

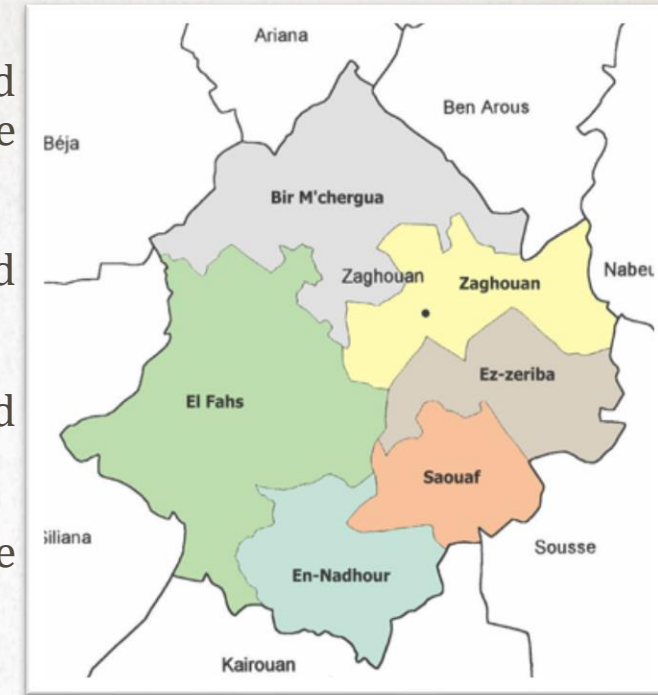
MIND THE GAP – REVIEW AND PLANNING WORKSHOP

Baseline Survey Analysis – Preliminary Findings

Hotel Iberostar Averroes – Hammamet Sud – Tunisia
21-22 February 2018

ZAGHOUAN – Key Indicators

- Total area: 2820 Km² (1.8% of the national area)
- Total Population: 176945 inhabitants (1.6% of national inhabitants) - (Males 49.76% and Females 50.23%) / Rural population: 56.26%; Urban Population: 43.73. Scolarisation rate (95.1%)
- Employed labor force: Agriculture (13.1%), services (37.3%), manufacturing (34.3%) and other sectors (15.3%).
- Agricultural area: 282000 ha including 185000 of arable land and 87000 of rangelands and forests.
- Classified among the semi-arid regions: Cold and temperate winter (mean temperature minimum 4 ° C) and summer hot and dry (average temperature recorded 35 ° C).
- The average precipitation: 450 mm
- Planted area in 2016: Olive trees: **54607** ha; Forage crops: **23788** ha; legumes: **1776** ha; cereals: **70700** ha; vegetables: **3,702** ha; fruit trees: **6,426** ha;
- Irrigated area in 2016: Private: 1688 ha; Public: 8760 ha
- Livestock in 2016-2017: Beef: **23,470** heads; Sheep: **370,260** heads; Goat: **43,740** heads.
- Agricultural production in 2017: Honey: **75.0** tons; Eggs: **87,500** unit; Wool: **286.0** tons; Milk: **24,100** tons; White meat: **4,284** tons; Red meat: **5,655** tons; Olives: **47,425** tons; Forage: **26,110** tons; Legumes: **180** ; Cereals: **19,384** tons; Fruits: **26,869** tons; Vegetables: **139.163** tons.



KAIROUAN – Key Indicators

- Climate : semi-arid to arid
- Annual Rainfall : 200-350 mm
- Agricultural Area : 590.000 ha
- Irrigated Area « Périmètre irrigué » : 58000 ha (9.8% of total Agr Area)
- Agricultural vocation/allocation: Range-land-Livestock/olives trees-fruits trees/field crops/vegetables crops.
- # Agricultural farms : 42000, where 43 % between 0-5 ha
- SMSA (Société mutuelle de service agricole) : 37
- GDA (Groupements de Développement Agricole): 250
- Livestock population :
 - Sheep : 465000 Females
 - Goat : 35000 Females
 - Beef : 26000 Females (4700 females are pure breed)
 - Camels : 1000 heads



Baseline Survey – Key Facts

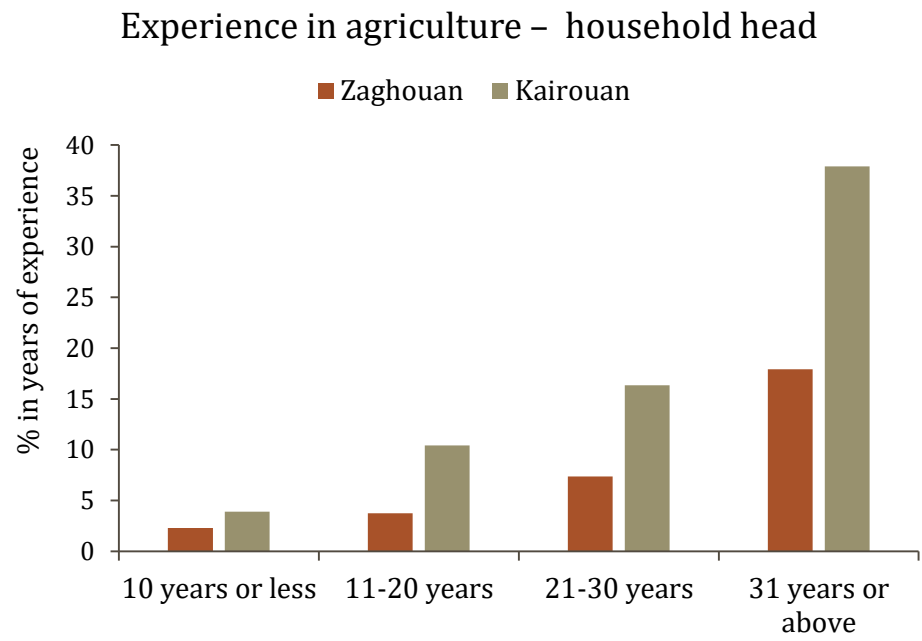
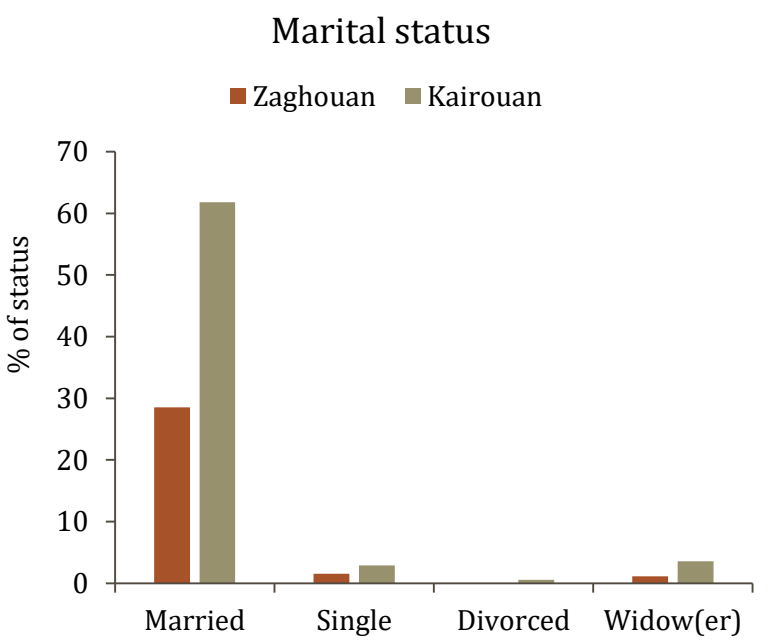
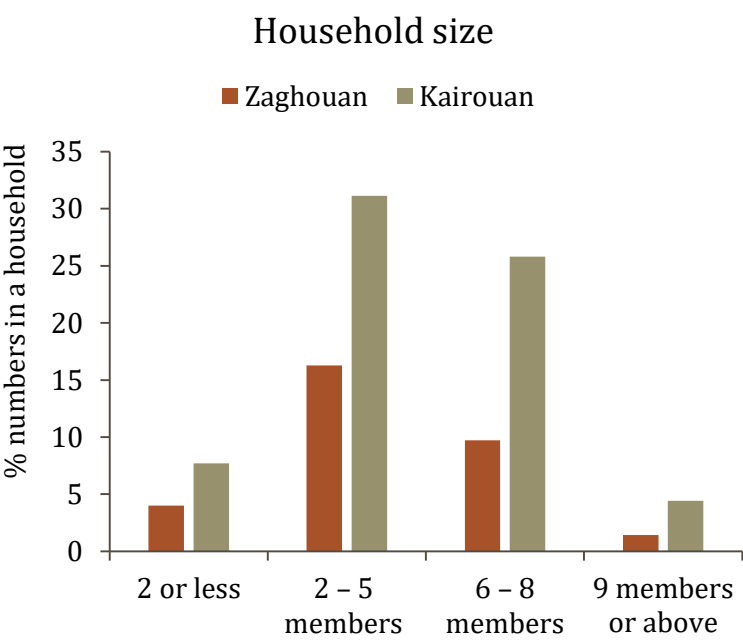
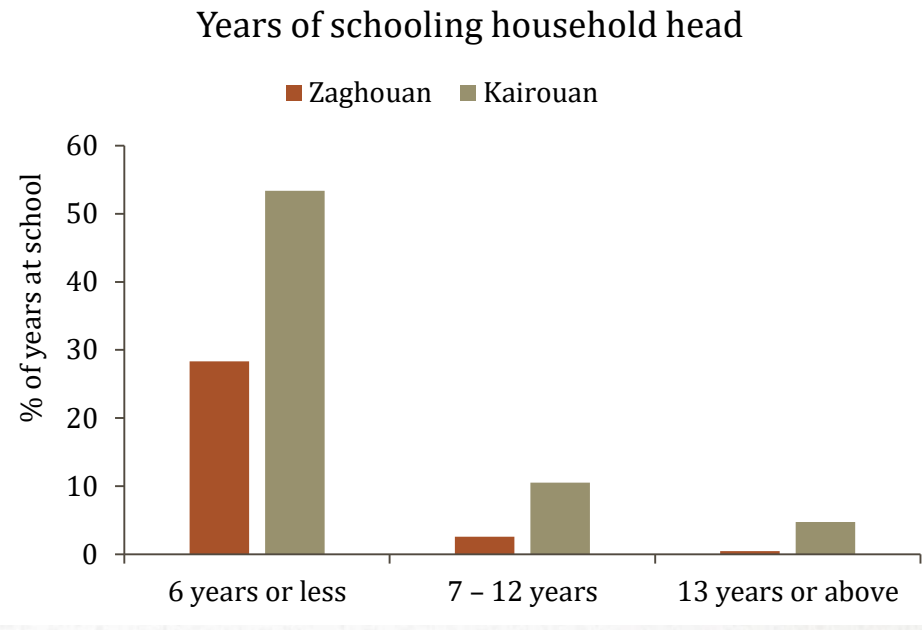
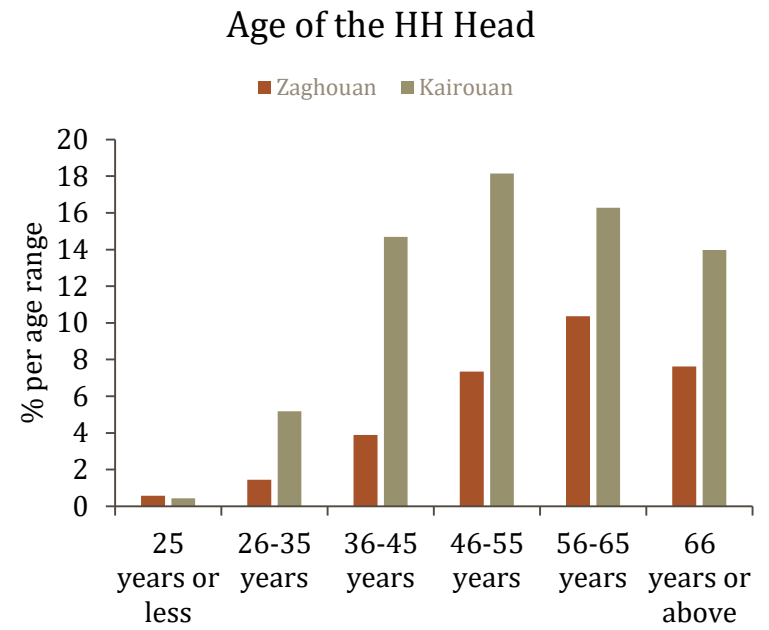
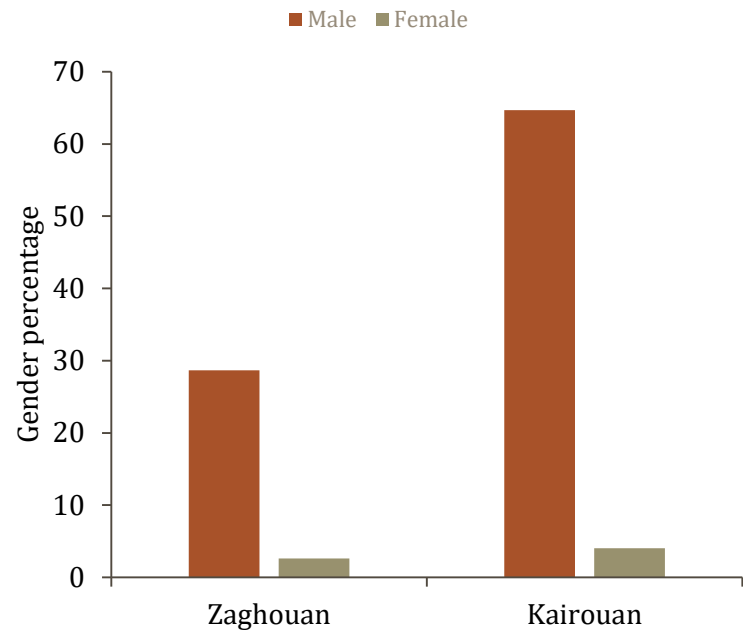
Repartition of sample / Governorate

Governorate	Frequency	Percent
Zaghouan	220	31.42
Kairouan	480	68.57
Total	700	100.0

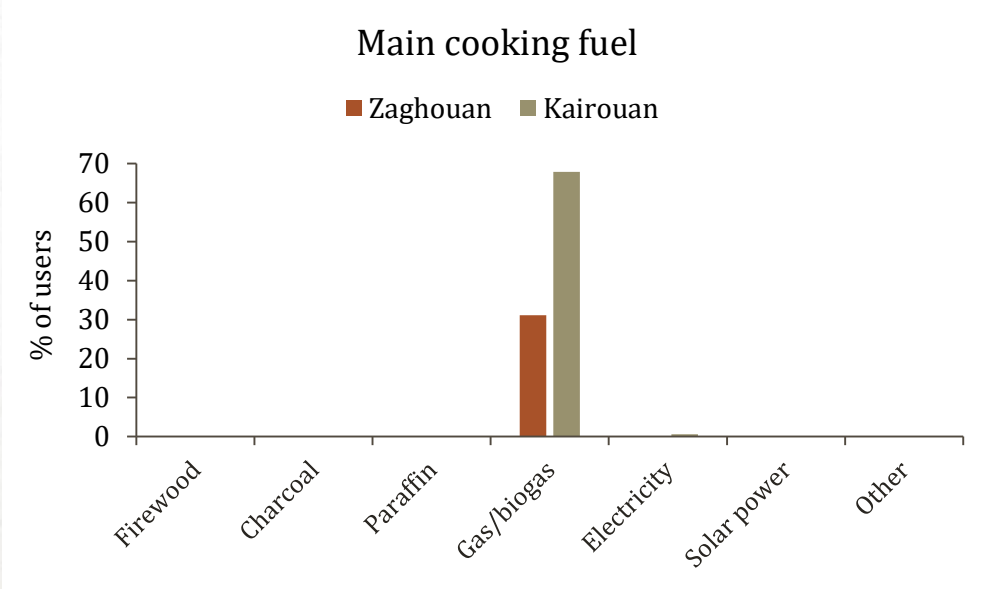
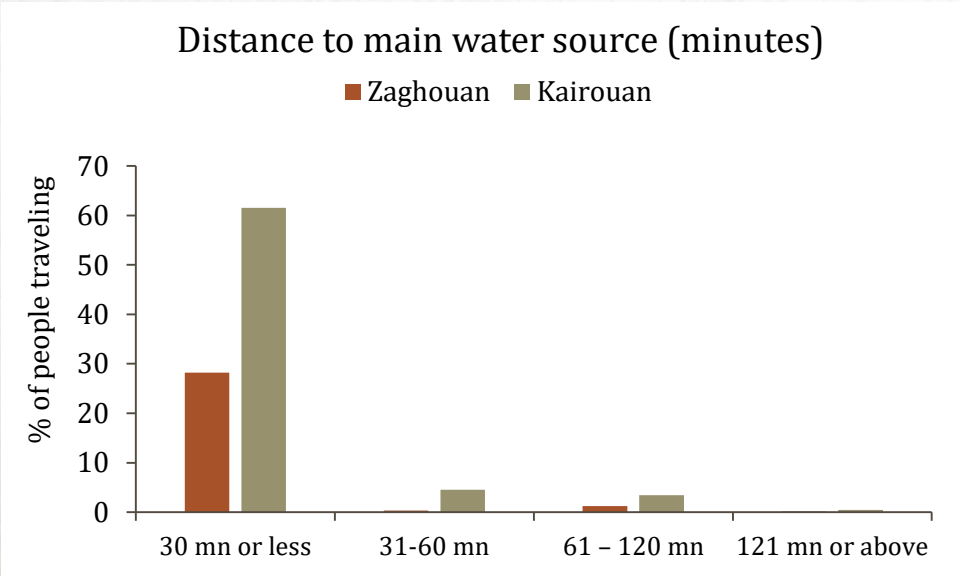
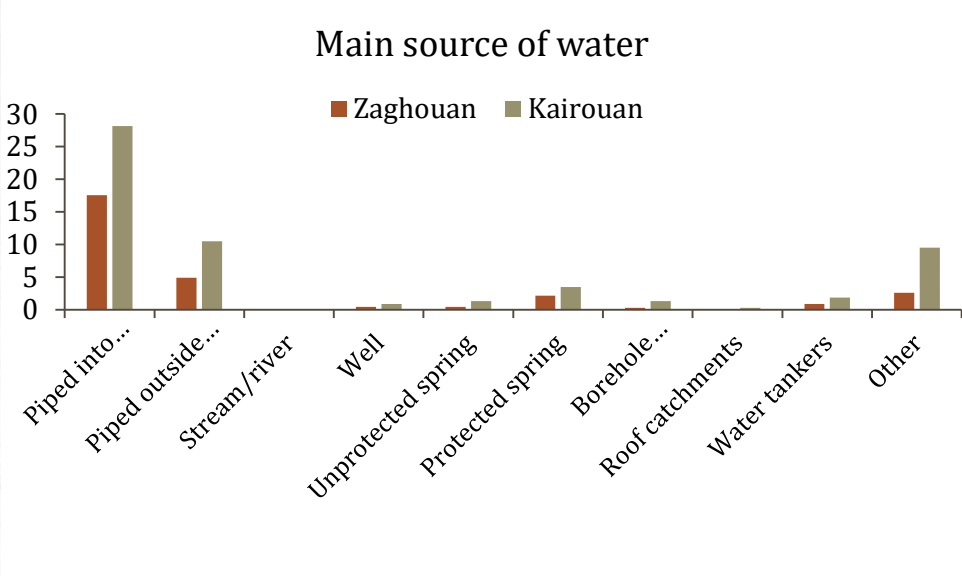
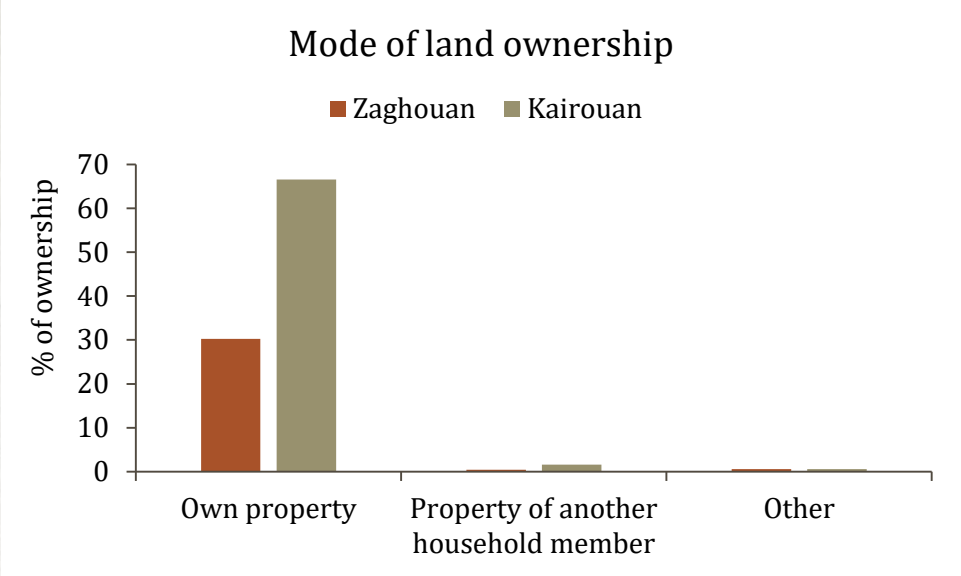
Repartition of sample / Governorate & Delegation

Governorate	Frequency	Percent
Zaghouan		
Nadhour	70	10.0
Saouaf	102	14.57
Zriba	48	6.85
Total Zaghouan	220	31.42
Kairoaun		
Oueslateya	230	32.85
Sbikha	250	35.71
Total Kairouan	480	68.57
Pooled		
Zaghoaun	220	31.42
Kairouan	480	68.57
Total	700	100.0

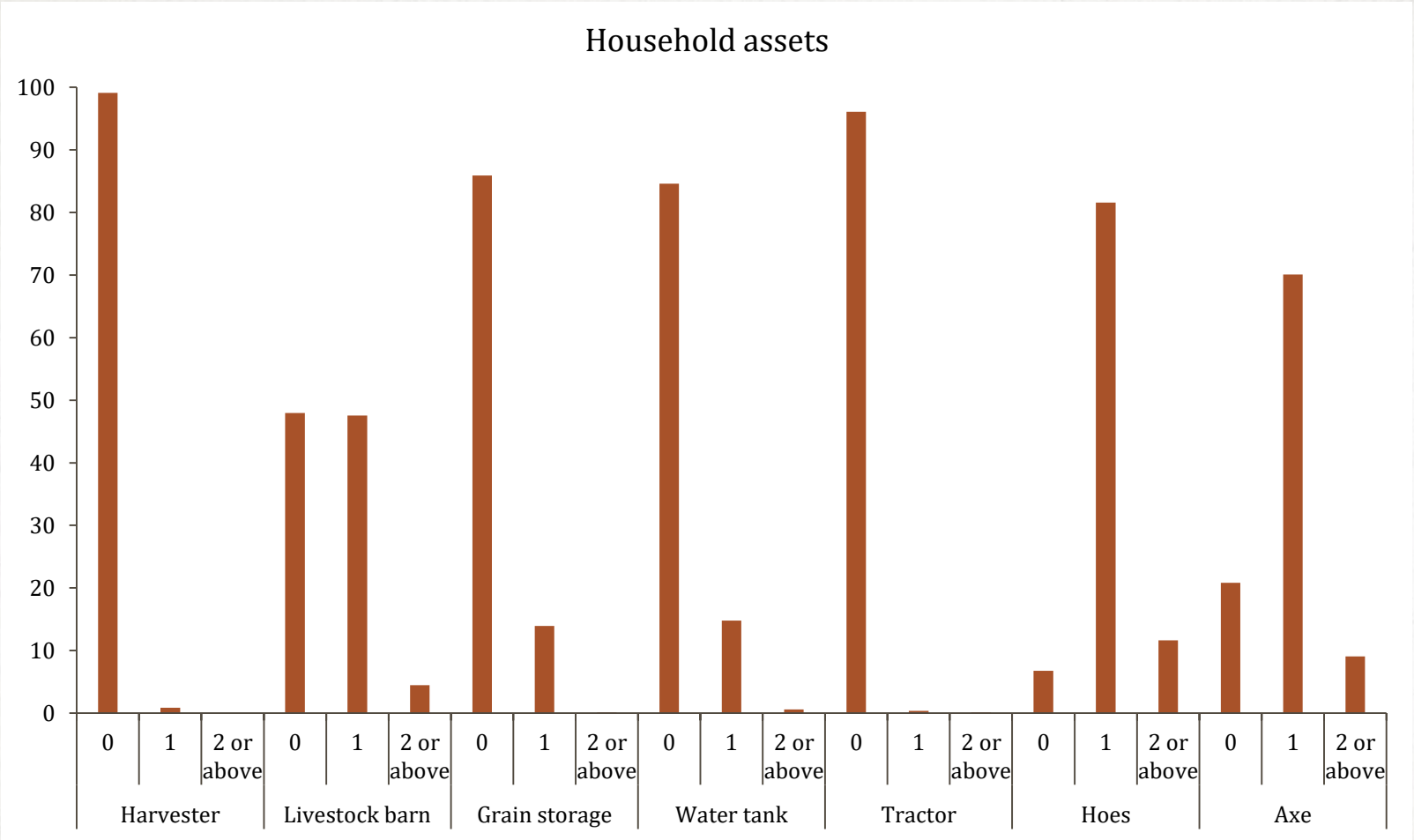
MODULE A - HOUSEHOLD DEMOGRAPHIC DATA



MODULE B – CHARACTERISTICS OF THE MAIN HOUSE

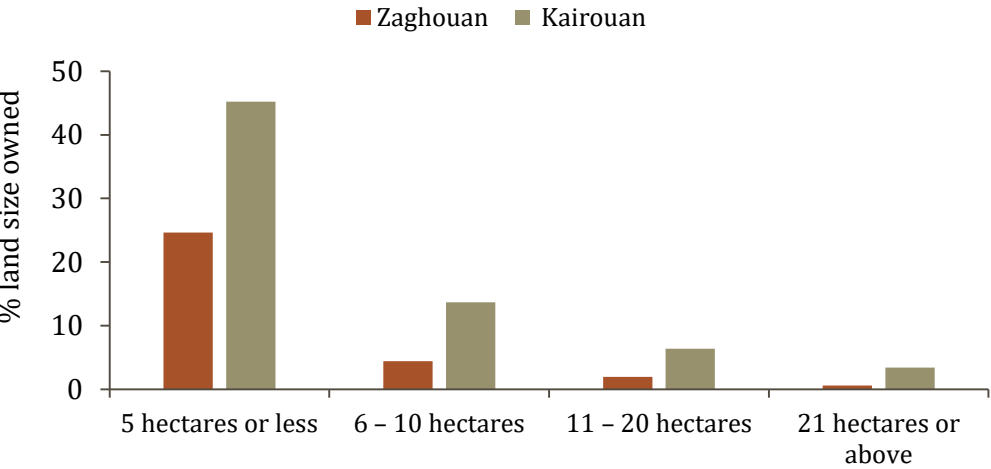


MODULE C – POOLED HOUSEHOLD ASSETS

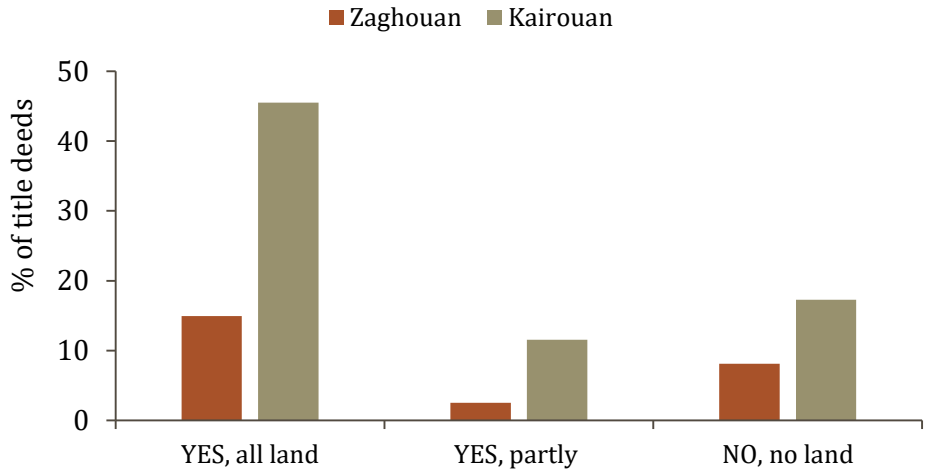


MODULE D – LAND HOLDING IN HECTARES

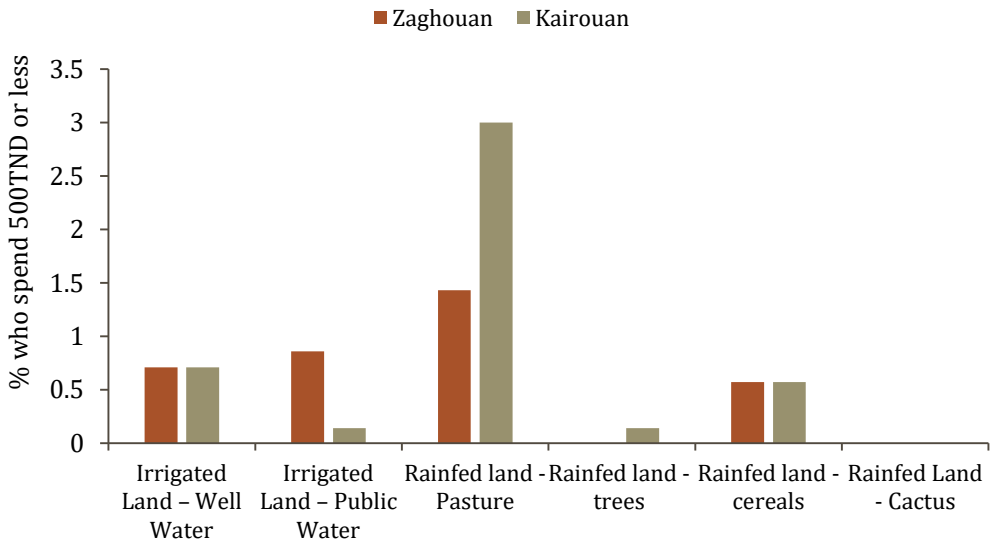
Own land/category at HH



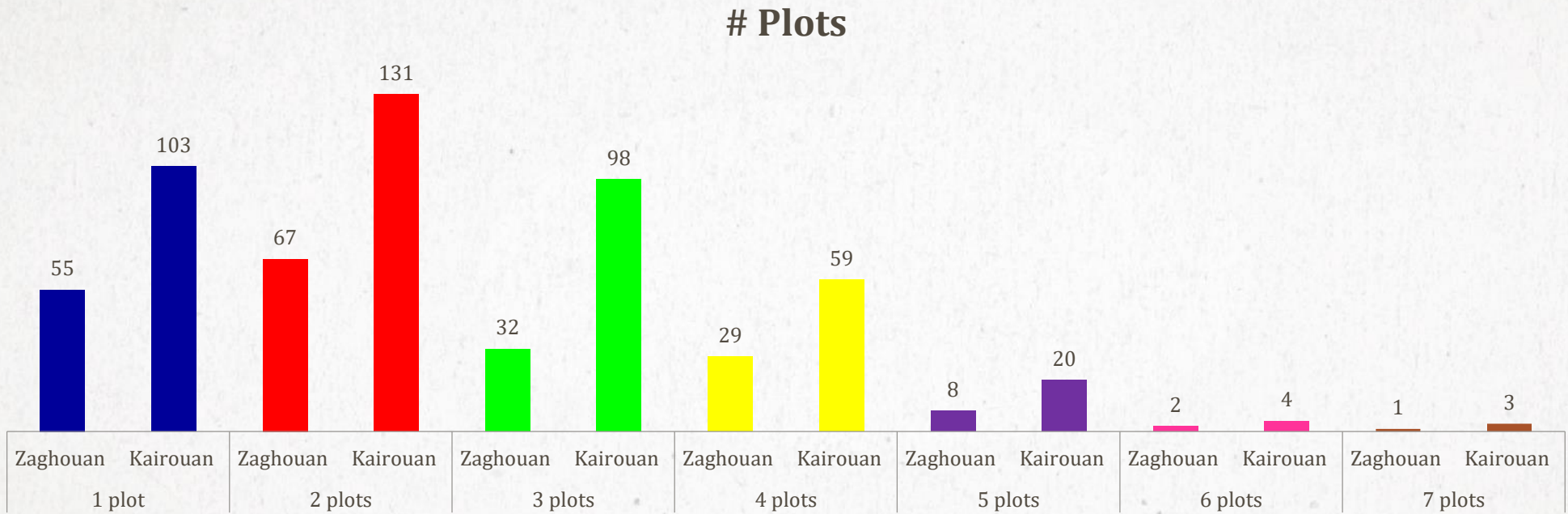
Title Deed for the land-HH



Money spent/ha (TD)/Year



MODULE E: CROP MANAGEMENT AND INPUT USE



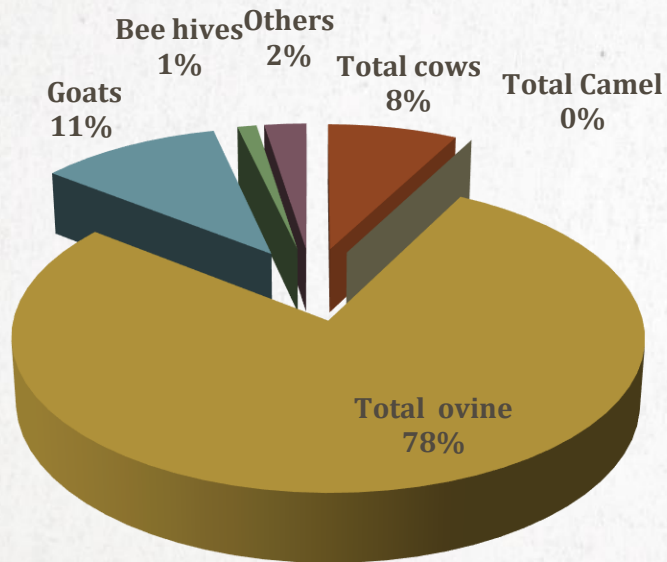
Kairouan: 64 % farmers (more than 2 plots)

Zaghouan: 62 % farmers (more than 2 plots)

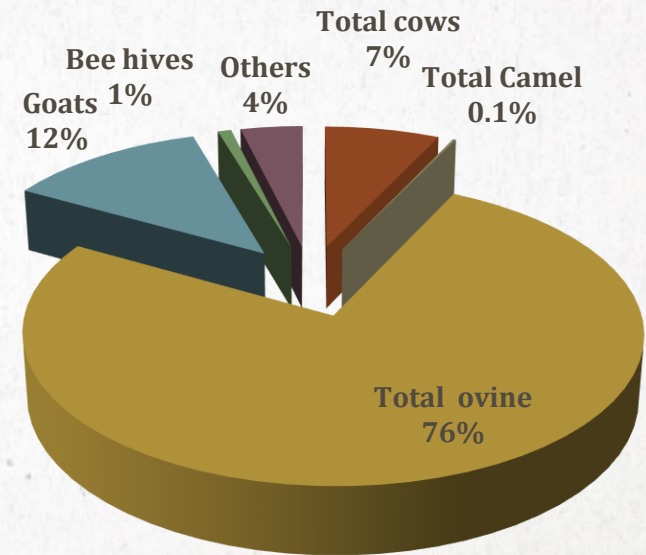
MODULE H: ANIMAL PRODUCTION AND MARKETING

% of Animal heads:

Zaghouan



Kairouan



MODULE H: ANIMAL PRODUCTION AND MARKETING

Animal breed	Frequency					Percent			
		improved race	cross breed	both races	TOTAL		improved race	cross breed	both races
	local breed					local breed			
ZGHOUAN									
Total Beef	42	32	13	3	90	46,66%	35,55%	14,40%	3,33%
Total Camel	0	0	0	0		0%	0%	0%	0%
Total Sheep	562	22	13	68	665	84,51%	3,31%	1,95%	10,20%
Total Goats	122	8	1	2	133	91,73%	6,02%	0,75%	1,50%
Others	11	0	0	0	0	100%	0%	0%	0%
KAIROUAN									
Total Beef	50	57	11	6	124	40,30%	46%	8,87%	4,84%
Total Camel	4	0	0	0	4	100%	0%	0%	0%
Total Sheep	1001	199	55	150	1405	71,25%	14,20%	3,91%	10,70%
Total Goats	222	15	3	11	251	88,45%	5,98%	1,20%	4,38%
Others	59	5	0	4	68	86,76%	7,35%	0%	5,88%

MODULE H: ANIMAL PRODUCTION AND MARKETING

Objective of sold

Type of Animal	Percent (%)						
Code A	To cope with planned household expenditures	To meet household emergency expenses	As cattle trade	Slaughter due to lack of productivity	Slaughter due to lack of disease	To obtain a high market price	Other
Zaghouan							
Total Beef	34,62	11,54	46,15	7,692	0	0	0
Total Sheep	32,56	17	30,26	5,764	0,9	0,29	13,3
Total Goats	33,33	8,333	43,75	4,167	2,1	0	8,33
Others	0	100	0	0	0	0	0
Kairouan							
Total Beef	20	6,67	60	0	0	0	13,3
Total Sheep	36,61	25,3	24,3	4,07	3,3	0,66	5,77
Total Goats	41,96	23,2	24,1	0	0	0,89	9,82
Others	0	0	33,3	0	0	16,7	50

MODULE I: ANIMAL PRODUCTION AND MARKETING (II)

Average cost / animal [TND] / Governorate:

Type of Animal	Number	Min	Max	Mean
Zaghouan				
Milk cows	15	5	110	51,7
Meat cows	6	40	180	98,3
Total cows		5	180	65
	21			
Adult ewe	50	0,75	100	12,7
Rams	30	0,7	45	5,75
Male lambs		0,75	60	5,48
	37			
Female lambs		0,75	100	5,44
	29			
Total Sheep		0,7	100	8,01
	146			
Total Goats	19	0,75	46	8,63
Kairouan				
Milk cows	33	0,5	300	75,77
Meat cows	4	30	240	108,8
Total cows		0,5	300	79,34
	37			
Total Camel		0	0	0
	1			
Adult ewe	154	1	120	24,35
Rams	55	0,5	264	20,74
Male lambs		0,5	75	12,41
	63			
Female lambs		0,5	60	7,573
	51			
Total Sheep		0,5	264	18,76
	323			
Total Goats	30	0,5	50	8,57
Bee hives	3	240	500	370
Others	2	0	0	0

MODULE I: ANIMAL PRODUCTION AND MARKETING (II)

Vaccinations for sheep:

Number of sheep that received vaccination during the last 12 months:

	#	MIN	MAX	MEAN
ZAGHOUAN	209	1	150	28,6
KIROUAN	470	2	250	30,6
TOTALE	679	1	250	29,9

The staff who vaccinated the flock:

	Percent (%)							
	Official Government (OEP)	Private Vet	Agro-Vet	Cooperative Society	NGO	Self-Treatment	Community Animal Health Workers	Other
ZAGHOUAN	54,37	32	5,83	0	0	0,97	5,83	0,971
KEROUAN	41,41	39,8	3,52	0	0	8,2	2,34	4,688
TOTALE	45,13	37,6	4,18	0	0	6,13	3,34	3,621

MODULE I: ANIMAL PRODUCTION AND MARKETING (II)

Cost of vaccinations per head (those that are not free) (in TND)

	#	MIN	MAX	MEAN
ZAGHOUAN	209	0,5	15,6	1,82
KIROUAN	470	0,375	15	2,05
TOTALE	679	0,375	15,6	1,97

Vaccination against parasites in the last 12 months

	FERQUENCY			Percent (%)		
	Yes	No	I do not know	yes	No	I do not know
ZAGHOUAN	11	2	2	73,33	13,3	13,3
KEROUAN	184	24	50	71,32	9,3	19,4
TOTALE	195	26	52	71,43	9,52	19

Vaccinations did during the last 12 months:

	percent(%)						
	Paratuberculosis	Neosporosis	Toxoplasmosis	Enterotoxemia	Anthelminthic parasites	External parasites	I do not know
ZAGHOUAN	9,302	0	2,33	72	0	2,33	14
KEROUAN	3,061	0	1,02	44	2	0	50
TOTALE	4,965	0	1,42	52	1,4	0,71	39

MODULE I: ANIMAL PRODUCTION AND MARKETING (II)

Reasons of not vaccination:

	Percent (%)			
	I did not see the interest of the vaccination	A bad experience with the previous vaccinations	Too expensive	I did not trust the free vaccination
ZAGHOUAN	20	10	65	5
KEROUAN	20,55	2,74	56,2	20,5
TOTALE	20,43	4,3	58,1	17,2

Frequency of contacting a veterinarian in the last 12 months:

	FERQUENCY				Percent (%)			
	At least every 15 days	Every month	Every 3 months	Rarely	At least every 15 days	Every month	Every 3 months	Rarely
ZAGHOUAN	3	12	51	131	1,52	6,09	25,9	66,5
KEROUAN	8	22	92	316	1,83	5,02	21	72,1
TOTALE	11	34	143	447	1,73	5,35	22,5	70,4

MODULE I: ANIMAL PRODUCTION AND MARKETING (II)

Resources available for sheep and goats on pastures

	percent(%)			
	Natural pasture	Green forage	Hay	Cereal stubble
ZAGHOUAN	67	1,03	12,4	19,6
KEROUAN	36,8	1,6	40,8	20,8
TOTALE	50	1,35	28,4	20,3

Main factor limiting forage storage

	percent(%)					
	Pest	Transport	Space	Costs for equipment	Lack of equipment for storage	Other
ZAGHOUAN	0	0,99	47,5	51	0	0
KEROUAN	3,557	0,79	9,09	67	8,7	11,1
TOTALE	2,542	0,85	20,1	62	6,2	7,91

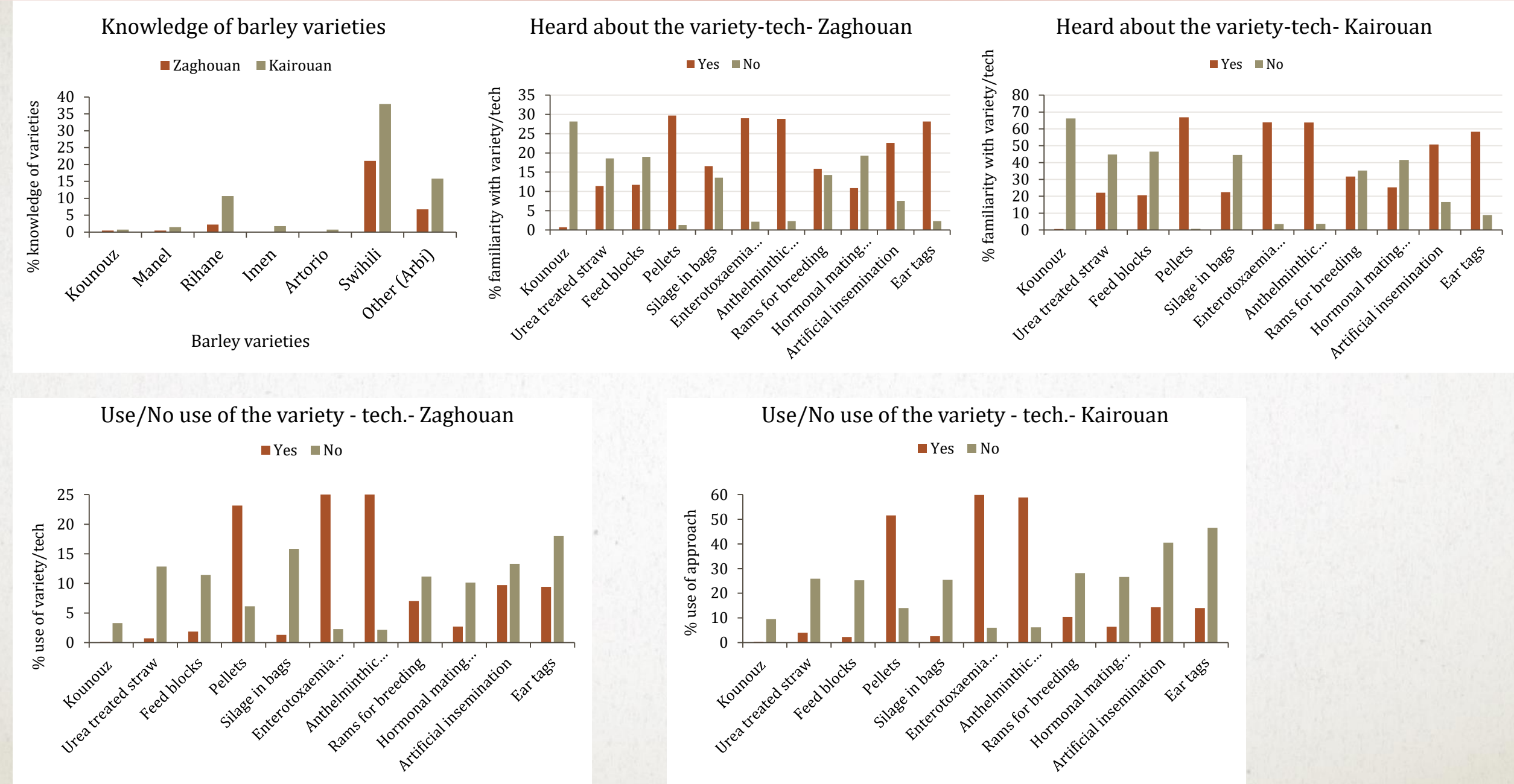
MODULE I: ANIMAL PRODUCTION AND MARKETING (II)

In what month do you buy extra feed?

Code A 1 = January 2 = February 3 = March 4 = April 5 = May 6 = June 7 = July 8 = August 9 = September 10 = October 11 = November 12 = December

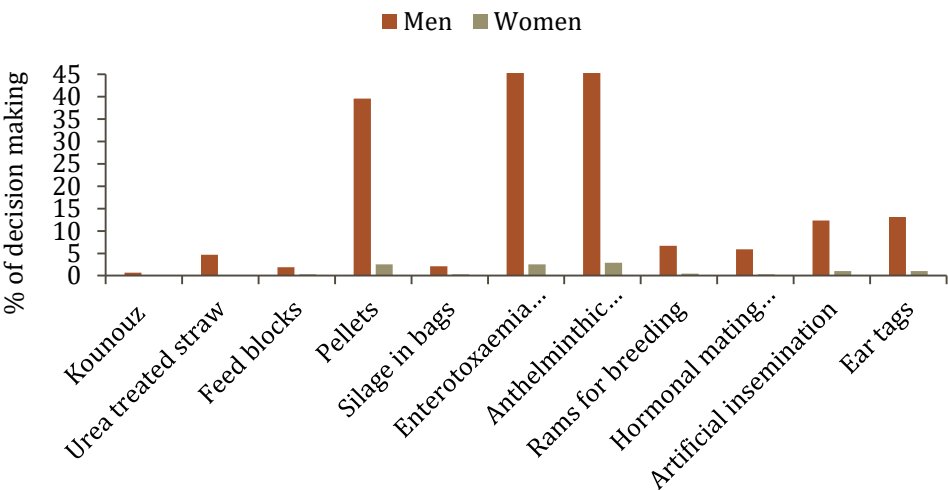
	percent(%)											
	1	2	3	4	5	6	7	8	9	10	11	12
CODE A												
ZAGHOUAN	15	3,33	1,67	0	1,7	25	22	6,7	6,7	0	5	13
KEROUAN	14,72	0,61	1,23	0,6	3,7	38	15	0,6	1,8	0	1,2	22
TOTALE	14,8	1,35	1,35	0,4	3,1	35	17	2,2	3,1	0	2,2	20

MODULE K – TECHNOLOGY AWARENESS AND UPTAKE

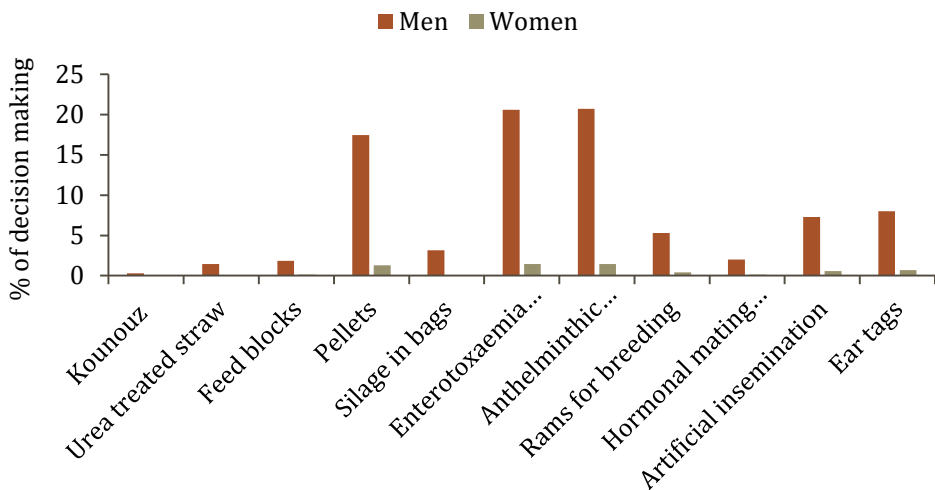


MODULE K – TECHNOLOGY AWARENESS AND UPTAKE

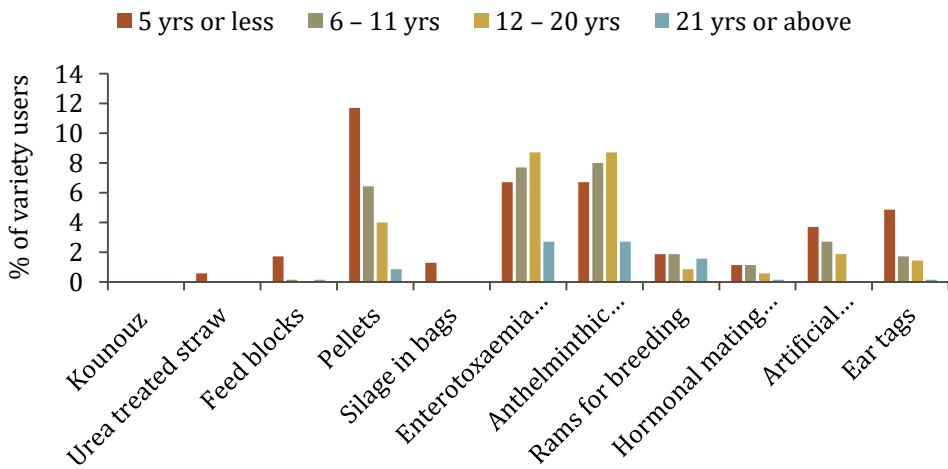
Decision maker on the variety-tech adoption- Zaghouan



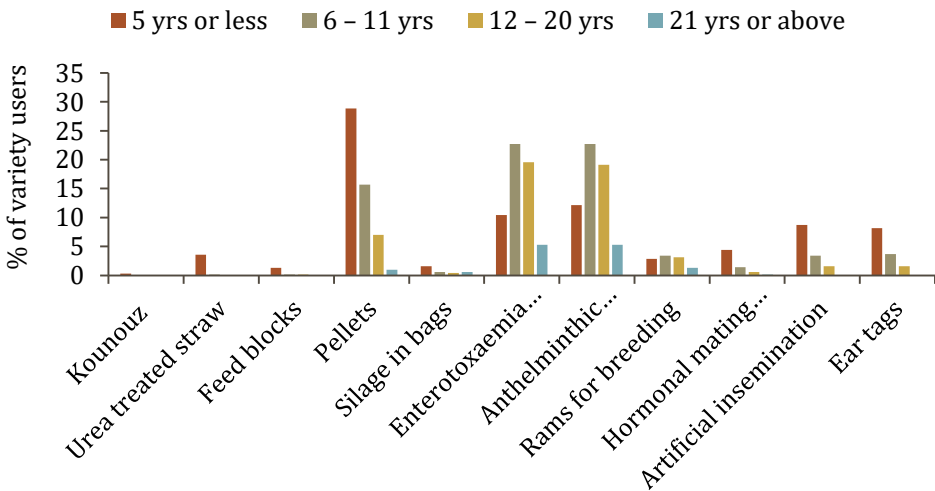
Decision maker on the variety-tech adoption- Kairouan



seasons variety planted/used- Zaghouan

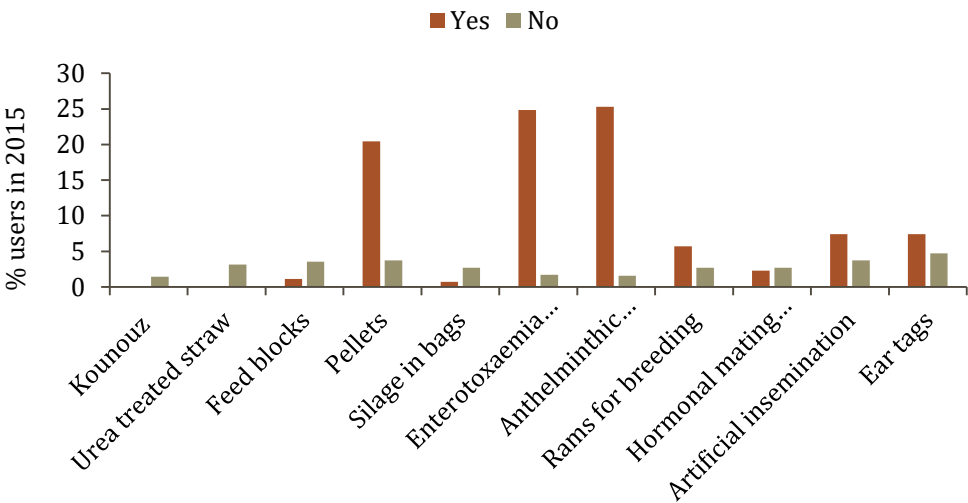


seasons variety planted/used- Kairouan

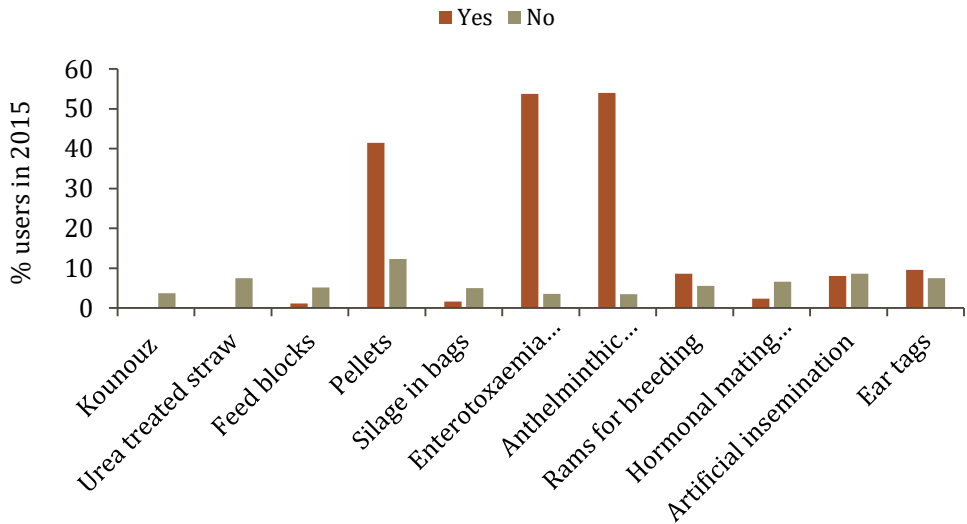


MODULE K – TECHNOLOGY AWARENESS AND UPTAKE

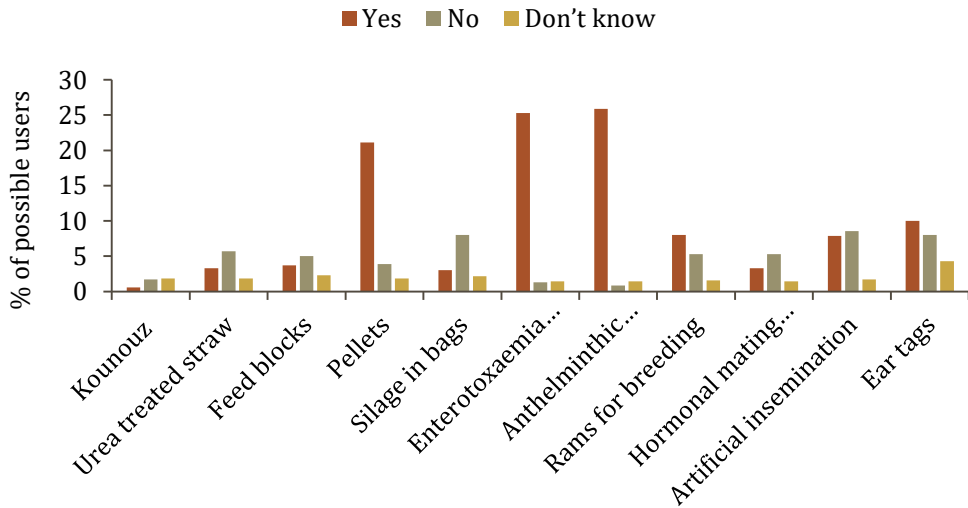
Use of the variety/technology last year (2015)- Zaghouan



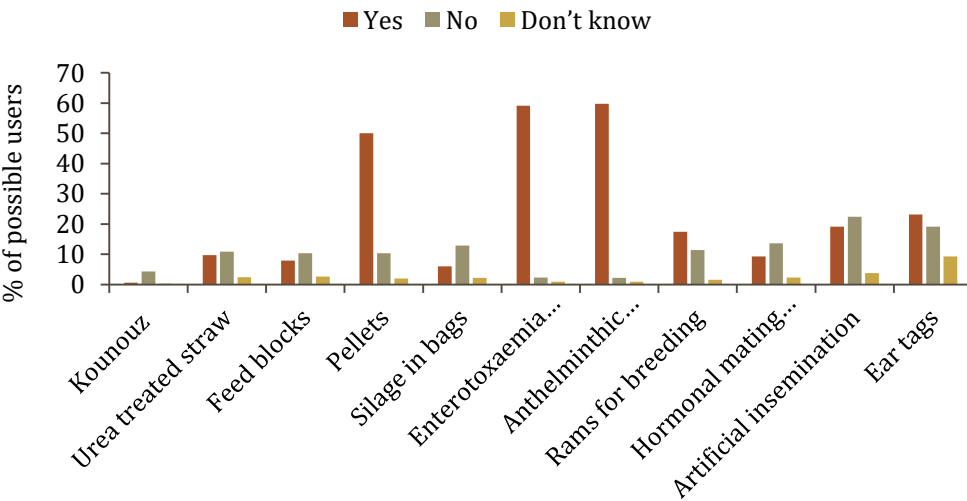
Use of the variety/technology last year (2015)- Kairouan



Considering variety-tech. use in the future- Zaghouan

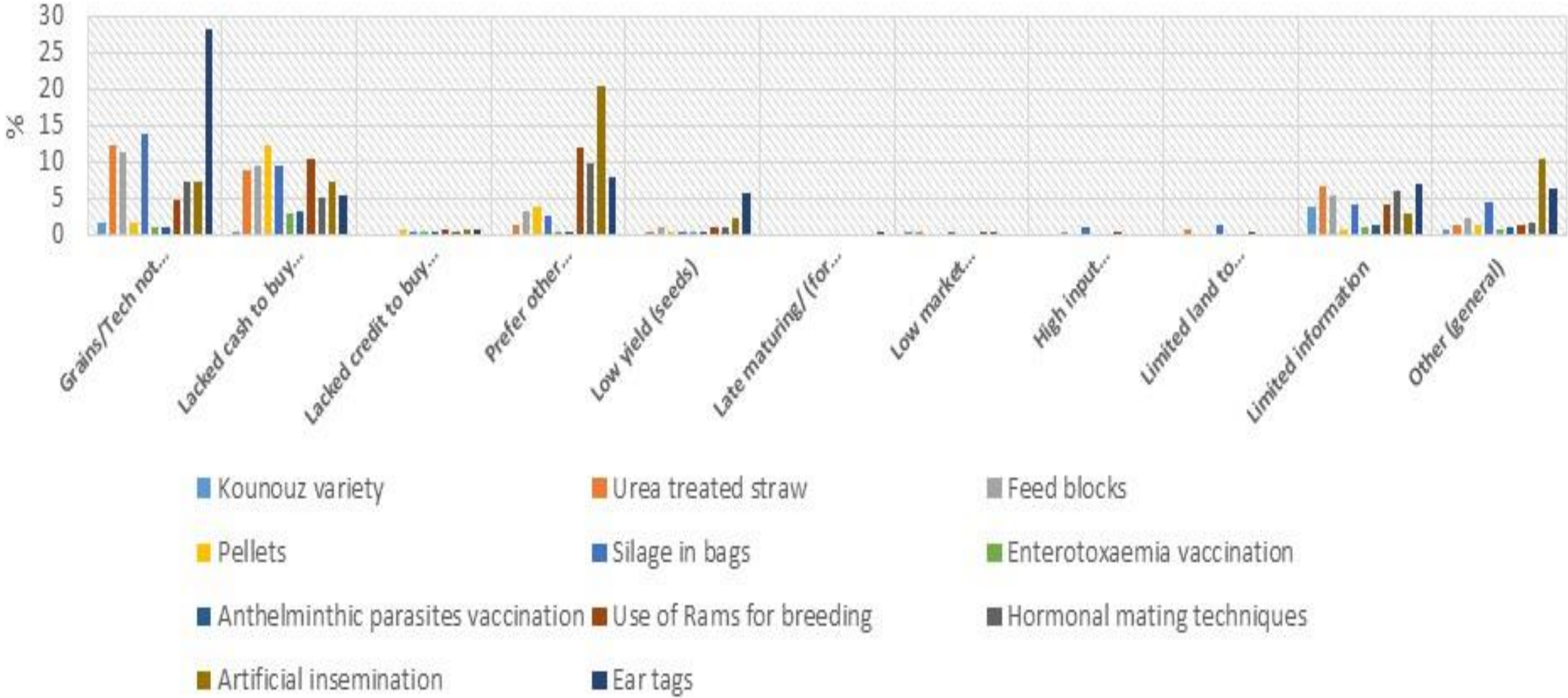


Considering variety-tech. use in the future- Kairouan

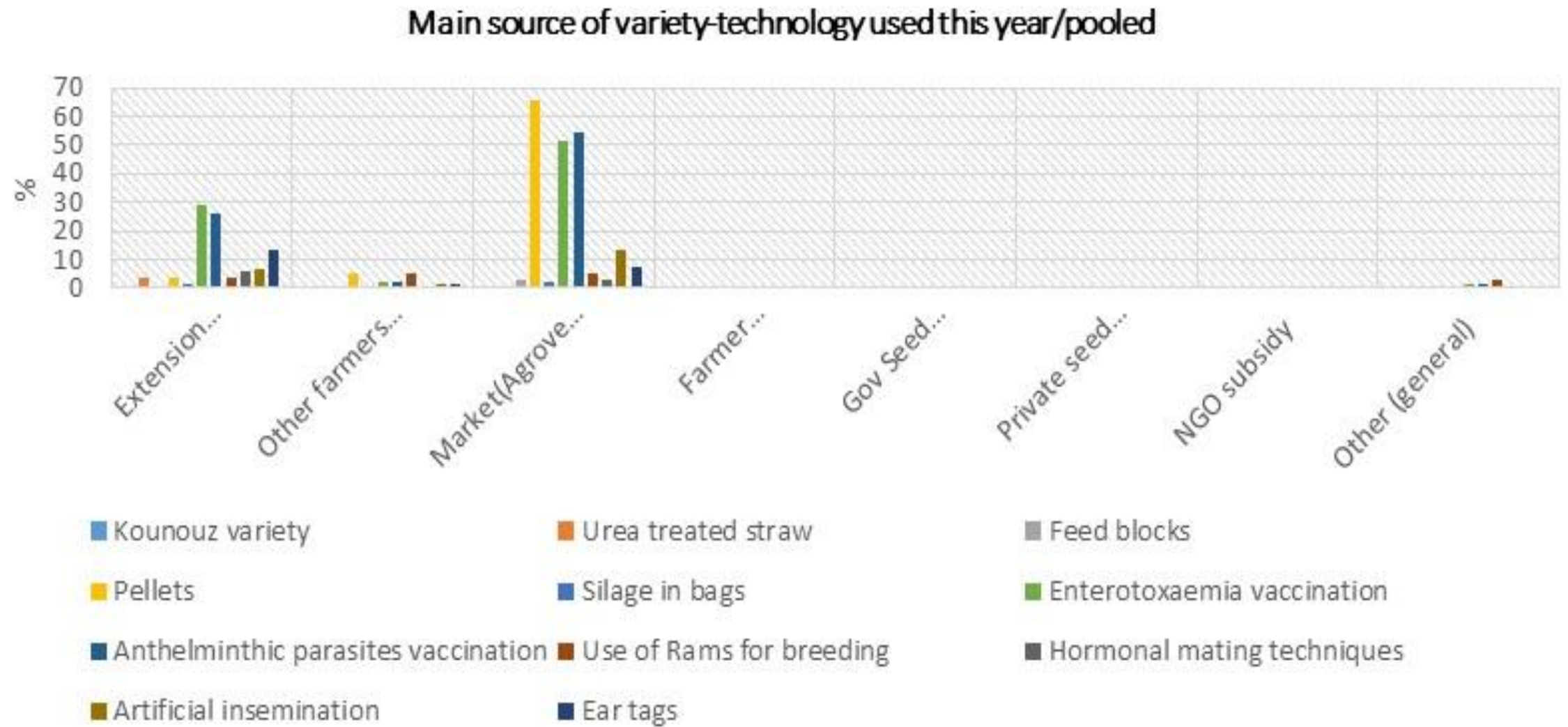


MODULE K – TECHNOLOGY AWARENESS AND UPTAKE

Main raisons of no use of the new variety-technology/pooled

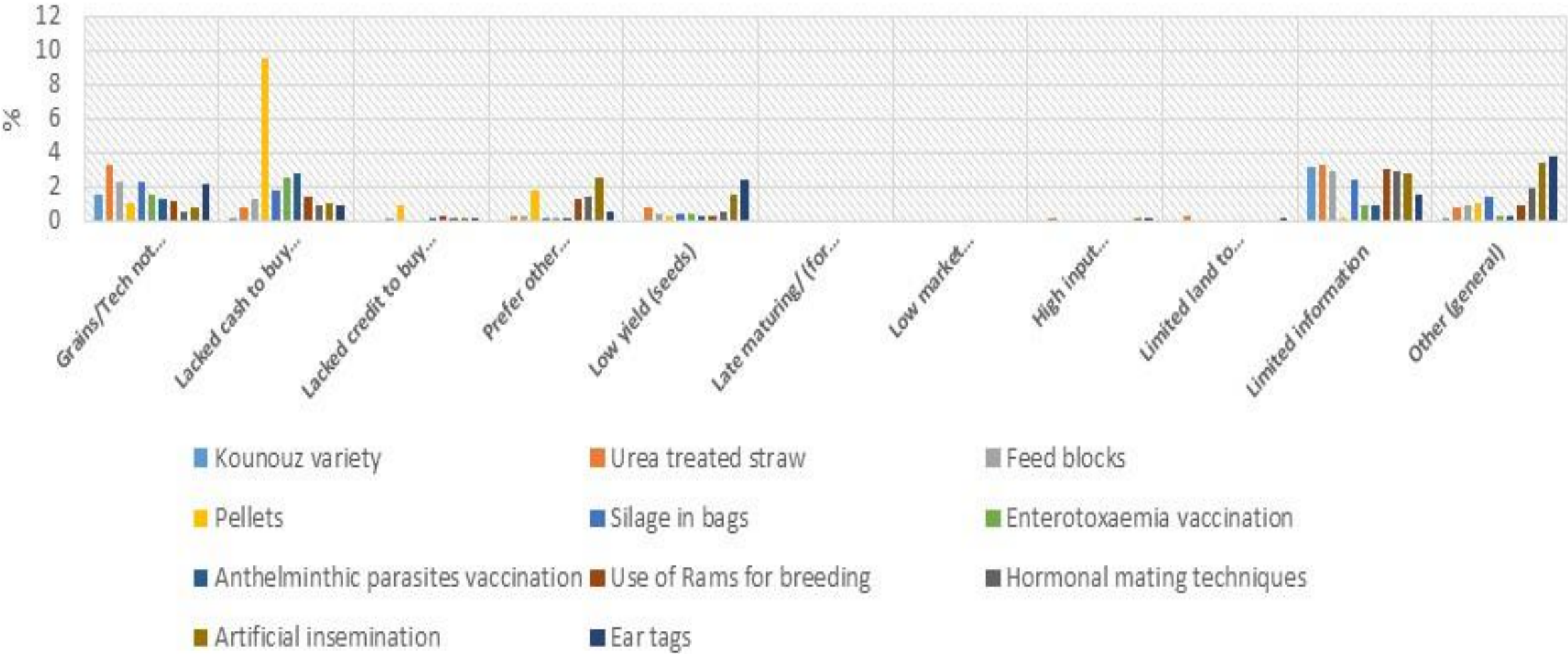


MODULE K – TECHNOLOGY AWARENESS AND UPTAKE



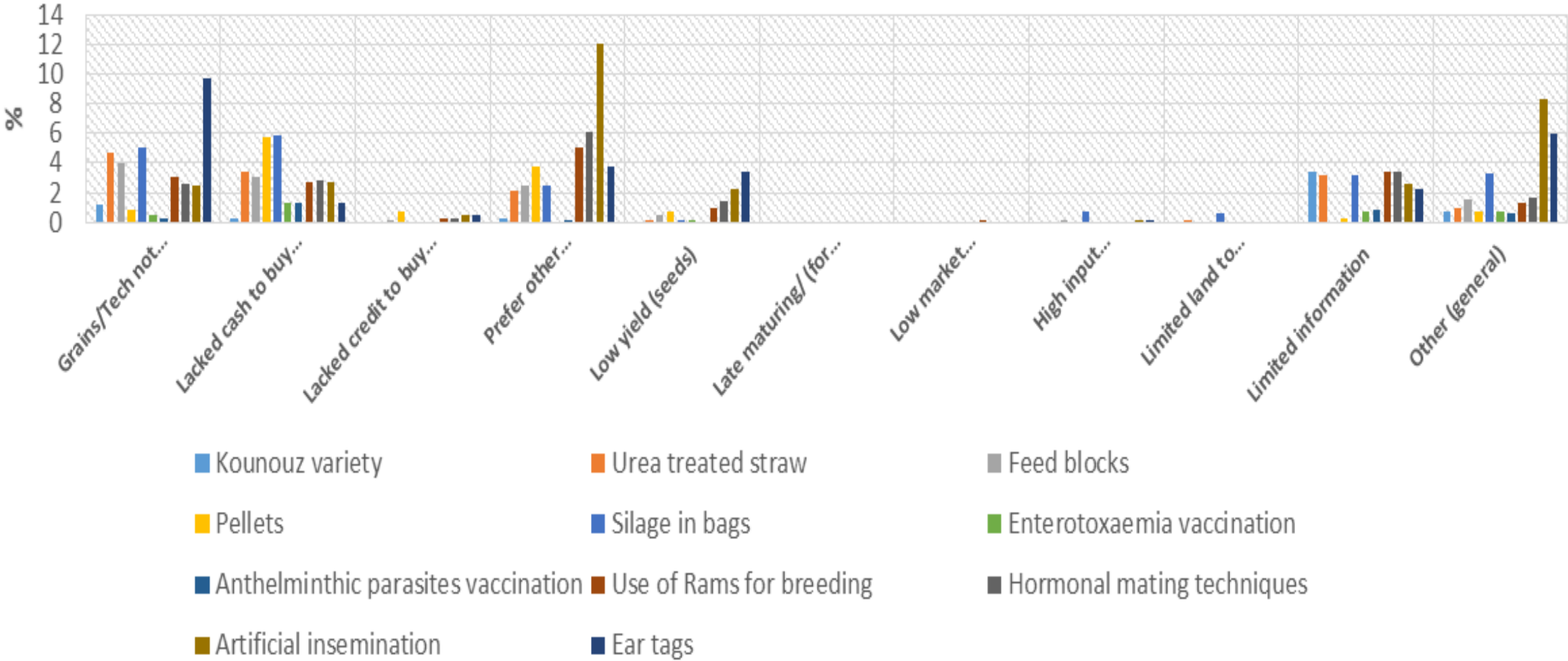
MODULE K – TECHNOLOGY AWARENESS AND UPTAKE

Raisons for No-Use of the variety-technology last year (2015)/Pooled



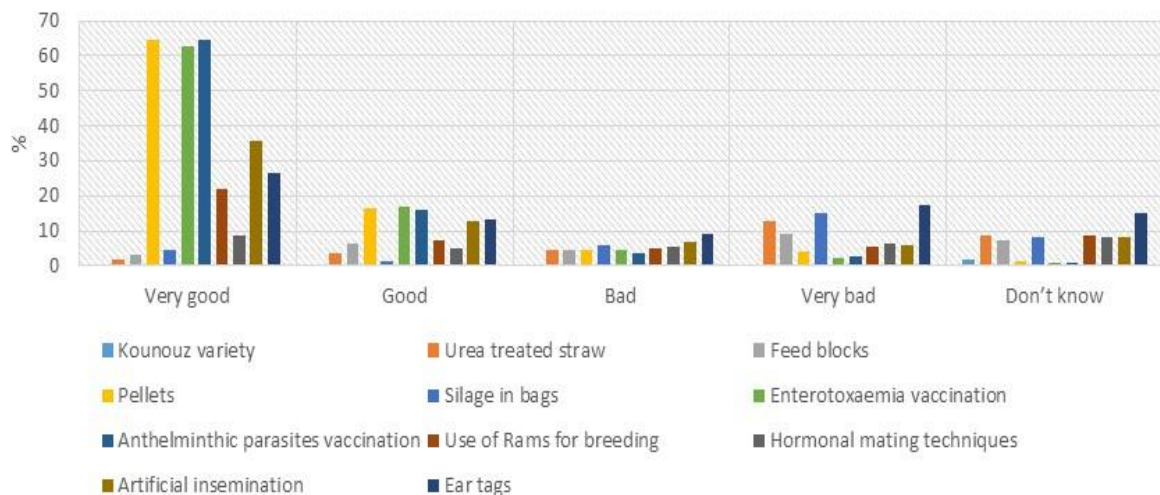
MODULE K – TECHNOLOGY AWARENESS AND UPTAKE

Main raisons for no consideration the use of variety-technology in the future /Pooled

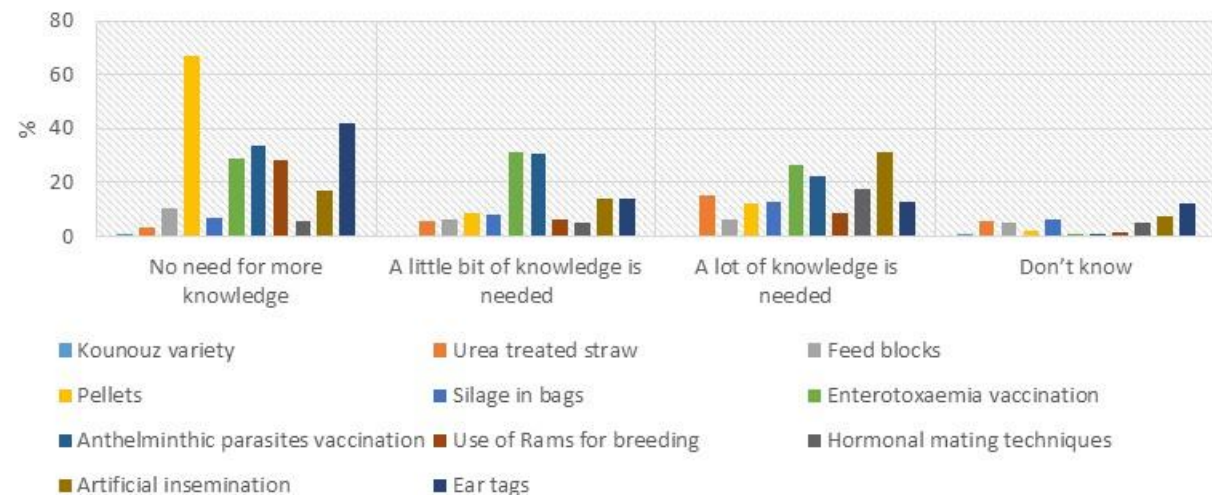


MODULE L: VARIETY/BREED ATTRIBUTES, KNOWLEDGE & PERCEPTION

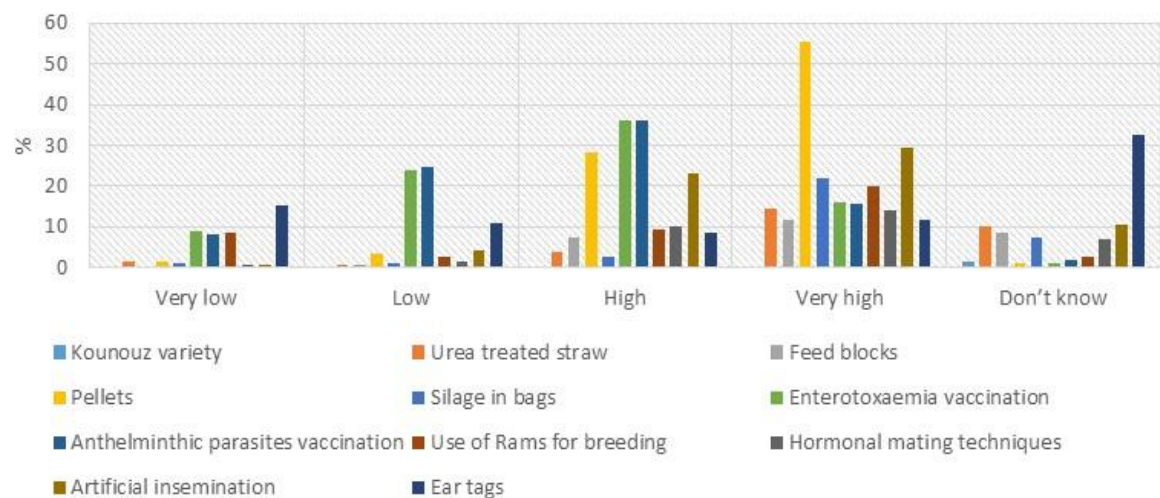
Access/availability to variety-technology/Polled



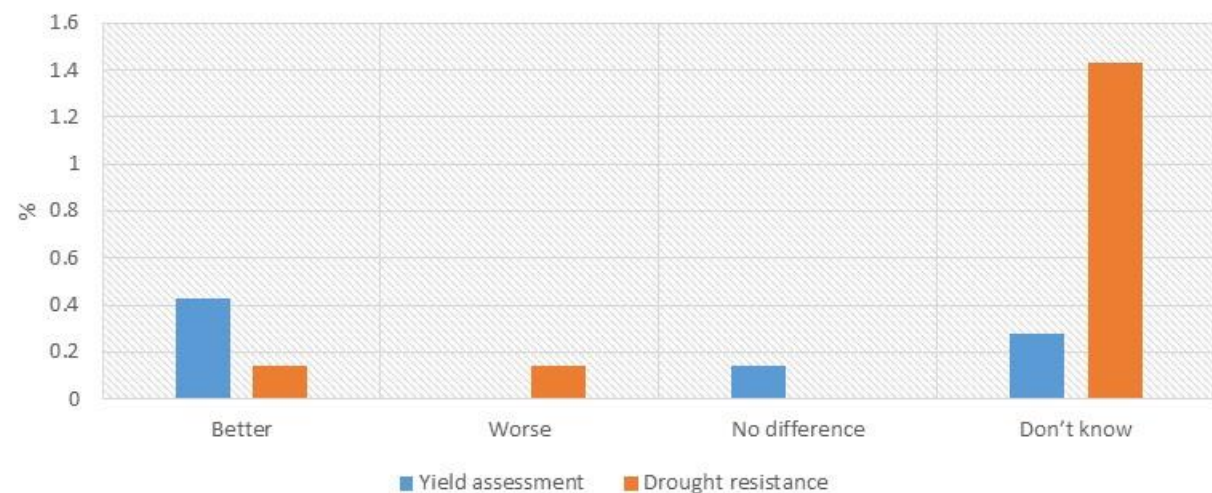
Technique, knowledge needed of the variety-technology /Polled



Cost of adoption assessment of the variety-technology/Polled

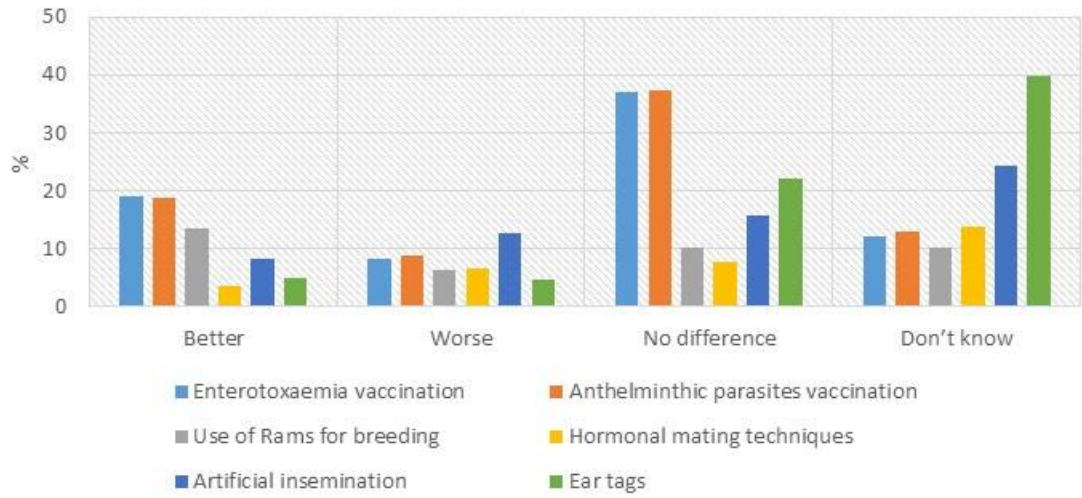


Variety Kounouz (Yield and Drought resistance) /Polled

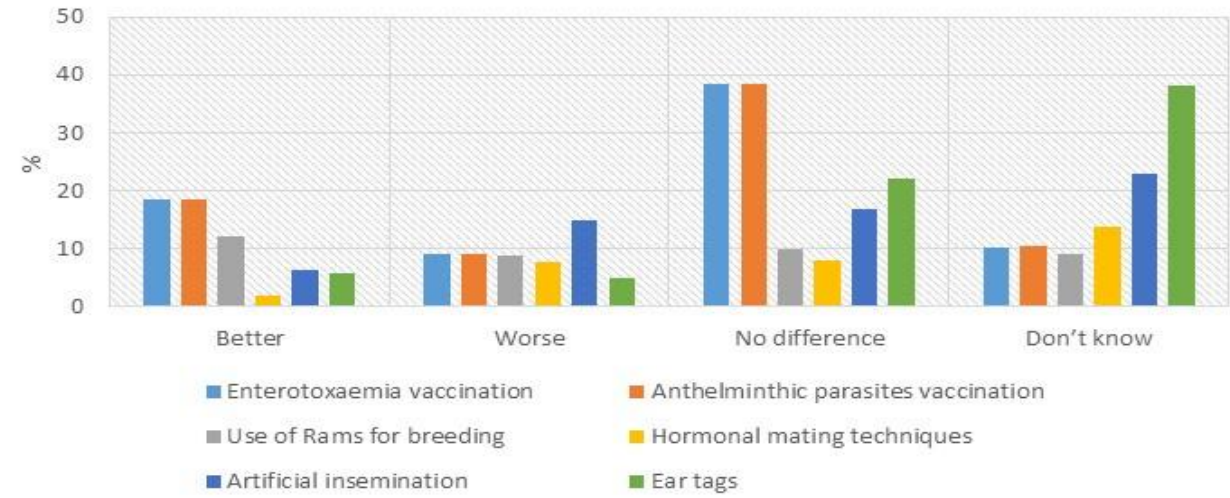


MODULE L: VARIETY/BREED ATTRIBUTES, KNOWLEDGE & PERCEPTION

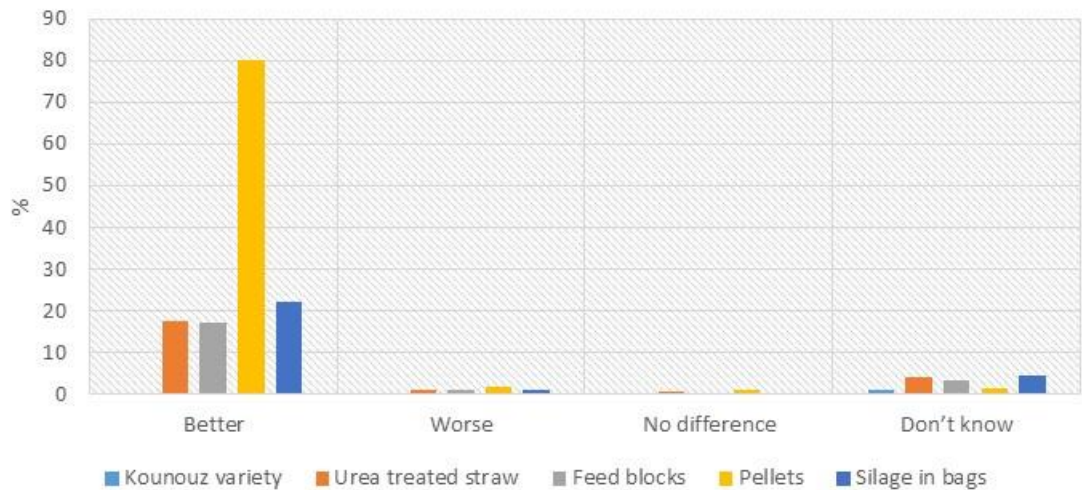
Marketability (demand) of the variety-technology/Polled



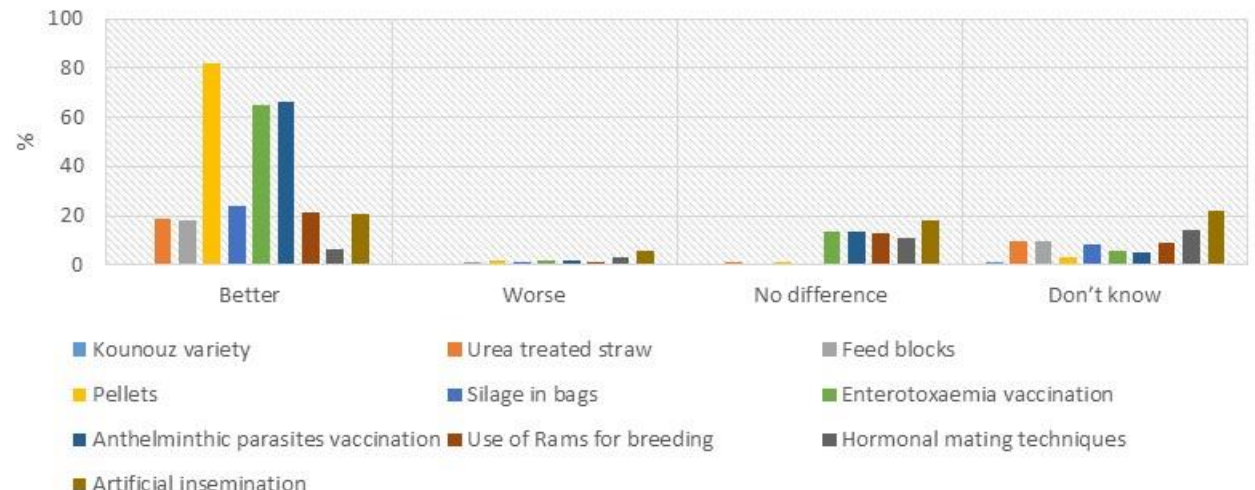
Market price received of the variety-technology/Polled



Palatability for animals of the variety-technology/Polled

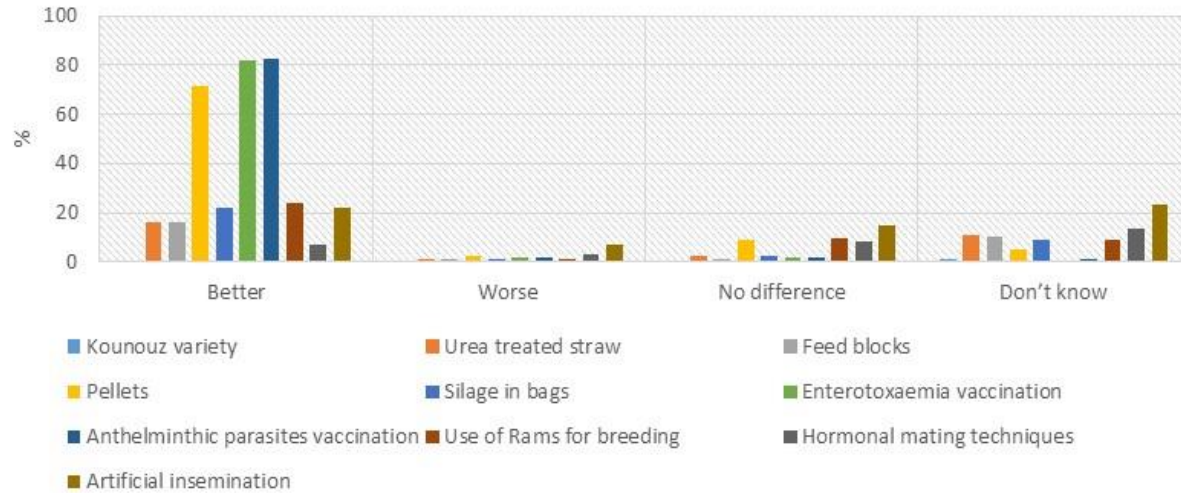


Good animal growth vs variety-technology/Polled

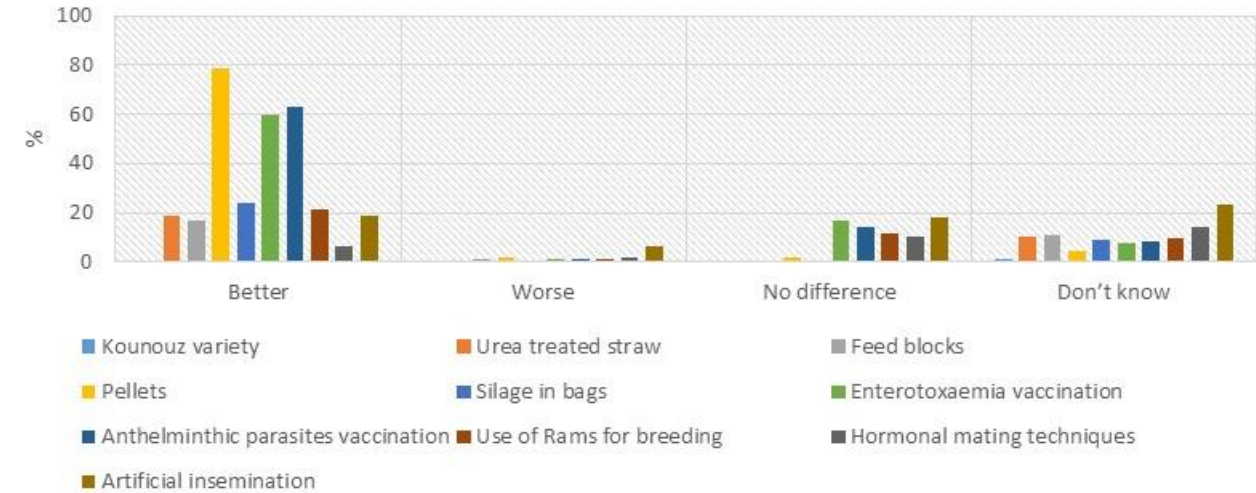


MODULE L: VARIETY/BREED ATTRIBUTES, KNOWLEDGE & PERCEPTION

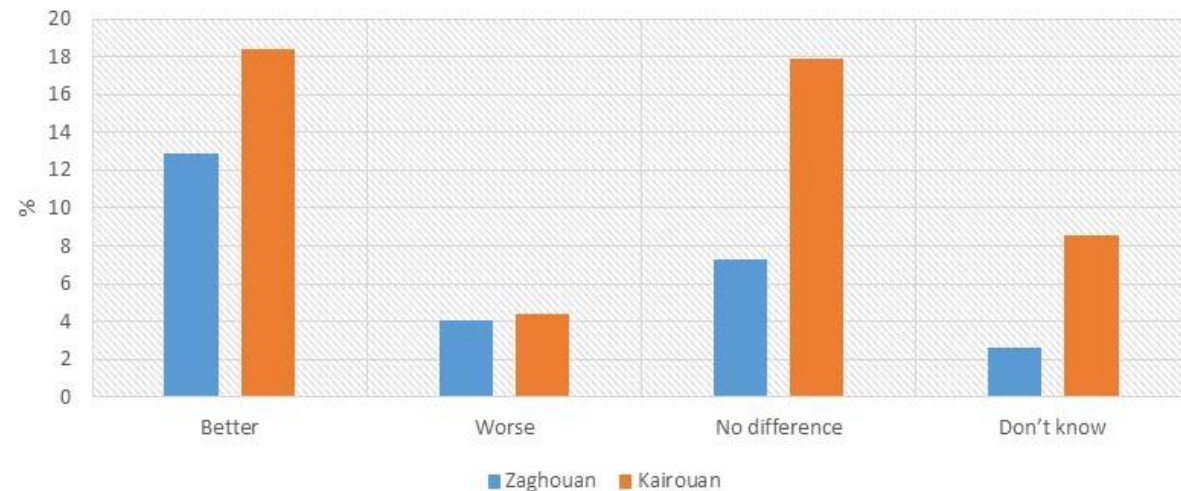
Good animal health vs variety-technology/Polled



Fattening lambs vs variety-technology/Polled

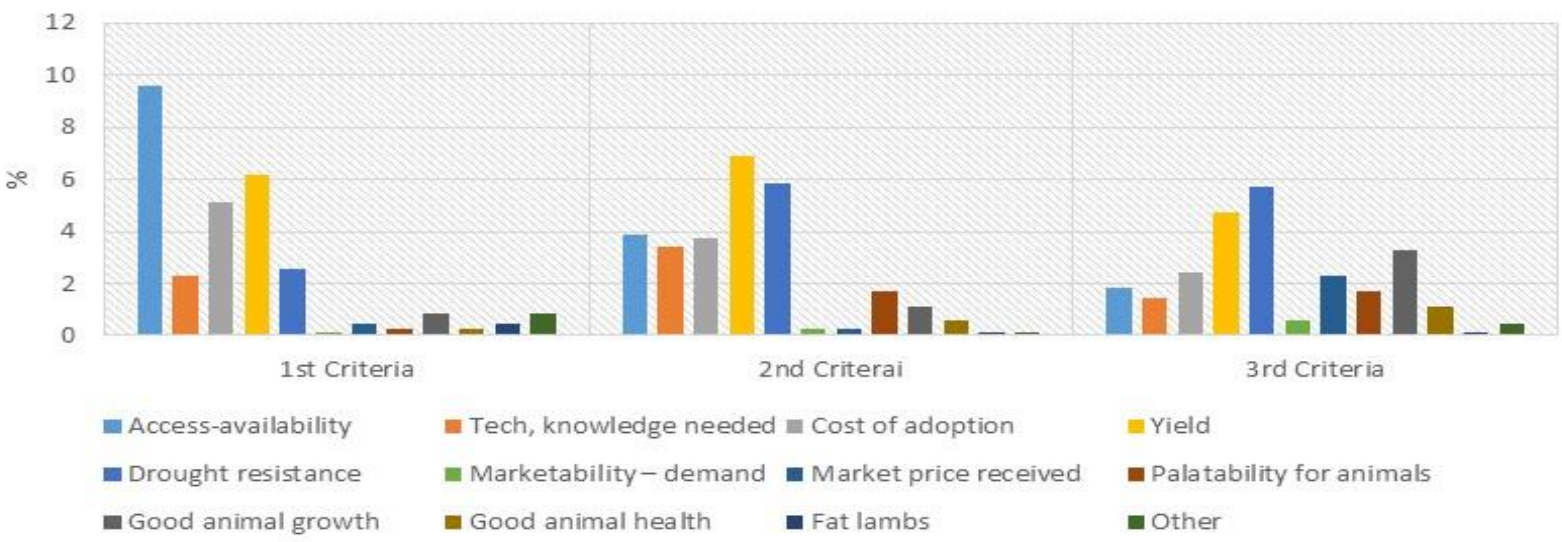


Protection against animal theft vs Ear Tags technology/Governorate



MODULE L: VARIETY/BREED ATTRIBUTES, KNOWLEDGE & PERCEPTION

The most important adoption criteria for crop technology used/Zagouan

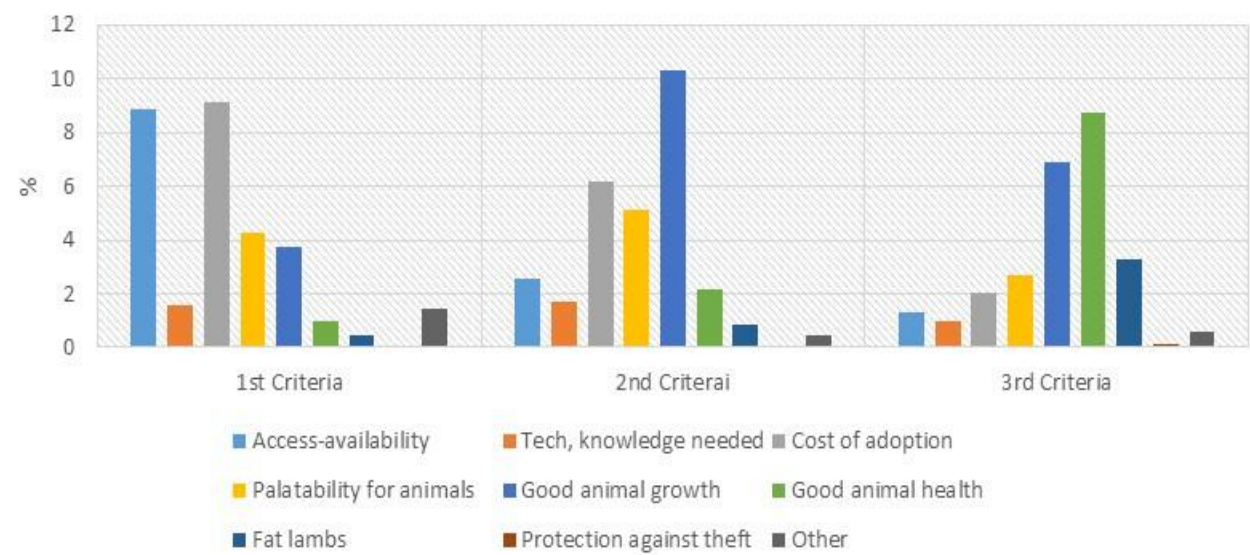


The most important adoption criteria for crop technology used/Kairouan

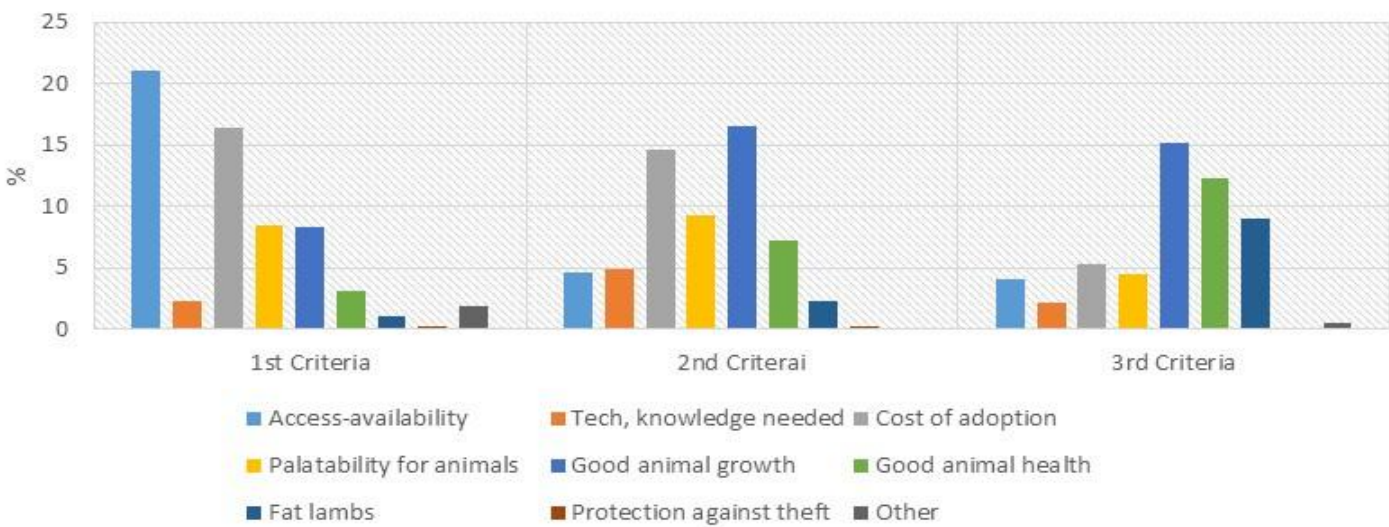


MODULE L: VARIETY/BREED ATTRIBUTES, KNOWLEDGE & PERCEPTION

The most important adoption criteria for feed technology used/Zaghouan



The most important adoption criteria for feed technology used/Kairouan

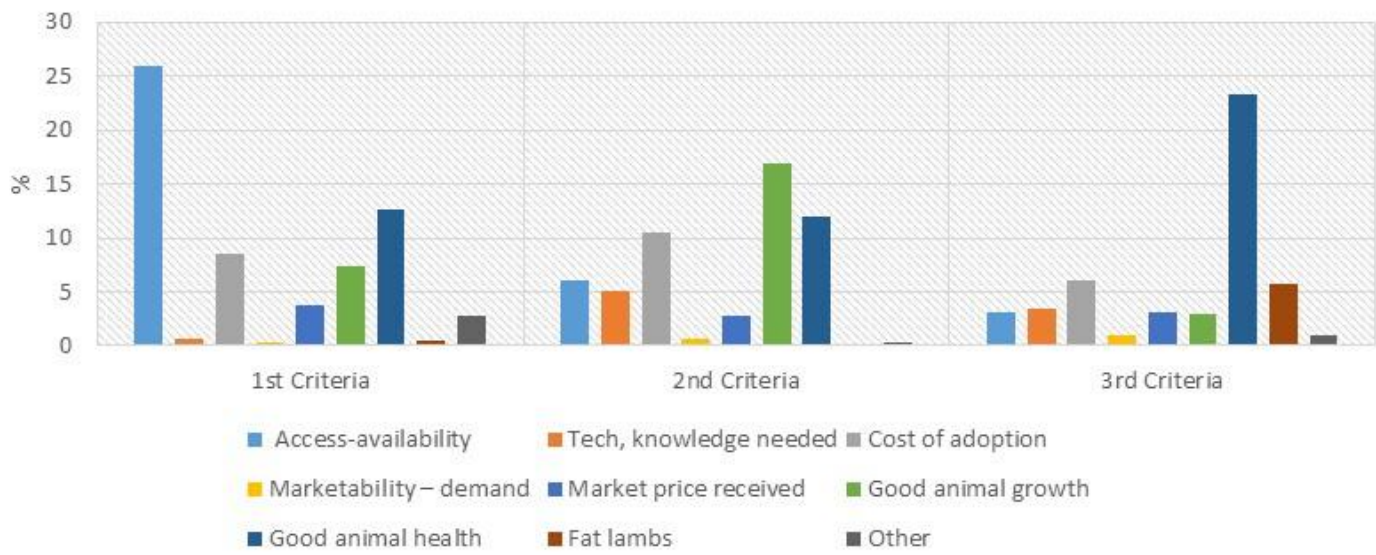


MODULE L: VARIETY/BREED ATTRIBUTES, KNOWLEDGE & PERCEPTION

The most important adoption criteria for vaccination used/Zaghouan



The most important adoption criteria for vaccination used/Kairouan

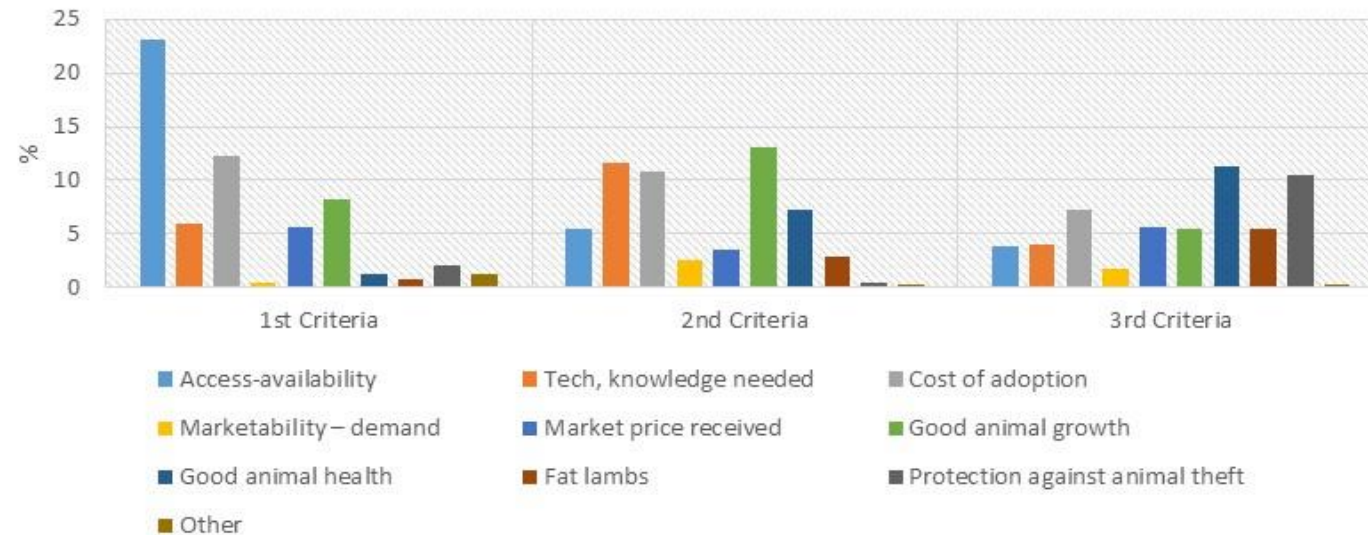


MODULE L: VARIETY/BREED ATTRIBUTES, KNOWLEDGE & PERCEPTION

The most important adoption criteria for herd management /Zaghouan

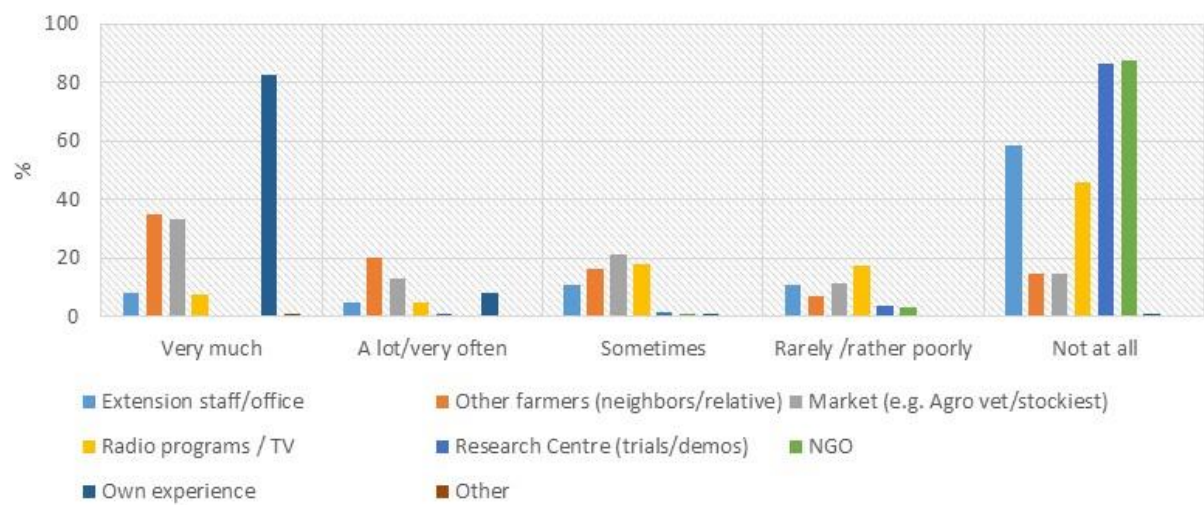


The most important adoption criteria for herd management /Kairouan

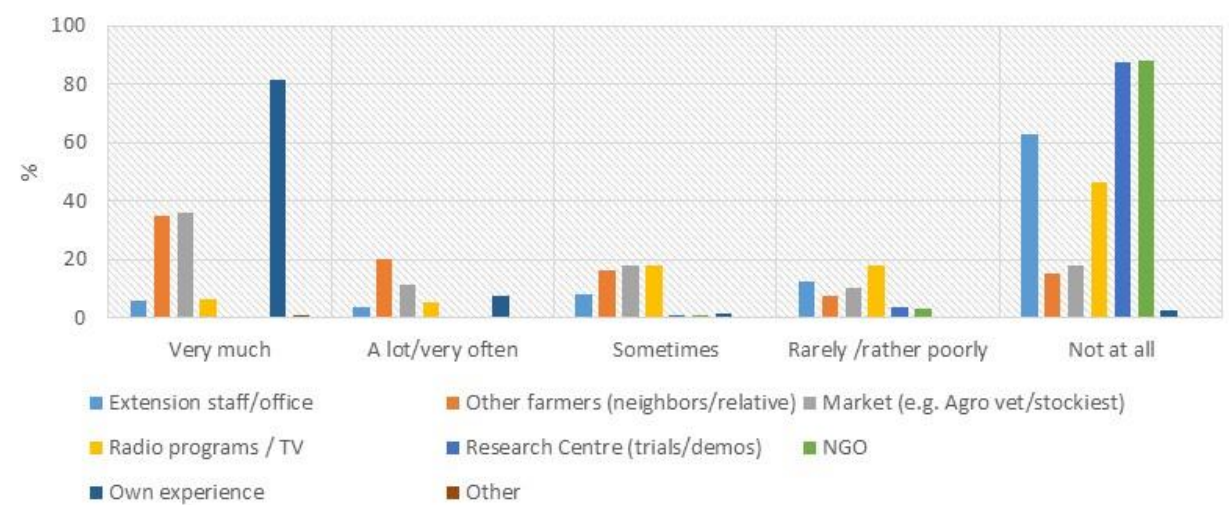


MODULE L: VARIETY/BREED ATTRIBUTES, KNOWLEDGE & PERCEPTION

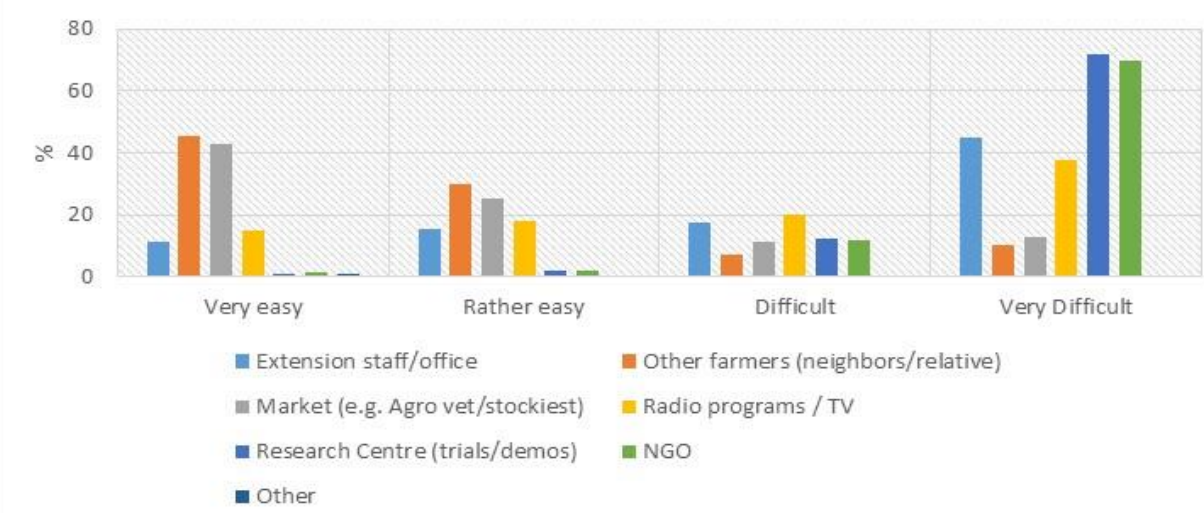
Serves as source of information for crop-animal production/Pooled



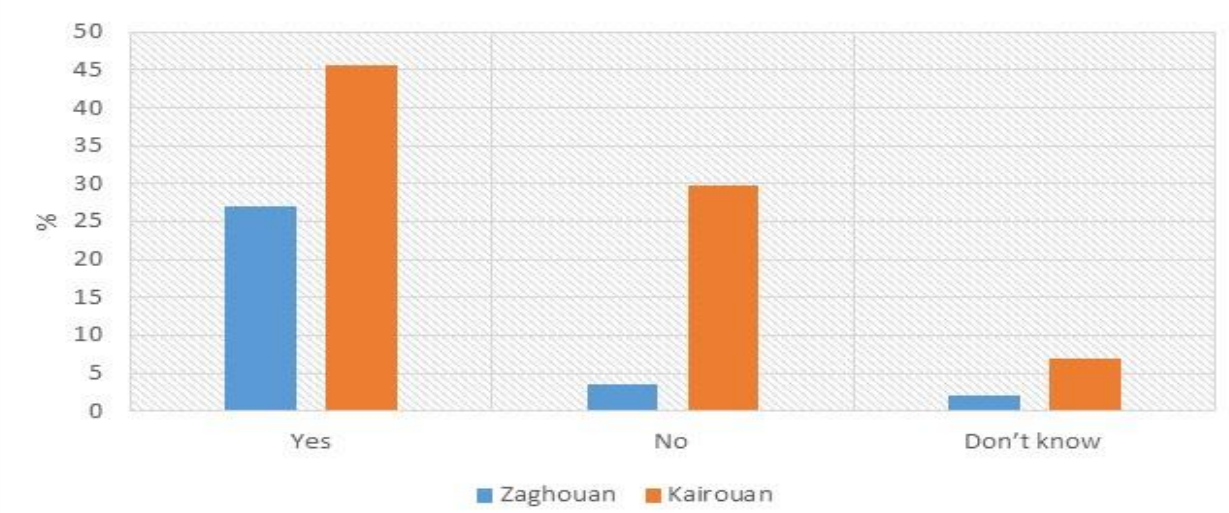
Serves as source of information for the price of market/Pooled



Perception assessment to receive information/Pooled



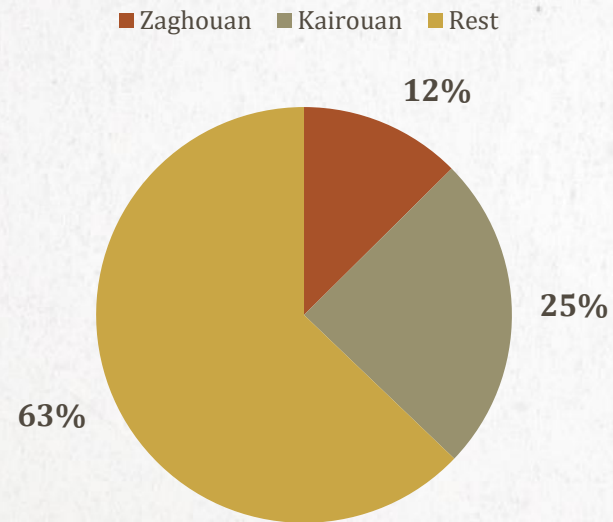
Existing of performance criteria for animals/Pooled



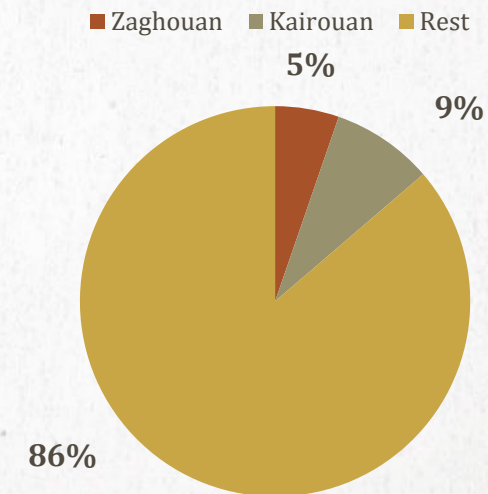
MODULE M: ATHOR SOURCES OF INCOME AND TRANSFER

Occupation type: Extra-agricultural work

Householder having an extra-agricultural work



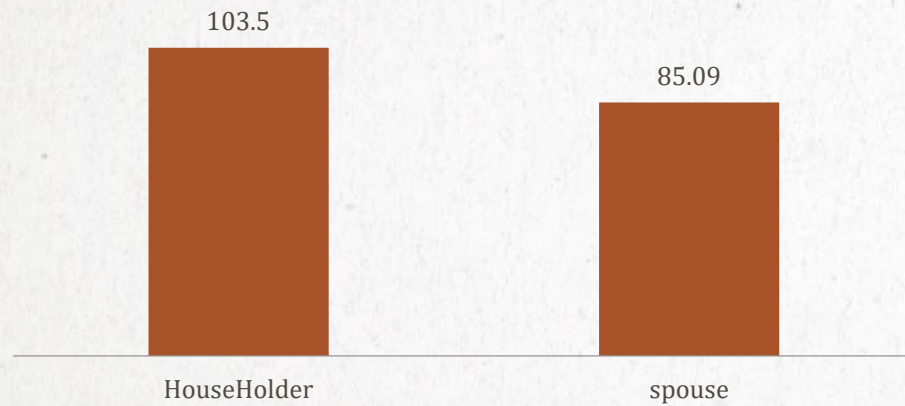
Spouse having an extra-agricultural work



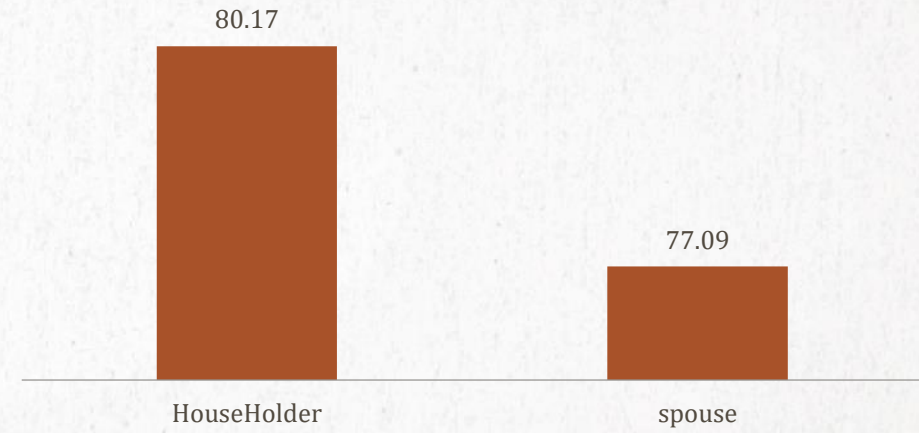
MODULE M: ATHOR SOURCES OF INCOME AND TRANSFER

Number of days worked per month during the last 12 months

**Number of days worked per month
during the last 12 months – Zaghouan**



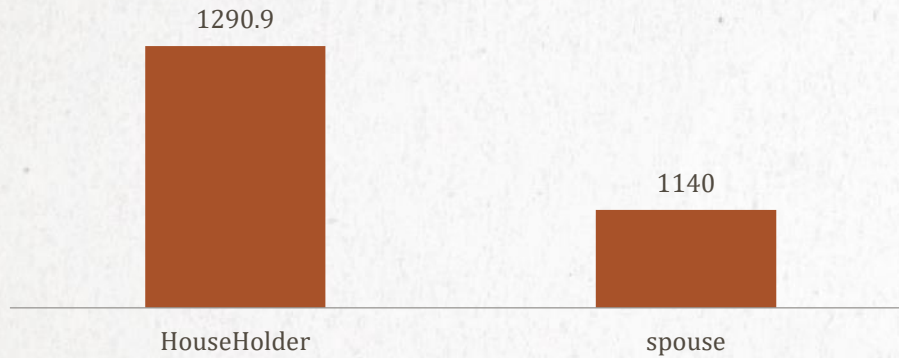
**Number of days worked per month
during the last 12 months – Kairouan**



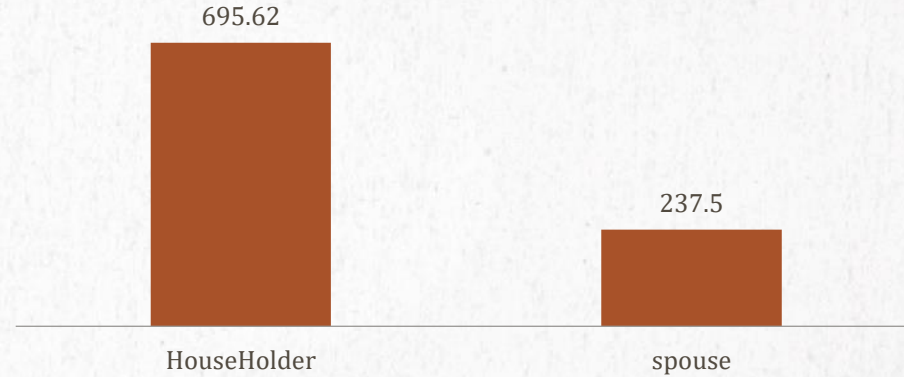
MODULE M: ATHOR SOURCES OF INCOME AND TRANSFER

Mean value of income source (TD)

**Mean value of income source remittances /
gifts / transfer pension/ dividends (TD) -
Zaghuan**



**Mean value of income source remittances /
gifts / transfer pension/ dividends (TD) -
Kairouan**



MODULE N: Non Food Expenditure

HH Spending (Item/service) last year -2015 (in TND) — Zaghouan

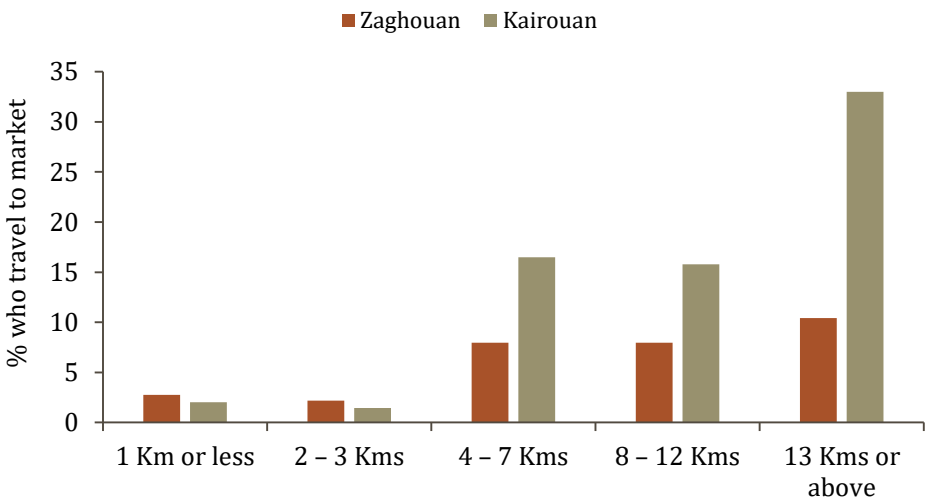
Variable	N	Minimum	Maximum	Mean	Std. Deviation
Clothing, shoes and bags, accessories	213	0.00	6000.00	531.76	648.71
Tuition fees	194	0.00	1800.00	67.89	213.07
Books / Schoolbooks	201	0.00	1200.00	96.38	173.57
School / uniform apron	199	0.00	1200.00	37.92	127.99
Other tuition fees	191	0.00	1500.00	38.84	154.52
Celebration	210	0.00	12000.00	508.54	1591.34
Insurance (e.g. car, life, health)	193	0.00	1400.00	49.21	172.31
Insurance and taxes for motorcycles / cars / agricultural equipment	194	0.00	600.00	27.55	93.11
Transfer for other households	192	0.00	500.00	3.75	37.71
Interest on credits	194	0.00	6000.00	67.73	488.16
Other social costs	190	0.00	1000.00	13.85	95.07

HH Spending (Item/service) last year -2015 (in TND) — Kairouan

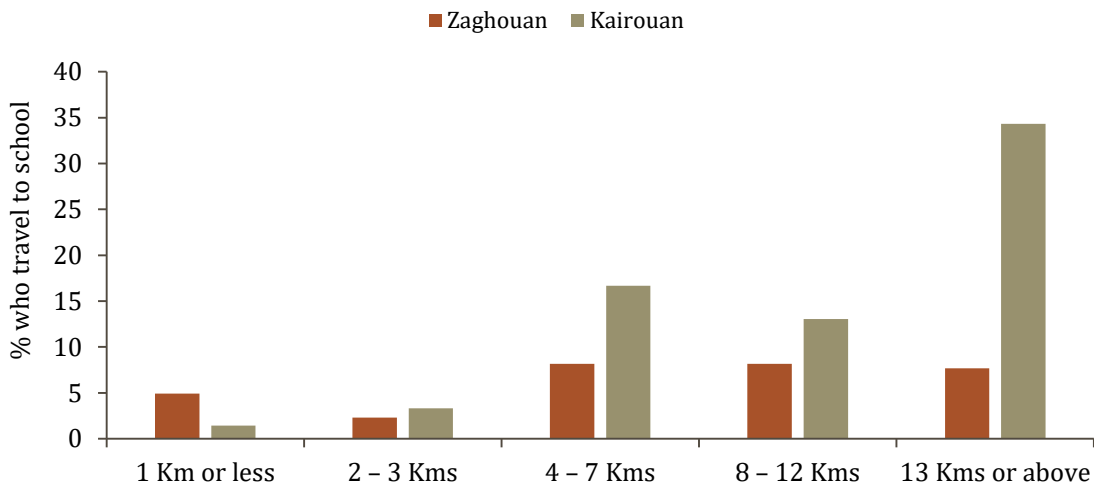
Variable	N	Minimum	Maximum	Mean	Std. Deviation
Clothing, shoes and bags, accessories	474	0.00	3000.00	594.53	542.49
Tuition fees	447	0.00	2000.00	52.95	155.13
Books / Schoolbooks	455	0.00	1000.00	121.44	170.56
School / uniform apron	454	0.00	1000.00	44.77	95.49
Other tuition fees	438	0.00	1200.00	33.39	113.80
Celebration	467	0.00	50000.00	776.88	3075.05
Insurance (e.g. car, life, health)	441	0.00	1500.00	63.50	185.51
Insurance and taxes for motorcycles / cars / agricultural equipment	452	0.00	2000.00	69.01	196.90
Transfer for other households	442	0.00	990.00	9.45	70.91
Interest on credits	439	0.00	10500.00	163.15	897.62
Other social costs	436	0.00	600.00	17.07	82.37

MODULE 0 – ACCESS TO SOCIO-ECONOMIC INFRASTRUCTURE

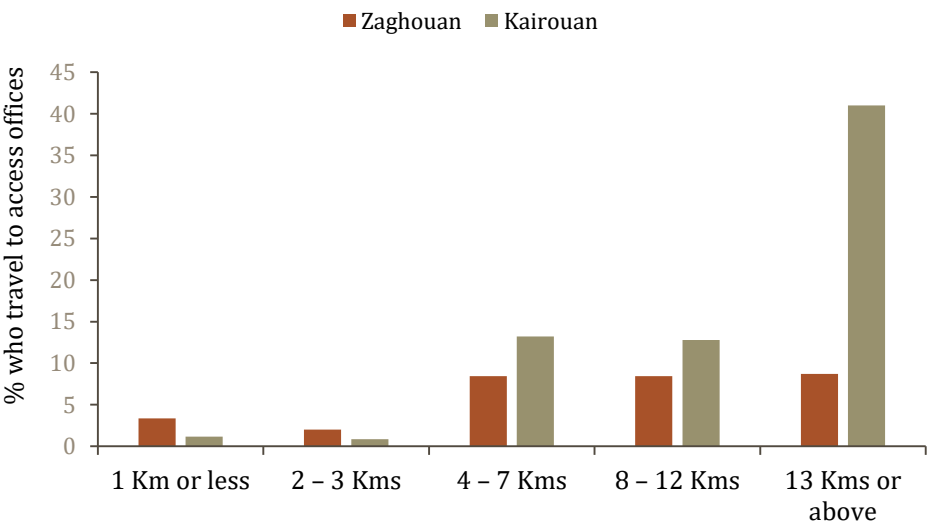
Distance to nearest village- market



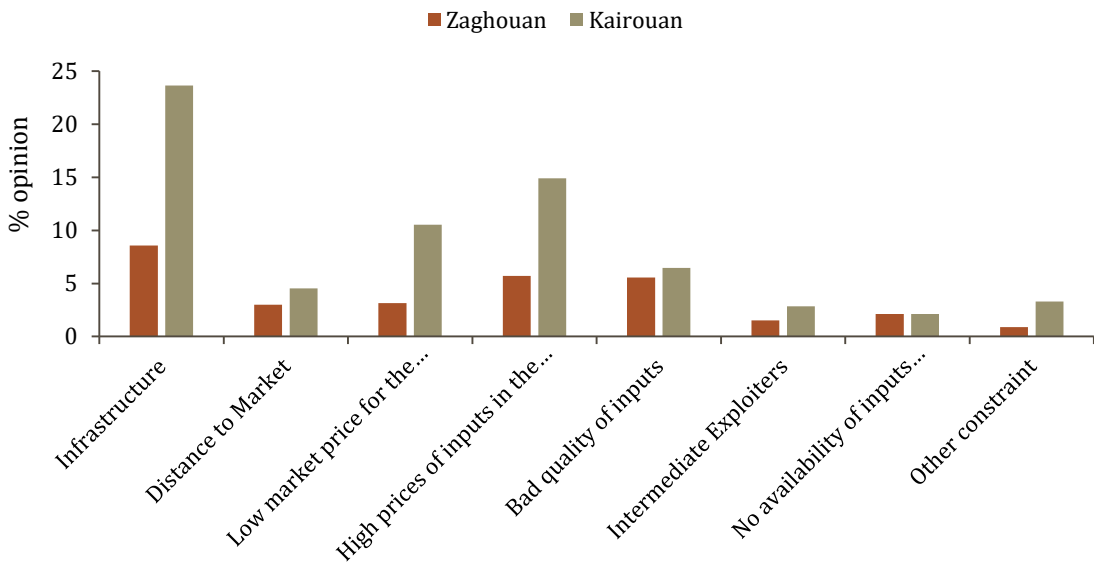
Distance to nearest secondary school



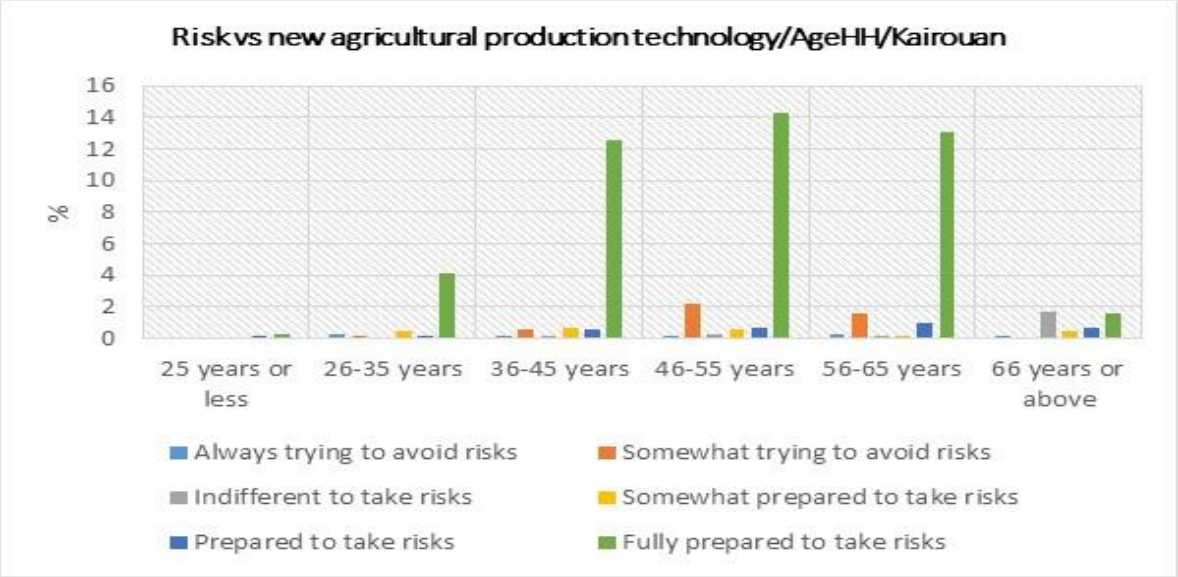
Distance to access extension offices



Three most important constraints

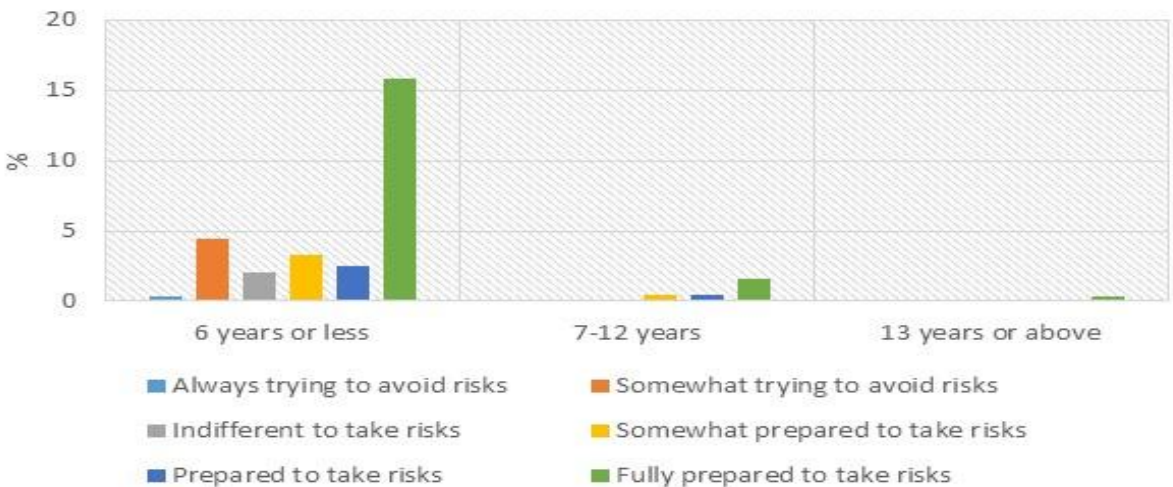


MODULE P: Self Assessment of Risk

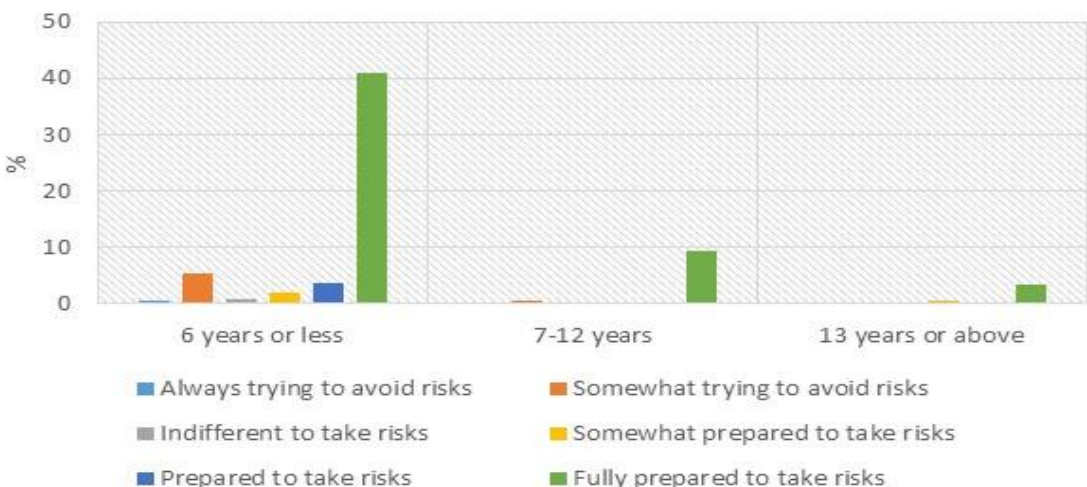


MODULE P: Self Assessment of Risk

Risks vs new agricultural production technology/Years ScHH/Zaghouan



Risks vs new agricultural production technology/Years ScHH/Kairouan



Risks vs new agricultural production technology/Size HH/Zaghouan



Risks vs new agricultural production technology/Size HH/Kairouan



MODULE P: Self Assessment of Risk

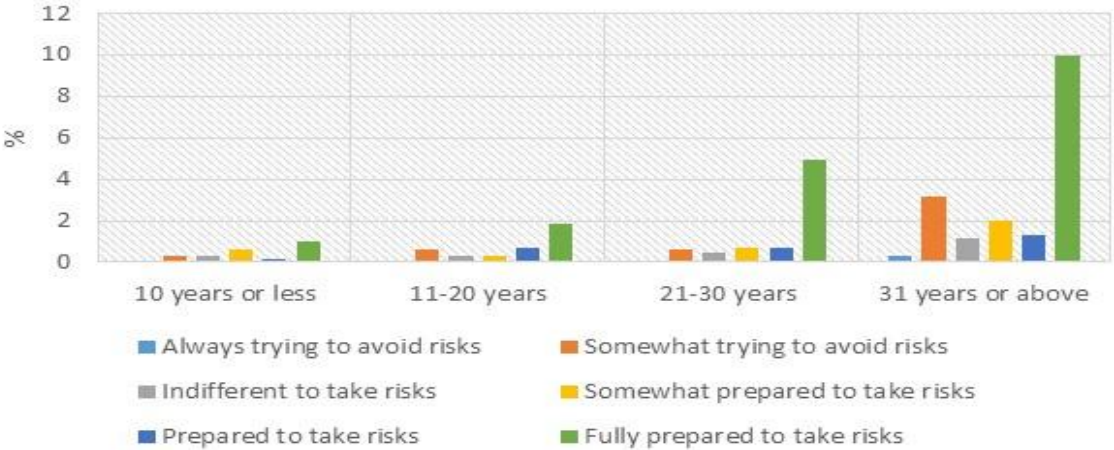
Risks vs new agricultural production technology/Marital status Head HH/Zaghouan



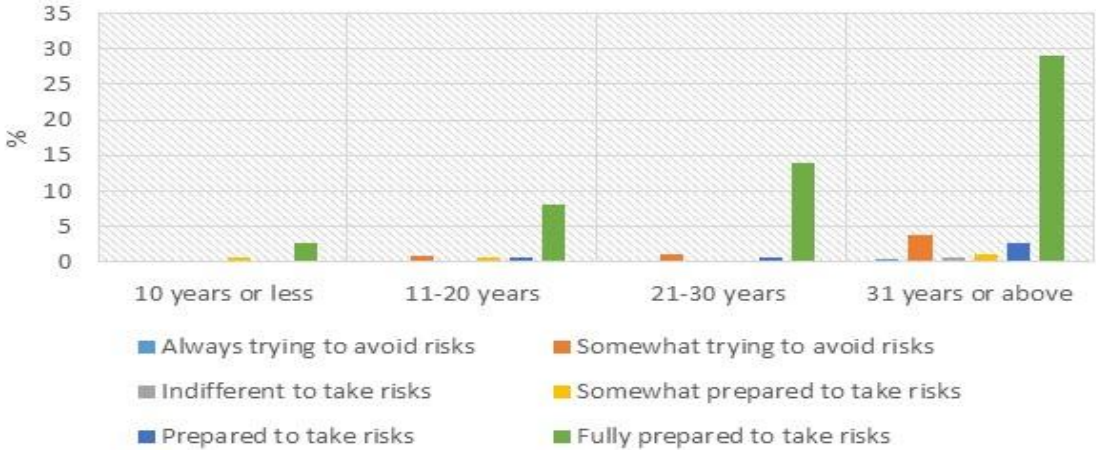
Risks vs new agricultural production technology/Marital status Head HH/Kairouan



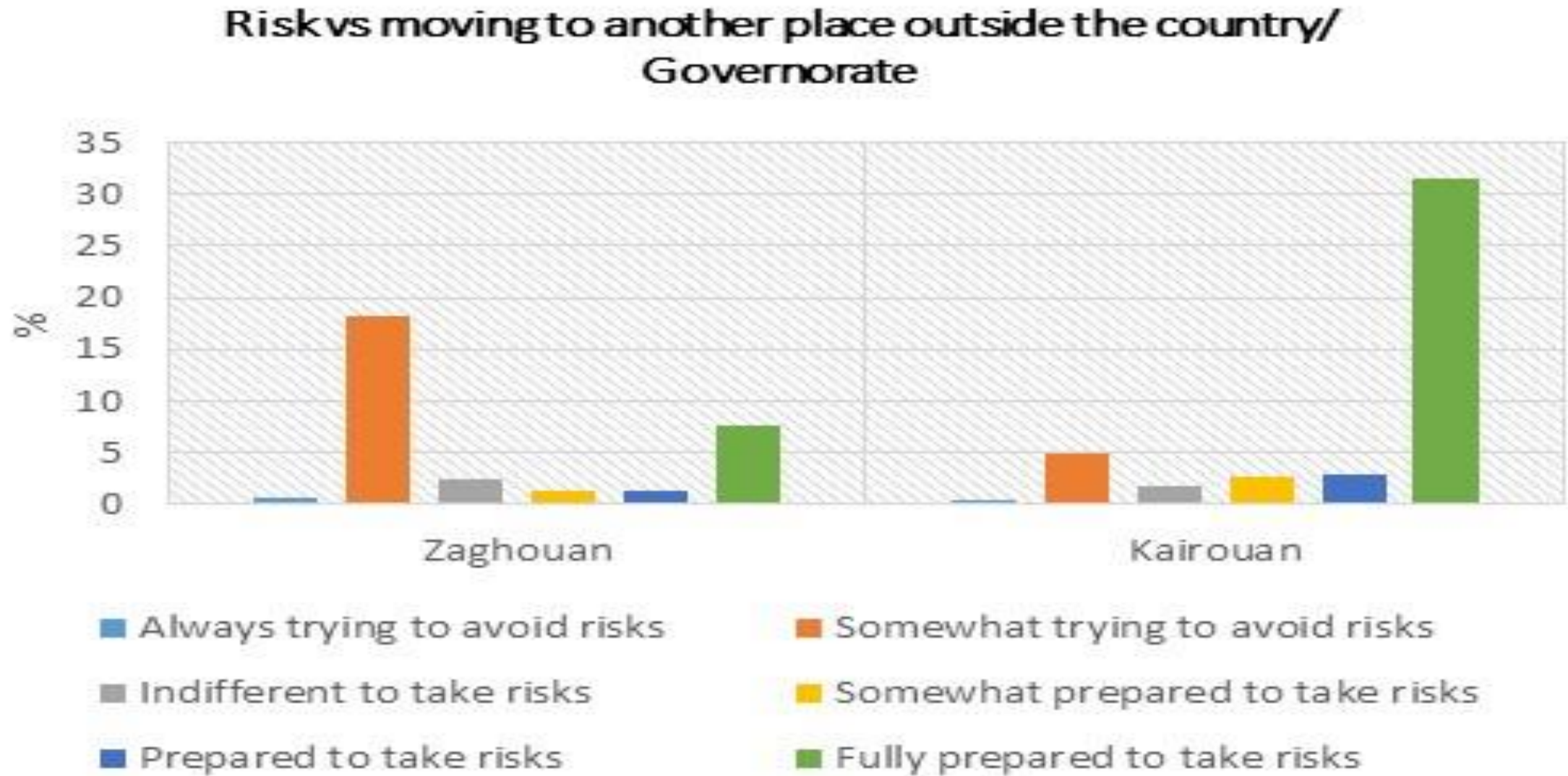
Risks vs new agricultural production technology/Experience in agriculture Head HH/Zaghouan



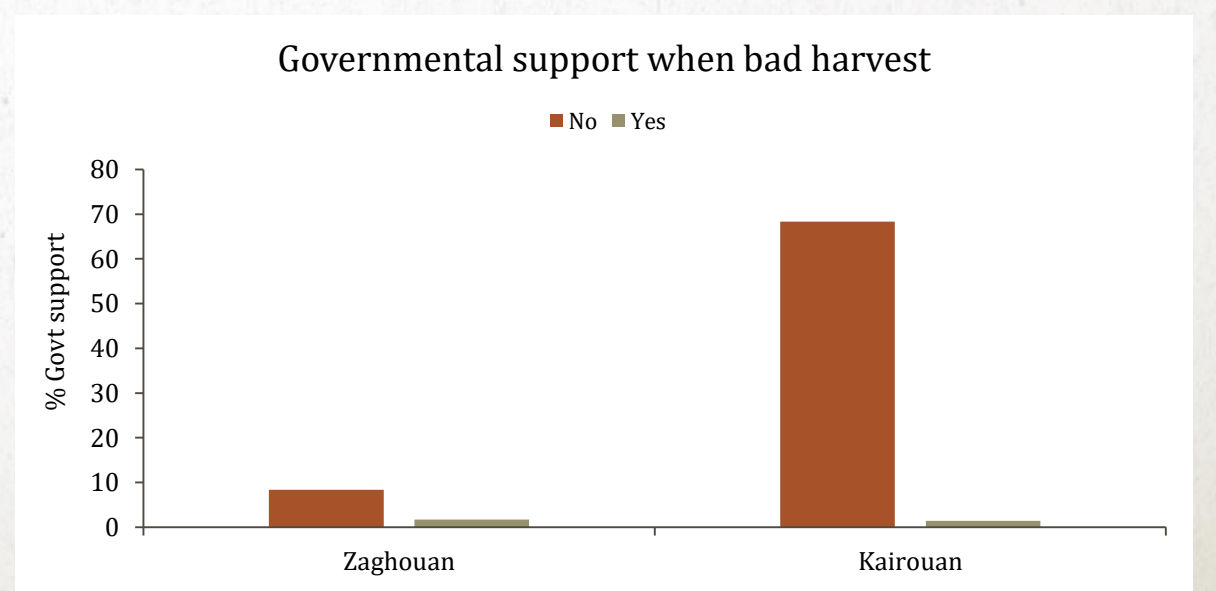
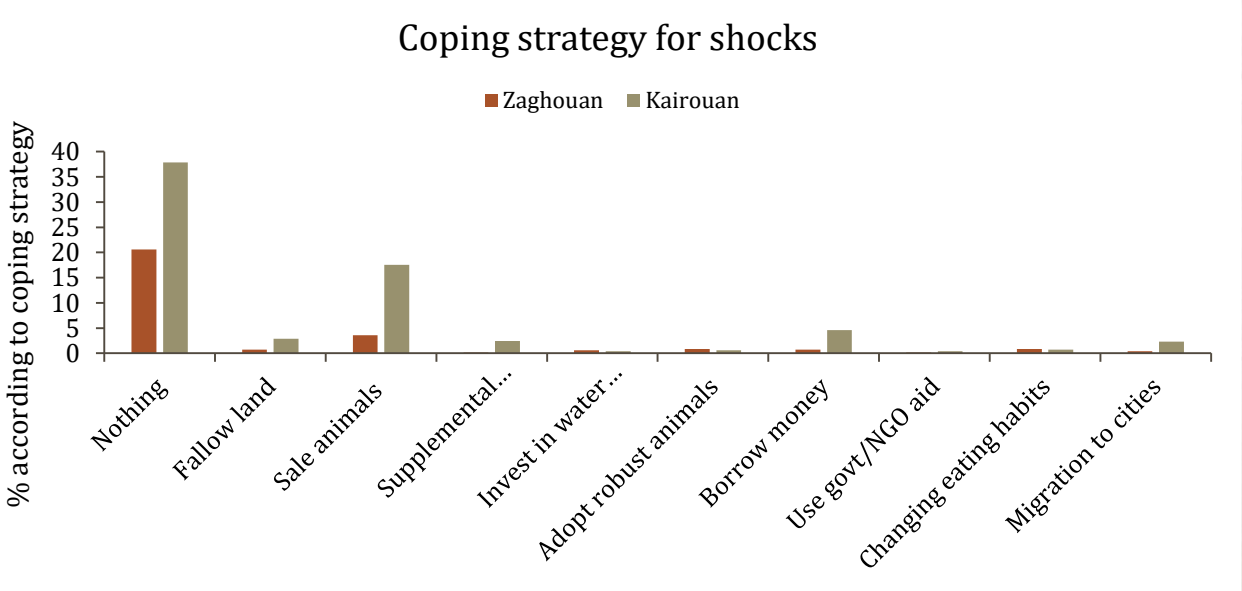
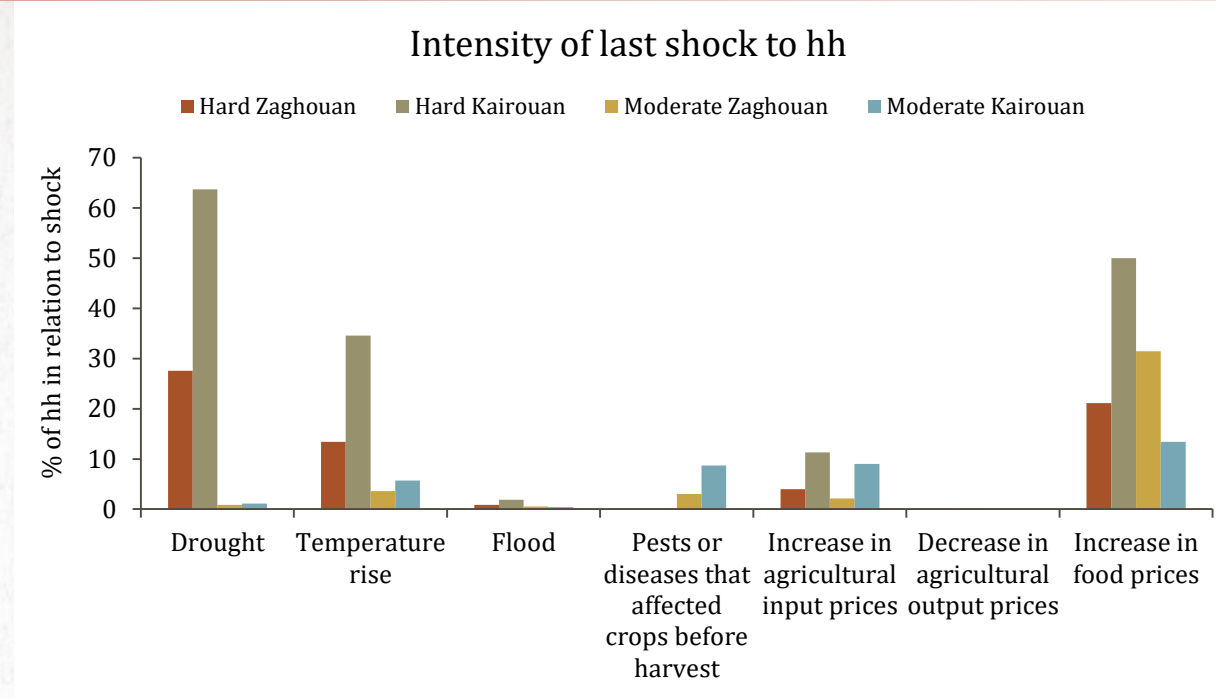
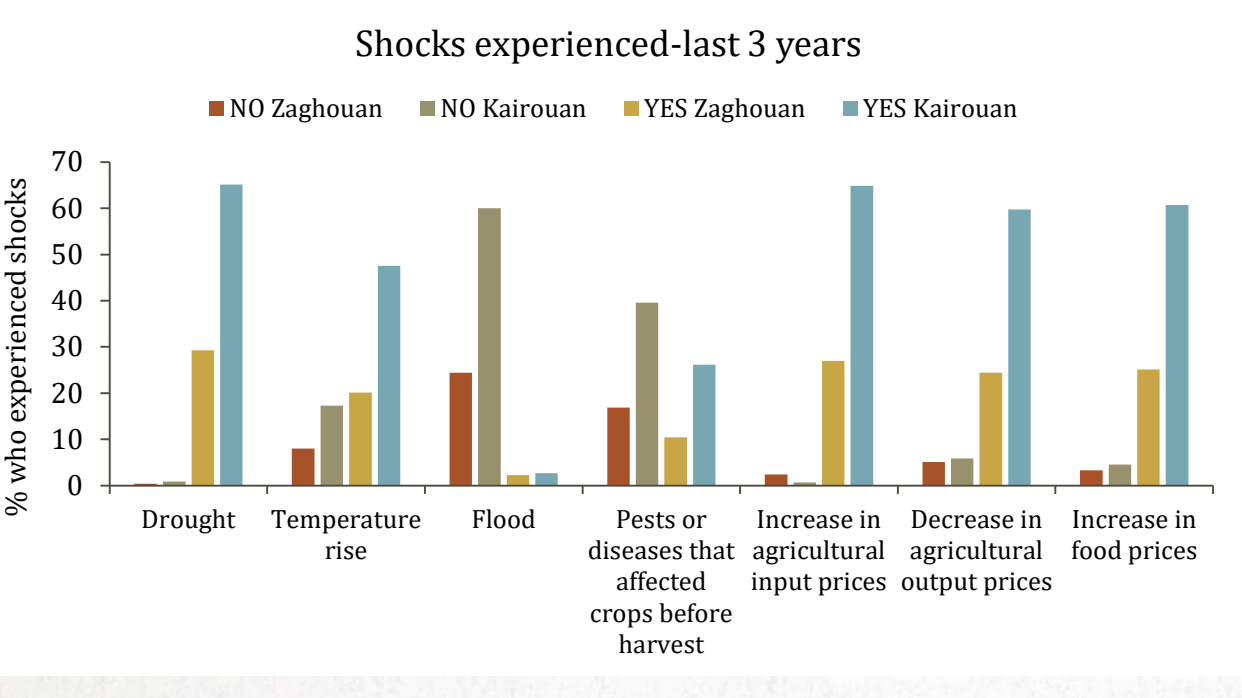
Risks vs new agricultural production technology/Experience in agriculture Head HH/Kairouan



MODULE P: Self Assessment of Risk



MODULE R – SHOCKS EXPERIENCED BY THE HOUSEHOLD



MODULE S1: 7 DAYS FOOD RECALL

Quantity of items eaten in the last 7 days

	Zaghouan				Kairouan			
	N	Minimum	Maximum	Mean	N	Minimum	Maximum	Mean
Wheat flour (kg)	63	1,5	42	13,3	178	1	50	15
Bread (pièce)	166	1	180	21,6	376	1	114	20,6
Noodles (kg)	135	0,5	131	4,55	413	0,5	25	2,6
Couscous (kg)	188	0,5	15	2,72	431	0,2	41	2,75
Rice (kg)	63	0,25	10	1,1	90	0,25	5,5	1,36
Cereals (Corn, barley) (kg)	19	1	50	15,8	52	1	60	18,2
Vegetables (kg)	2	10	10	10	2	1	2	1,5
Onions (kg)	188	0,5	5	1,67	422	0,5	10	1,69
Peppers (kg)	171	0,5	5	13,1	365	0,5	10	2,05
Carrots(kg)	150	1	5	1,63	348	0,5	8	1,69
Chickpea (kg)	70	0,1	3,5	0,63	153	0,01	3	0,64
Turnips (kg)	48	0,1	5	1,29	425	0	8	1,47
Potato(kg)	189	1	8	2,64	66	1	10	2,64
Olives (kg)	53	0,05	5	0,85	53	0,05	5	0,85
Dairy products (L)	5	0,25	7	2,25	6	0	7	1,88
Milk (L)	146	0,5	21	5,87	146	0,5	21	5,87
Cheese (piece)	26	1	32	10,1	26	1	32	10,1
Yogurt (piece)	51	2	163	14,7	51	2	2	14,7
Cream (kg)	1	3	3	3	3	1	5	2,13
Meat (kg)	0	3	3	3	4	0,625	2	1,07
Fish (kg)	92	1	11	1,89	92	1	11	1,89
Oil, Fats // (Butter, Vegetable Oil, Olive Oil (can be subsidized) (L)	184	0,2	12	2,82	184	0,2	12	2,83
Sugar (kg)	188	0,5	5	1,84	188	0,5	5	1,84

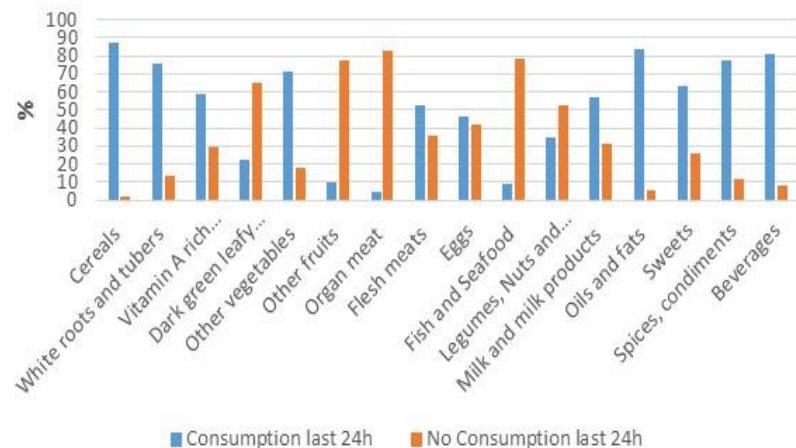
MODULE S1: 7 DAYS FOOD RECALL

Amount of money spent on these products in the last 7 days

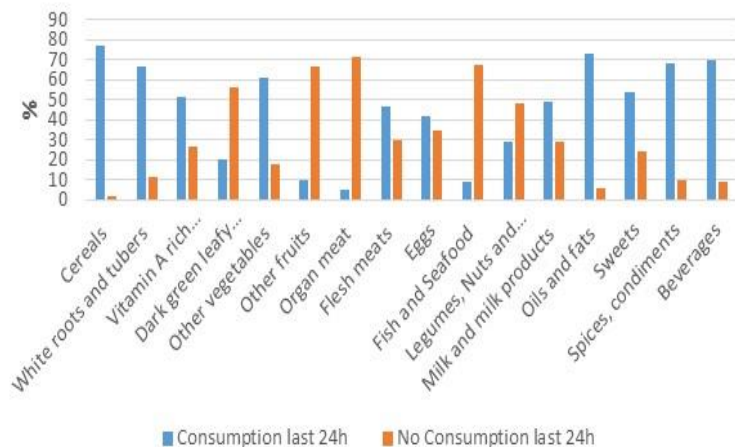
Variable/Item	zaghouan				kairouan			
	N	Minimum	Maximum	Mean	N	Minimum	Maximum	Mean
Wheat flour	20	0,675	15,75	6,72	66	0,45	22,5	6,76
Bread	34	0,46	11,2	4,2	48	0,1	28	4,45
Noodles	41	0,41	4,92	2,26	78	0,41	5,88	2,13
Cereals (Corn, barley)	7	3,6	22,5	7,71	6	0,6	22,5	8,6
Vegetables	16	0,8	20,65	9	39	3,5	30,4	10,3
Fresh tomatoes	4	0,9	3	1,91	401	2	2	2
Capers	3	0,6	1,3		0	0	0	0
Celery	4	0,4	3	1,1	0	0	0	0
Turnips	1	0,7	0,7	0,7	0	0	0	0
Eggs	2	1	3	2	5	0,15	3	1,07
Fruits	14	2	10	4,25	34	1,2	13,2	3,28
Lemon	1	3	3	3	1	2,4	2,4	2,4
Oranges	0	0	0	0	5	1,5	3	2,46
Dates	3	2,5	3	2,83	3	2	3	2,67
Olives	2	1	20,8	10,9	2	3	3	3
Dairy products	3	1,13	8,2	4,63	27	1,13	21	7,35
Cheese	0	0	0	0	2	1,8	3	2,4
Meat	1	4,2	4,2	4,2	32	3	48	11,5
Fish	19	2,2	32	6,99	8	1	12,5	4,93
Oil, Fats // (Butter, Vegetable Oil, Olive Oil (can be subsidized)	52	0,45	67	5,61	88	0,5	28	4,57
Sugar	48	0,45	38	2,65	86	0,225	4	2,02
Honey	2	0,45	38	2,65	4	1	45	12,6

MODULE S2: 24 Hours Food Frequency

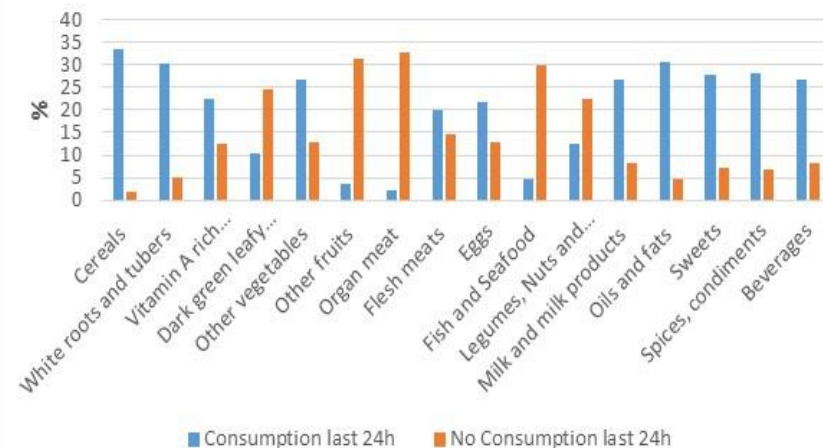
Consumption of food items during last 24 hours – Male Respondent/Pooled



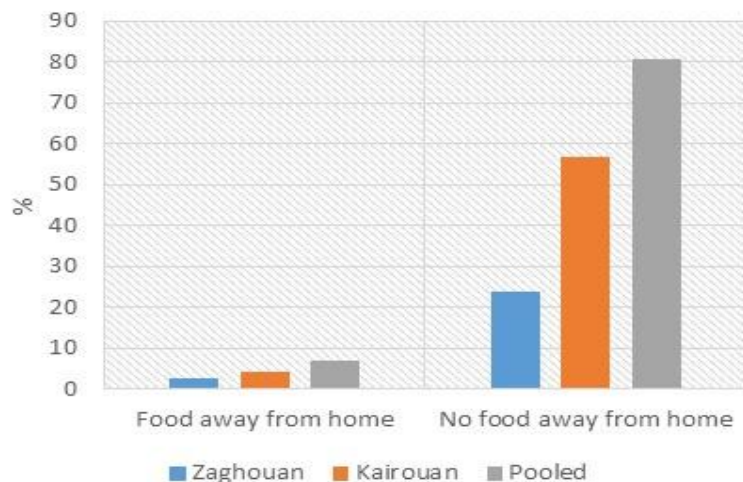
Consumption of food items during last 24 hours – Female Respondent/Pooled



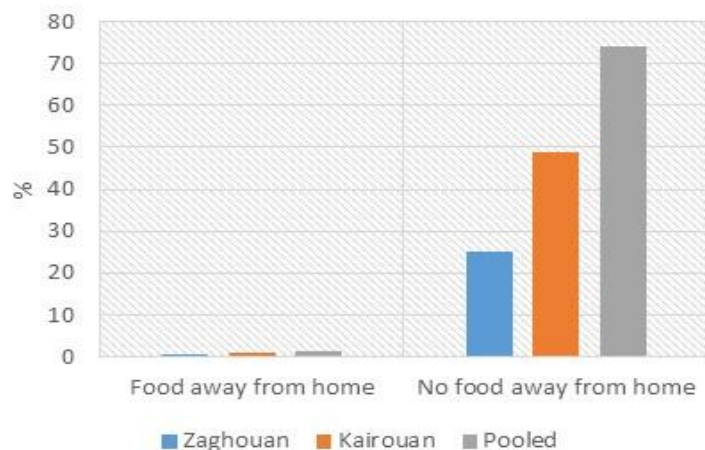
Consumption of food items during last 24 hours – Child > 2 years Respondent/Pooled



Consumption away from home – Male Respondent



Consumption away from home – Female Respondent



Consumption away from home – Child > 2 years Respondent



MODULE FO: FARMERS ORGANISATIONS

**Presentation by
Udo**

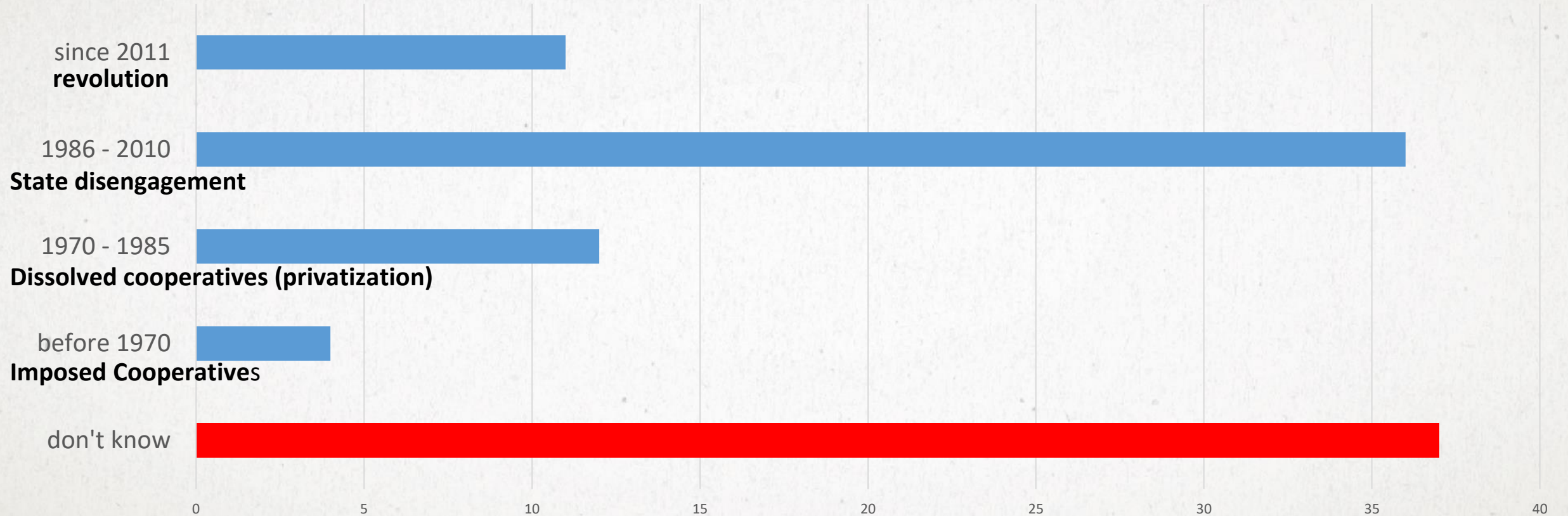
MODULE FARMER'S ORGANIZATIONS

- ① 1. Level of organization / type of FO
- ② 2. Services provided by FO
- ③ 3. Change of leadership in FO
- ④ 4. Income sources of FO
- ⑤ 5. Collaboration of FO
- ⑥ 6. Level of Satisfaction of FO members
- ⑦ 7. Expectations of non - members

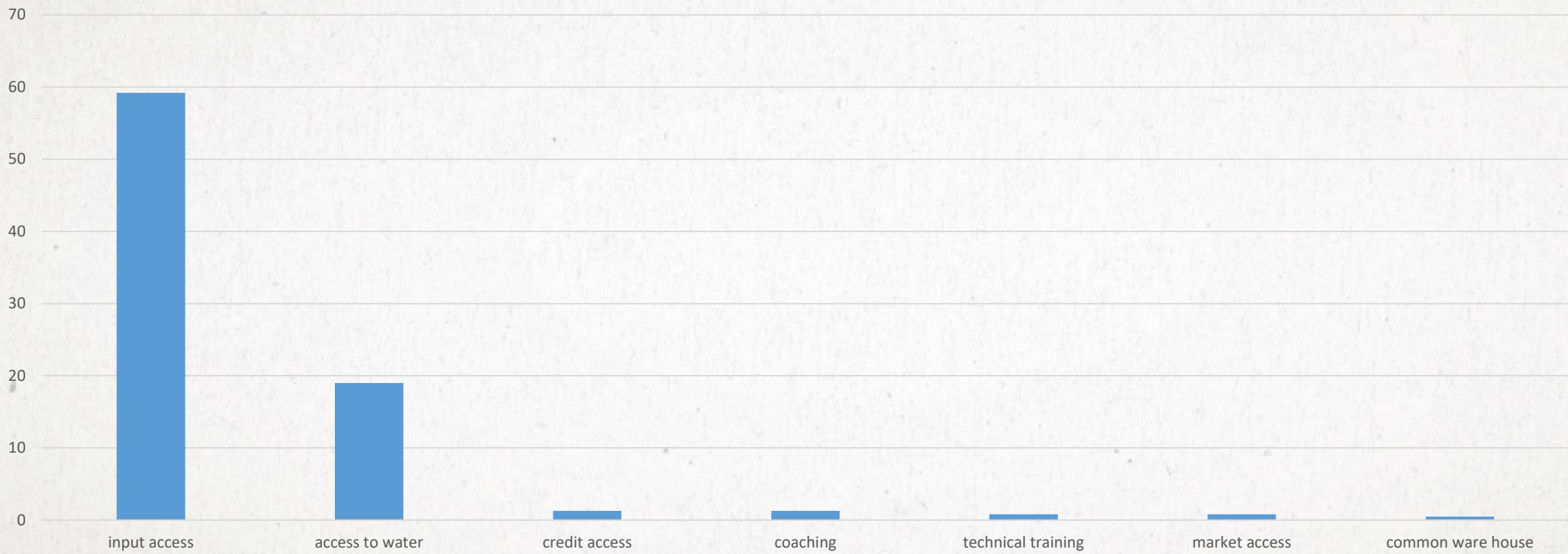
FARMER BELONGING TO FARMER'S ORGANIZATIONS

	Total sample frequency	Organized farmers (frequency	Organized farmers %	% GDA (farmer association)	% UTAP (farmer union)	% SMSA (cooperative)
Zaghouan						
Male	155	93	16.82	7,85	18.48	0
Female	11	7	1.26	0,76	1.27	0
SND	2	1	0.18	0	0.25	0
Total Zaghouan	168	101	18.26	8,61	20	0
Kairouan						
Male	359	280	50.63	32.15	47.34	0
Female	23	14	2.53	1.01	2.78	0
SND	3	0	0	0	0	0
Total Kairouan	385	294	53.16	33.16	50.13	0
Pooled						
Male	514	373	67.45	40	65.82	0
Female	34	21	3.8	1.77	4.05	0
SND	5	1	0.18	0	0.25	0
Total	553	395	71.43	41.77	70.13	0

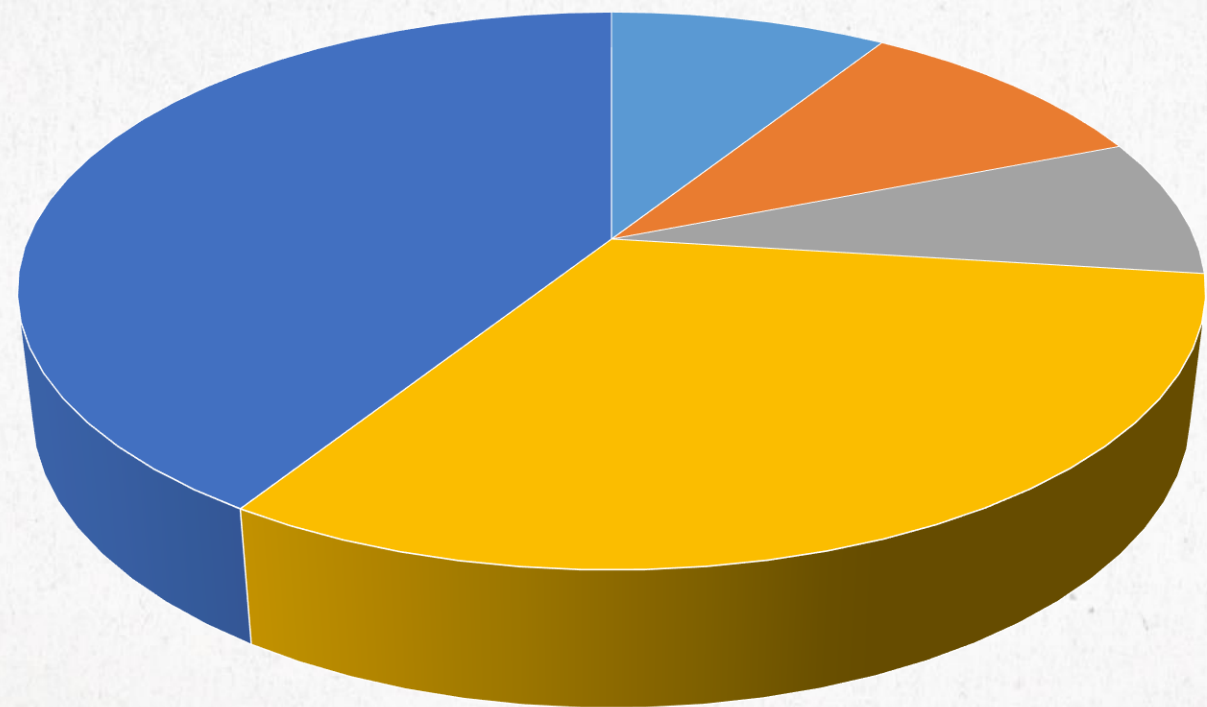
AGE OF FARMER ORGANIZATIONS



SERVICES PROVIDED BY FARMER ORGANIZATIONS TO THEIR MEMBERS

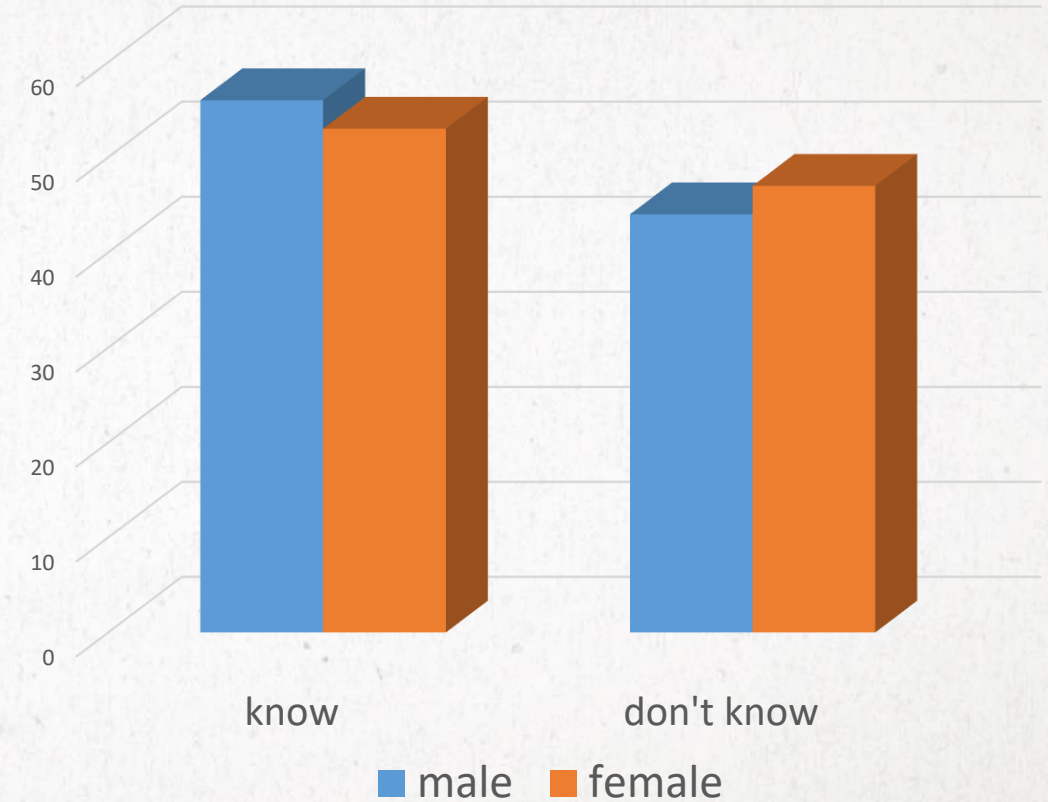
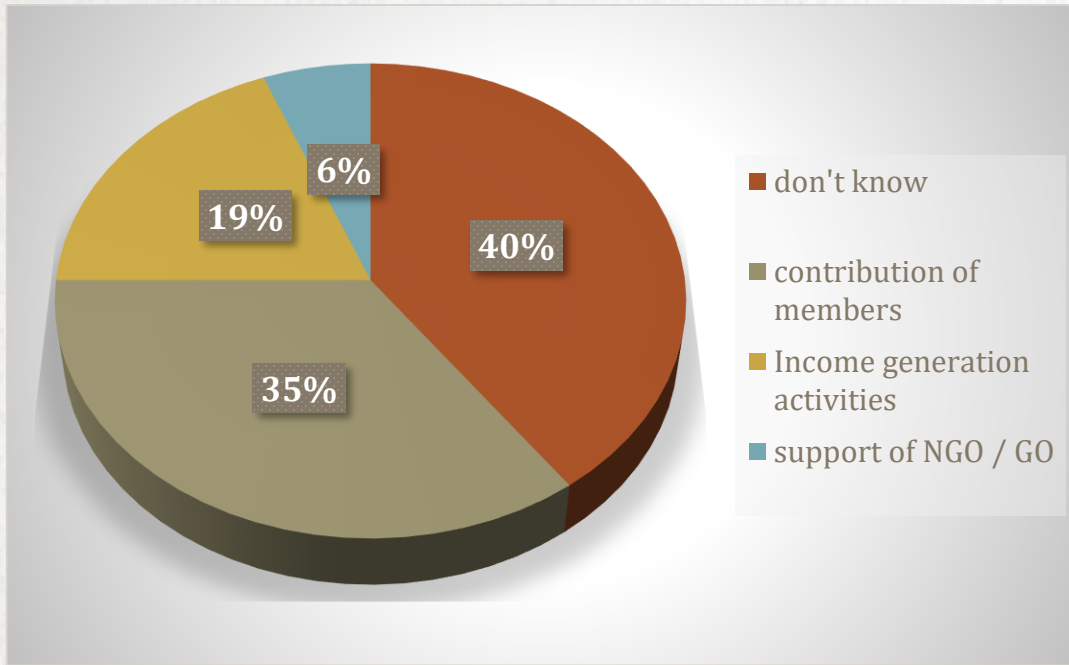


CHANGE OF LEADERSHIP IN FARMER ORGANIZATIONS

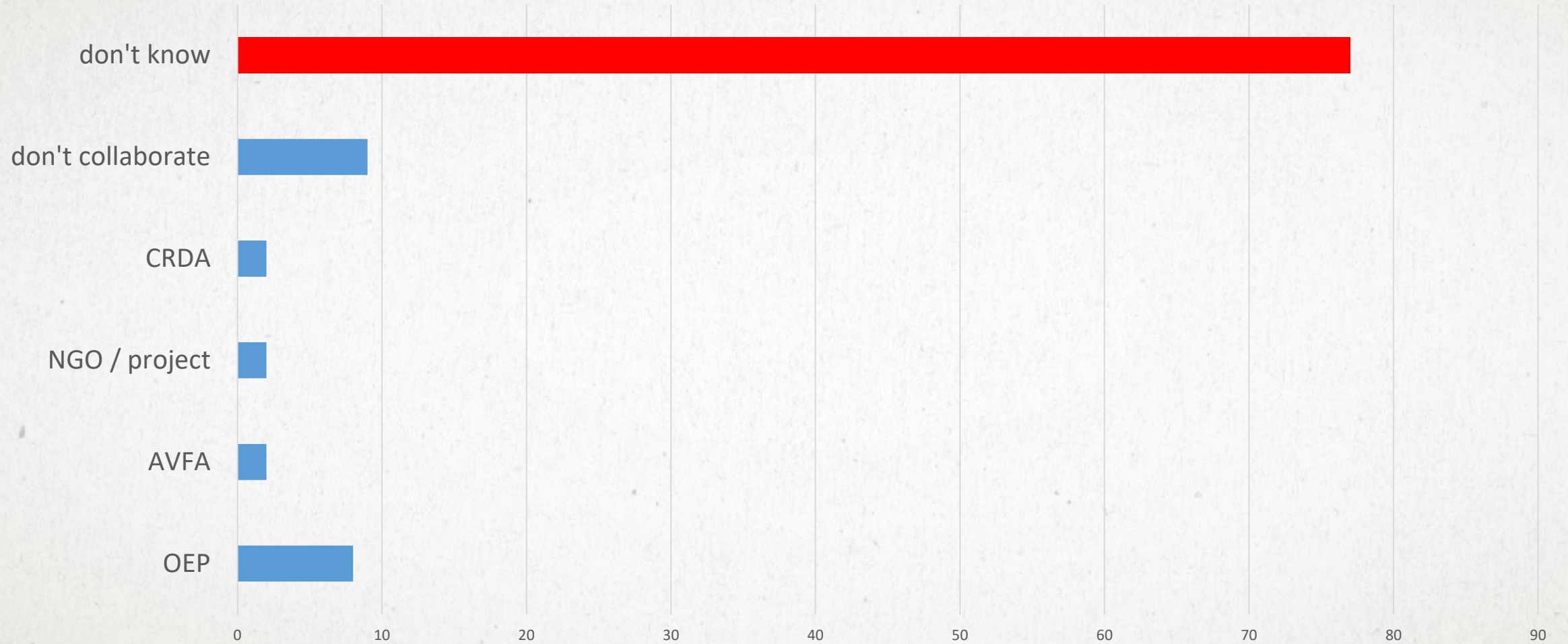


■ leaders never changed ■ changed once ■ changed twice ■ changed more than twice ■ don't know

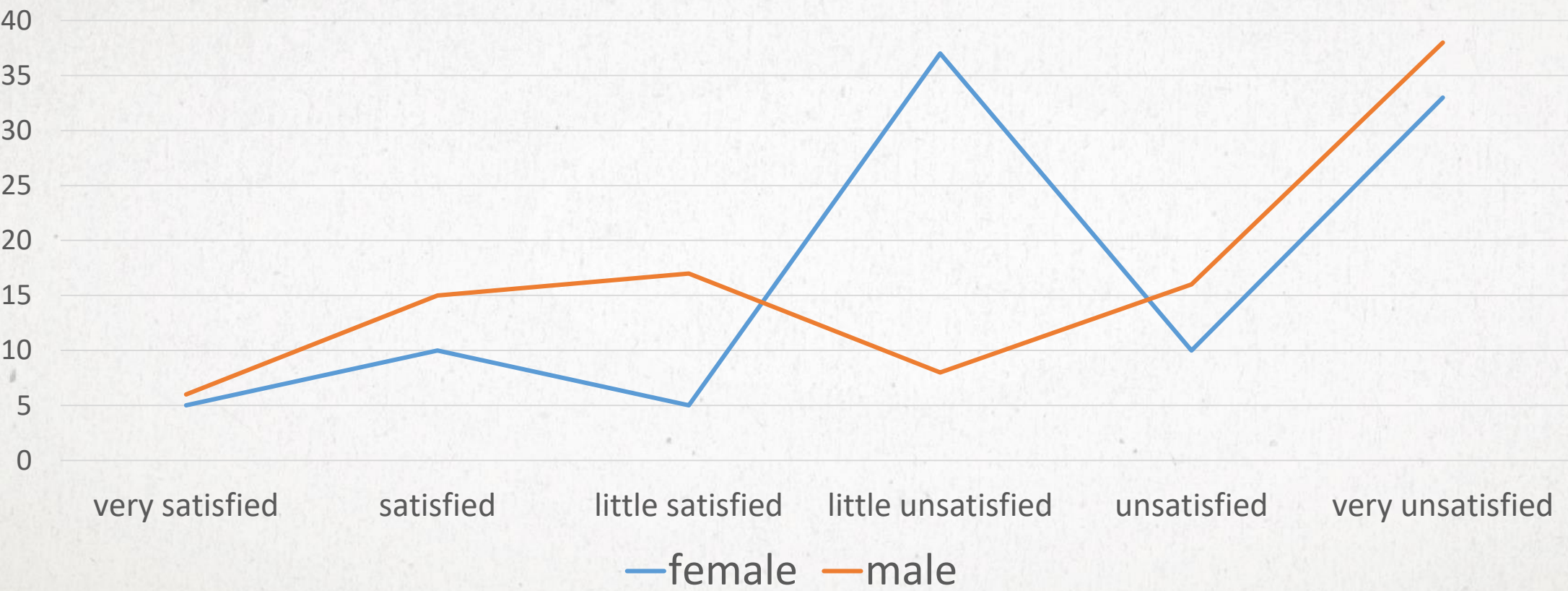
SOURCE OF INCOME OF FARMER ORGANIZATIONS



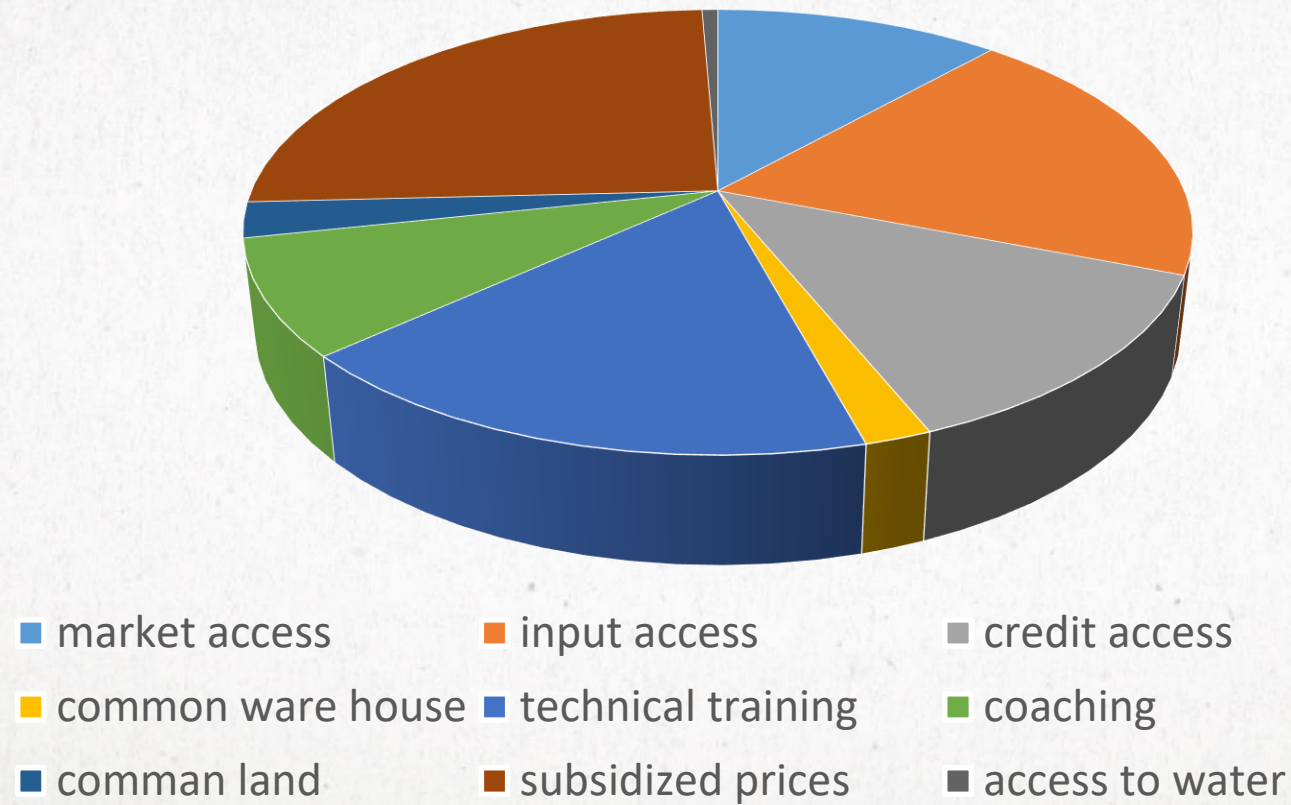
COLLABORATION OF FO WITH OTHER ORGANIZATIONS



LEVEL OF SATISFACTION WITH FARMER ORGANIZATIONS



EXPECTATIONS ON FARMER ORGANIZATION SERVICES BY NON - MEMBERS



SUMMARY KEY POINTS

- About 72 % of farmers are organized in GDA or UTAP ; no cooperative
- 60% of FO provide inputs (subsidies) to members, almost no access to market or credit
- 2 / 3 of farmers are unsatisfied with performance of their FO
- 2 / 3 of farmers don't know how many employees (permanent or temporary) their organization has approximately
- Almost 40% don't know when the approximate age of their FO
- 40 % don't know if leaders of FO are changing and how their FO is financed
- Almost 80 % don't know with whom their FO is collaborating
- Over 60 % of non – members would like to join a FO

CONCLUSION:

- **Lack of transparency in FO and interest of FO members**
 - **Large gap between expectations and real services delivered by FO**
-



Thank You

Questions / Comments