

Supplementary table 1. Animal commodities included in analysis [33].

FAO		FAO Item		Years used in
Element	Element	Code	Item	average
Code				
5510	Production	867	Meat, cattle	2013-2017
5510	Production	1058	Meat, chicken	2013-2017
5510	Production	1069	Meat, duck	2013-2017
5510	Production	1035	Meat, pig	2013-2017
5510	Production	977	Meat, sheep	2013-2017
5510	Production	1080	Meat, turkey	2013-2017
5510	Production	882	Milk, whole fresh cow	2013-2017
5510	Production	1062	Eggs, hen, in shell	2013-2017

Supplementary table 2. Vegetable commodities included in analysis [37].

FAO		FAO Item		Years used in
Element	Element	Code	Item	average
Code				
5510	Production	44	Barley	2013-2017
5510	Production	89	Buckwheat	2013-2017
5510	Production	108	Cereals, nes	2013-2017
5510	Production	94	Fonio	2013-2017
5510	Production	103	Grain, mixed	2013-2017
5510	Production	56	Maize	2013-2017
5510	Production	79	Millet	2013-2017
5510	Production	75	Oats	2013-2017
5510	Production	92	Quinoa	2013-2017
5510	Production	27	Rice, paddy	2013-2017
5510	Production	71	Rye	2013-2017
5510	Production	83	Sorghum	2013-2017
5510	Production	97	Triticale	2013-2017
5510	Production	15	Wheat	2013-2017
5510	Production	125	Cassava	2013-2017
5510	Production	116	Potatoes	2013-2017
5510	Production	149	Roots and tubers, nes	2013-2017
5510	Production	122	Sweet potatoes	2013-2017
5510	Production	136	Taro (cocoyam)	2013-2017
5510	Production	137	Yams	2013-2017
5510	Production	135	Yautia (cocoyam)	2013-2017
5510	Production	203	Bambara beans	2013-2017
5510	Production	176	Beans, dry	2013-2017
5510	Production	181	Broad beans, horse	2013-2017

			beans, dry	
5510	Production	191	Chick peas	2013-2017
5510	Production	195	Cow peas, dry	2013-2017
5510	Production	201	Lentils	2013-2017
5510	Production	210	Lupins	2013-2017
5510	Production	187	Peas, dry	2013-2017
5510	Production	197	Pigeon peas	2013-2017
5510	Production	211	Pulses, nes	2013-2017
5510	Production	205	Vetches	2013-2017
5510	Production	414	Beans, green	2013-2017
5510	Production	417	Peas, green	2013-2017
5510	Production	366	Artichokes	2013-2017
5510	Production	367	Asparagus	2013-2017
			Cabbages and other	
5510	Production	358	brassicas	2013-2017
5510	Production	426	Carrots and turnips	2013-2017
5510	Production	378	Cassava leaves	2013-2017
			Cauliflowers and	
5510	Production	393	broccoli	2013-2017
			Chillies and peppers,	
5510	Production	401	green	2013-2017
			Cucumbers and	
5510	Production	397	gherkins	2013-2017
5510	Production	399	Eggplants (aubergines)	2013-2017
5510	Production	406	Garlic	2013-2017
			Leeks, other alliaceous	
5510	Production	407	vegetables	2013-2017
5510	Production	372	Lettuce and chicory	2013-2017
5510	Production	446	Maize, green	2013-2017
			Mushrooms and	
5510	Production	449	truffles	2013-2017
5510	Production	430	Okra	2013-2017
5510	Production	403	Onions, dry	2013-2017
5510	Production	402	Onions, shallots, green	2013-2017
			Pumpkins, squash and	
5510	Production	394	gourds	2013-2017
5510	Production	373	Spinach	2013-2017
5510	Production	423	String beans	2013-2017
5510	Production	388	Tomatoes	2013-2017
5510	Production	463	Vegetables, fresh nes	2013-2017
			Vegetables,	
5510	Production	420	leguminous nes	2013-2017
5510	Production	515	Apples	2013-2017

5510	Production	526	Apricots	2013-2017
5510	Production	572	Avocados	2013-2017
5510	Production	486	Bananas	2013-2017
5510	Production	558	Berries nes	2013-2017
5510	Production	552	Blueberries	2013-2017
5510	Production	461	Carobs	2013-2017
5510	Production	591	Cashewapple	2013-2017
5510	Production	531	Cherries	2013-2017
5510	Production	530	Cherries, sour	2013-2017
5510	Production	554	Cranberries	2013-2017
5510	Production	550	Currants	2013-2017
5510	Production	577	Dates	2013-2017
5510	Production	569	Figs	2013-2017
5510	Production	512	Fruit, citrus nes	2013-2017
5510	Production	619	Fruit, fresh nes	2013-2017
5510	Production	542	Fruit, pome nes	2013-2017
5510	Production	541	Fruit, stone nes	2013-2017
5510	Production	603	Fruit, tropical fresh nes	2013-2017
5510	Production	549	Gooseberries	2013-2017
			Grapefruit (inc.	
5510	Production	507	pomelos)	2013-2017
5510	Production	560	Grapes	2013-2017
5510	Production	592	Kiwi fruit	2013-2017
5510	Production	497	Lemons and limes	2013-2017
			Mangoes,	
5510	Production	571	mangosteens, guavas	2013-2017
			Melons, other	
5510	Production	568	(inc.cantaloupes)	2013-2017
5510	Production	490	Oranges	2013-2017
5510	Production	600	Papayas	2013-2017
5510	Production	534	Peaches and nectarines	2013-2017
5510	Production	521	Pears	2013-2017
5510	Production	587	Persimmons	2013-2017
5510	Production	574	Pineapples	2013-2017
5510	Production	489	Plantains and others	2013-2017
5510	Production	536	Plums and sloes	2013-2017
5510	Production	523	Quinces	2013-2017
5510	Production	547	Raspberries	2013-2017
5510	Production	544	Strawberries	2013-2017
			Tangerines,	
			mandarins,	
5510	Production	495	clementines, satsumas	2013-2017
5510	Production	567	Watermelons	2013-2017

5510	Production	221	Almonds, with shell	2013-2017
5510	Production	216	Brazil nuts, with shell	2013-2017
			Cashew nuts, with	
5510	Production	217	shell	2013-2017
5510	Production	220	Chestnut	2013-2017
5510	Production	242	Groundnuts, with shell	2013-2017
5510	Production	225	Hazelnuts, with shell	2013-2017
5510	Production	234	Nuts, nes	2013-2017
5510	Production	223	Pistachios	2013-2017
5510	Production	222	Walnuts, with shell	2013-2017

Supplementary table 3. Contribution margins in DKK for sub-sectors within the agricultural sector per animal/per ha, except *per 100 animals and **per 1000 animals [56,57]. 1 € = 7.45 DKK.

	2013	2014	2015	2016	2017
Dairy cows including rearing	3995	4876	969	77	6084
Dairy cows including rearing, organic	1504	3966	3923	4433	5533
Veal calves (meat cattle)	-1608	-2097	-1151	-1391	-729
Veal calves (meat cattle, organic)	-1921	260	331	1219	941
Finishers*	4733	1118	3466	9034	7832
Finishers, organic*	7359	22973	36756	39606	35149
Hens*	1287	2673	2124	2655	2863
Hens, organic*	0	0	0	0	6645
Broiler chickens**	591	1125	894	881	1040
Grains total	1250	1326	963	-550	680
Grains total, organic	2900	1287	1041	1634	3271
Peas	-737	-74	513	-359	-906
Peas, organic	0	0	0	0	1577
Broad beans	0	0	0	0	975
Broad beans, organic	0	0	0	0	3924
Potatoes	14779	4391	12636	15855	13933
Vegetables	13526	10510	17103	21220	26052
Fruit and berries	-3101	-12709	2314	-3073	-3070
Vegetables in greenhouse	82	97	79	62	37
Potatoes, organic	6752	-3720	6883	6855	20129
Vegetables, organic	15308	18425	30131	23666	10725
Maize (roughage)	1246	179	-407	1561	687
Whole crop silage (roughage)	-2307	-1959	-1897	-1699	-2351
Beets (roughage)	-4282	-1570	-1655	4359	601

Grass in rotation (roughage)	-2630	-47	-1145	254	1519
Permanent grass (roughage)	-1433	-2011	-1109	-2110	-1345
Maize (roughage), organic	1929	1773	-1806	2071	2965
Whole crop silage (roughage), organic	-174	-1252	-1398	295	-146
Grass in rotation (roughage), organic	2049	2567	2783	3980	4260
Permanent grass (roughage), organic	876	1330	851	-152	-381
