside		-.081	-.118	-.031	.001
Currently married		-.017	-.065	.030	.474
Education	None				
	Some	.031	-.011	.075	.147
	Primary & more	-.066	-.105	-.020	.004
Ethnicity	Dafin				
	Bwama	-.010	-.051	.033	.672
	Mossi	.008	-.030	.043	.735
	Other	.031	-.018	.095	.179
Wealth quintile	1				
	2	-.033	-.082	.019	.227
	3	-.069	-.120	-.014	.013
	4	-.083	-.132	-.027	.003
	5	-.105	-.158	-.045	<.001
<b>Diabetes</b>		-.001	-.040	.039	.972

**Supplementary Table 15: Linear regression model 10  
(Self-reported hypertension)**

		Model 10 (n=2972)			
		beta	CI low	CI high	p
Age	40-44	-	-	-	-
	45-49	.016	-.025	.057	.434
	50-54	.056	.015	.095	.007
	55-59	.093	.053	.131	<.001
	60-64	.143	.103	.180	<.001
	65-69	.179	.140	.217	<.001
	70-74	.152	.115	.190	<.001
	75+	.235	.196	.271	<.001
Sex (ref: male)		.119	.083	.155	<.001
Living in the countryside		-.044	-.074	-.005	.027
Currently married		-.036	-.080	.003	.066
Education	None				
	Some	.017	-.017	.051	.329
	Primary & more	-.027	-.062	.010	.152
Ethnicity	Dafin				
	Bwama	.017	-.021	.051	.404
	Mossi	.000	-.032	.032	.999
	Other	.026	-.014	.081	.172
Wealth quintile	1				
	2	-.015	-.058	.029	.512
	3	-.050	-.093	-.005	.028
	4	-.060	-.104	-.015	.009
	5	-.087	-.133	-.039	<.001
<b>Self-reported hypertension</b>		.032	-.003	.066	.071



**Supplementary Table 16: Linear regression model 11  
(Self-reported diabetes)**

		Model 11 (n=2991)			
		beta	CI low	CI high	p
Age	40-44	-	-	-	-
	45-49	.013	-.028	.053	.541
	50-54	.058	.018	.097	.005
	55-59	.098	.057	.135	<.001
	60-64	.144	.104	.181	<.001
	65-69	.182	.143	.219	<.001
	70-74	.154	.117	.190	<.001
	75+	.233	.194	.269	<.001
Sex (ref: male)		.123	.086	.158	<.001
Living in the countryside		-.044	-.074	-.005	.024
Currently married		-.036	-.080	.002	.062
Education	None				
	Some	.020	-.014	.054	.250
	Primary & more	-.024	-.060	.012	.195
Ethnicity	Dafin				
	Bwama	.016	-.022	.050	.438
	Mossi	-.001	-.032	.031	.965
	Other	.023	-.018	.076	.230
Wealth quintile	1				
	2	-.015	-.058	.028	.500
	3	-.054	-.097	-.010	.016
	4	-.065	-.108	-.020	.004
	5	-.085	-.130	-.037	<.001
<b>Self-reported diabetes</b>		.004	-.029	.038	.809

**Supplementary Table 17: Linear regression model 12  
(Self-reported heart disease)**

		Model 12 (n=3001)			
		beta	CI low	CI high	p
Age	40-44	-	-	-	-
	45-49	.012	-.029	.052	.567
	50-54	.056	.016	.095	.006
	55-59	.094	.054	.132	<.001
	60-64	.143	.105	.181	<.001
	65-69	.181	.143	.219	<.001
	70-74	.161	.124	.197	<.001
	75+	.236	.197	.272	<.001
Sex (ref: male)		.112	.076	.148	<.001
Living in the countryside		-.047	-.077	-.008	.016
Currently married		-.029	-.072	.009	.128
Education	None				
	Some	.018	-.017	.052	.314
	Primary & more	-.026	-.062	.010	.159
Ethnicity	Dafin				
	Bwama	.016	-.021	.051	.410
	Mossi	-.002	-.033	.030	.931
	Other	.021	-.021	.074	.272
Wealth quintile	1				
	2	-.021	-.063	.022	.338
	3	-.058	-.102	-.015	.009
	4	-.071	-.115	-.027	.002
	5	-.092	-.138	-.045	<.001
<b>Self-reported heart disease</b>		.081	.047	.114	<.001

**Supplementary Table 18: Linear regression model 13  
(Self-reported stroke)**

		Model 13 (n=3026)			
		beta	CI low	CI high	p
Age	40-44	-	-	-	-
	45-49	.015	-.025	.056	.455
	50-54	.058	.018	.097	.004
	55-59	.094	.055	.133	<.001
	60-64	.143	.104	.181	<.001
	65-69	.185	.147	.222	<.001
	70-74	.162	.125	.198	<.001
	75+	.236	.197	.272	<.001
Sex (ref: male)		.122	.086	.157	<.001
Living in the countryside		-.049	-.079	-.010	.012
Currently married		-.031	-.074	.008	.110
Education	None				
	Some	.019	-.015	.053	.282
	Primary & more	-.027	-.062	.009	.147
Ethnicity	Dafin				
	Bwama	.019	-.018	.053	.344
	Mossi	-.001	-.032	.031	.960
	Other	.023	-.018	.076	.224
Wealth quintile	1				
	2	-.018	-.061	.024	.401
	3	-.055	-.098	-.011	.014
	4	-.065	-.109	-.021	.004
	5	-.087	-.134	-.040	<.001
<b>Self-reported stroke</b>		.038	.005	.071	.024

**Supplementary Table 19: Linear regression model 14  
(Sudden drooping)**

		Model 14 (n=3026)			
		beta	CI low	CI high	p
Age	40-44	-	-	-	-
	45-49	.013	-.027	.054	.519
	50-54	.054	.014	.093	.008
	55-59	.094	.055	.132	<.001
	60-64	.137	.099	.175	<.001
	65-69	.183	.144	.220	<.001
	70-74	.157	.120	.193	<.001
	75+	.235	.196	.271	<.001
Sex (ref: male)		.120	.084	.155	<.001
Living in the countryside		-.049	-.078	-.010	.012
Currently married		-.031	-.075	.006	.100
Education	None				
	Some	.019	-.015	.053	.284
	Primary & more	-.027	-.062	.009	.147
Ethnicity	Dafin				
	Bwama	.015	-.021	.049	.438
	Mossi	-.001	-.033	.030	.947
	Other	.022	-.019	.075	.241
Wealth quintile	1				
	2	-.017	-.059	.026	.446
	3	-.056	-.099	-.013	.012
	4	-.066	-.109	-.022	.003
	5	-.087	-.133	-.041	<.001
<b>Sudden drooping</b>		.090	.057	.123	<.001

**Supplementary Table 20: Linear regression model 15  
(Sudden numbness)**

		Model 15 (n=3026)			
		beta	CI low	CI high	p
Age	40-44	-	-	-	-
	45-49	.017	-.024	.057	.419
	50-54	.059	.019	.098	.004
	55-59	.095	.056	.133	<.001
	60-64	.135	.096	.172	<.001
	65-69	.178	.140	.215	<.001
	70-74	.155	.118	.190	<.001
	75+	.227	.189	.263	<.001
Sex (ref: male)		.117	.081	.151	<.001
Living in the countryside		-.051	-.080	-.012	.008
Currently married		-.034	-.078	.003	.071
Education	None				
	Some	.016	-.018	.049	.366
	Primary & more	-.026	-.062	.009	.147
Ethnicity	Dafin				
	Bwama	.017	-.019	.051	.380
	Mossi	.001	-.031	.032	.965
	Other	.020	-.022	.072	.291
Wealth quintile	1				
	2	-.019	-.061	.023	.378
	3	-.061	-.104	-.017	.006
	4	-.072	-.115	-.028	.001
	5	-.097	-.143	-.051	<.001
<b>Sudden numbness</b>		.136	.102	.168	<.001

**Supplementary Table 21: Linear regression model 16  
(Sudden slurring)**

		Model 16 (n=3026)			
		beta	CI low	CI high	p
Age	40-44	-	-	-	-
	45-49	.016	-.025	.055	.448
	50-54	.056	.017	.096	.005
	55-59	.093	.054	.131	<.001
	60-64	.134	.096	.172	<.001
	65-69	.175	.137	.212	<.001
	70-74	.155	.118	.190	<.001
	75+	.227	.189	.263	<.001
Sex (ref: male)		.117	.081	.151	<.001
Living in the countryside		-.052	-.081	-.013	.007
Currently married		-.037	-.081	.000	.050
Education	None				
	Some	.019	-.015	.053	.264
	Primary & more	-.029	-.064	.007	.113
Ethnicity	Dafin				
	Bwama	.017	-.019	.051	.379
	Mossi	.001	-.030	.032	.954
	Other	.017	-.026	.068	.374
Wealth quintile	1				
	2	-.022	-.064	.020	.312
	3	-.060	-.103	-.017	.006
	4	-.072	-.116	-.029	.001
	5	-.091	-.136	-.044	<.001
<b>Sudden slurring</b>		.144	.110	.176	<.001

**Supplementary Table 22: Linear regression model 17**  
(Self-reported metabolic syndrome)

Dependent variable: Z-scored PHQ-9

		Model 17 (n=2948)			
		beta	CI low	CI high	p
Age	40-44	-	-	-	-
	45-49	.014	-.027	.055	.497
	50-54	.055	.014	.094	.008
	55-59	.092	.052	.130	<.001
	60-64	.141	.101	.178	<.001
	65-69	.174	.135	.212	<.001
	70-74	.151	.114	.188	<.001
	75+	.230	.190	.266	<.001
Sex (ref: male)		.117	.080	.152	<.001
Living in the countryside		-.039	-.070	.000	.049
Currently married		-.039	-.083	-.001	.045
Education	None				
	Some	.018	-.017	.052	.314
	Primary & more	-.029	-.064	.008	.124
Ethnicity	Dafin				
	Bwama	.015	-.022	.049	.460
	Mossi	-.001	-.033	.031	.956
	Other	.024	-.017	.079	.201
Wealth quintile	1				
	2	-.016	-.059	.027	.459
	3	-.051	-.095	-.007	.024
	4	-.066	-.110	-.021	.004
	5	-.091	-.137	-.042	<.001
<b>Self-reported metabolic syndrome</b>		.070	.035	.104	<.001

**Supplementary Table 23:** Descriptive statistics of the self-reported diagnosis of hypertension and diabetes within the whole sample

	Total	Female	Male
<b>Self-reported diagnosis of hypertension</b>	<i>n</i> = 3007 507 (17.1%)	<i>n</i> = 1513 294 (19.8%)	<i>n</i> = 1494 213 (14.4%)
<b>Self-reported diagnosis of diabetes</b>	<i>n</i> = 2993 70 (2.3%)	<i>n</i> = 1505 32 (2.1%)	<i>n</i> = 1488 38 (2.6%)

**Supplementary Table 24:** Descriptive statistics of the self-reported diagnosis of hypertension and diabetes within the affected\* part of the sample

	Total	Female	Male
<b>Self-reported diagnosis of hypertension</b>	<i>n</i> = 1674 346 (21.0%)	<i>n</i> = 841 203 (24.6%)	<i>n</i> = 832 143 (17.3%)
<b>Self-reported diagnosis of diabetes</b>	<i>n</i> = 143 20 (14.0%)	<i>n</i> = 85 11 (13.0%)	<i>n</i> = 58 9 (15.5%)

\*In case of Hypertension: Systolic BP >130 mmHg or Diastolic BP >80 mmHg  
Diabetes: Fasting Glucose >126 mg/dl, random glucose >200 mg/dl or HbA1c >6.5%

**Supplementary Table 25:** Measuring the effect of a diagnosis of hypertension/diabetes given by a health care worker among hypertensive/diabetic part of the population. Given in the table are the standardized coefficients of multiple linear regression of the z-scored PHQ-9 score on self-reported diagnosis of hypertension within the hypertensive population<sup>a</sup> and diagnosis of diabetes within the diabetic population<sup>b</sup>.

	Standardized beta coefficient	p-value
<b>Ever been diagnosed with hypertension</b>	0.033	0.061
<b>Ever been diagnosed with diabetes</b>	-0.025	0.762

All variables used in separate models controlling for age, sex, gender, place of residence, education, ethnicity and wealth quintile.

<sup>a</sup> Systolic BP >130 mmHg or Diastolic BP >80 mmHg

<sup>b</sup> Fasting Glucose >126 mg/dl, random glucose >200 mg/dl or HbA1c >6.5%