

1 **Annex: Coefficients of the MLR models**

2

3 MLR model: LWI1

4 Intercept -227.1178772

5 X Variable 1 0.890056776

6 X Variable 2 2.399990675

7 X Variable 3 3.737880525

8 X Variable 4 -8.605668204

9

10 MLR model: LWI2

11 Intercept -256.2875435

12 X Variable 1 0.880256782

13 X Variable 2 2.483520692

14 X Variable 3 4.5732901

15

16 MLR model: LWI3

17 Intercept -49.628267

18 X Variable 1 0.785918506

19 X Variable 2 -1.598970758

20

21 MLR model: LWI4

22 Intercept -221.616567

23 X Variable 1 0.575536836

24 X Variable 2 2.190014397

25 X Variable 3 15.77814356

26 X Variable 4 -9.747859615

27

28 MLR model: LWI5

29 Intercept -253.535144

30 X Variable 1 0.566092809

31 X Variable 2 2.281723338

32 X Variable 3 16.73789043

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1	MLR model: LWI6	
2	Intercept	-60.82003238
3	X Variable 1	0.505358951
4	X Variable 2	10.18968915
5		
6	MLR model: LWI7	
7	Intercept	-3.136904422
8	X Variable 1	1.047946754
9	X Variable 2	57.96981777
10	X Variable 3	8.992693405
11		
12	MLR model: LWI8	
13	Intercept	-215.091144
14	X Variable 1	0.571257937
15	X Variable 2	2.199350144
16	X Variable 3	14.42069914
17	X Variable 4	-11.55181503
18		
19	MLR model: LWI9	
20	Intercept	-362.5713641
21	X Variable 1	0.972505727
22	X Variable 2	3.72415434
23	X Variable 3	16.42716475
24	X Variable 4	-21.6960885
25		
26	MLR model: LWI10	
27	Intercept	-424.1232713
28	X Variable 1	1.059407952
29	X Variable 2	3.723024551
30		
31	MLR model: LWI11	
32	Intercept	-108.6932675
33	X Variable 1	0.798334521
34	X Variable 2	8.754379023
35		
36		

1	MLR model: LWI12	
2	Intercept	-117.842281
3	X Variable 1	2.246866047
4	X Variable 2	75.68278861
5	X Variable 3	-2.467531507
6		
7	MLR model: LWG1	
8	Intercept	-172.5973233
9	X Variable 1	-0.064710084
10	X Variable 2	1.645095342
11	X Variable 3	-6.411330423
12		
13	MLR model: LWG2	
14	Intercept	1578.657582
15	X Variable 1	-0.064710084
16	X Variable 2	1.645095342
17	X Variable 3	-6.411330423
18		
19	MLR model: LWG3	
20	Intercept	539.5366687
21	X Variable 1	1.795387284
22	X Variable 2	-1.3369E-07
23		
24	MLR model: LWG4	
25	Intercept	-205.0863275
26	X Variable 1	1.798155145
27	X Variable 2	-11.09543386
28		
29	MLR model: LWG5	
30	Intercept	2825.631432
31	X Variable 1	1.798155145
32	X Variable 2	-11.09543386
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1	MLR model: LWG6	
2	Intercept	539.5366687
3	X Variable 1	1.795387284
4	X Variable 2	-1.3369E-07
5		
6	MLR model: LHF	
7	Intercept	-51.36294403
8	X Variable 1	-10.45963942
9	X Variable 2	4.569455904
10	X Variable 3	0.793348044
11		
12	MLR model: SHF	
13	Intercept	-5.965263838
14	X Variable 1	1.688600049
15	X Variable 2	3.626958514
16		
17	MLR model: EB1	
18	Intercept	-227.1178772
19	X Variable 1	0.890056776
20	X Variable 2	2.399990675
21	X Variable 3	3.737880525
22	X Variable 4	-8.605668204
23		
24	MLR model: EB2	
25	Intercept	-256.2875435
26	X Variable 1	0.880256782
27	X Variable 2	2.483520692
28	X Variable 3	4.5732901
29		
30	MLR model: EB3	
31	Intercept	-49.628267
32	X Variable 1	0.785918506
33	X Variable 2	-1.598970758
34		
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1 MLR model: EB4
2 Intercept -221.616567
3 X Variable 1 0.575536836
4 X Variable 2 2.190014397
5 X Variable 3 15.77814356
6 X Variable 4 -9.747859615

7
8 MLR model: EB5
9 Intercept -253.535144
10 X Variable 1 0.566092809
11 X Variable 2 2.281723338
12 X Variable 3 16.73789043

13
14 MLR model: EB6
15 Intercept -60.82003238
16 X Variable 1 0.505358951
17 X Variable 2 10.18968915

18
19 MLR model: EB7
20 Intercept -3.136904422
21 X Variable 1 1.047946754
22 X Variable 2 57.96981777
23 X Variable 3 8.992693405

24
25 MLR model: EB8
26 Intercept -215.091144
27 X Variable 1 0.571257937
28 X Variable 2 2.199350144
29 X Variable 3 14.42069914
30 X Variable 4 -11.55181503

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1	MLR model: EB9	
2	Intercept	-362.5713641
3	X Variable 1	0.972505727
4	X Variable 2	3.72415434
5	X Variable 3	16.42716475
6	X Variable 4	-21.6960885
7		
8	MLR model: EB10	
9	Intercept	-424.1232713
10	X Variable 1	1.059407952
11	X Variable 2	3.723024551
12		
13	MLR model: EB11	
14	Intercept	-108.6932675
15	X Variable 1	0.798334521
16	X Variable 2	8.754379023
17		
18	MLR model: EB12	
19	Intercept	-117.842281
20	X Variable 1	2.246866047
21	X Variable 2	75.68278861
22	X Variable 3	-2.467531507
23		
24	MLR model: Using training data set from Antizana and Zongo ILWR4	
25	Intercept	129.0125621
26	X Variable 1	3.50344506
27	X Variable 2	1.685656835
28		
29	MLR model: Using training data set from Antizana and Zongo EB4	
30	Intercept	-325.9956449
31	X Variable 1	0.650140369
32	X Variable 2	3.04700284
33	X Variable 3	18.91674354
34	X Variable 4	3.164302276
35		