

Supplementary material 1: parameters base-case, one-way sensitivity analyses, and probabilistic analyses

parameter	basecase	min	max	sd	distribution PSA	parameters PSA	
<b>population parameters</b>							
Age at baseline	60	40	70	8	Normal	$\mu=60$	$\sigma=8$
% male	60%	0,45	0,75	0,1	Beta	$\alpha=13,8$	$\beta=9,2$
Number of stents per intervention	1,5	1,1	2,7	0,5			
<b>Transition probabilities</b>							
BMS: Major cardiac event free state (year 1) -> Myocardial infarction	2,14%	0,00%	2,48%	0,50%	Beta	$\alpha=18,2$	$\beta=834,2$
BMS: Major cardiac event free state (years >1) -> Myocardial infarction	1,32%	1,16%	1,48%	0,06%	Beta	$\alpha=428,7$	$\beta=32137,5$
BMS: Major cardiac event free state (year 1) -> Stent thrombosis	0,06%	0,00%	0,60%	0,12%	Beta	$\alpha=0,3$	$\beta=419,8$
BMS: Major cardiac event free state (years >1) -> Stent thrombosis	0,36%	0,28%	0,45%	0,03%	Beta	$\alpha=109,9$	$\beta=30597,0$
BMS: Major cardiac event free state (year 1) -> Second revascularisation	8,22%	7,17%	9,15%	0,40%	Beta	$\alpha=396,7$	$\beta=4430,2$
BMS: Major cardiac event free state (years >1) -> Second revascularisation	4,37%	4,06%	4,35%	0,06%	Beta	$\alpha=5389,5$	$\beta=117869,4$
DES: Major cardiac event free state (year 1) -> Myocardial infarction	1,40%	0,82%	2,19%	0,28%	Beta	$\alpha=25,5$	$\beta=1796,6$
DES: Major cardiac event free state (years >1) -> Myocardial infarction	1,02%	0,61%	1,57%	0,19%	Beta	$\alpha=27,9$	$\beta=2706,8$
DES: Major cardiac event free state (year 1) -> Stent thrombosis	0,04%	0,00%	0,70%	0,14%	Beta	$\alpha=0,1$	$\beta=211,6$
DES: Major cardiac event free state (years >1) -> Stent thrombosis	0,26%	0,11%	5,20%	1,02%	Beta	$\alpha=0,1$	$\beta=24,2$
DES: Major cardiac event free state (year 1) -> Second revascularisation	2,88%	1,33%	5,31%	0,79%	Beta	$\alpha=12,8$	$\beta=429,7$
DES: Major cardiac event free state (years >1) -> Second revascularisation	2,15%	1,22%	3,38%	0,43%	Beta	$\alpha=24,3$	$\beta=1104,2$
Myocardial infarction -> Death	3,20%	2,90%	3,50%	0,12%	Beta	$\alpha=688,3$	$\beta=20821,8$
Stent thrombosis -> Death	1,00%	0,50%	20,00%	3,90%	Beta	$\alpha=0,1$	$\beta=5,5$
Second revascularisation -> Death	1,00%	0,50%	20,00%	3,90%	Beta	$\alpha=0,1$	$\beta=5,5$
Stabilised post major cardiac event state -> Death	1,01%	0,50%	10,00%	1,90%	Beta	$\alpha=0,3$	$\beta=26,3$
<b>Costs</b>							
BMS medical care Initial revascularisation cost (€)	3112	1841,9	7042,57	1505,7	Gamma	$\alpha=4,3$	$\beta=728,5$
BMS device	550	440	550				
DES medical care Initial revascularisation cost (€)	3176,17	1893,3	7119,57	1505,7	Gamma	$\alpha=4,4$	$\beta=713,8$
DES device	925	740	925				
Following cycles standard care cost per cycle in major cardiac event-free state or post major cardiac event state	132,73	106,18	159,27	26,55	Gamma	$\alpha=25,0$	$\beta=5,3$
Myocardial infarction (€)	4322,96	681,23	12956,3	3452,9	Gamma	$\alpha=1,6$	$\beta=2758,0$
Stent thrombosis (€)	2696,65	398,96	11485,8	3273,3	Gamma	$\alpha=0,7$	$\beta=3973,1$
Second revascularisation (€)	4430,76	688,04	5568,88	4175,2	Gamma	$\alpha=1,1$	$\beta=3934,4$
Death (€)	822,54	658,03	987,05	164,51	Gamma	$\alpha=25,0$	$\beta=32,9$

BMS: Bare-metal stent ; DES: Drug-eluting stent

Probabilities followed beta distribution (parameters based on mean and variance :  $\alpha = \mu \left( \frac{\mu(1-\mu)}{\sigma^2} - 1 \right)$  and  $\beta = \alpha \left( \frac{1}{\mu} - 1 \right)$ ) and costs gamma distribution (parameters based on mean and variance :  $\alpha = \frac{\mu^2}{\sigma^2}$  and  $\beta = \frac{\sigma^2}{\mu}$ )