

**Table S1. Frequency of the procedures performed during the last year of life among people who died in Catalonia 2014–2015 and had completed ADs versus those who had not, stratified by sex. Crude Odds Ratios (CI95%).**

Procedures	Women						Men					
	Cases		Controls		Crude model		Cases		Controls		Crude Model	
	N	%	N	%	Odds Ratio (IC95%)	p-valor	%	N	%	N	Odds Ratio (IC95%)	p-valor
Surgery	68	7.26	206	11.00	0.62 (0.47;0.84)	<0.01	95	12.09	200	12.67	0.95 (0.72;1.24)	0.68
Pain treatment	1	0.11	8	0.43	*		2	0.25	3	0.19	*	
Transplant	2	0.21	4	0.21	*		4	0.51	3	0.19	*	
Palliative care	47	5.02	92	4.91	1.04 (0.71;1.53)	0.84	46	5.85	78	4.94	1.27 (0.83;1.92)	0.27
Mechanical ventilation	120	12.81	261	13.93	0.91 (0.71;1.15)	0.42	109	13.87	293	18.57	0.68 (0.53;0.88)	<0.01
Ostomy**	11	1.17	26	1.39	0.83 (0.40;1.74)	0.63	13	1.65	19	1.20	1.34 (0.66;2.71)	0.42
Artificial nutrition	17	1.81	62	3.31	0.54 (0.31;0.93)	0.03	18	2.29	46	2.92	0.76 (0.44;1.32)	0.33
Cardiopulmonary resuscitation	3	0.32	5	0.27	*		2	0.25	7	0.44	*	
Nasogastric probe	13	1.39	26	1.39	1.02 (0.52;2.01)	0.95	9	1.15	25	1.58	0.72 (0.34;1.54)	0.40
Endoscopy	55	5.87	162	8.65	0.64 (0.46;0.89)	0.01	71	9.03	185	11.72	0.74 (0.56;1.00)	0.05
Transfusions	71	7.58	201	10.73	0.68 (0.51;0.90)	0.01	87	11.07	196	12.42	0.86 (0.64;1.14)	0.29
Thoracentesis	20	2.13	74	3.95	0.53 (0.32;0.87)	0.01	30	3.82	61	3.87	1.01 (0.64;1.59)	0.97
IV fluids/drugs	225	24.01	481	25.68	0.90 (0.74;1.10)	0.30	218	27.74	472	29.91	0.88 (0.72;1.09)	0.24
Antibiotics	109	11.63	248	13.24	0.85 (0.67;1.09)	0.21	114	14.50	252	15.97	0.89 (0.69;1.15)	0.37
Tracheostomy	1	0.11	13	0.69	*		5	0.64	34	2.15	*	
Dialysis	12	1.28	12	0.64	2.00 (0.90;4.45)	0.09	12	1.53	25	1.58	0.96 (0.48;1.91)	0.91
Amputation	2	0.21	9	0.48	*		6	0.76	13	0.82	*	
Intubation	21	2.24	47	2.51	0.91 (0.53;1.55)	0.72	23	2.93	73	4.63	0.59 (0.36;0.97)	0.04
Transfers	152	16.22	369	19.70	0.79 (0.64;0.97)	0.03	127	16.16	314	19.90	0.76 (0.61;0.96)	0.02
Emergencies	714	76.20	1496	79.87	0.80 (0.66;0.97)	0.02	608	77.35	1329	84.22	0.62 (0.50;0.78)	<0.01

\*Not enough cases for modelling; \*\*Gastrostomy, ileostomy, colostomy, and resections.

**Table S2. Frequency of the procedures performed during the last year of life among people who died of cancer in Catalonia 2014–2015 and had completed ADs versus those who had not, stratified by sex. Crude Odds Ratios (CI95%).**

Procedures	Women						Men					
	Cases		Controls		Crude model		Cases		Controls		Crude model	
	N	%	N	%	Odds Ratio (IC95%)	p-valor	N	%	N	%	Odds Ratio (IC95%)	p-valor
Surgery	47	11.75	147	18.35	0.59 (0.41;0.84)	<0.01	67	17.72	140	18,32	0.96 (0.69;1.33)	0.80
Pain treatment	1	0.25	4	0.50	*		2	0.53	2	0,26	*	
Transplant	2	0.50	3	0.37	*		3	0.79	3	0,39	*	
Palliative care	37	9.25	76	9.49	0.98 (0.64;1.52)	0.94	44	11.64	73	9,55	1.31 (0.85;2.01)	0.22
Mechanical ventilation	30	7.50	85	10.61	0.69 (0.45;1.06)	0.09	36	9.52	116	15,18	0.58 (0.39;0.87)	0.01
Ostomy**	2	0.50	17	2.12	0.24 (0.05;1.02)	0.05	4	1.06	14	1,83	0.57 (0.19;1.74)	0.32
Artificial nutrition	9	2.25	34	4.24	0.52 (0.25;1.10)	0.09	9	2.38	29	3,80	0.61 (0.29;1.29)	0.19
Cardiopulmonary resuscitation	0	0.00	2	0.25	*		0	0.00	0	0,00	*	
Nasogastric probe	10	2.50	17	2.12	1.23 (0.55;2.75)	0.62	8	2.12	19	2,49	0.84 (0.37;1.92)	0.68
Endoscopy	37	9.25	133	16.60	0.51 (0.34;0.75)	<0.01	58	15.34	143	18,72	0.79 (0.57;1.10)	0.17
Transfusions	51	12.75	123	15.36	0.81 (0.57;1.15)	0.24	51	13.49	128	16,75	0.75 (0.52;1.08)	0.12
Thoracentesis	12	3.00	56	6.99	0.41 (0.22;0.77)	0.01	21	5.56	45	5,89	0.96 (0.56;1.66)	0.89
IV fluids/drugs	114	28.50	261	32.58	0.81 (0.62;1.07)	0.14	129	34.13	266	34,82	0.96 (0.72;1.28)	0.80
Antibiotics	49	12.25	119	14.86	0.80 (0.56;1.14)	0.22	74	19.58	130	17,02	1.24 (0.88;1.73)	0.22
Tracheostomy	1	0.25	5	0.62	*		1	0.26	17	2,23	*	
Dialysis	3	0.75	3	0.37	2.00 (0.40;9.91)	0.40	3	0.79	13	1,70	0.46 (0.13;1.62)	0.23
Amputation	1	0.25	1	0.12	*		0	0.00	3	0,39	*	
Intubation	3	0.75	14	1.75	0.43 (0.12;1.49)	0.18	3	0.79	23	3,01	0.26 (0.08;0.87)	0.03
Transfers	68	17.00	173	21.60	0.74 (0.54;1.02)	0.06	75	19.84	180	23,56	0.79 (0.58;1.08)	0.14
Emergencies	290	72.50	653	81.52	0.60 (0.46;0.80)	<0.01	296	78.31	668	87,43	0.49 (0.35;0.69)	<0.01

\*Not enough cases for modelling; \*\*Gastrostomy, ileostomy, colostomy, and resections.