

Appendix 5

Table A5.1. Evaluation of ‘Household Livelihood Return’ (HLR) for livelihood activities carried out by households in the Moramanga district of Madagascar.

Livelihood Activity	% sold	Revenue (USD)	Costs (USD)	Net Income 1 (USD)	Net Income 2 (USD)	Total hours Median (Q1, Q3)	HLR1 Median (Q1, Q3)	HLR2 Median (Q1, Q3)		
	Median (Q1, Q3)	Median (Q1, Q3)	Median (Q1, Q3)	Median (Q1, Q3)	Median (Q1, Q3)		USD/hr	<i>n</i>	USD/hr	<i>n</i>
HLR2 ≥ \$0.5 per hour										
R&A trapping	100	114 (84, 217)	12 (0, 55)	105 (64, 192)	105 (64, 192)	162 (97, 343)	0.7 (0.47, 1.81)	28	0.7 (0.47, 1.81)	28
Pineapple	100 (80, 100)	180 (61, 317)	0 (0, 2)	171 (64, 375)	152 (61, 303)	180 (108, 300)	0.5 (0.28, 2.65)	20	0.5 (0.28, 2.61)	19
HLR2 ≥ \$0.1 per hour										
Geese	75 (50, 88)	92 (59, 203)	0 (0, 0)	92 (58, 203)	81 (24, 154)	182 (91, 455)	0.4 (0.18, 1.13)	25	0.3 (0.06, 0.74)	23
Daily farm labour	NA	111 (33, 223)	0 (0, 0)	111 (33, 223)	111 (33, 223)	526 (263, 1334)	0.2 (0.13, 0.27)	21	0.2 (0.13, 0.27)	21
Chicken/laying hens	43 (0, 75)	86 (37, 186)	0 (0, 0)	73 (28, 182)	17 (0, 64)	91 (61, 182)	0.5 (0.20, 1.70)	121	0.1 (0.00, 0.75)	125
Bananas	90 (50, 100)	51 (17, 143)	0 (2, 0)	51 (14, 114)	26 (2, 90)	156 (68, 520)	0.2 (0.05, 0.68)	68	0.1 (0.00, 0.52)	75
Pigs	100 (50, 100)	148 (68, 290)	25 (2, 67)	125 (18, 236)	60 (4, 127)	364 (182, 727)	0.3 (0.06, 0.74)	44	0.1 (0.01, 0.27)	41
Beans	50 (26, 80)	65 (34, 141)	4 (0, 13)	60 (24, 138)	20 (0, 64)	336 (169, 548)	0.2 (0.06, 0.57)	102	0.1 (0.00, 0.26)	108
Peanuts	50 (0, 75)	24 (13, 43)	2 (0, 4)	21 (12, 34)	11 (-0, 24)	113 (45, 192)	0.2 (0.08, 0.50)	25	0.1 (0.00, 0.22)	30
HLR2 < \$0.1 per hour										
Ducks/Muscovy	58 (0, 100)	43 (24, 75)	0 (0, 0)	41 (24, 78)	10 (0, 42)	182 (91, 364)	0.2 (0.11, 0.65)	42	0.0 (0.00, 0.22)	43
Ginger	80 (73, 100)	43 (21, 88)	0 (0, 10)	29 (13, 60)	26 (4, 54)	606 (277, 1143)	0.1 (0.02, 0.15)	51	0.0 (0.00, 0.13)	51
Bambara groundnut	67 (27, 90)	39 (15, 86)	3 (0, 9)	30 (13, 77)	9 (0, 51)	494 (260, 870)	0.1 (0.02, 0.17)	38	0.0 (0.00, 0.07)	41
Irrigated rice	10 (0, 37)	206 (108, 459)	27 (13, 53)	167 (57, 327)	-1.9 (-20, 33)	970 (740, 1377)	0.1 (0.40, 0.62)	38	0.0 (-0.01, 0.04)	29
Leaf vegetables	50 (15, 75)	11 (6, 18)	1 (0, 2)	11 (6, 16)	0 (-0, 8)	208 (78, 424)	0.0 (0.00, 0.09)	39	0.0 (-0.01, 0.04)	40
Corn	25.0 (0, 73)	17 (8, 38)	0 (0, 1)	13.3 (5, 36)	0 (0, 13)	364 (152, 727)	0.1 (0.02, 0.13)	86	0.0 (0.00, 0.04)	107
Taro	0 (0, 50)	17 (10, 26)	0 (0, 0)	17 (6, 25)	0 (0, 6)	540 (234, 940)	0.0 (0.00, 0.04)	34	0.0 (0.00, 0.01)	43
Cassava	0 (0, 50)	21 (11, 45)	0 (0, 4)	21 (7, 43)	0 (-1, 4)	831 (468, 1559)	0.0 (0.01, 0.06)	111	0.0 (-0.00, 0.01)	160

Sweet potato	0 (0, 5)	9 (4, 24)	0 (0, 0)	9 (4, 23)	0 (0, 0)	260 (128, 520)	0.0 (0.01, 0.09)	72	0.0 (0.00, 0.00)	126
Oxen/cows	0.0 (0, 0)	867 (578, 1413)	26 (13, 70)	727 (445, 1228)	-25 (-41, -13)	2182 (1819, 2448)	0.3 (0.15, 0.54)	42	-0.0 (-0.03, -0.01)	39
Upland rice	0 (0, 25)	105 (48, 255)	26 (6, 64)	63 (6, 189)	-10 (-39, -1)	909 (646, 1221)	0.1 (0.01, 0.25)	47	-0.0 (-0.05, 0.00)	45
Lowland rice	10 (0, 30)	216 (105, 409)	23 (9, 51)	157 (70, 324)	-5 (-27, 27)	1039 (695, 1364)	0.2 (0.08, 0.41)	194	-0.0 (0.03, 0.03)	199

†Economic information presented includes median (first quartile, third quartile): percentage of produce sold ('% sold'), 'revenue', 'costs', 'net income' (revenue - costs) and 'HLR'. 'Revenue' does not consider percentage sold and therefore indicates the total monetary value if 100% of produce was sold. 'Net income 1' is calculated without incorporating percentage sold. 'Net Income 2' is adjusted to account for percentage sold. HLR1 is calculated from 'net income 1' divided by 'total hours' in order to give 'value per unit of effort' (USD/hour). 'HLR 2' is calculated from 'Net income 2' (therefore incorporating percentage sold). Time information includes the median (first quartile, third quartile) total number of hours the activity is carried out per year, calculated from information on months per year, days per week, and hours per day. R&A trapping=reptile and amphibian trapping.