Appendix 1a – Information provided by the ERG in Reponse to Request for the Model

PENTAG ADJUSTMENT TO EVEROLIMUS MODEL USING WEIBULL FITTING TO SURVIVAL DATA.

The following two steps were taken to recalibrate the Novartis Model. This resulted in a model ICER of £58,316 (with discounting and Patient Access Scheme applied)

- STEP 1: Fit Weibull curves to both the Everolimus and BSC RPSFT data using standard methods. This resulted in the following curve parameters:
    - BSC Arm: Lambda=0.0452, Gamma=1.7198
    - Everolimus Arm: Lambda=0.0253, Gamma=1.6459

These curve fits relative to the RPSFT data are shown in Figure 1 below.

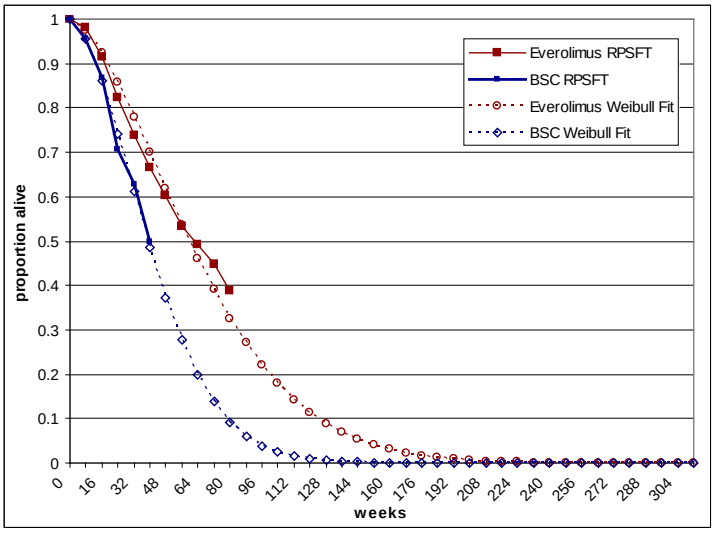

Figure 1: Weibull Curve fit to RPSFT survival data

- STEP 2: Adjust the transition probabilities in the Markov model using a scale factor in each arm for each model cycle such that the overall survival in each arm follows the parameterized curves above. This results in the transition probabilities for each arm which are shown in the accompanying Excel spreadsheet ('Revised RPSFT Trans Probs based on Weibull fit.xls').