

Supplemental table 1:

One-way sensitivity analyses for the cost-effectiveness of MET PET guided surgery of supratentorial high-grade gliomas. ICER = incremental cost effectiveness ratio [€/year], CompOp = Probability of Complete Operability, ComRes = Probability of Complete Resection, survival_rest = survival after incomplete tumour resection, survival_no_rest = survival after complete tumour resection. For each analysis four intervals were chosen. The low and the high value are derived from the parameters illustrated in table 1.

Part A represents the calculations according to the baseline scenario whereas part B refers to admissible charge rate scenario.

(A) Baseline scenario

ComRes	ICER	ComOp	ICER	PET_cost	ICER	survival_rest	ICER	survival_no_rest	ICER
0.26	1854	0.4	7469	829	2999	0.5	2404	1.5	180640
0.395	2267	0.5	5975	1007	3643	0.825	2818	1,875	13137
0.53	2919	0.6	4980	1185	4287	1.15	3406	2.25	6817
0.665	4095	0.7	4268	1363	4930	1.475	4302	2.625	4602
0.8	6859	0.8	3735	1541	5574	1.8	5838	3	3474

(B) Admissible charge rate scenario

ComOp	ICER	ComRes	ICER	PET_cost	ICER	survival_rest	ICER	survival_no_rest	ICER
0.4	10627	0.26	2637	1180	4268	0.5	3420	1.5	257012
0.5	8502	0.395	3226	1433	5184	0.825	4010	1,875	18692
0.6	7085	0.53	4152	1686	6099	1.15	4846	2.25	9699
0.7	6073	0.665	5826	1939	7014	1.475	6121	2.625	6548
0.8	5314	0.8	9758	2192	7929	1.8	8307	3	4943