

Table 5.2: Economic harvesting decisions

Age (Years)	Volume m3	Case 1			Case 2			Case 3		
		Timber	Harvest	Net	Timber	Harvest	Net	Timber	Harvest	Net
		Value	Costs	Benefits	Value	Costs	Benefits	Value	Costs	Benefits
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
10	75	75	508	-433	68	460	-392	62	418	-356
20	180	180	518	-338	148	428	-280	121	354	-233
30	325	325	533	-208	241	403	-162	179	309	-129
40	480	480	548	-68	322	384	-61	217	274	-57
50	650	650	565	85	395	369	26	241	251	-9
60	850	850	585	265	468	360	108	259	237	22
70	1100	1100	610	490	548	359	189	275	235	40
80	1400	1400	640	760	632	366	266	287	243	45
90	1900	1900	690	1210	776	394	382	320	274	46
100	2400	2400	740	1660	887	425	462	331	309	22
110	2800	2800	780	2020	937	447	490	317	337	-20
120	3000	3000	800	2200	909	451	457	279	346	-68
130	2850	2850	785	2065	782	422	360	217	323	-106
140	2600	2600	760	1840	646	384	261	163	291	-129

Price = \$1.00/m³Value = price x volume / (1 + r)^tCost = \$500 + \$0.10 x volume / (1 + r)^t

Net benefits = revenue - cost