

How to make a chart like an act utilitarian

Possible actions

Affected People or Groups	Don't perform the surgery	Perform the surgery	
↓		Eyesight restored - 90% chance	Patient dies – 10% chance
Patient	0	+8	-8
Doctor+ team (4)	$-2 \times 4 = -8$	$+5 \times 4 = 20$	$-5 \times 4 = -20$
Patient's family (4)	0	$+6 \times 4 = 24$	$-5 \times 4 = -20$
Patient's employer and co-workers (10)	0	$+2 \times 10 = 20$	$-4 \times 10 = -40$
Patient's creditors (3)	0	$+1 \times 3 = 3$	$-2 \times 3 = -6$
Total utility of outcome	-8	75	-94
Total discounted by probability	-8	$75 \times .9 = 67.5$	$-94 \times .1 = -9.4$
Totals	-8	+58.2	

Use a scale that runs from minus ten to plus ten to evaluate the 'utility' of these outcomes for each person or group