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Supplement of

Review article: How does glacier discharge affect marine biogeochemistry and primary production in the Arctic?

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Supplementary Table 1

| Fig. | Data | Intercept (\pm standard error) | Gradient (\pm standard error) | R ² | n |
|------|------------------------------------|--------------------------------------|-------------------------------------|----------------|-----|
| 3 | 2016 Si (S <30.4) | 6.38 \pm 1.10 | -0.148 \pm 0.041 | 0.241 | 43 |
| 3 | 2016 N (S <30.4) | 3.37 \pm 0.62 | -0.0798 \pm 0.023 | 0.226 | 43 |
| 3 | 2016 P (S <30.4) | 0.025 \pm 0.082 | 0.00222 \pm 0.00306 | 0.013 | 43 |
| 4 | Si Godthåbsfjord (depth <20 m) | 24.76 \pm 0.94 | -0.683 \pm 0.031 | 0.600 | 324 |
| 4 | Si Kongsfjorden (depth <20 m) | 4.61 \pm 0.40 | -0.0918 \pm 0.0131 | 0.269 | 136 |
| 4 | Si Gulf of Alaksa (depth <20 m) | 29.1 \pm 5.1 | -0.616 \pm 0.18 | 0.184 | 54 |
| 4 | Si Bowdoin (depth <20 m) | 8.49 \pm 1.25 | -0.0918 \pm 0.0602 | 0.039 | 59 |
| 4 | Si Sermilik (depth <20 m) | 7.47 \pm 3.65 | -0.166 \pm 0.121 | 0.050 | 38 |
| 8 | 2013 TA | 2320 \pm 3 | -1666 \pm 84 | 0.945 | 25 |
| 8 | 2014 TA | 2313 \pm 2 | -1527 \pm 58 | 0.973 | 40 |

Table S1. Linear regressions for Figures 3, 4 and 8. Statistics calculated in Sigma Plot.