

Childhood Health Assessment Questionnaire

Table 18: CHAQ Score by time point

Visit	n	Missing	Mean (SD)	Median (range)
Baseline	21	0	0.37 (0.58)	0.00 (0.00, 2.13)
4 weeks	21	0	0.30 (0.54)	0.00 (0.00, 2.13)
8 weeks	19	0	0.48 (0.71)	0.13 (0.00, 2.25)
12 Weeks	15	0	0.51 (0.80)	0.00 (0.00, 2.25)
16 Weeks	6	0	0.23 (0.37)	0.00 (0.00, 0.88)
20 Weeks	6	0	0.25 (0.40)	0.00 (0.00, 0.88)
24 Weeks	4	0	0.31 (0.41)	0.19 (0.00, 0.88)

Figure 5: Mean profile plot for CHAQ Score

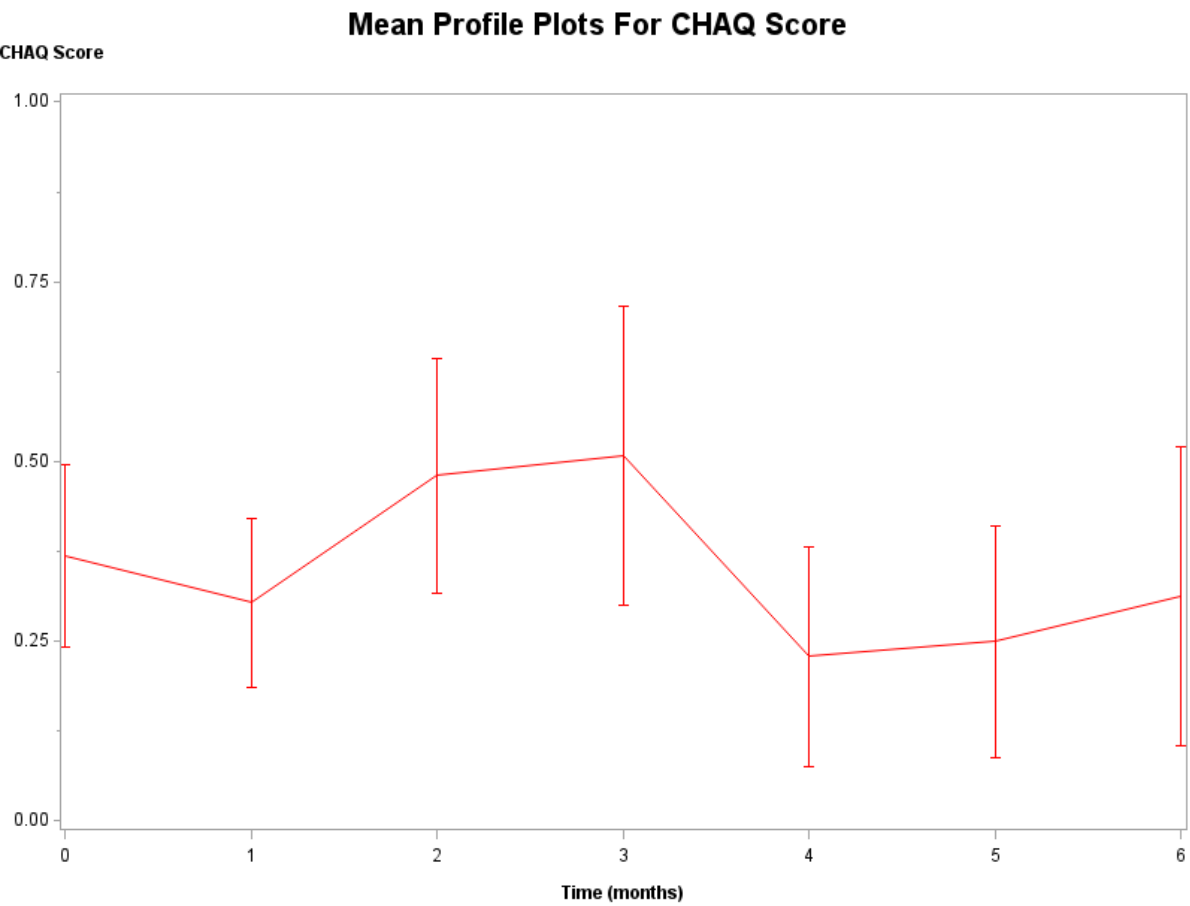
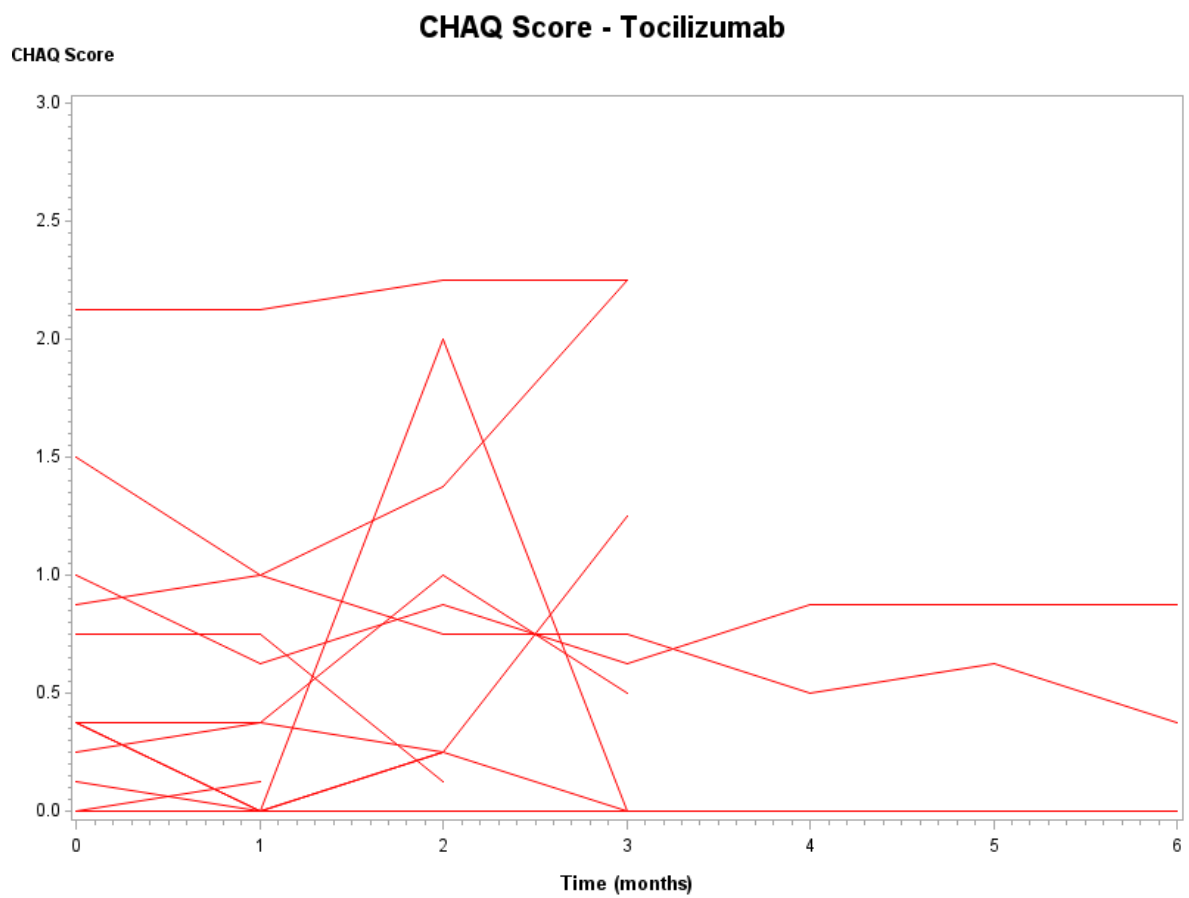


Figure 6: Individual profile plots for CHAQ Score



Joint modelling of CHAQ score and time to treatment failure

Number of observations: 71

Number of subjects: 21

Number of subjects that fail: 15 (71.4%)

	Parameter	Estimate	95% CI	p-value
Primary analysis	Association	3.11	1.63, 8.36	0.165
	Time	0.01	-0.05, 0.05	0.839
Sensitivity analysis	Association	No imputation as no missing data		
	Time			

Any notes resulting from visual inspection of data or comparisons between untransformed and transformed data:

The data are zero-inflated. Both untransformed and transformed distributions are highly skewed. Fitting a zero-inflated model is beyond the current capabilities