

Base Case:-

Assuming treatment restricted to the worst quartile of baseline DLQI and that non-responders are hospitalised for a mean of 21 days a year more than responders.

	QALYs			Costs			ICER	ICER against Supportive Care
	Mean	2.5% CI	97.5% CI	Mean	2.5% CI	97.5% CI		
Supportive Care	0	0	0	0	0	0		NaN
Etanercept 25mg	0.223	0.123	0.325	3357	2606	4847	15088	15088
Efaluzimab	0.214	0.122	0.314	5175	4602	6029	Dominated	24191
Etanercept 25mg Continuous	0.223	0.123	0.325	5280	4730	6370	Dominated	23728
Etanercept 50mg	0.235	0.137	0.341	10214	9678	11124	529773	43381

WTP Qaly	Sequence				
0	Supportive Care				
5000	Supportive Care				
10000	Supportive Care				
15000	Supportive Care				
20000	Etanercept 25mg	Supportive Care			
25000	Etanercept 25mg	Etanercept 25mg Continuous	Efaluzimab	Supportive Care	
30000	Etanercept 25mg	Etanercept 25mg Continuous	Efaluzimab	Supportive Care	
35000	Etanercept 25mg	Etanercept 25mg Continuous	Efaluzimab	Supportive Care	
40000	Etanercept 25mg	Etanercept 25mg Continuous	Efaluzimab	Supportive Care	
45000	Etanercept 25mg	Etanercept 25mg Continuous	Efaluzimab	Etanercept 50mg	Supportive Care
50000	Etanercept 25mg	Etanercept 25mg Continuous	Efaluzimab	Etanercept 50mg	Supportive Care
55000	Etanercept 25mg	Etanercept 25mg Continuous	Efaluzimab	Etanercept 50mg	Supportive Care
60000	Etanercept 25mg	Etanercept 25mg Continuous	Efaluzimab	Etanercept 50mg	Supportive Care
65000	Etanercept 25mg	Etanercept 25mg Continuous	Efaluzimab	Etanercept 50mg	Supportive Care
70000	Etanercept 25mg	Etanercept 25mg Continuous	Efaluzimab	Etanercept 50mg	Supportive Care
75000	Etanercept 25mg	Etanercept 25mg Continuous	Efaluzimab	Etanercept 50mg	Supportive Care

Sensitivity Analysis: –

Assuming treatment restricted to the worst quartile of baseline DLQI and that non-responders are hospitalised for a mean of 21 days a year more than responders.

Excluding intermittent Etanercept 25mg and including 12weeks of Etanercept 50mg followed by 25mg continuous.

	QALYs			Costs			ICER	ICER against Supportive Care
	Mean	2.5% CI	97.5% CI	Mean	2.5% CI	97.5% CI		
Supportive Care	0	0	0	0	0	0		NaN
Efaluzimab	0.215	0.125	0.312	5175	4602	6029	Extended Domination	24070
Etanercept 25mg Continuous	0.224	0.127	0.328	5280	4730	6370	23599	23599
Etanercept 50mg followed by 25mg Continuous	0.237	0.14	0.341	6347	5593	7629	82439	26818

WTP Qaly	Sequence
0	Supportive Care
5000	Supportive Care
10000	Supportive Care
15000	Supportive Care
20000	Supportive Care
25000	Etanercept 25mg Continuous Efaluzimab Supportive Care
30000	Etanercept 25mg Continuous Efaluzimab Etanercept 50mg Supportive Care
35000	Etanercept 25mg Continuous Efaluzimab Etanercept 50mg Supportive Care
40000	Etanercept 25mg Continuous Efaluzimab Etanercept 50mg Supportive Care
45000	Etanercept 25mg Continuous Efaluzimab Etanercept 50mg Supportive Care
50000	Etanercept 25mg Continuous Efaluzimab Etanercept 50mg Supportive Care
55000	Etanercept 25mg Continuous Etanercept 50mg Efaluzimab Supportive Care
60000	Etanercept 25mg Continuous Etanercept 50mg Efaluzimab Supportive Care
65000	Etanercept 25mg Continuous Etanercept 50mg Efaluzimab Supportive Care
70000	Etanercept 25mg Continuous Etanercept 50mg Efaluzimab Supportive Care
75000	Etanercept 25mg Continuous Etanercept 50mg Efaluzimab Supportive Care