Additional File 2: Health system parameter values

Table S2: Health system parameter values

Parameter	Value	Source
National guidelines for first line antimalarial	Coartem	DOMC 2006[1]
National guidelines for inpatient antimalarial	Quinine	DOMC 2006[1]
National guidelines for second line antimalarial	Quinine	DOMC 2006[1]
Initial cure rate in the absence of resistance, first line (%)	0.96	Juma 2008[2]
Initial cure rate in the absence of resistance, inpatient (%)	0.998	Ross 2008[3]
Initial cure rate in the absence of resistance, second line (%)	0.998	Ross 2008[3]
Initial cure rate in the absence of resistance, self-treatment (%)	0.63	Ross 2008[3]
Population complying to drug regimine, ACT (%)	0.892	Kabanywanyi 2010[4]
Population complying to drug regimine, self-treatment (%)	0.85	Ross 2008[3]
Effectiveness of treatment of non-compliers, first line (%)	0.8544	Fogg 2004[3]
Effectiveness of treatment of non-compliers, self-treatment (%)	0	Ross 2008[3]
Probability that a patient with newly incident uncomplicated disease seeks official care per timestep	0.04	Ross 2008[3]
Probability that a patient with uncomplicated disease self-treats per timestep	0.0212	Sumba 2008[5]
Probability that a patient with recurrence of uncomplicated disease seeks official care per timestep	0.04	Ross 2008[3]
Probability that a patient with severe disease obtains appropriate care per timestep	0.48	Ross 2008[3]
Probalility of sequelae in inpatients per timestep, for individuals under 5 years old	0.0132	Ross 2008[3]
Probalility of sequelae in inpatients per timestep, for individuals over 5 years old	0.005	Ross 2008[3]

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