

Interactive comment on
**“Photosynthesis-irradiance parameters of marine
phytoplankton: synthesis of a global data set” by
Heather A. Bouman et al.**

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This study offers a comprehensive and unprecedented global database of photosynthesis-irradiance parameters derived from more than 5000 experiments. The database encompasses quality-controlled parameters of different oceanographic regimes providing a global scale insight of phytoplankton photophysiological variation. In my opinion, it is very well written and illustrated and it is ready for publication.

I would suggest a consistence in tables' format. Also, in pag 8, line 3, I believe the sentence refers to table 5 instead of table 2 and in page 9 (line 14-16) you could refer to Figure 9.

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