Response to referee #2

This MS presents a comprehensive study on the effects of multi-stressors (ocean acidification, warming and UV radiation) on biochemical characteristics and the photosynthetic activity of the coccolithophorid Emiliania huxleyi. Due to the complexity of the experimental setup and the numerous analyses performed, the results presented are original and they will certainly be of interest to a large readership. The different sections of the MS are overall well written. The many results are presented in clear manner in tables and figures; this latter point clearly represents a challenge of this MS. The discussion could, however, be more concise. In its present form, it contains quite a lot of repetition of the results and it is not easy to follow the order of the points that are discussed. My suggestion is to focus on the discussion of a few key findings, certainly including the effect of UV radiation.

Response: We would like to thank the reviewers’ constructive comments. We will follow these suggestions to revise our discussion, focusing on key findings and making it more concise.