

MAIN ANALYSIS

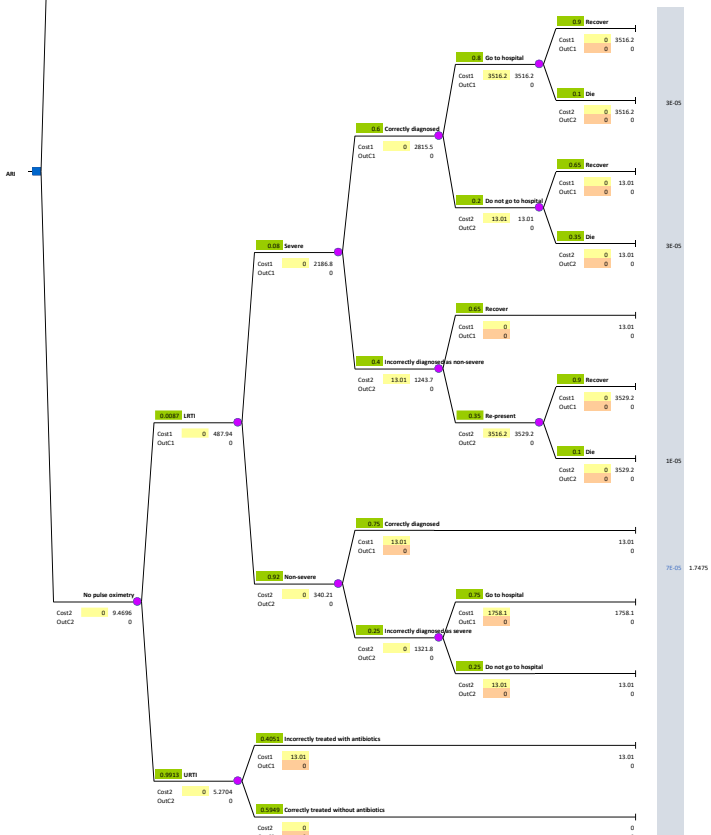
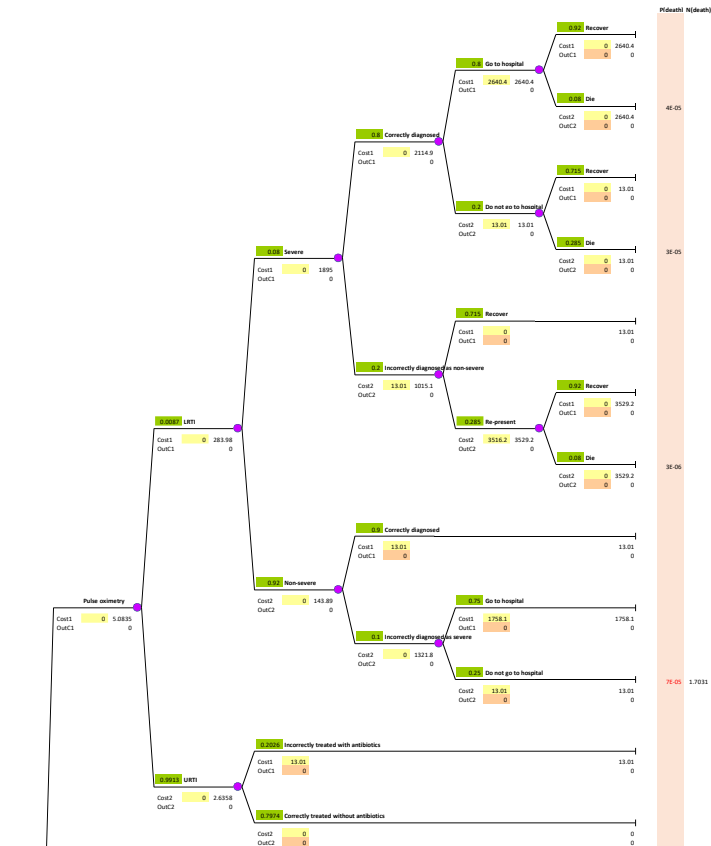
	Median age	No.	% H0 deaths in 2 years	H1 deaths in 2 years	Difference in deaths in 2 years	YLL for death at median age	Life years gained in 2 years	Life years gained in 1 year	Cost difference excl. direct costs in 2 years	Cost difference excl. direct costs in 1 year	Cost difference incl. direct costs in 1 year	Cost per life year gained incl. direct costs	Cost per life year gained excl. direct costs	Antibiotic cost savings in 1 year
Children <5	2	14075	28.174	2.084451	2.031538	0.052913	77.155993	4.082554	2.041277	-73999.46021	-36999.7301	-12756.9621	-6249.500059	11650.539
Children 5-14	8	11741	23.502	0.820555	0.799726	0.0208295	71.593286	1.49125	0.745625	-49698.3905	-24849.19525		-33326.65603	14915.35
Adults	45	24142	48.325	1.747495	1.703135	0.0443595	39.037158	1.731668	0.865834	-105888.505	-52944.25251		-61148.27491	31801.351
Total	13	49958	100	4.652501	4.534399	0.1181019	57.427888	7.305473	3.652736	-229586.3557	-114793.1779	-90550.40986		58367.24

H0 - standard of care

H1 - standard of care + pulse oximetry

Assume lifespan of one oximeter is 2 years

Purchase price of one oximeter set plus neonat	275
Maintenance cost of one oximeter set per year	55
District-wide training cost over 2 years	2649.504
Extra staff cost per PCU over two years	662.376
Total oximeter costs over 2 years	48485.536
Total oximeter costs over 1 year	24242.768

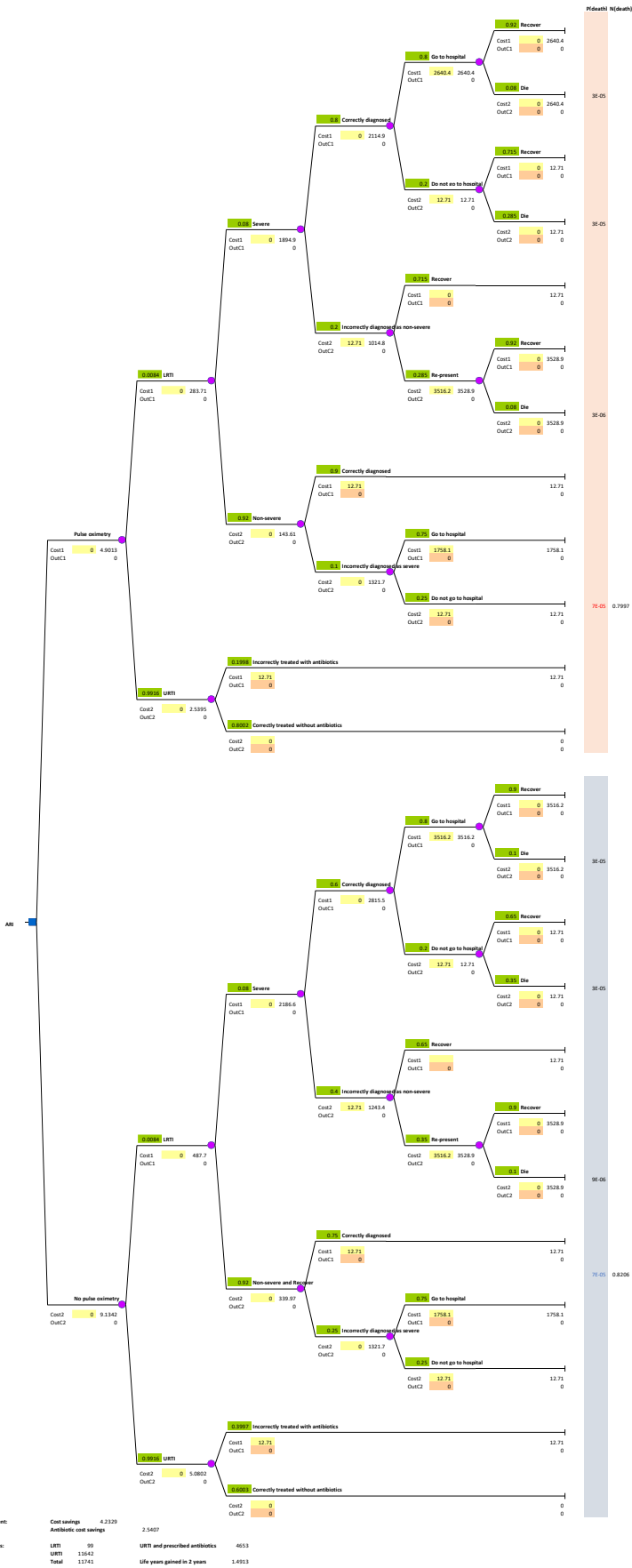


Per patient: Cost savings 4,386.1
 Antibiotic cost savings 2,634.5

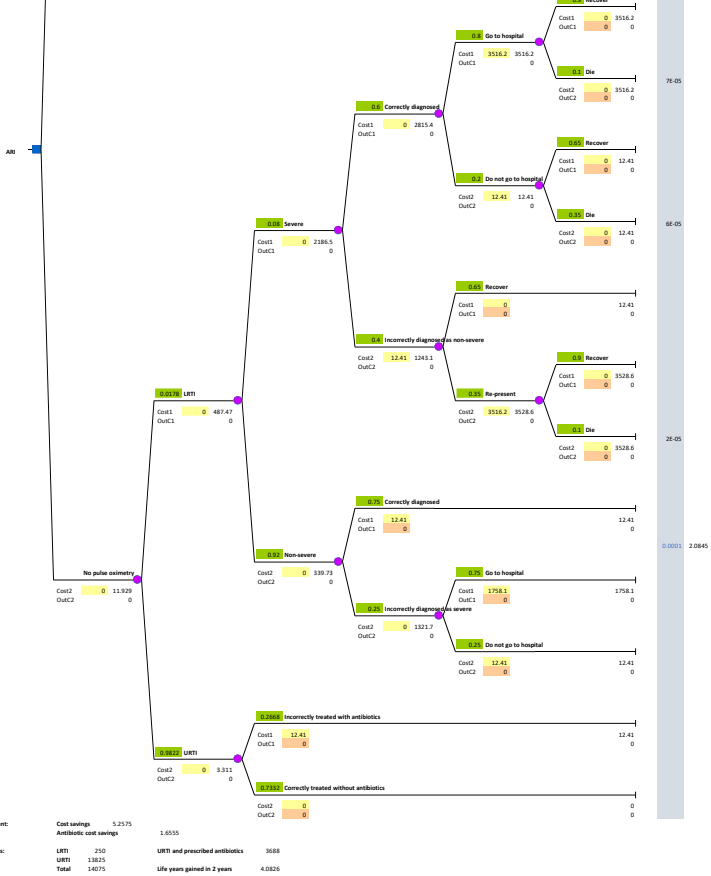
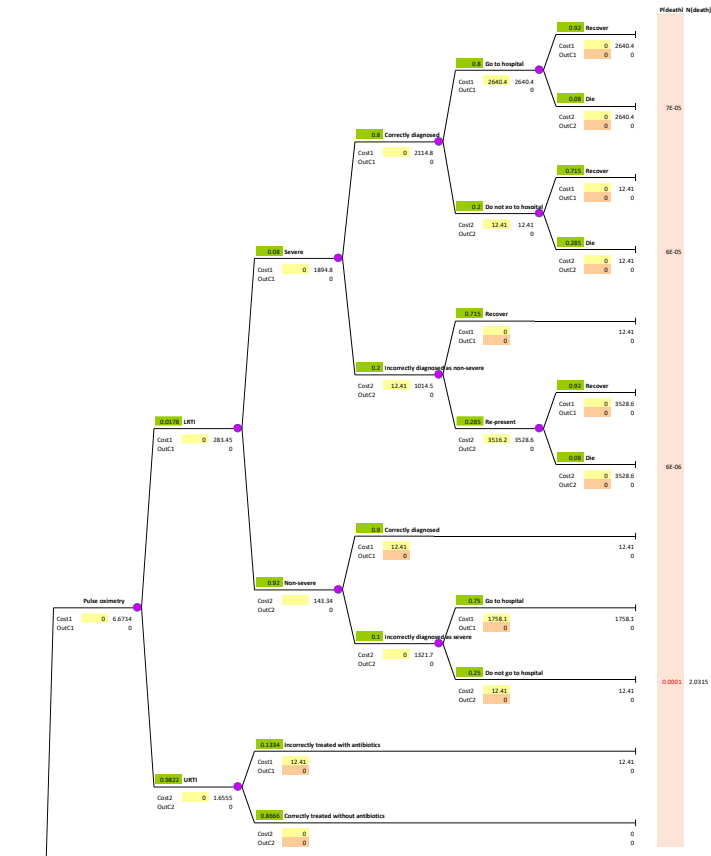
In 2 years: LRTI 209
 URTI 23933
 Total 24142

URTIs and prescribed antibiotics 9696
 Life years gained in 2 years 1.7317





Per patient:	Cost savings	4,2329	2,5407	
	Antibiotic cost savings			
In 2 years:	LRTI	99	WRTI and prescribed antibiotics	4653
	WRTI	13642		
	Total	13741	Life years gained in 2 years	1,4913



Per patient: Cost savings 5,2375
 Antibiotic cost savings 1,6555

In 2 years:
 LRTI 250
 URTI 13825
 Total 14075

URT and prescribed antibiotics 3688
 Life years gained in 2 years 4.0826