

Title:

Does climate opportunity facilitate smallholder farmers' adaptive capacity in the Sahel?

By

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Supplementary Information

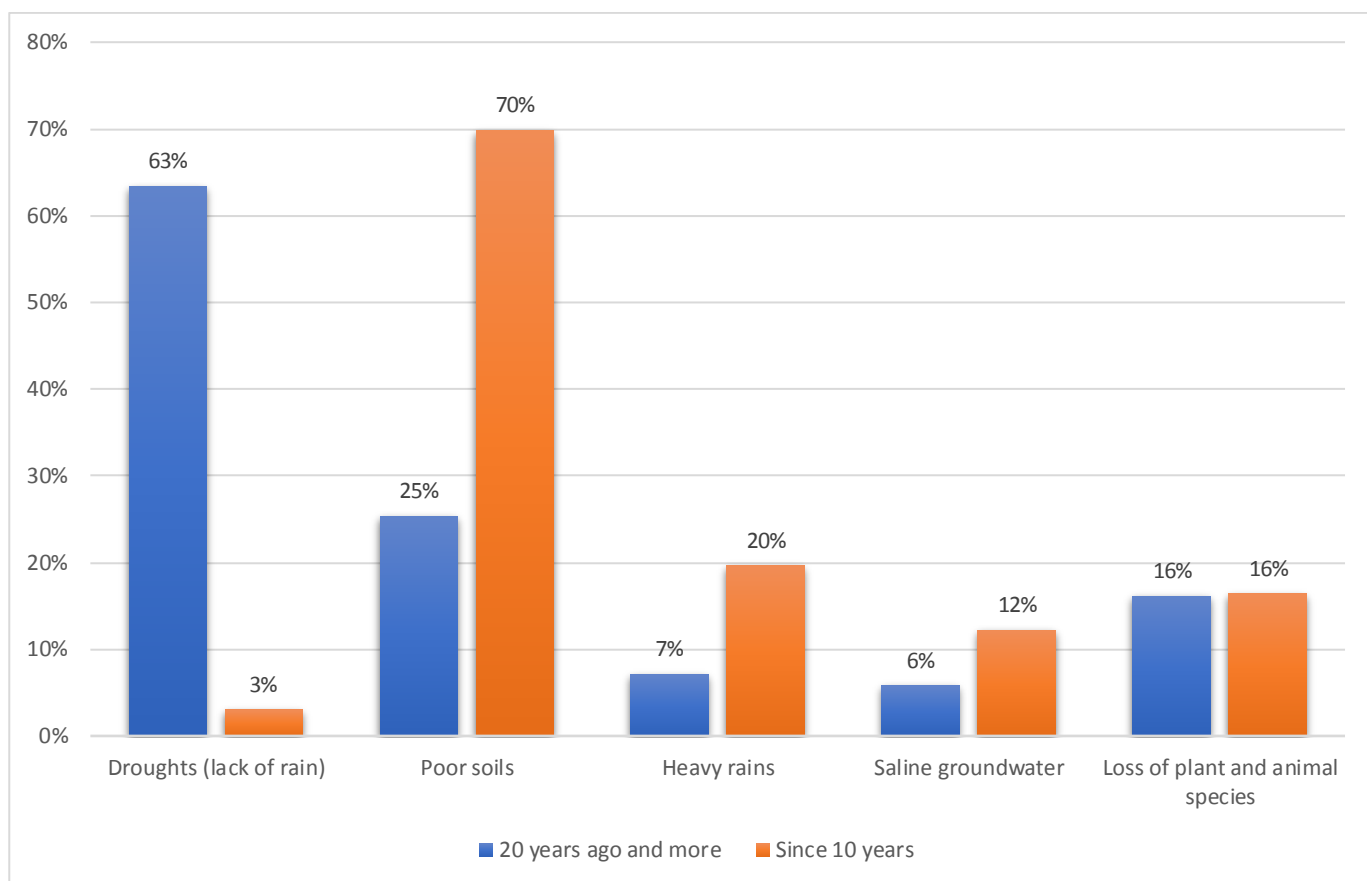


Figure S1: Perceived stress by farmers (ESCAPE questionnaire survey – 2013/14)

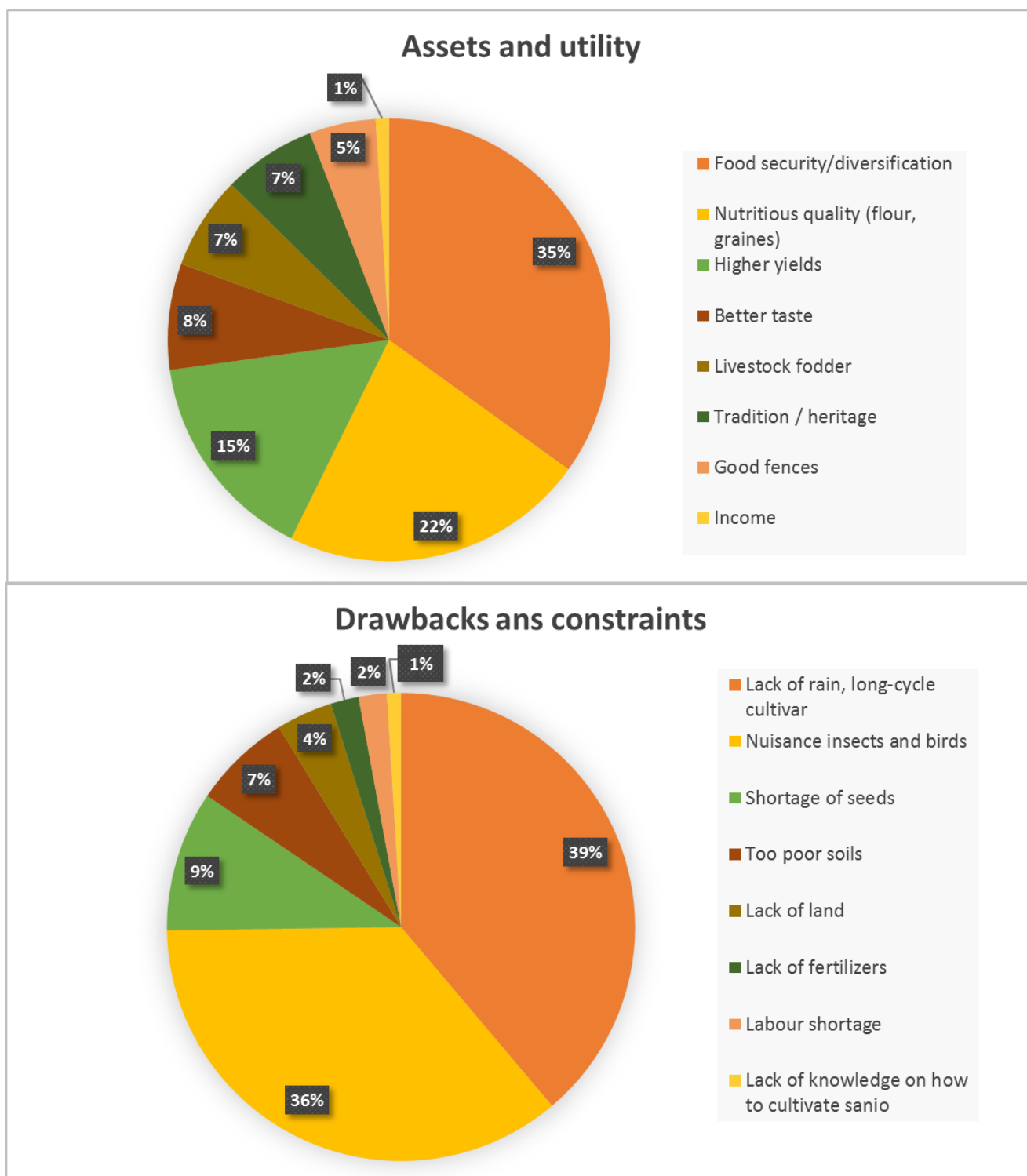


Figure S2: Advantages /disadvantages of sanio millet (ESCAPE questionnaire survey – 2013/14)

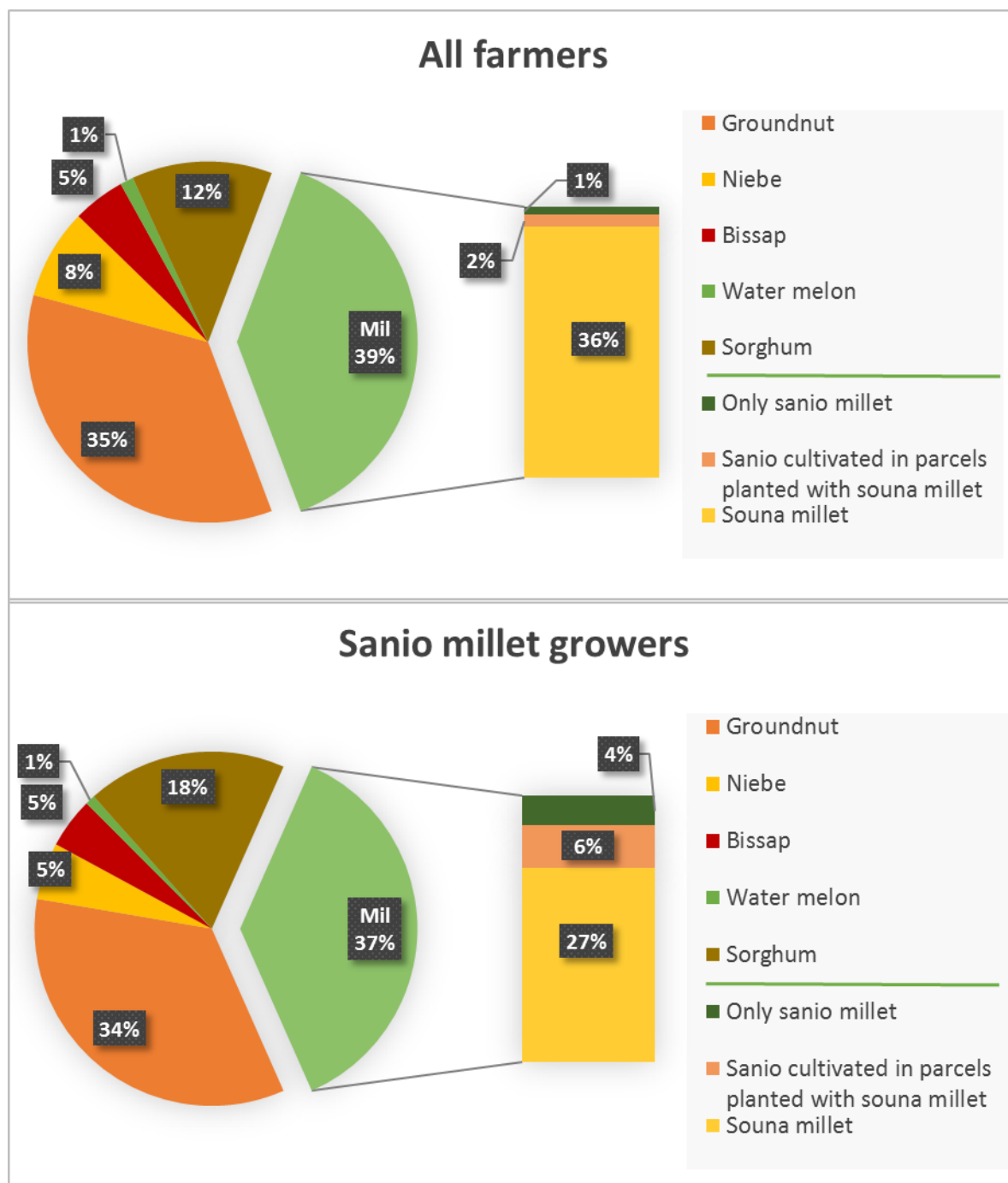


Figure S3: Cropped areas in percent (Escape questionnaire survey – 2013/14)

Table S4 : Analysis of factors associated with sanio cultivation by farmers living in th HDSS-Niakhar. Logistic regression of 1061 farms (ESCAPE questionnaire survey – 2013/14)

	Coef.	OR	Std. Err.	z	P>z	[95% Conf. interval]
Number of observations (total; Yes; No)	(975 ; 200 ; 775)					
The father's farmer already cultivate sanio	1,002	2,72	0,220559	4,54	0,000	0,570 1,434
Sex of household head	-0,890	0,41	0,270229	-3,29	0,001	-1,420 -0,361
Number of adults who came back to the village during the last rainy season	-0,192	0,83	0,090751	-2,12	0,034	-0,370 -0,014
Proportion of active members with non-agricultural income	0,049	1,05	0,028893	1,68	0,092	-0,008 0,105
Proportion of adult household members that manage one or more parcels	-0,100	0,91	0,037553	-2,65	0,008	-0,173 -0,026
The practice of cattle fattening	-0,410	0,66	0,234607	-1,75	0,081	-0,870 0,050
The growing of watermelon	-0,570	0,57	0,324455	-1,76	0,079	-1,206 0,066
Amount of owned land (ha)	0,135	1,14	0,033020	4,08	0,000	0,070 0,200
Number of people able to help with agricultural activities (6 years old and more)	-0,044	0,96	0,023199	-1,89	0,059	-0,089 0,002
Proportion of owned land of sandy-clay soils (<i>Dior</i>)	0,009	1,01	0,003006	2,93	0,003	0,003 0,015
Borrowed land	0,733	2,08	0,180502	4,06	0,000	0,379 1,087
Average time spent in seasonal migration by adult males (15-55 years)	-0,003	1,00	0,001487	-1,95	0,051	-0,006 0,000
Main cat of household members						
Peasant	Ref.					
Noble or warrior	0,551	1,74	0,224226	2,46	0,014	0,112 0,991
Griot	(empty)					
Monetary poverty	0,707	2,03	0,180069	3,93	0,000	0,354 1,060
Constant	-1,848	0,16	0,546021	-3,38	0,001	-2,918 -0,778
Pseudo-R2	0,1061					
Roc curve	0,722					
Hosmer-Lemeshow test (prob value)	0,1511					