

# Rapport d'enquête PUDT

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# 1. Introduction

Ce apport synthétise les principaux résultats d’une enquête de 1422 ménages conduite entre le 23 juillet et le 20 septembre 2024.

Cette enquête visait l’agriculture familiale du C’Ongo et avait pour but de: - Caractériser la diversité des exploitations familiales - Comprendre les interactions agriculture-forêt - Cerner les contraintes et opportunités et estimer les niveaux de production autour de 7 cultures cibles: manioc, maïs, soja, arachide, safou, palmier, et plantain.

Les localités (villages) ont été utilisées comme premier degré d’échantillonnage, puis dans chaque localité sélectionnées, 10 exploitations ont été sélectionnées de façon aléatoire (deuxième degré d’échantillonnage). Dans un premier temps, 100 localités ont été sélectionnées par échantillonnage aléatoire stratifié, en utilisant la végétation comme strate (voire rapport de mission de Boulakia, Baudron, Gatignol et Murel de 2024 pour plus de détails). Cette échantillon a ensuite été complété par d’autres villages représentatifs de la diversité des départements, tel que révélé par les zonages à dire d’acteurs (ZADA). De ce processus est résulté un échantillon représentatif et raisonné de 151 villages.

Table 1: Nombre de ménages enquêtés par département

Département	Nombre de ménages
Bouenza	191
Cuvette	102
Cuvette-Ouest	71
Kouilou	124
Likouala	71
Lékoumou	107
Niari	255
Plateaux	200
Pool	243
Sangha	58

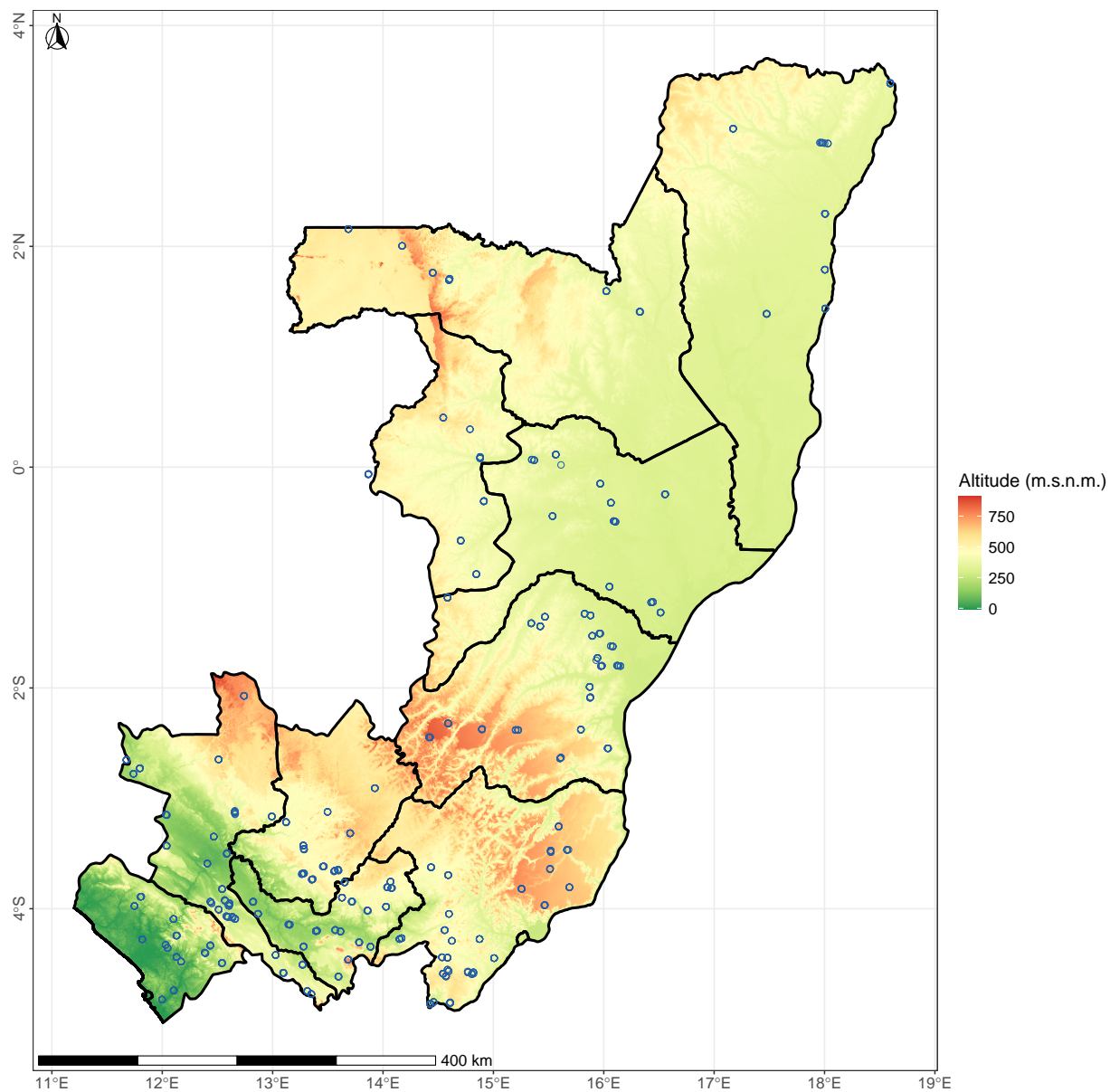


Figure 1: Localisation des ménages enquêtés

## 2. Caractéristiques de l'enquête et du ménage

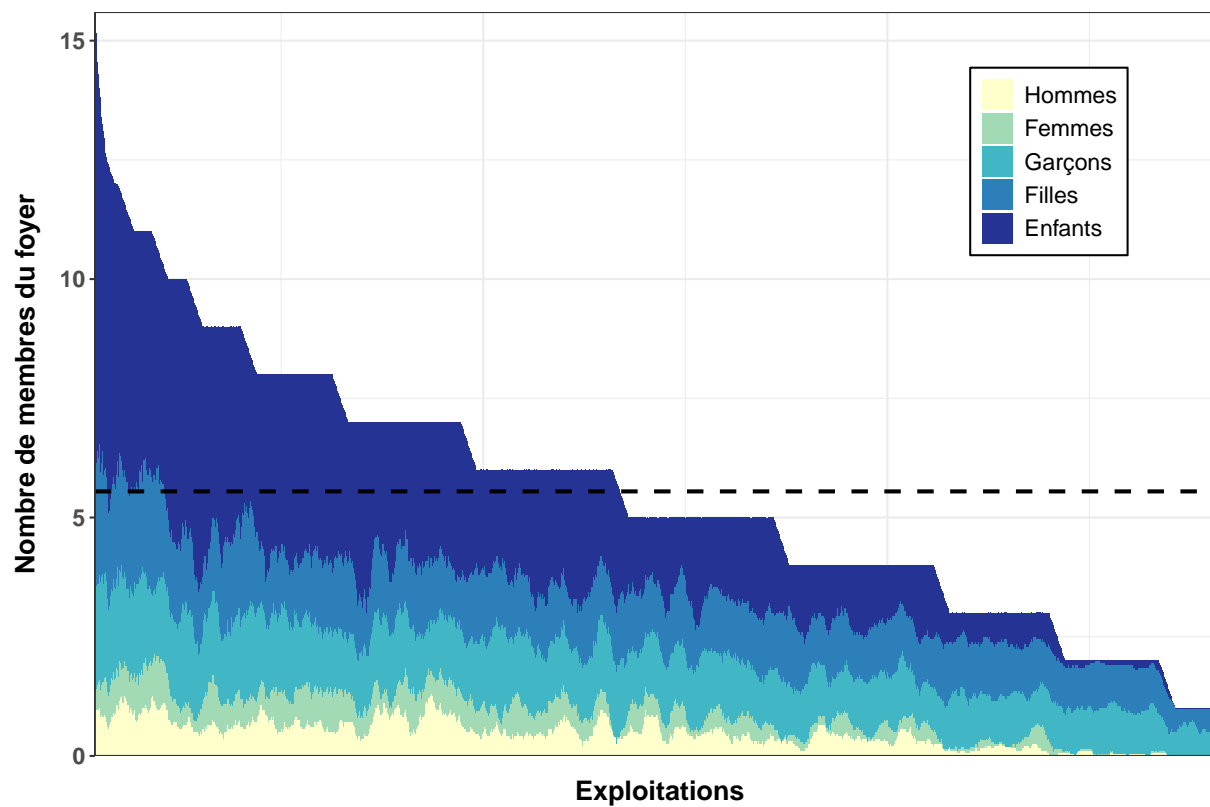


Figure 2: Composition du ménage (les exploitations ont été classées par taille de ménage décroissante, et une moyenne moyenne mobile a été appliquée à des sous-ensembles de 20 exploitations pour lisser les courbes et faciliter leur interprétation. La ligne en pointillés représente la taille moyenne du foyer pour l'échantillon total)

## 3. Sécurité alimentaire

Table 2: Langues parlées par l'enquête

Langue	Overall N = 1,422	Bouenza N = 191	Cuvette N = 102	Cuvette- Ouest N = 71	Kouilou N = 124	Lékoumou N = 107	Likouala N = 71	Niari N = 255	Plateaux N = 200	Pool N = 243	Sangha N = 58
lingala	5.3%	3.7%	2.9%	0%	0.8%	13%	9.9%	0%	0%	17%	5.2%
kikongo	2.8%	3.1%	0%	0%	3.2%	0%	2.8%	2.7%	0%	8.6%	0%
lari	11%	1.0%	1.0%	0%	8.1%	0.9%	1.4%	2.4%	1.0%	56%	3.4%
kituba	11%	14%	0%	0%	4.0%	50%	0%	13%	0%	14%	0%
teke	18%	14%	1.0%	31%	6.5%	24%	2.8%	2.4%	57%	19%	5.2%
mbochi	6.8%	0%	34%	1.4%	0%	0%	4.2%	0%	27%	0.8%	1.7%
vili	1.5%	0%	0%	0%	18%	0%	0%	0%	0%	0%	0%
kuilu	<0.1%	0%	0%	0%	0%	0%	1.4%	0%	0%	0%	0%
lubomo	<0.1%	0%	0%	0%	0%	0%	1.4%	0%	0%	0%	0%
bomitaba	0.5%	0%	0%	0%	0%	0%	5.6%	0%	0%	0.4%	3.4%
ndjem	0.8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	19%
yombe	2.7%	0%	0%	0%	29%	0%	4.2%	0%	0%	0%	0%
français	8.2%	8.4%	0%	0%	0%	32%	1.4%	2.7%	0%	24%	1.7%
anglais	<0.1%	0%	0%	0%	0%	0%	0%	0%	0%	0.4%	0%
baaka	<0.1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1.7%

<sup>1</sup> %

Table 3: Caractéristiques du chef de famille

Variable	Overall N = 1,417	Bouenza N = 191	Cuvette N = 102	Cuvette- Ouest N = 71	Kouilou N = 124	Lékoumou N = 107	Likouala N = 71	Niari N = 255	Plateaux N = 200	Pool N = 238	Sangha N = 58
Genre du chef de ménage											
Femme	37%	29%	63%	41%	47%	20%	45%	31%	37%	37%	36%
Homme	63%	71%	37%	59%	53%	80%	55%	69%	63%	63%	64%
Age du chef de ménage	48.9 (12.8)	50.0 (13.4)	46.5 (13.3)	42.5 (12.5)	49.0 (13.5)	49.9 (10.8)	47.6 (11.3)	50.7 (12.1)	47.6 (14.4)	50.2 (12.4)	48.0 (8.9)
Niveau d'éducation du chef de ménage											
Aucun	12%	10%	3.9%	1.4%	12%	9.3%	44%	9.0%	8.5%	7.1%	47%
Education primaire	28%	27%	29%	34%	40%	27%	17%	27%	29%	26%	22%
Collège	45%	45%	55%	56%	35%	48%	32%	43%	47%	54%	22%
Lycée	12%	12%	5.9%	4.2%	9.7%	13%	7.0%	18%	13%	11%	6.9%
Enseignement supérieur	3.5%	6.3%	5.9%	4.2%	2.4%	2.8%	0%	3.1%	3.5%	2.9%	1.7%
Originaire du village	70%	85%	73%	76%	49%	92%	41%	71%	64%	71%	62%

<sup>1</sup> %; Mean (SD)

Table 4: Raisons pour lesquelles les allochtones ont quitté leur village

Raison	Overall N = 1,422	Bouenza N = 191	Cuvette N = 102	Cuvette- Ouest N = 71	Kouilou N = 124	Lékoumou N = 107	Likouala N = 71	Niari N = 255	Plateaux N = 200	Pool N = 243	Sangha N = 58
Insécurité	5.1%	8.2%	0%	0%	0%	NA%	0%	0%	0%	13%	0%
Etudes hors du village	26%	24%	27%	13%	0%	NA%	25%	60%	54%	3.6%	29%
Travail hors du village	20%	14%	27%	44%	20%	NA%	25%	33%	13%	13%	57%
Raisons familiales	33%	33%	41%	63%	40%	NA%	50%	6.7%	21%	38%	14%
Raisons économiques	23%	33%	9.1%	0%	40%	NA%	0%	27%	13%	38%	0%
Autre	5.1%	6.1%	9.1%	6.3%	40%	NA%	13%	0%	0%	3.6%	0%

<sup>1</sup> %

Table 5: Principales raisons pour laquelle les allochtones ont décidé de s'installer dans le village dans lequel ils habitent actuellement

Raison	Overall N = 1,422	Bouenza N = 191	Cuvette N = 102	Cuvette- Ouest N = 71	Kouilou N = 124	Lékoumou N = 107	Likouala N = 71	Niari N = 255	Plateaux N = 200	Pool N = 243	Sangha N = 58
Terre natale	5.2%	3.4%	7.1%	18%	1.6%	22%	12%	0%	1.4%	4.4%	18%
Terre plus fertile	7.1%	6.9%	0%	0%	7.9%	11%	2.4%	19%	2.7%	7.4%	0%
Zone moins enclavée	2.8%	0%	0%	0%	4.8%	0%	0%	2.7%	4.1%	5.9%	0%
Accès à la terre plus facile	8.7%	0%	3.6%	0%	9.5%	11%	2.4%	16%	4.1%	19%	0%
Venu pour trouver de l'emploi, et ai pu trouver de la terre	19%	14%	0%	0%	27%	11%	9.5%	20%	23%	31%	14%
Conflit dans village natal	9.9%	6.9%	0%	0%	7.9%	0%	33%	5.4%	9.6%	7.4%	23%
Rejoint un proche/un(e) conjoint(e)	50%	55%	61%	65%	43%	67%	57%	49%	56%	31%	59%
Autre	16%	24%	32%	24%	19%	44%	9.5%	22%	2.7%	8.8%	9.1%

<sup>1</sup> %

Table 6: Caractéristiques du ménage

Variable	Overall N = 1,417	Bouenza N = 191	Cuvette N = 102	Cuvette- Ouest N = 71	Kouilou N = 124	Lékoumou N = 107	Likouala N = 71	Niari N = 255	Plateaux N = 200	Pool N = 238	Sangha N = 58
Taille du ménage	5.5 (2.9)	5.1 (2.6)	6.1 (2.9)	6.4 (2.6)	4.1 (2.3)	6.2 (2.8)	7.1 (3.3)	5.7 (3.2)	5.3 (2.7)	5.1 (2.7)	7.3 (3.6)
Hommes	0.4 (0.7)	0.5 (0.8)	0.6 (0.8)	0.5 (0.8)	0.3 (0.6)	0.3 (0.6)	0.4 (0.7)	0.4 (0.7)	0.5 (0.7)	0.5 (0.8)	0.4 (1.0)
Femmes	0.4 (0.7)	0.5 (0.8)	0.6 (0.9)	0.5 (0.7)	0.3 (0.5)	0.2 (0.4)	0.4 (0.7)	0.3 (0.7)	0.4 (0.6)	0.5 (0.7)	0.3 (0.6)
Garçons	1.2 (0.9)	1.2 (0.9)	1.4 (1.0)	1.5 (1.0)	1.1 (0.9)	1.2 (0.7)	1.0 (0.7)	1.2 (0.8)	1.2 (0.7)	1.2 (1.0)	1.4 (1.0)
Filles	1.3 (0.9)	1.4 (0.9)	1.4 (0.8)	1.4 (0.8)	1.2 (0.8)	0.8 (0.9)	1.5 (1.3)	1.1 (0.9)	1.2 (0.6)	1.5 (1.1)	1.3 (0.7)
Enfants	2.2 (2.4)	1.5 (1.5)	2.2 (2.0)	2.5 (1.8)	1.3 (1.6)	3.7 (2.7)	3.8 (2.9)	2.6 (2.8)	1.9 (2.0)	1.5 (1.7)	3.8 (3.5)

<sup>1</sup> Mean (SD)

Table 7: Sécurité alimentaire

Variable	Overall N = 1,422	Bouenza N = 191	Cuvette N = 102	Cuvette- Ouest N = 71	Kouilou N = 124	Lékoumou N = 107	Likouala N = 71	Niari N = 255	Plateaux N = 200	Pool N = 243	Sangha N = 58
Nombre moyen de repas par jours											
1	3.7%	8.4%	0%	0%	4.0%	1.9%	30%	1.2%	0.5%	0.8%	3.4%
2	70%	80%	71%	68%	67%	45%	68%	65%	67%	86%	62%
3 ou +	26%	12%	29%	32%	29%	53%	2.8%	34%	33%	14%	34%
Sécurité alimentaire (pas de nécessité de réduire le nombre de repas)	31%	39%	46%	55%	15%	16%	5.6%	28%	38%	32%	22%

<sup>1</sup> %

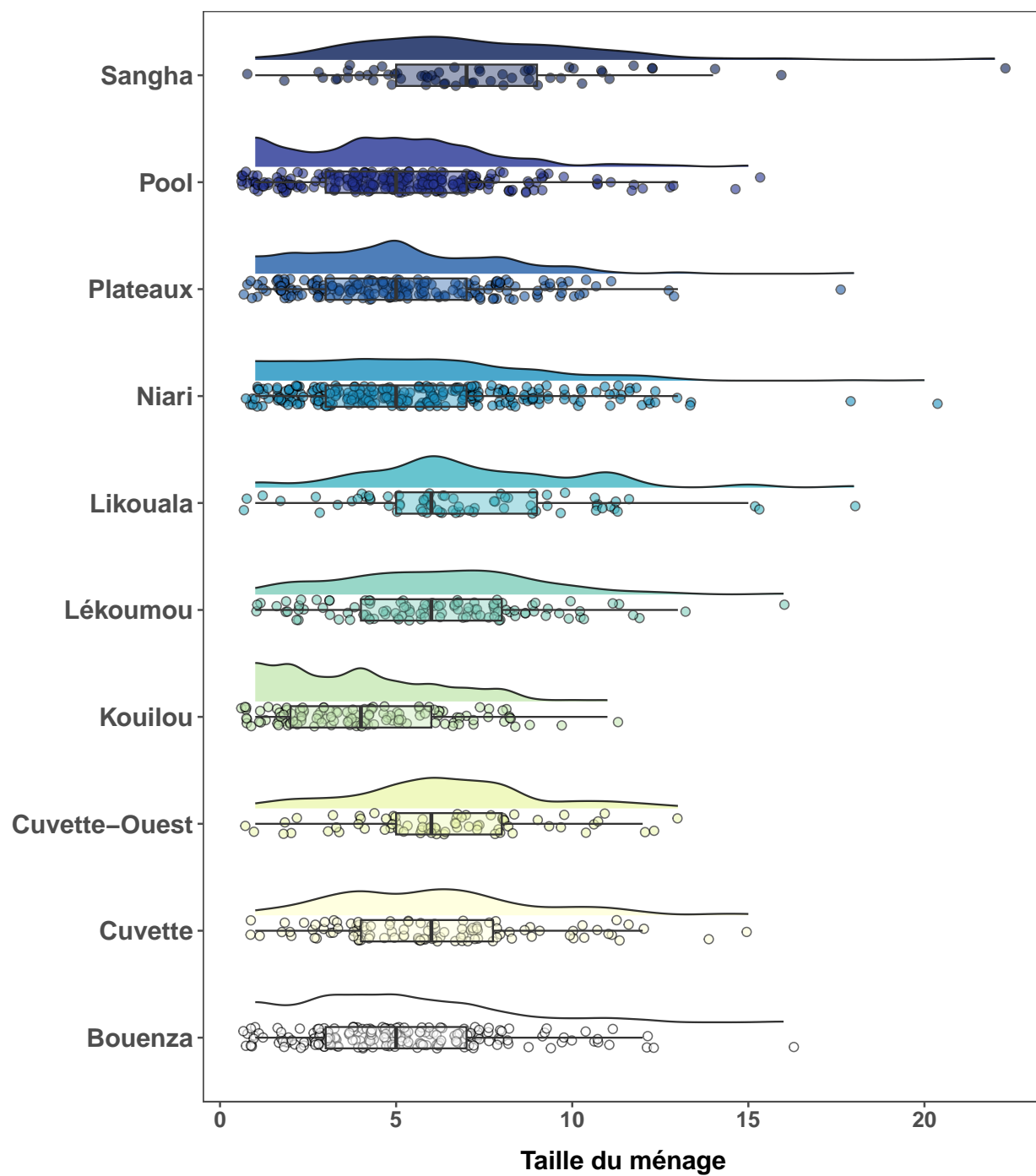


Figure 3: Taille du ménage par département

## **4. Agriculture**

### **4.1. Général**



Table 8: Structure des exploitations

Variable	Overall N = 1,170	Bouenza N = 115	Cuvette N = 92	Cuvette- Ouest N = 69	Kouilou N = 102	Lékoumou N = 106	Likouala N = 61	Niari N = 241	Plateaux N = 148	Pool N = 186	Sangha N = 50
Nombre de champs	2.4 (1.4)	3.3 (1.5)	2.5 (1.3)	3.0 (1.6)	1.8 (1.1)	1.8 (0.7)	2.0 (1.0)	2.4 (1.4)	2.8 (1.7)	2.3 (1.1)	2.1 (1.0)
Nombre de systèmes de culture	2.0 (1.2)	2.3 (1.0)	1.8 (0.8)	2.0 (1.1)	1.4 (0.6)	3.2 (1.8)	2.1 (0.8)	1.9 (1.1)	1.8 (1.1)	1.8 (0.9)	2.3 (0.9)
Présence d'un jardin	22%	23%	5.4%	7.2%	25%	24%	23%	28%	4.7%	35%	22%
Présence d'un verger	38%	31%	35%	49%	45%	69%	25%	53%	6.8%	30%	24%
Terres en jachère	47%	57%	53%	52%	34%	51%	25%	42%	40%	61%	50%
Terres en location	18%	20%	4.3%	7.2%	4.9%	48%	3.3%	19%	3.4%	37%	2.0%
Superficie cultivée (ha)	1.6 (1.3)	2.1 (1.4)	1.1 (0.8)	1.8 (1.0)	1.3 (1.0)	1.7 (1.1)	1.6 (1.0)	1.6 (1.2)	1.6 (1.6)	1.6 (1.4)	2.1 (1.8)
Diversité d'annuelles	2.8 (1.8)	3.1 (1.8)	2.7 (1.5)	3.6 (1.9)	1.4 (0.9)	4.2 (1.9)	2.0 (0.9)	2.5 (1.7)	3.0 (2.0)	2.7 (1.6)	1.9 (0.7)
Diversité de pérennes	3.6 (2.4)	3.2 (2.2)	4.0 (2.2)	5.2 (2.1)	2.9 (2.0)	4.5 (2.6)	2.2 (1.8)	3.6 (2.6)	3.8 (2.1)	3.6 (2.3)	2.8 (1.6)
Diversité totale	6.4 (3.4)	6.2 (3.3)	6.7 (2.9)	8.8 (3.2)	4.4 (2.3)	8.7 (3.8)	4.2 (2.1)	6.1 (3.7)	6.9 (3.3)	6.3 (3.2)	4.8 (2.1)
Orientation vers le marché (vente de plus de 50%)	61%	83%	40%	48%	49%	78%	30%	67%	61%	64%	40%
Végétation précédente											
Forêt dégradée	46%	43%	57%	68%	63%	20%	34%	28%	62%	59%	40%
Forêt dense / jamais mise en culture	16%	5.2%	29%	26%	27%	10%	66%	6.6%	0.7%	2.7%	60%
Savane arbustive	26%	34%	11%	4.3%	7.8%	52%	0%	40%	29%	27%	0%
Savane herbacée	12%	17%	3.3%	1.4%	2.0%	18%	0%	25%	8.1%	12%	0%
Durée de jachère											
1-2 ans	9.2%	7.0%	5.4%	0%	18%	0%	9.8%	23%	3.4%	5.4%	0%
12-15 ans	6.0%	5.2%	8.7%	17%	5.9%	0.9%	8.2%	2.1%	8.8%	6.5%	4.0%
15 ans et +	16%	6.1%	35%	54%	13%	0%	26%	5.8%	26%	8.6%	32%
3-5 ans	28%	32%	16%	2.9%	21%	75%	8.2%	40%	15%	26%	10%
6-8 ans	10%	21%	8.7%	4.3%	3.9%	4.7%	0%	5.8%	7.4%	27%	4.0%
9-11 ans	9.1%	10%	4.3%	13%	9.8%	5.7%	4.9%	6.2%	14%	15%	2.0%
Pas de jachère	21%	18%	22%	8.7%	29%	13%	43%	17%	26%	12%	48%
Statut foncier des terres cultivées											
Autre	15%	17%	8.7%	13%	12%	0.9%	34%	12%	31%	14%	14%
Location	10%	1.7%	1.1%	0%	20%	0.9%	13%	7.9%	7.4%	31%	0%
Propriété	74%	81%	90%	87%	69%	98%	52%	80%	61%	55%	86%
Utilisation de fumier/lisier	2.6%	5.2%	6.5%	2.9%	1.0%	0.9%	6.6%	0%	0%	5.9%	0%
Utilisation d'engrais minéraux	1.5%	0.9%	2.2%	0%	1.0%	0%	4.9%	0%	0%	5.9%	0%
Utilisation de pesticides	1.7%	4.3%	0%	0%	1.0%	0%	0%	0%	0%	7.5%	0%

<sup>1</sup> Mean (SD); %

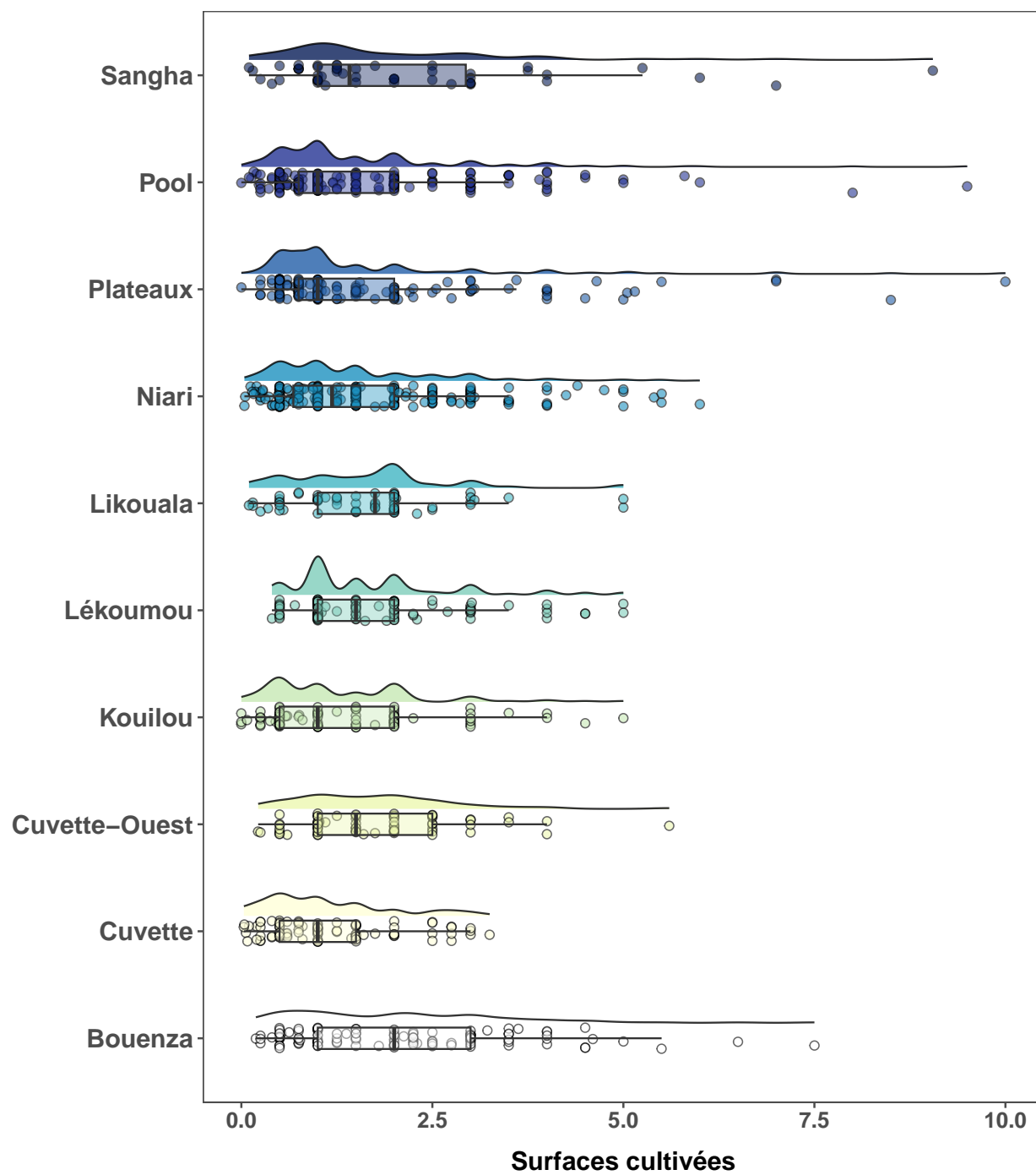


Figure 4: Surfaces cultivées

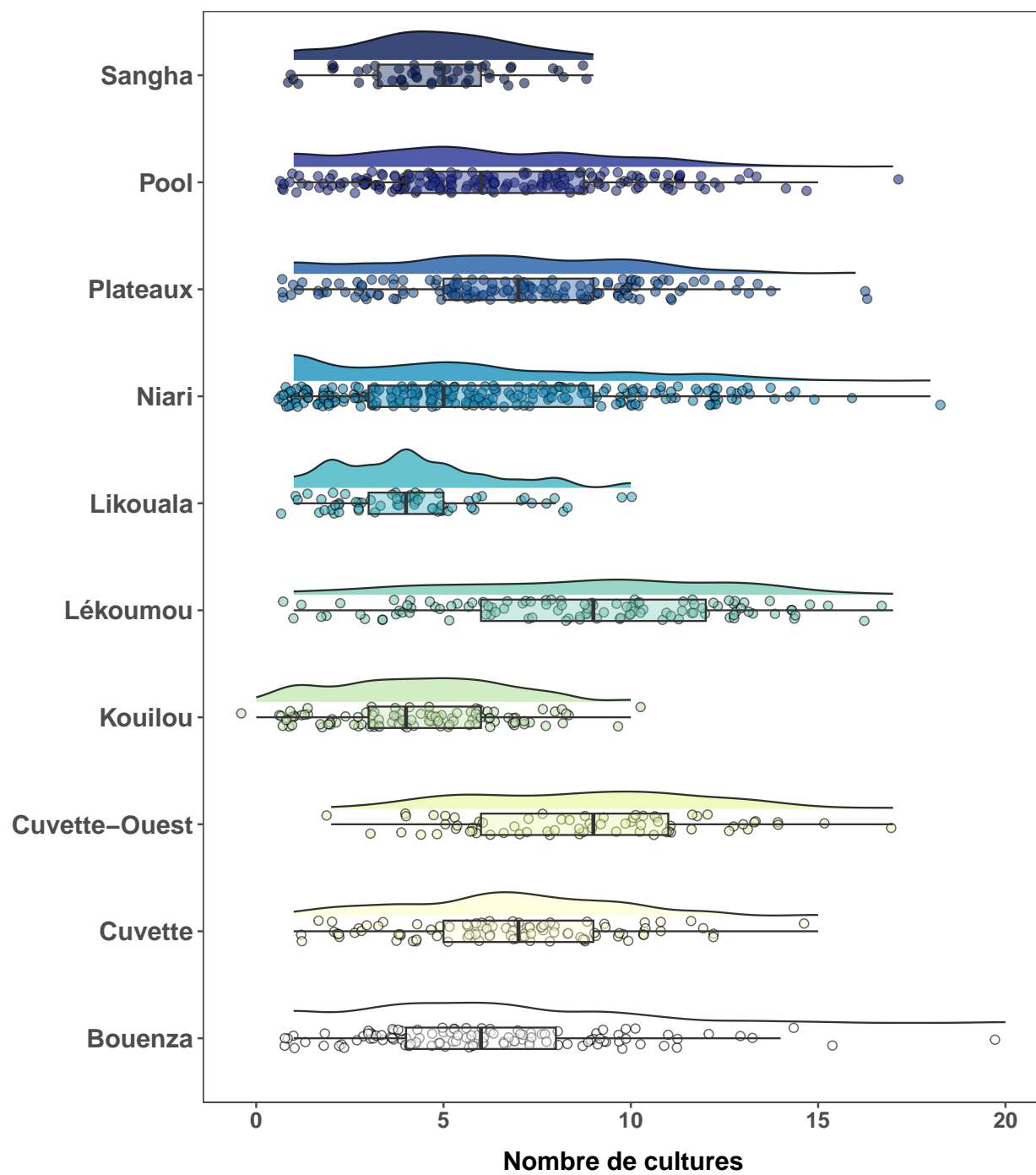


Figure 5: Diversité de cultures annuelles et pérennes

Table 9: Cultures présentes

Variable	Overall N = 1,170	Bouenza N = 115	Cuvette N = 92	Cuvette- Ouest N = 69	Kouilou N = 102	Lékoumou N = 106	Likouala N = 61	Niari N = 241	Plateaux N = 148	Pool N = 186	Sangha N = 50
manioc	98%	98%	100%	97%	93%	100%	100%	99%	98%	98%	98%
maïs	27%	16%	32%	20%	2.9%	53%	66%	17%	26%	28%	56%
soja	0.2%	0%	0%	0%	0%	0.9%	0%	0%	0.7%	0%	0%
arachide	30%	53%	6.5%	0%	6.9%	66%	20%	36%	20%	36%	26%
igname	13%	10%	12%	41%	4.9%	25%	6.6%	17%	11%	5.4%	4.0%
autres tubercules	15%	18%	13%	16%	9.8%	50%	4.9%	15%	15%	5.9%	2.0%
sorgho	<0.1%	0.9%	0%	0%	0%	0%	0%	0%	0%	0%	0%
haricot	3.1%	12%	0%	0%	0%	0.9%	0%	7.1%	1.4%	1.1%	0%
pois d'Angole	5.5%	27%	0%	0%	0%	3.8%	0%	12%	0%	0%	0%
lentille	0.2%	0%	0%	0%	0%	1.9%	0%	0%	0%	0%	0%
sésame	1.0%	0.9%	0%	0%	0%	0%	0%	0%	5.4%	1.6%	0%
pasteque	0.6%	2.6%	0%	0%	0%	0%	0%	0%	1.4%	1.1%	0%
légumes feuilles	23%	26%	22%	45%	4.9%	39%	1.6%	7.1%	32%	43%	0%
légumes fruits	21%	28%	12%	33%	5.9%	39%	0%	11%	22%	38%	2.0%
papaye	0.8%	1.7%	1.1%	1.4%	0%	0%	0%	0%	0.7%	2.2%	0%
canne à sucre	11%	2.6%	30%	42%	1.0%	12%	1.6%	7.5%	25%	0.5%	2.0%
safoutier	71%	69%	66%	88%	59%	81%	46%	65%	82%	77%	60%
cacao	3.8%	0.9%	5.4%	5.8%	0%	1.9%	20%	1.7%	0.7%	0%	30%
café	2.6%	1.7%	0%	0%	0%	16%	1.6%	3.7%	0.7%	0%	2.0%
bananier	41%	43%	46%	38%	43%	68%	28%	39%	32%	37%	30%
plantain	40%	37%	49%	80%	40%	66%	28%	28%	34%	29%	52%
palmier	26%	5.2%	62%	78%	2.9%	19%	3.3%	21%	51%	17%	4.0%
manguier	31%	30%	28%	45%	11%	26%	8.2%	32%	39%	44%	8.0%
avocatier	50%	49%	49%	67%	46%	53%	13%	51%	55%	59%	26%
ananas	24%	9.6%	43%	62%	14%	30%	3.3%	22%	45%	11%	4.0%
agrumes	39%	32%	37%	71%	35%	45%	6.6%	53%	46%	26%	2.0%
litchi	3.8%	0.9%	0%	0%	0%	0%	0%	0.4%	1.4%	22%	0%
autres arbres en dehors des parcelles	22%	7.0%	40%	45%	20%	30%	0%	21%	30%	18%	0%
autres arbres fruitiers dans les parcelles	1.5%	0.9%	5.4%	1.4%	3.9%	0.9%	0%	0.8%	0.7%	1.1%	0%
autres arbres non-fruitiers dans les parcelles	33%	40%	14%	2.9%	31%	45%	66%	41%	9.5%	32%	68%

<sup>1</sup> %

Table 10: Dégats de culture

Variable	Overall N = 1,170	Bouenza N = 115	Cuvette N = 92	Cuvette- Ouest N = 69	Kouilou N = 102	Lékoumou N = 106	Likouala N = 61	Niari N = 241	Plateaux N = 148	Pool N = 186	Sangha N = 50
manioc	98%	98%	100%	97%	93%	100%	100%	99%	98%	98%	98%
maïs	27%	16%	32%	20%	2.9%	53%	66%	17%	26%	28%	56%
soja	0.2%	0%	0%	0%	0%	0.9%	0%	0%	0.7%	0%	0%
arachide	30%	53%	6.5%	0%	6.9%	66%	20%	36%	20%	36%	26%
igname	13%	10%	12%	41%	4.9%	25%	6.6%	17%	11%	5.4%	4.0%
autres tubercules	15%	18%	13%	16%	9.8%	50%	4.9%	15%	15%	5.9%	2.0%
sorgho	<0.1%	0.9%	0%	0%	0%	0%	0%	0%	0%	0%	0%
haricot	3.1%	12%	0%	0%	0%	0.9%	0%	7.1%	1.4%	1.1%	0%
pois d'Angole	5.5%	27%	0%	0%	0%	3.8%	0%	12%	0%	0%	0%
lentille	0.2%	0%	0%	0%	0%	1.9%	0%	0%	0%	0%	0%
sésame	1.0%	0.9%	0%	0%	0%	0%	0%	0%	5.4%	1.6%	0%
pasteque	0.6%	2.6%	0%	0%	0%	0%	0%	0%	1.4%	1.1%	0%
légumes feuilles	23%	26%	22%	45%	4.9%	39%	1.6%	7.1%	32%	43%	0%
légumes fruits	21%	28%	12%	33%	5.9%	39%	0%	11%	22%	38%	2.0%
papaye	0.8%	1.7%	1.1%	1.4%	0%	0%	0%	0%	0.7%	2.2%	0%
canne à sucre	11%	2.6%	30%	42%	1.0%	12%	1.6%	7.5%	25%	0.5%	2.0%
safoutier	71%	69%	66%	88%	59%	81%	46%	65%	82%	77%	60%
cacao	3.8%	0.9%	5.4%	5.8%	0%	1.9%	20%	1.7%	0.7%	0%	30%
café	2.6%	1.7%	0%	0%	0%	16%	1.6%	3.7%	0.7%	0%	2.0%
bananier	41%	43%	46%	38%	43%	68%	28%	39%	32%	37%	30%
plantain	40%	37%	49%	80%	40%	66%	28%	28%	34%	29%	52%
palmier	26%	5.2%	62%	78%	2.9%	19%	3.3%	21%	51%	17%	4.0%
manguier	31%	30%	28%	45%	11%	26%	8.2%	32%	39%	44%	8.0%
avocatier	50%	49%	49%	67%	46%	53%	13%	51%	55%	59%	26%
ananas	24%	9.6%	43%	62%	14%	30%	3.3%	22%	45%	11%	4.0%
agrumes	39%	32%	37%	71%	35%	45%	6.6%	53%	46%	26%	2.0%
litchi	3.8%	0.9%	0%	0%	0%	0%	0%	0.4%	1.4%	22%	0%
autres arbres en dehors des parcelles	22%	7.0%	40%	45%	20%	30%	0%	21%	30%	18%	0%
autres arbres fruitiers dans les parcelles	1.5%	0.9%	5.4%	1.4%	3.9%	0.9%	0%	0.8%	0.7%	1.1%	0%
autres arbres non-fruitiers dans les parcelles	33%	40%	14%	2.9%	31%	45%	66%	41%	9.5%	32%	68%

<sup>1</sup> %

## **4.2. Manioc**

Sur les 1422 exploitations enquêtées, 1310 produisent du manioc.

Table 11: Production du manioc (les champs ne produisant pas de manioc ne sont pas inclus dans les calculs de productions moyennes, de revenus moyens et de rendements moyens)

Variable	Overall N = 1,310	Bouenza N = 185	Cuvette N = 100	Cuvette- Ouest N = 69	Kouilou N = 115	Lékoumou N = 103	Likouala N = 70	Niari N = 245	Plateaux N = 151	Pool N = 216	Sangha N = 56
boutures auto-produites	89%	96%	71%	58%	82%	100%	77%	96%	95%	91%	89%
boutures provenant d'un voisin	36%	43%	80%	97%	50%	1.0%	46%	19%	6.0%	38%	27%
boutures provenant d'un magasin	1.1%	0%	5.0%	4.3%	4.3%	0%	0%	0.4%	0%	0.5%	0%
boutures provenant d'une pépinière	1.1%	0%	7.0%	8.7%	0%	0%	0%	0%	0%	0.5%	0%
boutures provenant d'une ONG/d'un projet	1.6%	0%	4.0%	0%	0%	0%	14%	0.4%	0%	0%	11%
boutures provenant d'un partenaire privé	0.6%	0%	5.0%	1.4%	0%	0%	0%	0%	1.3%	0%	0%
boutures provenant d'un partenaire publique	0.2%	0%	0%	2.9%	0%	0%	0%	0%	0%	0.5%	0%
part de manioc autoconsommée (%)	42.5 (25.0)	34.3 (17.2)	59.9 (27.1)	54.8 (30.9)	46.8 (26.9)	34.7 (17.6)	62.9 (24.6)	37.2 (23.8)	37.0 (22.6)	37.9 (20.1)	59.0 (28.9)
part de manioc vendue (%)	57.5 (25.0)	65.7 (17.2)	40.1 (27.1)	45.2 (30.9)	53.2 (26.9)	65.3 (17.6)	37.1 (24.6)	62.8 (23.8)	63.0 (22.6)	62.1 (20.1)	41.0 (28.9)
materiel de transformation											
Moulin manuel	5.0%	3.8%	5.0%	2.9%	0%	0%	0%	0.8%	29%	1.9%	1.8%
Moulin motorisé	16%	18%	17%	28%	0.9%	37%	2.9%	21%	9.3%	13%	7.1%
Pas de matériel de transformation	79%	78%	78%	70%	99%	63%	97%	78%	62%	86%	91%
si moulin, status de ce moulin											
Location	5.5%	2.5%	0%	0%	100%	0%	0%	22%	0%	3.2%	0%
Prestation de services	73%	80%	100%	86%	0%	100%	50%	63%	33%	94%	100%
Propriété	20%	18%	0%	14%	0%	0%	50%	5.6%	67%	3.2%	0%
Propriété en commun	1.8%	0%	0%	0%	0%	0%	0%	9.3%	0%	0%	0%
vente de manioc sous forme de chikwangue	53%	39%	58%	78%	77%	77%	10%	40%	31%	77%	24%
vente de manioc sous forme de cossettes	46%	64%	56%	60%	5.6%	1.0%	39%	46%	47%	62%	49%
vente de manioc sous forme de tubercules rouis	27%	31%	21%	12%	33%	60%	20%	38%	33%	2.4%	6.7%
vente de manioc sous forme de fofou émietté	4.5%	0.5%	6.7%	8.8%	2.8%	1.0%	5.1%	0%	0%	16%	4.4%
vente de manioc sous forme de tubercules frais	15%	11%	40%	10%	31%	2.9%	31%	19%	0.7%	2.8%	49%
vente de manioc sous forme de farine de fofou	2.7%	0.5%	7.8%	2.9%	1.9%	2.0%	1.7%	4.1%	2.1%	2.8%	0%
vente de manioc sous forme de gari	<0.1%	0%	0%	0%	0%	0%	1.7%	0%	0%	0%	0%
production totale de manioc (kg tubercule s/ha)	4,852.9 (11,273.6)	4,786.2 (7,326.6)	9,528.1 (20,226.1)	4,100.5 (7,881.8)	980.0 (1,359.4)	5,411.2 (7,306.6)	2,533.3 (3,005.2)	7,110.4 (12,712.2)	2,715.1 (9,490.8)	3,681.2 (12,722.2)	14,510.1 (19,653.2)
revenus totaux du manioc (XAF/an)	726,626.7 (2,226,267.4)	553,604.8 (1,765,799.6)	1,446,625.0 (4,277,437.4)	395,383.0 (848,548.6)	272,636.4 (364,004.0)	659,230.8 (1,052,641.0)	206,666.7 (254,230.9)	987,308.8 (3,524,562.9)	243,272.7 (370,666.9)	835,896.6 (2,531,798.5)	2,910,600.0 (4,036,656.3)
surface cultivée en manioc (ha)	1.2 (1.0)	1.2 (1.0)	1.0 (0.8)	1.8 (1.1)	1.0 (0.8)	1.1 (0.6)	1.1 (0.7)	1.1 (0.9)	1.4 (1.4)	1.1 (1.2)	1.2 (1.0)
rendement en manioc (kg tubercules frais eq./ha)	2,937.1 (3,650.5)	3,754.9 (4,035.4)	4,291.2 (5,817.1)	2,439.3 (3,393.8)	1,412.4 (2,002.4)	4,004.2 (3,474.5)	457.1 (107.7)	3,745.5 (4,392.0)	1,502.4 (2,066.0)	2,144.2 (2,693.5)	4,718.1 (4,904.6)

<sup>1</sup> %; Mean (SD)

### **4.3. Maïs**

Sur les 1422 exploitations enquêtées, 316 produisent du maïs.



Table 12: Production du maïs (les champs ne produisant pas de maïs ne sont pas inclus dans les calculs de productions moyennes, de revenus moyens et de rendements moyens)

Variable	Overall N = 311	Bouenza N = 31	Cuvette N = 24	Cuvette- Ouest N = 14	Kouilou N = 6	Lékoumou N = 52	Likouala N = 43	Niari N = 38	Plateaux N = 35	Pool N = 43	Sangha N = 25
semences auto-produites	81%	77%	75%	50%	17%	100%	84%	92%	91%	58%	88%
semences provenant d'un voisin	20%	13%	46%	64%	17%	0%	47%	5.3%	5.7%	19%	24%
semences provenant d'un magasin	15%	23%	13%	14%	83%	0%	0%	7.9%	5.7%	51%	12%
semences provenant d'une pépinière	1.3%	0%	13%	7.1%	0%	0%	0%	0%	0%	0%	0%
semences provenant d'une ONG/d'un projet	6.1%	0%	8.3%	0%	0%	0%	26%	0%	0%	0%	24%
semences provenant d'un partenaire publique	0.6%	0%	0%	7.1%	17%	0%	0%	0%	0%	0%	0%
part de maïs autoconsommée (%)	35.7 (35.7)	47.6 (41.1)	34.5 (33.6)	24.3 (32.3)	30.0 (35.2)	16.3 (18.2)	21.6 (25.7)	58.2 (36.5)	40.6 (43.3)	52.4 (36.4)	24.4 (26.3)
part de maïs vendue (%)	61.6 (36.1)	47.1 (39.8)	64.7 (34.1)	75.7 (32.3)	66.7 (33.9)	80.4 (20.5)	78.4 (25.7)	40.0 (36.2)	57.9 (42.3)	39.2 (34.2)	75.6 (26.3)
part de maïs utilisée pour l'alimentation animale (%)	2.8 (11.4)	5.3 (18.9)	0.8 (2.6)	0.0 (0.0)	3.3 (5.2)	3.3 (11.7)	0.0 (0.0)	1.8 (6.9)	1.6 (5.7)	8.4 (20.2)	0.0 (0.0)
broyeur											
Non	97%	84%	100%	93%	100%	100%	98%	100%	100%	95%	96%
Oui	3.2%	16%	0%	7.1%	0%	0%	2.3%	0%	0%	4.7%	4.0%
si broyeur, status de ce broyeur											
Prestation de services	60%	100%	NA%	0%	NA%	NA%	0%	NA%	NA%	50%	0%
Propriété	30%	0%	NA%	100%	NA%	NA%	100%	NA%	NA%	0%	100%
Propriété en commun	10%	0%	NA%	0%	NA%	NA%	0%	NA%	NA%	50%	0%
vente de maïs sous forme d'épis	17%	0%	32%	0%	80%	3.8%	0%	48%	4.2%	39%	20%
vente de maïs sous forme de farine	0.8%	0%	0%	0%	0%	0%	0%	0%	0%	6.5%	0%
vente de maïs sous forme de grains	78%	95%	27%	42%	20%	92%	98%	55%	96%	68%	92%
production totale de maïs (kg)	4,108.1 (41,343.8)	1,064.1 (1,837.4)	4,383.4 (11,663.4)	1,840.3 (2,943.1)	845.8 (1,101.9)	882.1 (1,449.9)	1,534.2 (2,677.5)	951.6 (1,147.5)	565.7 (547.6)	1,860.3 (3,763.8)	25,778.5 (122,316.1)
revenus totaux du maïs (XAF/an)	179,991.2 (529,233.2)	159,617.6 (370,346.9)	62,350.0 (88,532.5)	587,500.0 (943,588.0)	332,500.0 (449,012.8)	96,775.0 (150,731.7)	163,015.3 (229,881.1)	80,000.0 (109,246.5)	94,375.0 (134,245.0)	238,157.0 (726,148.4)	484,208.3 (1,242,439.5)
surface cultivée en maïs (ha)	0.4 (0.4)	0.2 (0.3)	0.3 (0.3)	0.6 (0.4)	0.4 (0.6)	0.5 (0.4)	0.6 (0.6)	0.2 (0.3)	0.4 (0.4)	0.3 (0.5)	0.5 (0.5)
rendement en maïs (kg/ha)	2,170.8 (2,453.1)	3,128.0 (3,318.3)	2,809.6 (2,764.2)	2,583.3 (1,952.9)	675.0 (577.5)	1,494.2 (1,999.4)	2,460.2 (2,371.6)	2,784.6 (3,032.6)	2,097.8 (2,276.1)	1,908.5 (2,215.3)	2,048.4 (2,652.5)

<sup>1</sup> %; Mean (SD)

#### **4.4. Arachide**

Sur les 1422 exploitations enquêtées, 401 produisent de l'arachide.

Table 13: Production d'arachide (les champs ne produisant pas d'arachide ne sont pas inclus dans les calculs de productions moyennes, de revenus moyens et de rendements moyens)

Variable	Overall N = 401	Bouenza N = 97	Cuvette N = 7	Kouilou N = 9	Lékoumou N = 68	Likouala N = 14	Niari N = 92	Plateaux N = 37	Pool N = 64	Sangha N = 13
semences auto-produites	86%	84%	71%	33%	99%	93%	97%	86%	69%	85%
semences provenant d'un voisin	8.0%	11%	71%	11%	0%	36%	0%	0%	7.8%	38%
semences provenant d'un magasin	22%	27%	0%	89%	1.5%	7.1%	4.3%	11%	64%	15%
semences provenant d'une ONG/d'un projet	2.0%	0%	0%	0%	0%	50%	0%	0%	0%	7.7%
semences provenant d'un partenaire publique	0.2%	0%	0%	0%	0%	0%	0%	2.7%	0%	0%
part d'arachide autoconsommée (%)	33.6 (29.9)	42.7 (26.7)	31.4 (40.2)	23.0 (18.4)	17.5 (13.5)	7.1 (14.9)	27.7 (27.5)	43.7 (38.4)	52.0 (31.5)	10.0 (19.1)
part d'arachide vendue (%)	66.4 (29.9)	57.3 (26.7)	68.6 (40.2)	77.0 (18.4)	82.5 (13.5)	92.9 (14.9)	72.3 (27.5)	56.3 (38.4)	48.0 (31.5)	90.0 (19.1)
vente d'arachide sous forme de coques	82%	57%	100%	100%	90%	100%	95%	96%	76%	69%
vente d'arachide sous forme décortiquées	20%	50%	0%	11%	10%	0%	4.6%	3.7%	25%	31%
vente d'arachide sous forme de pâte	0.3%	0%	0%	11%	0%	0%	0%	0%	0%	0%
production totale d'arachide (kg)	727.4 (1,736.2)	437.3 (582.9)	1,713.7 (3,455.7)	114.3 (138.9)	953.0 (2,738.3)	284.6 (170.8)	1,266.2 (1,915.4)	83.4 (59.2)	253.4 (234.6)	395.8 (357.3)
revenus totaux de l'arachide (XAF/an)	257,345.0 (373,792.3)	196,336.7 (349,906.2)	115,166.7 (125,405.6)	98,428.6 (118,559.2)	322,792.3 (347,723.5)	96,964.3 (76,426.0)	450,735.2 (501,310.6)	32,204.5 (24,814.9)	90,222.6 (99,813.3)	213,000.0 (230,558.4)
surface cultivée en arachide (ha)	0.5 (0.5)	0.5 (0.6)	0.6 (0.5)	0.5 (0.7)	0.7 (0.4)	0.5 (0.4)	0.5 (0.4)	0.3 (0.4)	0.5 (0.6)	0.6 (0.4)
rendement en arachide (kg/ha)	798.5 (744.9)	651.3 (657.2)	310.4 (180.4)	482.0 (437.8)	799.7 (693.7)	521.9 (667.2)	1,167.2 (869.6)	458.1 (278.0)	723.1 (817.0)	880.4 (723.6)

<sup>1</sup> %; Mean (SD)

## 4.5. Safou

Sur les 1422 exploitations enquêtées, 484 produisent du safou.

Table 14: Production de safou (les exploitations ne produisant pas de safou ne sont pas inclues dans les calculs de productions moyennes et de revenus moyens)

Variable	Overall N = 484	Bouenza N = 49	Cuvette N = 53	Cuvette- Ouest N = 50	Kouilou N = 43	Lékoumou N = 48	Likouala N = 5	Niari N = 103	Plateaux N = 77	Pool N = 47	Sangha N = 9
plants auto-produits	75%	51%	62%	54%	79%	100%	80%	90%	78%	74%	67%
plants provenant d'un voisin	18%	59%	9.4%	0%	16%	0%	20%	8.7%	19%	34%	33%
plants provenant d'un magasin	1.4%	2.0%	0%	0%	4.7%	0%	0%	0%	1.3%	6.4%	0%
plants provenant d'une pépinière	20%	14%	43%	46%	56%	0%	20%	11%	1.3%	11%	11%
plants provenant d'une ONG/d'un projet	0.2%	0%	1.9%	0%	0%	0%	0%	0%	0%	0%	0%
plants provenant d'un partenaire privé	0.8%	0%	1.9%	0%	2.3%	0%	0%	0%	1.3%	2.1%	0%
plants provenant d'un partenaire publique	0.4%	2.0%	0%	0%	0%	0%	0%	0%	1.3%	0%	0%
âge maximum des arbres	25.5 (18.3)	21.7 (24.1)	38.7 (19.2)	32.8 (21.1)	14.9 (8.6)	26.0 (16.0)	21.4 (16.0)	24.5 (11.9)	21.5 (11.4)	27.2 (25.9)	13.7 (11.0)
âge minimum des arbres	6.3 (9.4)	4.7 (6.4)	12.9 (17.4)	10.7 (14.8)	2.8 (2.2)	4.2 (4.0)	11.4 (13.1)	4.9 (5.5)	6.4 (5.5)	4.4 (7.5)	3.3 (2.6)
part de safou autoconsommée (%)	42.3 (35.3)	50.2 (34.4)	50.6 (37.2)	57.8 (40.2)	54.4 (29.9)	17.3 (14.7)	58.0 (37.0)	31.2 (29.3)	35.9 (38.8)	52.2 (32.2)	62.2 (39.3)
part de safou vendue (%)	57.7 (35.3)	49.8 (34.4)	49.4 (37.2)	42.2 (40.2)	45.6 (29.9)	82.7 (14.7)	42.0 (37.0)	68.8 (29.3)	64.1 (38.8)	47.8 (32.2)	37.8 (39.3)
production totale de safou (kg)	690.6 (1,821.2)	467.9 (540.5)	654.3 (908.2)	673.6 (564.3)	1,094.6 (1,242.1)	641.4 (612.1)	213.3 (179.8)	667.8 (939.1)	317.8 (334.7)	1,462.9 (5,494.7)	1,155.9 (1,249.8)
revenus totaux du safou (XAF/an)	195,509.9 (748,571.2)	232,806.5 (714,593.4)	152,160.7 (230,767.4)	81,178.6 (77,085.8)	419,533.3 (459,025.0)	209,011.1 (252,420.9)	38,333.3 (29,297.3)	126,698.6 (133,715.7)	77,222.2 (83,661.9)	576,285.7 (2,260,897.7)	103,333.3 (21,832.7)

<sup>1</sup> %; Mean (SD)

## 4.6. Cacao

Sur les 1422 exploitations enquêtées, 39 produisent du cacao

Table 15: Production de cacao

Variable	Overall N = 39	Cuvette N = 5	Cuvette- Ouest N = 4	Likouala N = 11	Niari N = 3	Sangha N = 16
plants auto-produits	69%	80%	50%	73%	100%	63%
plants provenant d'un voisin	15%	0%	0%	36%	0%	13%
plants provenant d'un magasin	2.6%	0%	25%	0%	0%	0%
plants provenant d'une pépinière	33%	40%	25%	45%	0%	31%
plants provenant d'une ONG/d'un projet	33%	0%	0%	36%	0%	56%
plants provenant d'un partenaire privé	5.1%	0%	25%	0%	0%	6.3%
âge maximum des arbres	15.5 (20.6)	26.8 (27.6)	28.8 (47.6)	8.9 (12.3)	32.3 (22.5)	10.1 (6.6)
âge minimum des arbres	5.8 (11.1)	18.6 (24.6)	2.8 (2.1)	4.3 (10.2)	8.7 (7.1)	3.1 (2.2)
nombre de tailles						
1 fois	7.7%	20%	25%	0%	33%	0%
2 fois	36%	0%	0%	45%	33%	50%
3 fois	15%	0%	0%	9.1%	33%	25%
4 fois	10%	0%	0%	18%	0%	13%
Pas de taille	31%	80%	75%	27%	0%	13%
volume de cacao produit (kg/an)	251.3 (518.1)	20.0 (44.7)	25.0 (50.0)	272.2 (750.4)	133.3 (57.7)	387.8 (498.6)
lieu de vente du cacao						
A la ville (capitale, chef lieu)	13%	0%	0%	18%	33%	13%
Au village	74%	100%	100%	73%	67%	63%
Les deux	13%	0%	0%	9.1%	0%	25%
vente à des clients sur le marché	49%	0%	0%	82%	33%	56%
vente à un transforma- teur/restaurateur	5.1%	0%	0%	9.1%	33%	0%
vente à une grossiste	28%	0%	0%	27%	0%	50%
vente à un groupe industriel	2.6%	0%	0%	0%	0%	6.3%
vente à un entrepreneur	15%	0%	0%	18%	0%	25%
revenus totaux du cacao (XAF/an)	497,700.0 (960,850.1)	6,000.0 (13,416.4)	7,500.0 (15,000.0)	233,890.9 (578,869.5)	53,333.3 (50,332.2)	1,038,593.8 (1,252,104.2)

<sup>1</sup> %; Mean (SD)

#### **4.7. Café**

Sur les 1422 exploitations enquêtées, 14 produisent du café

Table 16: Production de café

Variable	Overall N = 14	Lékoumou N = 8	Likouala N = 1	Niari N = 4	Plateaux N = 1
plants auto-produits	93%	100%	100%	75%	100%
plants provenant d'un voisin	7.1%	0%	0%	25%	0%
plants provenant d'une ONG/d'un projet	7.1%	0%	100%	0%	0%
âge maximum des arbres	30.3 (16.7)	37.3 (15.4)	1.0 (NA)	23.8 (13.8)	30.0 (NA)
âge minimum des arbres	7.0 (5.8)	5.0 (5.5)	1.0 (NA)	10.5 (4.2)	15.0 (NA)
volume de café produit (kg/an)	76.2 (84.8)	104.6 (97.4)	0.0 (NA)	32.5 (47.2)	100.0 (NA)
lieu de vente du café					
Au village	93%	100%	0%	100%	100%
Les deux	7.1%	0%	100%	0%	0%
vente à des clients sur le marché	29%	13%	100%	25%	100%
vente à un transformateur/restaurateur	7.1%	0%	0%	25%	0%
vente à une grossiste	50%	88%	0%	0%	0%
vente à un groupe industriel	7.1%	0%	0%	25%	0%
revenus totaux du café (XAF/an)	37,392.9 (38,307.0)	57,875.0 (38,721.3)	0.0 (NA)	8,875.0 (11,834.8)	25,000.0 (NA)

<sup>1</sup> %; Mean (SD)

## 4.8. Plantain

Sur les 1422 exploitations enquêtées, 439 produisent du plantain

Table 17: Production de plantain (les champs ne produisant pas de plantain ne sont pas inclus dans les calculs de productions moyennes, de revenus moyens et de rendements moyens)

Variable	Overall N = 439	Bouenza N = 51	Cuvette N = 48	Cuvette- Ouest N = 49	Kouilou N = 43	Lékoumou N = 66	Likouala N = 17	Niari N = 76	Plateaux N = 38	Pool N = 21	Sangha N = 30
part de plantain autoconsommée (%)	37.4 (33.1)	33.4 (27.1)	61.5 (37.0)	34.1 (34.0)	52.2 (33.1)	14.8 (14.9)	62.3 (25.3)	24.9 (25.3)	34.0 (38.2)	57.8 (30.8)	46.3 (30.3)
part de plantain vendue (%)	62.6 (33.1)	66.6 (27.1)	38.5 (37.0)	65.9 (34.0)	47.8 (33.1)	85.2 (14.9)	37.7 (25.3)	75.1 (25.3)	66.0 (38.2)	42.2 (30.8)	53.7 (30.3)
production totale de plantain (kg/an)	2,088.7 (4,273.3)	4,920.5 (7,954.1)	586.8 (626.6)	1,748.4 (3,663.0)	1,969.7 (2,991.2)	2,179.0 (3,984.4)	1,110.2 (1,835.8)	1,964.7 (2,934.8)	1,348.4 (4,300.8)	1,293.7 (3,831.5)	1,770.3 (1,762.5)
revenus totaux du plantain (XAF/an)	184,514.4 (413,013.5)	454,119.0 (737,067.0)	87,379.3 (143,046.5)	101,727.3 (162,300.9)	267,625.0 (426,382.7)	193,586.2 (411,384.6)	19,011.8 (15,791.0)	202,598.2 (382,720.7)	155,625.0 (480,367.3)	61,968.8 (122,000.6)	109,300.0 (190,783.4)
surface cultivée en plantain (ha)	0.4 (0.6)	0.6 (0.9)	0.1 (0.2)	0.4 (0.4)	0.4 (0.4)	0.3 (0.4)	0.8 (0.8)	0.3 (0.5)	0.2 (0.4)	0.0 (0.1)	0.8 (1.2)
rendement en plantain (kg/ha)	4,042.6 (4,323.8)	5,675.7 (4,805.0)	6,720.1 (5,949.0)	3,854.1 (3,840.7)	4,991.3 (5,610.6)	3,504.7 (2,980.5)	2,276.5 (3,709.4)	3,129.2 (3,392.3)	4,215.1 (5,426.4)	2,625.0 (NA)	2,965.1 (3,871.5)

<sup>1</sup> Mean (SD)



#### **4.9. Palmier**

Sur les 1422 exploitations enquêtées, 201 cultivent le palmier

Table 18: Production de palmier (les exploitations ne produisant pas de noix ou d'huile ne sont pas incluses dans les calculs de productions moyennes et de revenus moyens)

Variable	Overall N = 201	Bouenza N = 10	Cuvette N = 51	Cuvette- Ouest N = 49	Kouilou N = 5	Lékoumou N = 11	Niari N = 35	Plateaux N = 30	Pool N = 10
plants auto-produits	85%	30%	94%	86%	40%	82%	97%	90%	60%
plants provenant d'un voisin	6.5%	50%	0%	2.0%	40%	0%	0%	13%	10%
plants provenant d'un magasin	1.0%	10%	0%	0%	0%	0%	0%	0%	10%
plants provenant d'une pépinière	19%	0%	27%	41%	20%	0%	2.9%	0%	20%
plants provenant d'une ONG/d'un projet	0.5%	0%	0%	0%	20%	0%	0%	0%	0%
plants provenant d'un partenaire privé	1.0%	0%	0%	0%	0%	0%	2.9%	0%	10%
plants provenant d'un partenaire publique	1.5%	10%	0%	0%	0%	18%	0%	0%	0%
âge maximum des arbres	32.2 (29.7)	22.3 (13.4)	40.7 (22.5)	35.7 (24.1)	10.2 (9.0)	34.5 (14.9)	26.5 (13.6)	28.0 (55.7)	23.3 (36.9)
âge minimum des arbres	7.2 (8.4)	14.2 (9.3)	11.0 (12.6)	7.6 (6.5)	4.4 (4.0)	6.2 (5.8)	5.2 (2.9)	2.4 (2.9)	2.7 (2.4)
part de produits du palmier autoconsommée (%)	67.1 (38.9)	50.0 (32.7)	82.4 (32.1)	79.0 (33.1)	46.0 (49.3)	25.5 (31.1)	26.6 (27.2)	89.0 (25.3)	80.6 (33.2)
part de produits du palmier vendue (%)	69.5 (27.7)	65.0 (32.4)	74.6 (24.8)	69.4 (29.9)	66.0 (36.5)	67.5 (30.4)	72.1 (20.4)	66.7 (27.3)	50.8 (39.8)
vente des produits du palmier sous forme de noix	70%	75%	50%	43%	100%	70%	94%	67%	67%
vente des produits du palmier sous forme d'huile	41%	38%	64%	81%	0%	70%	3.1%	33%	33%
Utilisation d'une presse									
Non	86%	70%	100%	98%	100%	36%	66%	90%	80%
Oui	14%	30%	0%	2.0%	0%	64%	34%	10%	20%
si utilisation d'une presse, status de cette presse									
Location	18%	0%	NA%	0%	NA%	0%	42%	0%	0%
Prestation de services	14%	33%	NA%	100%	NA%	14%	8.3%	0%	0%
Propriété	46%	67%	NA%	0%	NA%	14%	42%	100%	100%
Propriété en commun	21%	0%	NA%	0%	NA%	71%	8.3%	0%	0%
surface cultivée en palmier (ha)	1.8 (1.7)	2.1 (3.7)	1.1 (0.8)	1.9 (1.4)	1.5 (1.1)	2.2 (1.5)	1.9 (1.5)	2.3 (2.0)	2.1 (2.0)
production totale de palmier (kg/an)	13,702.1 (119,763.2)	145.2 (183.5)	85,710.3 (308,095.2)	1,341.8 (5,589.5)	180.6 (239.6)	1,668.4 (2,064.9)	530.4 (540.2)	301.3 (314.3)	1,681.3 (1,582.2)
revenus totaux du palmier (XAF/an)	8,518,795.5 (79,490,355.6)	43,985.7 (54,883.2)	57,793,192.3 (207,982,348.9)	56,900.0 (87,284.4)	61,000.0 (83,438.6)	377,400.0 (607,773.9)	35,035.7 (49,585.1)	15,800.0 (11,405.0)	134,166.7 (41,256.3)

<sup>1</sup> %; Mean (SD)

## 5. Elevage et pisciculture

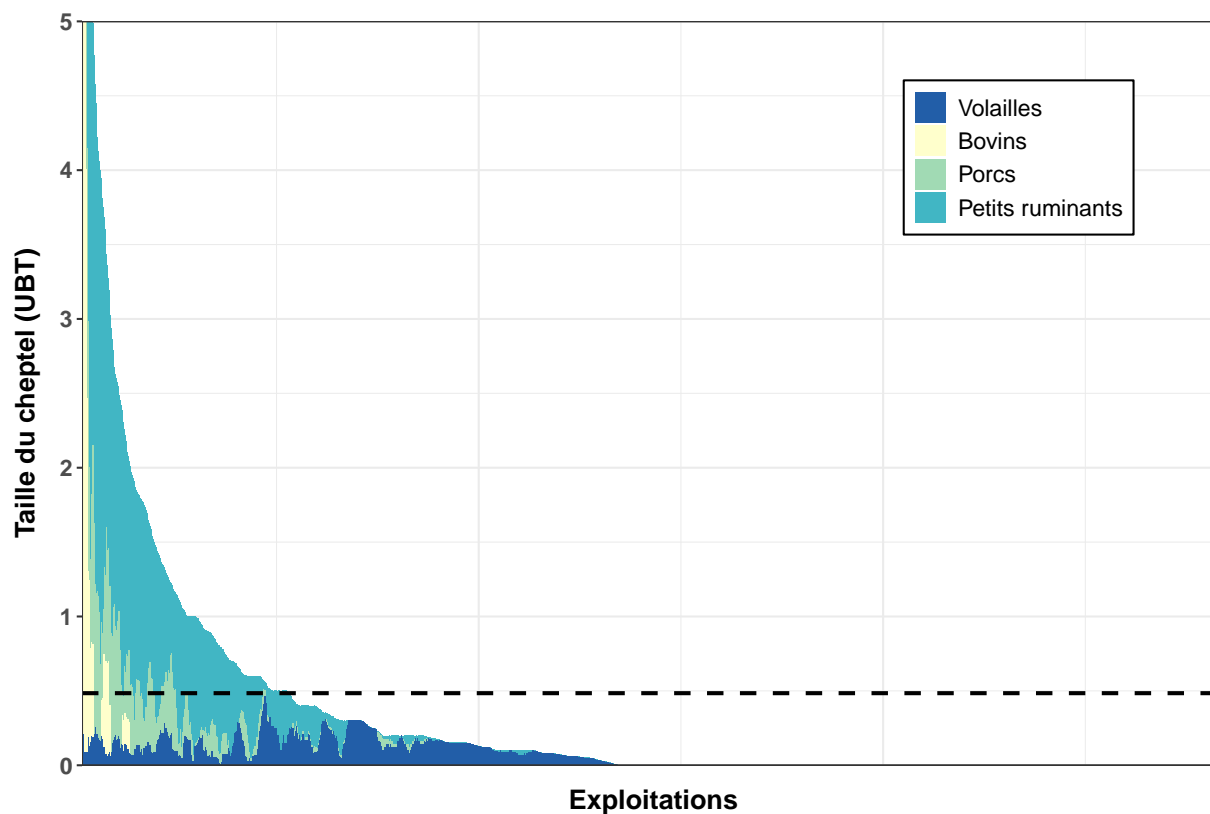


Figure 6: Composition du cheptel (les exploitations ont été classées par taille de troupeau décroissante, et une moyenne moyenne mobile a été appliquée à des sous-ensembles de 10 exploitations pour lisser les courbes et faciliter leur interprétation. La ligne en pointillés représente la taille moyenne du foyer pour l'échantillon total. Pour une meilleure visibilité, l'axe des y a été plafonné à 5)

Table 19: Bétail possédé

Variable	Overall N = 1,422	Bouenza N = 191	Cuvette N = 102	Cuvette- Ouest N = 71	Kouilou N = 124	Lékoumou N = 107	Likouala N = 71	Niari N = 255	Plateaux N = 200	Pool N = 243	Sangha N = 58
Possession de bovins	0.8%	1.6%	1.0%	1.4%	0%	0%	1.4%	1.2%	0%	1.2%	0%
Possession de porcs	5.7%	4.2%	0%	0%	5.6%	4.7%	17%	9.8%	4.0%	5.8%	3.4%
Possession de petits ruminants	18%	21%	7.8%	20%	13%	44%	17%	27%	16%	5.3%	3.4%
Possession de volailles	33%	27%	30%	37%	31%	39%	24%	35%	50%	30%	10%
Nb de bovins, pour les expl. en possédant	24.4 (22.2)	22.3 (4.5)	5.0 (NA)	42.0 (NA)	NA (NA)	NA (NA)	9.0 (NA)	4.7 (2.1)	NA (NA)	52.0 (22.1)	NA (NA)
Nb de porcs, pour les expl. en possédant	5.4 (6.8)	2.5 (1.8)	NA (NA)	NA (NA)	2.4 (1.9)	6.8 (7.5)	11.5 (11.8)	4.2 (3.5)	3.8 (2.1)	3.2 (2.6)	23.5 (9.2)
Nb de petits ruminants, pour les expl. en possédant	12.0 (15.6)	11.0 (21.4)	5.0 (1.3)	9.3 (11.0)	5.9 (4.6)	13.1 (11.6)	20.8 (22.2)	11.2 (13.3)	12.8 (13.6)	19.6 (26.8)	12.0 (8.5)
Nb de volailles, pour les expl. en possédant	19.5 (16.6)	17.3 (12.4)	18.8 (23.6)	17.3 (19.3)	17.3 (14.0)	24.2 (12.4)	27.4 (18.5)	25.1 (16.8)	12.4 (9.7)	21.4 (21.0)	19.3 (7.0)
Utilisation d'alimentation d'appoint pour le bétail	4.0%	1.6%	2.0%	1.4%	6.5%	2.8%	9.9%	3.1%	5.0%	5.3%	3.4%
Possession d'un ou plusieurs étangs	0.6%	0%	0%	0%	0.8%	0.9%	0%	1.6%	0%	1.2%	0%

<sup>1</sup> %; Mean (SD)

Table 20: Dynamique du troupeau

Variable	Overall N = 1,422	Bouenza N = 191	Cuvette N = 102	Cuvette- Ouest N = 71	Kouilou N = 124	Lékoumou N = 107	Likouala N = 71	Niari N = 255	Plateaux N = 200	Pool N = 243	Sangha N = 58
Stock (UBT)	0.5 (2.4)	0.5 (2.2)	0.1 (0.4)	0.7 (3.5)	0.2 (0.3)	0.7 (1.1)	0.9 (1.9)	0.5 (1.1)	0.3 (0.8)	0.7 (4.6)	0.2 (1.0)
Abattage pour consommation (UBT/an)	0.0 (0.2)	0.1 (0.2)	0.0 (0.0)	0.1 (0.4)	0.0 (0.1)	0.1 (0.1)	0.1 (0.2)	0.1 (0.2)	0.0 (0.1)	0.1 (0.3)	0.0 (0.0)
Ventes (UBT/an)	0.1 (0.6)	0.1 (0.4)	0.1 (0.4)	0.1 (0.4)	0.1 (0.4)	0.2 (0.3)	0.1 (0.3)	0.2 (0.6)	0.1 (0.2)	0.1 (1.0)	0.0 (0.0)
Mortalité (UBT/an)	0.1 (0.4)	0.0 (0.3)	0.1 (0.7)	0.1 (0.2)	0.0 (0.2)	0.2 (0.6)	0.1 (0.3)	0.1 (0.5)	0.0 (0.2)	0.0 (0.2)	0.1 (0.8)
Entrées (naissances et achats, UBT/an)	0.2 (0.7)	0.2 (0.6)	0.0 (0.1)	0.1 (0.5)	0.1 (0.4)	0.6 (1.3)	0.3 (0.8)	0.3 (0.9)	0.1 (0.5)	0.2 (0.7)	0.1 (0.3)

<sup>1</sup> Mean (SD)

## 6. Utilisation de ressources naturelles

Table 21: Utilisation de ressources naturelles

Ressources utilisées	Overall N = 1,422	Bouenza N = 191	Cuvette N = 102	Cuvette- Ouest N = 71	Kouilou N = 124	Lékoumou N = 107	Likouala N = 71	Niari N = 255	Plateaux N = 200	Pool N = 243	Sangha N = 58
chasse	26%	15%	42%	59%	19%	38%	21%	28%	28%	11%	48%
peche	43%	34%	69%	41%	35%	40%	75%	55%	38%	29%	43%
charbon	9.0%	2.1%	4.9%	0%	23%	9.3%	0%	8.6%	12%	14%	1.7%
miel	14%	12%	5.9%	2.8%	0%	49%	17%	22%	0%	15%	21%
fruits	37%	29%	15%	15%	9.7%	48%	46%	35%	65%	43%	33%
feuilles	57%	39%	50%	76%	62%	74%	73%	64%	64%	40%	50%
asperges	40%	39%	4.9%	59%	0.8%	69%	24%	40%	54%	53%	26%
rotins	0.5%	0%	0%	0%	0%	3.7%	0%	0.4%	0.5%	0.4%	0%
ecorces	11%	0.5%	2.0%	0%	3.2%	34%	9.9%	15%	26%	1.6%	19%
poivre	1.1%	0%	0%	0%	0%	3.7%	5.6%	0.8%	0%	0%	8.6%
seve	9.6%	3.1%	11%	1.4%	0%	47%	1.4%	9.0%	3.5%	15%	1.7%
noix	26%	40%	2.0%	1.4%	9.7%	52%	0%	33%	11%	43%	12%
chenilles	22%	11%	1.0%	0%	1.6%	50%	25%	16%	32%	42%	17%
champignons	43%	45%	3.9%	1.4%	25%	64%	24%	58%	49%	61%	17%

<sup>1</sup> %

## 7. Revenus

Table 22: Revenus

Source de revenus	Overall N = 1,422	Bouenza N = 191	Cuvette N = 102	Cuvette- Ouest N = 71	Kouilou N = 124	Lékoumou N = 107	Likouala N = 71	Niari N = 255	Plateaux N = 200	Pool N = 243	Sangha N = 58
Revenus agricoles (XAF/an)	488,992.2 (974,173.5)	642,617.8 (1,475,588.4)	339,225.5 (838,114.8)	552,950.7 (892,735.1)	253,911.3 (558,414.0)	866,864.5 (738,009.7)	360,042.3 (451,163.2)	564,388.2 (1,187,265.6)	345,045.5 (541,373.5)	397,415.1 (890,371.3)	672,172.4 (925,790.4)
Revenus liés aux ressources naturelles (XAF/an)	89,389.3 (294,123.1)	3,874.3 (25,187.0)	384,069.3 (592,746.1)	313,119.7 (519,671.0)	56,016.3 (278,734.7)	125,604.8 (241,811.4)	131,985.9 (204,965.2)	51,485.9 (194,770.3)	9,375.0 (56,490.5)	25,962.2 (134,434.3)	230,862.1 (536,588.6)
Revenus autres (XAF/an)	9,315.6 (144,076.0)	2,801.0 (21,487.6)	13,774.5 (66,761.9)	80,281.7 (595,427.7)	2,016.1 (22,450.7)	6,682.2 (58,716.4)	2,496.0 (8,700.0)	4,462.7 (49,103.6)	3,000.0 (42,426.4)	9,159.7 (91,781.1)	8,620.7 (65,653.2)
Revenus totaux (XAF/an)	641,122.1 (1,078,016.5)	682,007.4 (1,486,936.7)	890,708.6 (1,169,703.9)	1,104,380.3 (1,253,702.1)	350,203.3 (807,220.1)	1,061,076.2 (780,405.6)	519,383.3 (567,746.6)	619,253.0 (1,177,324.1)	443,840.5 (790,911.1)	468,936.1 (910,861.4)	987,603.4 (1,057,783.4)

<sup>1</sup> Mean (SD)

## 8. Main d'oeuvre

Table 23: Main d'oeuvre utilisée en agriculture

Variables	Overall N = 1,422	Bouenza N = 191	Cuvette N = 102	Cuvette- Ouest N = 71	Kouilou N = 124	Lékoumou N = 107	Likouala N = 71	Niari N = 255	Plateaux N = 200	Pool N = 243	Sangha N = 58
Organisation en système d'entraide	48%	62%	40%	70%	48%	45%	34%	58%	40%	37%	34%
Utilisation de main d'oeuvre extérieure	76%	92%	50%	72%	84%	90%	76%	90%	50%	77%	67%
Utilisation de main d'oeuvre extérieure pour la défriche	86%	84%	63%	69%	96%	100%	78%	99%	73%	81%	91%
Utilisation de main d'oeuvre extérieure pour la préparation du terrain	80%	86%	87%	90%	60%	98%	78%	97%	25%	89%	89%
Utilisation de main d'oeuvre extérieure pour le semis	63%	88%	33%	20%	36%	87%	34%	77%	40%	77%	40%
Utilisation de main d'oeuvre extérieure pour le sarclage	67%	79%	16%	5.1%	55%	98%	84%	82%	41%	77%	78%
Utilisation de main d'oeuvre extérieure pour la récolte	42%	63%	7.5%	1.7%	18%	81%	43%	65%	9.9%	38%	29%
Utilisation de main d'oeuvre extérieure pour le transport	18%	21%	4.5%	1.7%	8.8%	54%	22%	25%	2.3%	12%	27%
Utilisation de main d'oeuvre extérieure pour la transformation	4.9%	6.2%	1.5%	0%	5.3%	0%	0%	14%	2.3%	1.5%	0%

<sup>1</sup> %

## 9. Dynamique

Table 24: Dynamique

Variables	Overall N = 1,422	Bouenza N = 191	Cuvette N = 102	Cuvette- Ouest N = 71	Kouilou N = 124	Lékoumou N = 107	Likouala N = 71	Niari N = 255	Plateaux N = 200	Pool N = 243	Sangha N = 58
Evolution des surfaces cultivées les 10 dernières années											
Augmenté	41%	43%	40%	45%	53%	31%	44%	51%	28%	41%	26%
Réduit	21%	28%	22%	18%	8.1%	31%	27%	27%	7.0%	20%	21%
Stable	38%	29%	38%	37%	39%	38%	30%	22%	66%	39%	53%
Project d'agrandir les surfaces cultivées les 5 prochaines années	73%	67%	62%	52%	70%	54%	96%	76%	90%	70%	97%
Pensez-vous que votre exploitation sera reprise?											
Ne sais pas	38%	41%	23%	20%	44%	34%	49%	31%	66%	26%	53%
Non	16%	12%	40%	34%	20%	2.8%	8.5%	13%	6.0%	22%	12%
Oui	46%	47%	37%	46%	35%	64%	42%	56%	28%	52%	34%

<sup>1</sup> %



## 10. Equipements agricoles et de transport

Table 25: Equipements utilisés

Equipement	Overall N = 1,422	Bouenza N = 191	Cuvette N = 102	Cuvette- Ouest N = 71	Kouilou N = 124	Lékoumou N = 107	Likouala N = 71	Niari N = 255	Plateaux N = 200	Pool N = 243	Sangha N = 58
Tracteur	13%	35%	0%	2.8%	0.8%	0%	1.4%	2.7%	26%	22%	1.7%
Motoculteur	0.2%	1.6%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Charrue	2.0%	1.0%	0%	0%	0%	0%	0%	0%	5.0%	6.6%	0%
Herse	1.1%	0.5%	0%	0%	1.6%	0%	0%	0%	0%	4.9%	0%
Butteuse	<0.1%	0%	0%	0%	0%	0%	0%	0%	0%	0.4%	0%
Motopompe	1.3%	1.6%	2.0%	1.4%	0.8%	0%	0%	3.5%	0%	0.8%	0%
Tronçonneuse	12%	1.6%	5.9%	13%	27%	36%	4.2%	20%	0%	2.9%	29%
Pulverisateur	2.7%	3.7%	0%	1.4%	0%	0%	8.5%	3.5%	2.5%	4.1%	0%
Voiture	67%	78%	45%	58%	70%	66%	2.8%	75%	80%	84%	1.7%
Kavaki	13%	32%	8.8%	2.8%	4.8%	9.3%	30%	17%	1.5%	1.6%	33%
Moto	40%	41%	60%	76%	7.3%	75%	21%	35%	57%	25%	12%
Brouette	9.3%	5.8%	31%	21%	0.8%	0.9%	13%	2.4%	18%	7.0%	8.6%
Vélo	0.6%	0%	1.0%	0%	0%	1.9%	1.4%	0%	2.0%	0%	1.7%

<sup>1</sup> %

Table 26: Equipements en propriété

Equipement	Overall N = 1,422	Bouenza N = 191	Cuvette N = 102	Cuvette- Ouest N = 71	Kouilou N = 124	Lékoumou N = 107	Likouala N = 71	Niari N = 255	Plateaux N = 200	Pool N = 243	Sangha N = 58
Tracteur	0.3%	0%	0%	0%	0.8%	0%	0%	0.4%	0%	0.8%	0%
Motopompe	0.8%	1.0%	0%	0%	0%	0%	0%	2.7%	0.5%	0.4%	0%
Batteuse	<0.1%	0%	0%	0%	0%	0%	0%	0%	0.5%	0%	0%
Tronçonneuse	1.1%	0.5%	2.0%	1.4%	2.4%	2.8%	0%	1.6%	0%	0.4%	1.7%
Pulvérisateur	12%	28%	0%	1.4%	31%	0%	8.5%	13%	16%	4.5%	0%
Voiture	0.3%	0%	0%	0%	0.8%	0%	0%	0%	0%	1.2%	0%
Kavaki	1.1%	1.6%	2.0%	0%	0%	2.8%	4.2%	0.4%	0%	0%	5.2%
Moto	9.4%	12%	12%	13%	0.8%	5.6%	8.5%	13%	14%	5.3%	6.9%
Brouette	7.7%	4.7%	25%	15%	0%	0.9%	8.5%	1.6%	18%	5.8%	6.9%
Vélo	0.5%	0.5%	1.0%	0%	0%	0%	1.4%	0%	2.0%	0%	0%

<sup>1</sup> %

## 11. Environnement socio-economique

Table 27: Groupements

Variables	Overall N = 1,422	Bouenza N = 191	Cuvette N = 102	Cuvette- Ouest N = 71	Kouilou N = 124	Lékoumou N = 107	Likouala N = 71	Niari N = 255	Plateaux N = 200	Pool N = 243	Sangha N = 58
Membre d'un groupement	19%	25%	12%	20%	12%	37%	5.6%	24%	16%	19%	6.9%
Groupement avec agrément											
Non	50%	38%	67%	79%	80%	53%	25%	71%	32%	23%	50%
Oui	50%	63%	33%	21%	20%	48%	75%	29%	68%	77%	50%
Nature du groupement											
Groupement féminin	11%	8.3%	58%	14%	20%	5.0%	0%	16%	3.2%	2.1%	0%
Groupement masculin	3.6%	6.3%	0%	0%	6.7%	0%	0%	4.8%	0%	4.3%	25%
Groupement mixte	85%	85%	42%	86%	73%	95%	100%	77%	97%	94%	50%
(Homme/Femme)											
Ménage agricole	0.7%	0%	0%	0%	0%	0%	0%	1.6%	0%	0%	25%
Objectif: accès aux intrants et petits équipements	5.4%	2.1%	0%	0%	0%	20%	0%	1.6%	6.5%	6.4%	0%
Objectif: accès à la mécanisation	1.4%	0%	0%	7.1%	0%	0%	0%	1.6%	3.2%	2.1%	0%
Objectif: entraide	47%	54%	17%	36%	87%	48%	0%	55%	0%	64%	0%
Objectif: formation et partage des savoirs	4.7%	4.2%	0%	21%	13%	13%	0%	1.6%	0%	0%	0%
Objectif: transformation	2.9%	4.2%	17%	0%	0%	0%	0%	3.2%	0%	4.3%	0%
Objectif: commercialisation	12%	19%	8.3%	0%	0%	25%	0%	9.7%	19%	4.3%	0%
Objectif: bénéficier d'aides de projets	16%	4.2%	0%	21%	20%	50%	0%	16%	9.7%	8.5%	0%
Objectif: production agricole	85%	88%	92%	86%	40%	100%	100%	77%	94%	83%	100%
Objectif: transport	0.4%	2.1%	0%	0%	0%	0%	0%	0%	0%	0%	0%

<sup>1</sup> %

Table 28: Contrats

Variables	Overall N = 1,422	Bouenza N = 191	Cuvette N = 102	Cuvette- Ouest N = 71	Kouilou N = 124	Lékoumou N = 107	Likouala N = 71	Niari N = 255	Plateaux N = 200	Pool N = 243	Sangha N = 58
Contrat avec acheteurs?	11%	7.9%	13%	18%	9.7%	17%	13%	7.8%	8.0%	13%	10%
Contrat sur maïs	14%	13%	23%	7.7%	8.3%	17%	44%	10%	0%	13%	17%
Contrat sur arachide	14%	33%	0%	0%	17%	17%	33%	25%	0%	9.4%	17%
Contrat sur cacao	3.2%	0%	0%	0%	0%	0%	22%	0%	0%	0%	50%
Contrat sur safou	11%	13%	23%	15%	0%	5.6%	0%	25%	0%	9.4%	17%
Contrat sur plantain	11%	13%	0%	15%	8.3%	22%	0%	35%	6.3%	0%	0%
Contrat sur palmier	1.3%	0%	0%	7.7%	0%	0%	0%	0%	0%	3.1%	0%
Contrat sur cultures maraichères	9.7%	6.7%	15%	0%	8.3%	5.6%	0%	15%	0%	22%	0%
Contrat sur autres annuelles (e.g., sesame)	1.3%	0%	0%	0%	0%	0%	0%	0%	0%	6.3%	0%
Contrat sur autres tubercules	3.2%	6.7%	0%	15%	0%	0%	0%	5.0%	6.3%	0%	0%
Contrat sur autres fruitiers	1.3%	0%	0%	0%	0%	0%	0%	10%	0%	0%	0%
Contrat sur viande d'élevage	1.9%	0%	7.7%	0%	0%	0%	0%	5.0%	0%	3.1%	0%
Contrat sur viande de brousse	2.6%	0%	0%	7.7%	8.3%	0%	0%	10%	0%	0%	0%
Contrat sur poisson	2.6%	0%	0%	0%	0%	0%	0%	5.0%	6.3%	6.3%	0%
Contrat sur produits de la forêt	2.6%	0%	7.7%	7.7%	8.3%	0%	0%	5.0%	0%	0%	0%
Contrat sur manioc	69%	93%	62%	85%	67%	100%	0%	55%	75%	75%	0%
Contrat sur banane	6.5%	6.7%	0%	7.7%	8.3%	5.6%	0%	20%	6.3%	3.1%	0%
Contrat sur pois d'angole	0.6%	6.7%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Contrat sur pastèque	0.6%	0%	0%	0%	0%	0%	0%	0%	0%	3.1%	0%
Contrat sur ananas	5.8%	0%	7.7%	15%	33%	5.6%	0%	0%	0%	3.1%	0%
Nature du contrat											
Contrat formel (écrit et reconnu)	1.9%	6.7%	0%	0%	0%	11%	0%	0%	0%	0%	0%
Contrat informel (oral, non-contraignant)	98%	93%	100%	100%	100%	89%	100%	100%	100%	100%	100%
Accord sur le prix	71%	80%	77%	23%	83%	50%	100%	55%	100%	72%	100%
Accord sur la quantité	54%	93%	23%	77%	42%	39%	0%	80%	38%	69%	0%
Accord sur la qualité	36%	47%	15%	23%	58%	5.6%	0%	75%	31%	47%	0%
Accord sur la fourniture d'intrants	1.9%	13%	0%	0%	0%	0%	0%	0%	0%	3.1%	0%
Accord sur l'itinéraire technique	0.6%	0%	0%	0%	0%	0%	0%	5.0%	0%	0%	0%
Accord sur le délai de paiement	9.7%	6.7%	15%	54%	17%	0%	0%	5.0%	0%	6.3%	0%
Accord sur crédit	5.8%	6.7%	23%	23%	0%	0%	0%	5.0%	0%	3.1%	0%

<sup>1</sup> %

Table 29: Marchés

Variables	Overall N = 1,422	Bouenza N = 191	Cuvette N = 102	Cuvette- Ouest N = 71	Kouilou N = 124	Lékoumou N = 107	Likouala N = 71	Niari N = 255	Plateaux N = 200	Pool N = 243	Sangha N = 58
Vente au village	71%	66%	86%	83%	69%	98%	86%	82%	54%	45%	97%
Vente au goudron	11%	11%	9.8%	0%	4.8%	0%	8.5%	18%	16%	12%	10%
Vente au chef lieu	29%	40%	68%	58%	2.4%	41%	25%	37%	12%	7.6%	28%
Vente à Brazzaville ou Pointe-Noire	42%	59%	2.9%	2.8%	66%	52%	1.4%	26%	43%	82%	0%
Pas de vente	1.2%	1.0%	0%	0%	3.2%	0.9%	1.4%	1.2%	1.0%	1.5%	0%
Distance (km) point de vente préférentiel	666.8 (13,046.2)	93.0 (132.4)	24.2 (21.5)	32.6 (129.1)	70.5 (43.3)	233.5 (203.4)	16.6 (17.6)	44.9 (78.8)	3,344.3 (30,679.4)	106.1 (70.0)	8.1 (7.9)
Pertes de production liées au transport											
Non	59%	75%	64%	63%	63%	29%	36%	63%	70%	45%	46%
Oui	41%	25%	36%	37%	37%	71%	64%	37%	30%	55%	54%

<sup>1</sup> %; Mean (SD)