Supplementary Data (SD) Tables

SD Table 1: Yield of fruit trees in robusta coffee plots during the rejuvenation.

Cropping system	Yield of fruit tree (kg ha^{-1})			
	2020/2021	2021/2022	2022/2023	2023/2024
Sole coffee	-	-	-	-
Coffee+papaya*	-	-	-	-
Coffee+coconut	1,678.3	718.5	4,920.8	7,800.5
Coffee+citrus	3,153.7	1,463.8	10,678.0	10,306.4
Coffee+avocado	2,834.2	1,556.0	1,047.0	5,175.0
Coffee+pineapple*	-	-	-	-

*There were no yield data from the sole coffee, offee+papaya and coffee+pineapple systems because the sole coffee plots had no intercrops while papaya and pineapple were not reintroduced into the coffee plots after coppicing due rapid regrowth and quick canopy closure by the coffee plants.

SD Table 2. Seasonal gross income (US$) from the sale of rejuvenated robusta coffee beans and intercrops.

Cropping system	Coffee bean sale			Intercrop fruit sale			
	2021/2022	2022/2023	2023/2024	2020/2021	2021/2022	2022/2023	2023/2024
Sole coffee	146.57	1,398.55	5,645.69	-	-	-	-
Coffee+papaya*	127.83	1,492.25	5,304.38	*	*	*	*
Coffee+coconut	68.70	1,030.89	4,920.42	80.27	57.48	590.40	1,891.13
Coffee+citrus	52.17	683.16	3,683.21	411.35	254.52	2,534.84	3,848.52
Coffee+avocado	67.83	863.77	4,017.40	788.65	521.19	519.86	5,625.00
Coffee+pineapple*	139.13	1,216.41	5,482.15	*	*	*	*

(*) The coffee+papaya and coffee+pineapple systems were in the residual phase since the two intercrops were not reintroduced into the coffee plots after coppicing. The treatments were therefore similar to the sole coffee crop with no intercrop yield to measure.

SD Table 3. Total gross income and variable cost of rejuvenated robusta coffee plots as affected by the cropping systems.

Cropping system	Total gross income (US$)				Total variable cost (US$)			
	2020/2021	2021/2022	2022/2023	2023/2024	2020/2021	2021/2022	2022/2023	2023/2024
Sole coffee	-	146.57	1,398.55	5,645.69	145.83	310.44	397.36	910.90
Coffee+papaya	*	127.83	1,492.25	5,304.38	145.83	310.44	397.36	848.37
Coffee+coconut	80.27	126.18	1,621.29	6,811.55	146.09	313.04	400.70	2,411.37
Coffee+citrus	411.35	306.69	937.68	7,531.73	310.87	498.26	1,072.56	1,638.05
Coffee+avocado	521.19	589.02	1,383.63	9,642.40	278.26	379.39	485.62	2,560.90
Coffee+pineapple	*	139.13	1,216.41	5,482.15	145.83	310.44	397.36	726.54

*The coffee+papaya and coffee+pineapple systems were in the residual phase since the two intercrops were not reintroduced into the coffee plots after coppicing.

SD Table 4. The net returns to investment in rejuvenated robusta coffee as affected by cropping systems.

Cropping system	Net income (US$)				4-year Cumulative	Cumulative Net income difference
	2020/2021	2021/2022	2022/2023	2023/2024		
Sole coffee	(145.83)	(163.87)	1,001.19	4,734.79	5,426.28	-
Coffee+papaya*	(145.83)	(97.39)	1,094.89	4,456.01	5,307.68	(118.60)
Coffee+coconut	(65.82)	(186.86)	1,220.59	4,400.18	5,368.09	(58.20)
Coffee+citrus	100.48	(191.57)	(134.88)	5,893.68	5,667.71	241.43
Coffee+avocado	242.93	209.63	898.01	7,081.50	8,432.07	3,005.79
Coffee+pineapple*	(145.83)	(171.31)	819.05	4,755.61	5,257.52	(168.76)

*The coffee+papaya and coffee+pineapple systems were in the residual phase since the two intercrops were not reintroduced into the coffee plots after coppicing.