Appendix 4. Analysis by imputation of differential rates of withdrawal of life-sustaining therapies.

Studies	Reported data				0,04 x N	Imputation by group		Imputation in favor of intervention**			Imputation in favor of control**		
	Reported Mortality Outcome	N Total	Mortality Intervention (N)	Mortality Control (N)				Mortality Intervention (N)	Mortality Control (N)	P Value	Mortality Intervention (N)	Mortality Control (N)	P Value
Cruz 2002	NS	141	14	25	6	3	3	11	28	0.001	17	22	0.35
Knoller 2002	Null	67	3	5	3	2	1	1	6	0.12	4	3	0.69
Bourgoin 2003	Null	25	6	4	1	1	0	5	4	0.69	6	3	0.23
Hashiguchi 2003	Null	17	1	0	1	1	0	0	0	1.00	1	0	1.00
Meissner 2003	Null	24	3	3	1	1	0	2	3	1.00	3	2	0.63
Vialet 2003	Null	20	4	5	1	1	0	3	5	0.65	4	4	1.00
Bouderka 2004	Null	62	12	7	2	1	1	11	8	0.58	13	6	0.10
Cooper 2004	Null	229	51	60	9	5	4	46	64	0.02	55	55	1.00
Edwards 2005	Negative	10 008	1 248	1 075	400	200	200	1 048	1 275	0.001	1 448	875	0.001
Jiang 2005	NS	486	63	86	19	10	9	53	95	0.001	72	76	0.84
Marmarou 2005	Null	24	3	1	1	1	0	2	1	0.44	3	0	1.00
Yurkewicz 2005	Null	404	39	55	16	8	8	31	63	0.001	47	47	0.91
Maas 2006*	Null	846	NS	NS	34	17	17	NA	NA	NA	NA	NA	NA
Seguin 2006	Null	67	6	6	3	2	1	4	7	0.32	7	4	0.53
Bilotta 2008	Null	97	5	6	4	2	2	3	8	0.20	7	4	0.36
Pérez-Barcena 2008	Null	44	9	16	2	1	1	8	17	0.01	10	15	0.22
Xiao 2008	Positive	159	15	25	6	3	3	12	28	0.002	18	22	0.37
Baker 2009	Null	64	6	4	3	2	1	4	5	0.80	7	2	0.06
Ichai 2009*	Null	34	NS	NS	1	NA	NA	NA	NA	NA	NA	NA	NA
Mazzeo 2009	Null	50	9	2	2	1	1	8	3	1.00	10	1	0.25
Olivecrona 2009*	Null	48	NS	NS	2	1	1	NA	NA	NA	NA	NA	NA
Qiu 2009	Positive	74	10	21	3	2	1	8	22	0.002	11	19	0.10
Zygun 2009*	Null	30	NS	NS	1	1	0	NA	NA	NA	NA	NA	NA
Acosta-Escribano 2010	Null	104	6	9	4	2	2	4	11	0.13	8	7	0.87
Bulger 2010	Null	1 282	182	150	51	26	25	156	175	0.002	207	124	0.001
Coester 2010	Null	79	11	11	3	2	1	9	12	0.61	12	9	0.45
Szaflarski 2010	Null	52	14	4	2	1	1	13	5	0.55	15	3	0.07
Bourdeaux 2011*	Null	11	NS	NS	0	NA	NA	NA	NA	NA	NA	NA	NA
Clifton 2011	Null	232	12	8	9	5	4	7	12	0.23	16	3	0.003
Cooper 2011	Null	155	14	15	6	3	3	11	18	0.31	17	12	0.22
Cottenceau 2011	Null	47	6	6	2	1	1	5	7	0.35	7	5	0.68
Morrison 2011	Null	107	15	15	4	2	2	13	17	0.67	17	13	0.28
Tan 2011	Null	52	3	5	2	1	1	2	6	0.25	4	4	1.00
Zhao 2011	Null	81	1	4	3	2	1	0	5	0.05	2	2	1.00
Tanguy 2012	Null	29	7	5	1	1	0	6	5	1.00	7	4	0.45
Chestnut 2012	Null	324	56	67	13	7	6	49	73	0.02	62	60	0.57
Roquilly 2013	Null	42	5	3	2	1	1	4	4	1.00	6	2	0.13
Van Haren 2013	Null	96	6	6	4	2	2	4	8	0.54	8	4	0.12
Stover 2014	Null	32	0	1	1	1	0	0	1	0.25	0	0	1.00
Maekawa 2015	Null	148	33	11	6	3	3	30	14	0.85	36	8	0.01
Finfer 2015	Null	316	34	34	13	7	6	27	40	0.03	40	27	0.22

* Five trials did not give exact number of deaths in intervention and control groups, preventing appropriate analyses.
** A 4% differential rate in the number of withdrawals of life-sustaining therapy was equally divided between study groups (2% variation in both intervention and control group). We imputed data both in favor of the intervention and in favor of the control group.