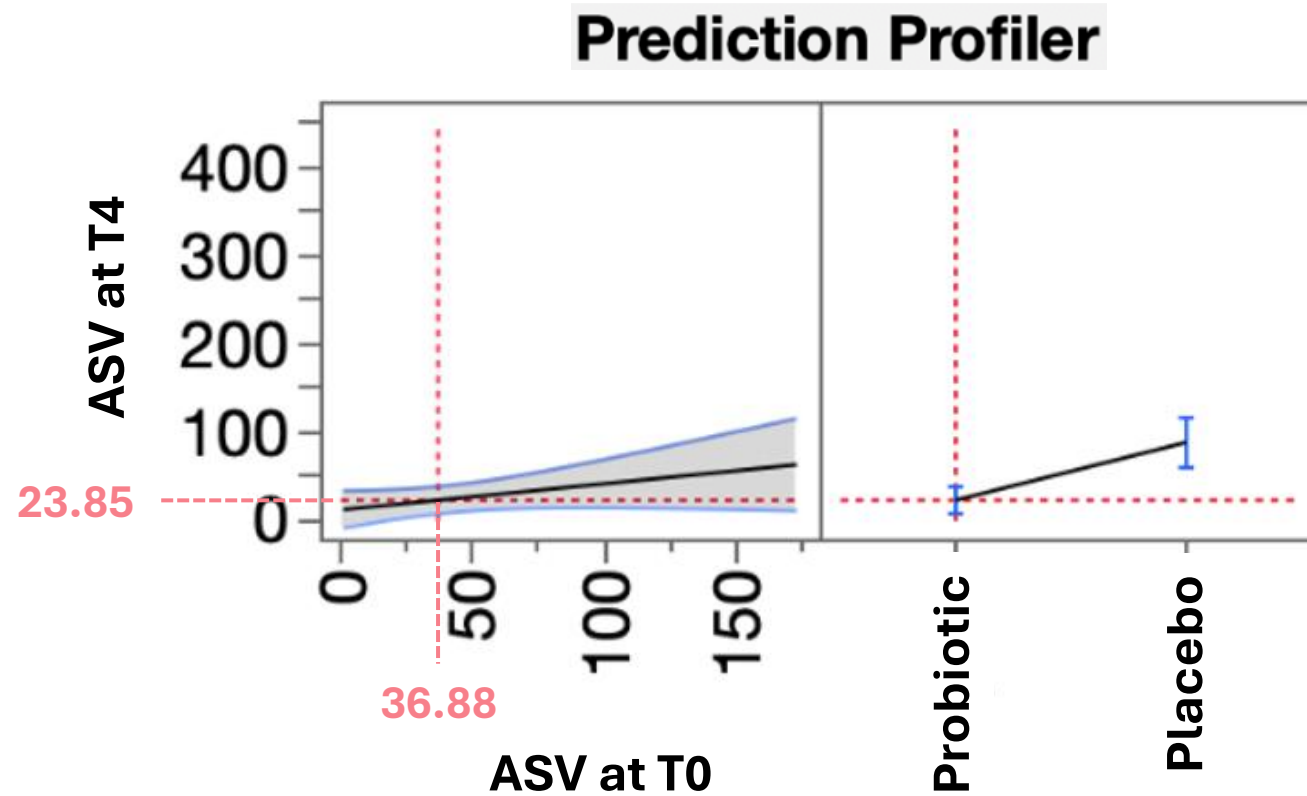


Online Resource 17

Analysis with the Prediction Profiler to highlight which factor mostly affect the effect played by the probiotic strain.



The analysis demonstrated that: (i) treatment with the probiotic strain was associated with a significant reduction in richness that was more evident than that observed with the placebo treatment, regardless of the initial values; (ii) the treatment with the strain M247 was particularly effective the more the richness at T0 was higher.