Supplementary Material

Hemolytic Activity in relation to the Photosynthetic System in *Chattonella marina* and *Chattonella ovata*

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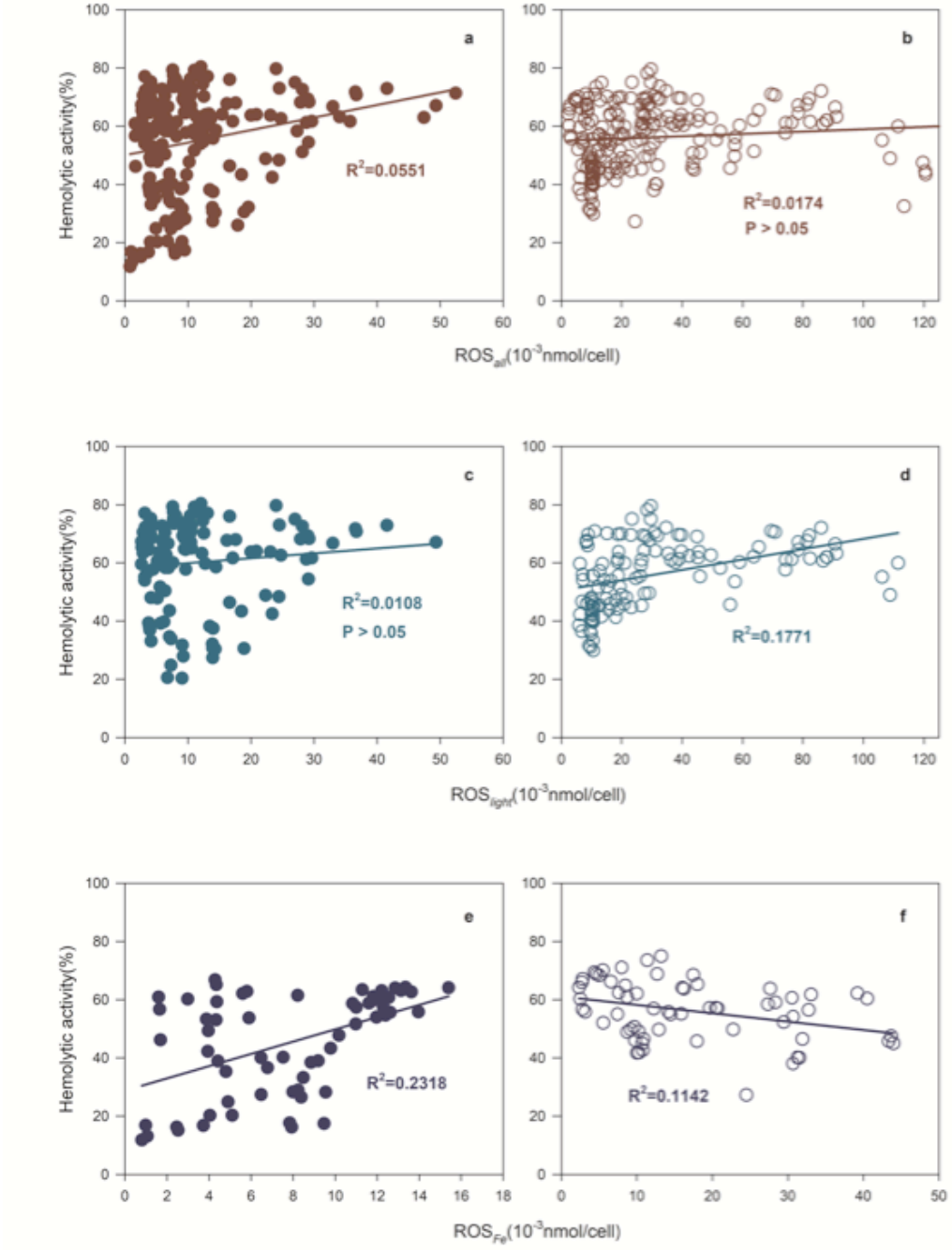
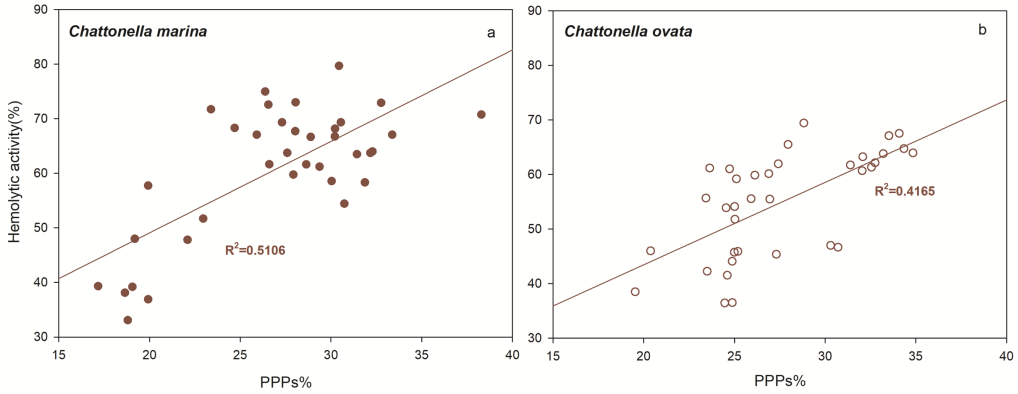
Supplementary Figure S1

Linear relationship between percent hemolytic activity and the reactive oxygen species (ROS) production of *Chattonella marina* (a,c,e) and *C. ovata* (b,d,f) under all treatments (a,b), light only (c,d) and iron only treatment (e,f). R^2 = coefficient of determination of the fitted lines.



Supplementary Figure S2

Linear relationship between hemolytic activity and ratio of photoprotective pigments to total pigments of *Chattonella marina* (a) and *C. ovata* (b). R^2 = coefficient of determination of the fitted lines.



Supplementary Figure S3

Linear relationship between hemolytic activity and Fv/Fm (blue), Yield (red), rETR (yellow) of *Chattonella marina* (a) and *C. ovata* (b) in varied light intensities, iron, light/dark cycle and photosynthetic blockers treatment. R^2 = coefficient of determination of the fitted lines.