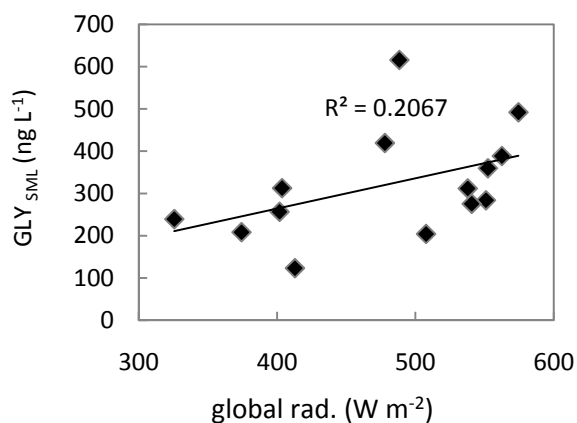


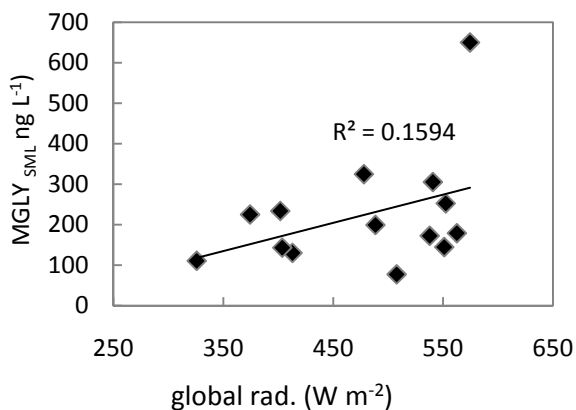
Supporting information to the manuscript:

Glyoxal and Methylglyoxal in Atlantic Seawater and marine Aerosol Particles: Method development and first application during the Polarstern cruise ANT XXVII/4

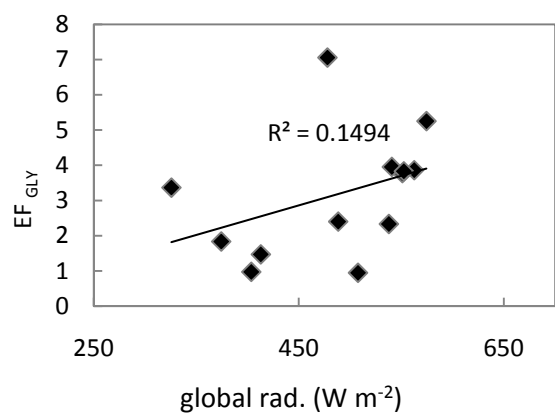
by Manuela van Pinxteren and Hartmut Herrmann



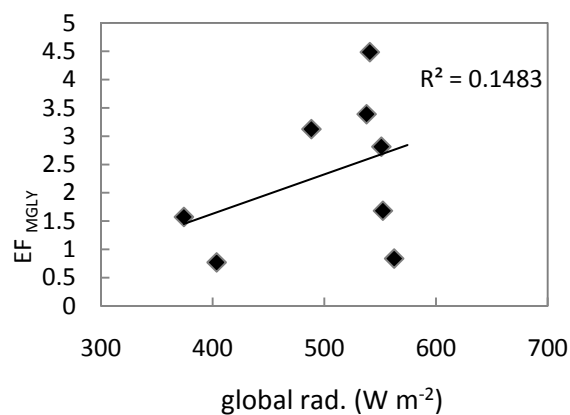
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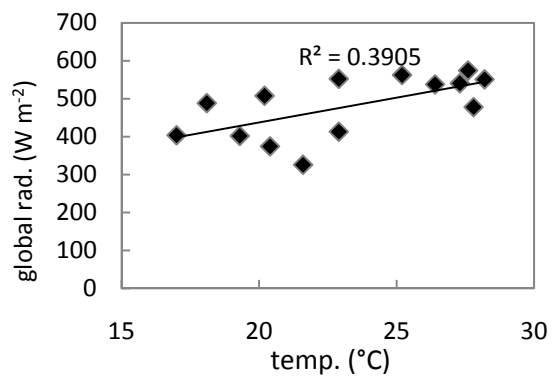
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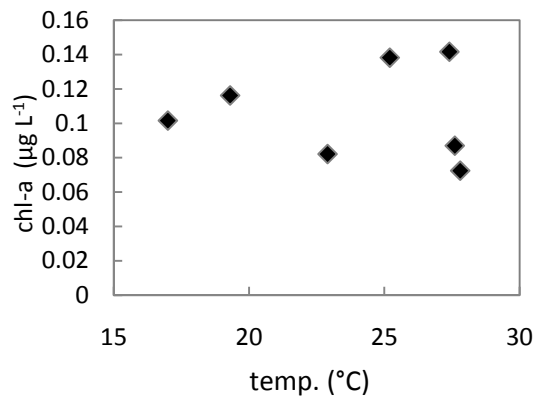
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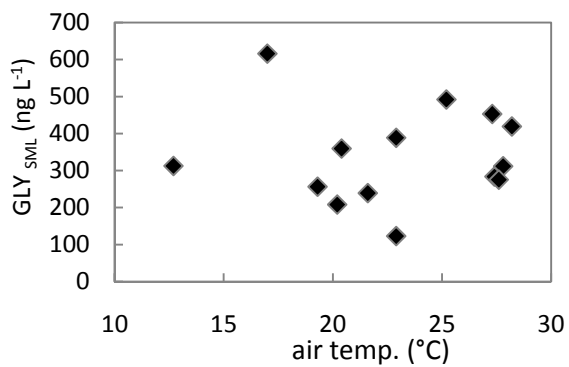
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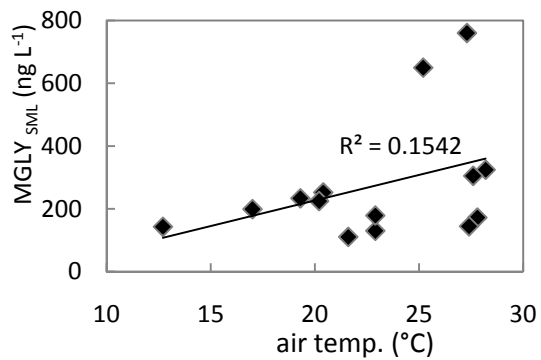
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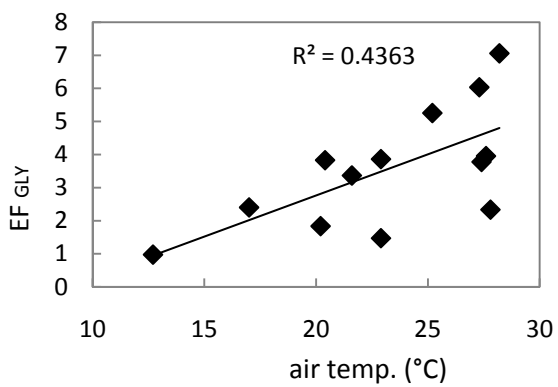
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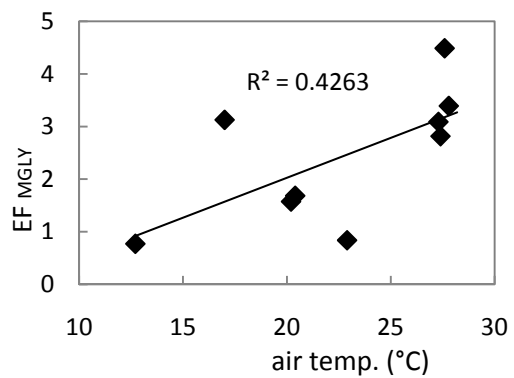
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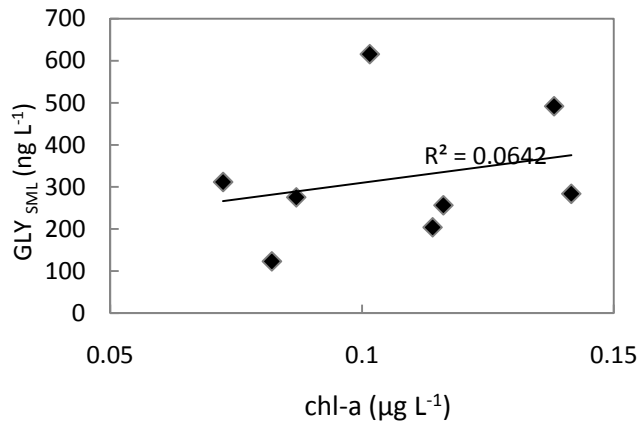
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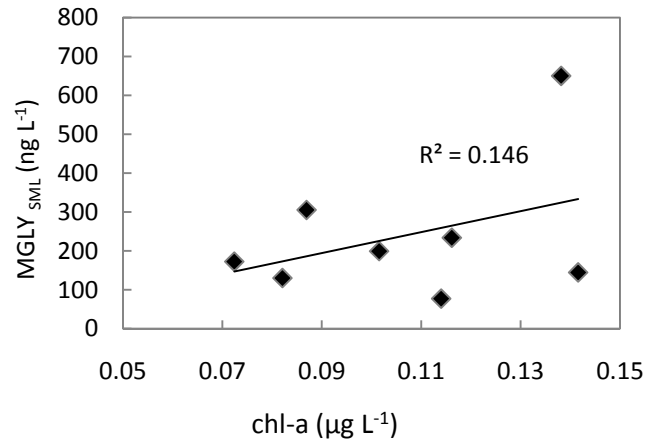
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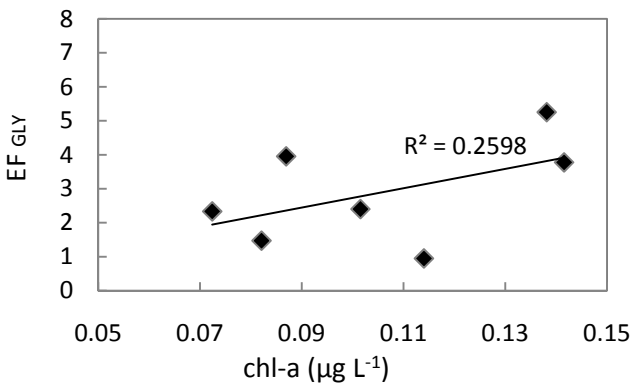
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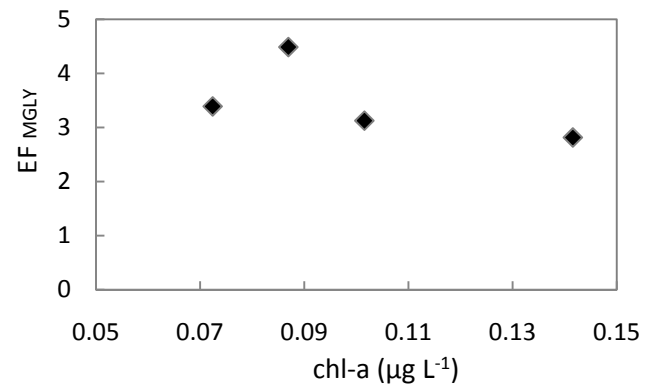
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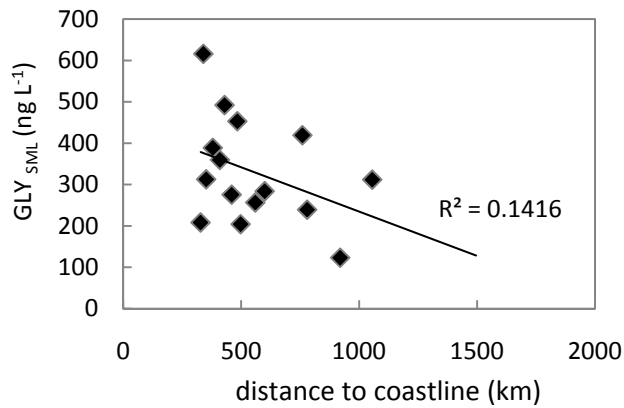
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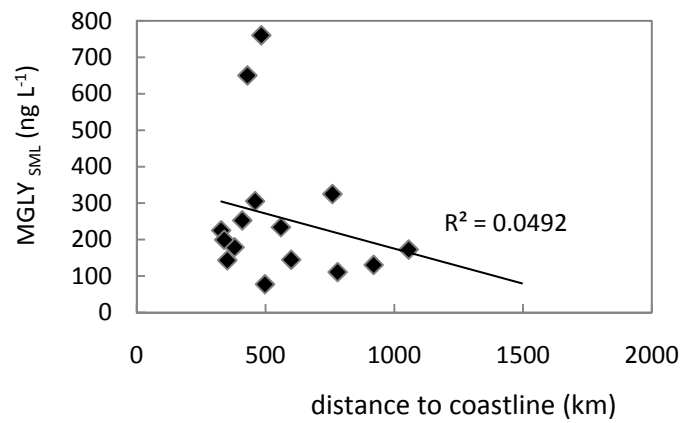
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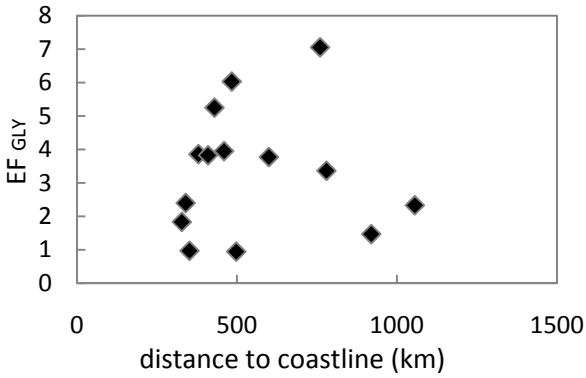
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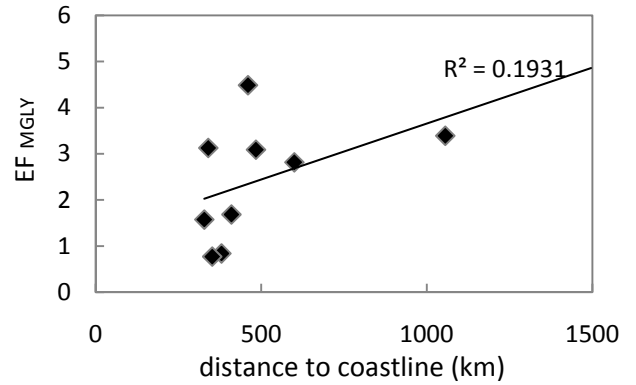
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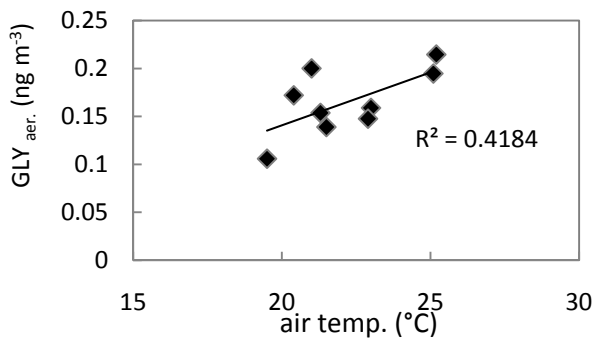


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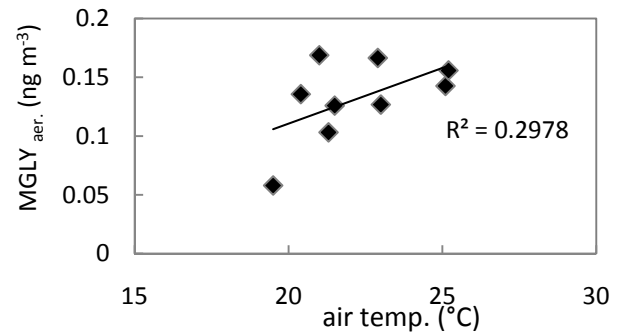


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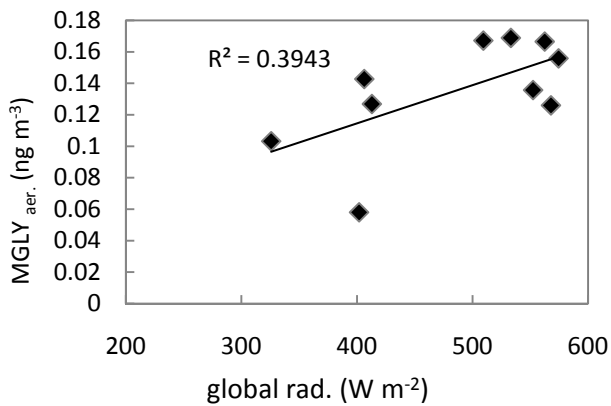
S1-18: Correlations between environmental parameters and GLY/MGLY concentrations and enrichment in the SML



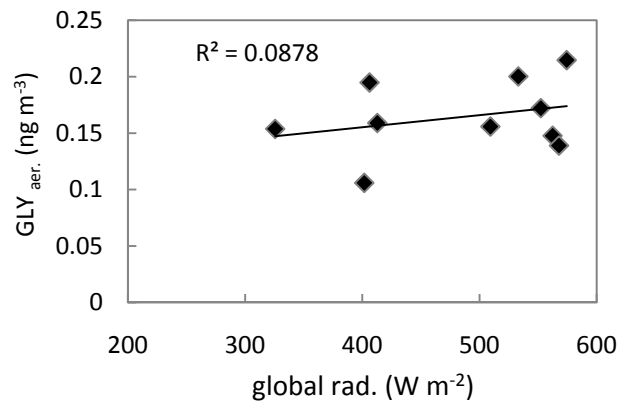
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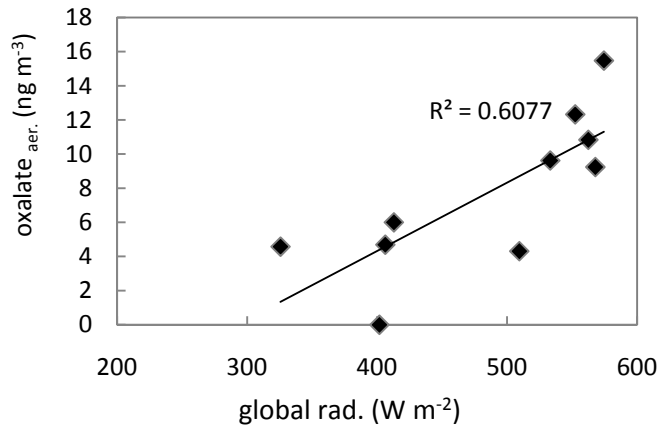
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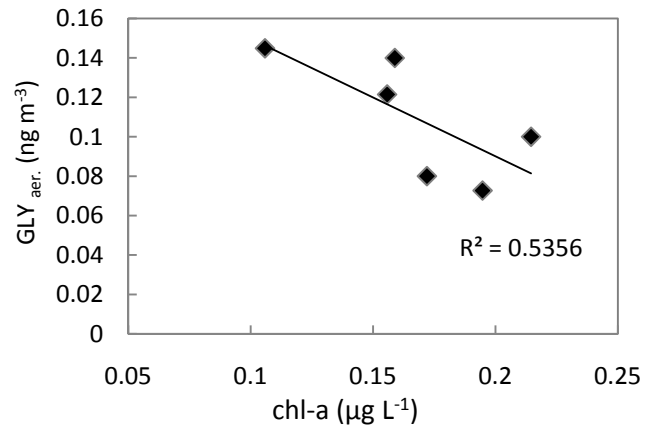
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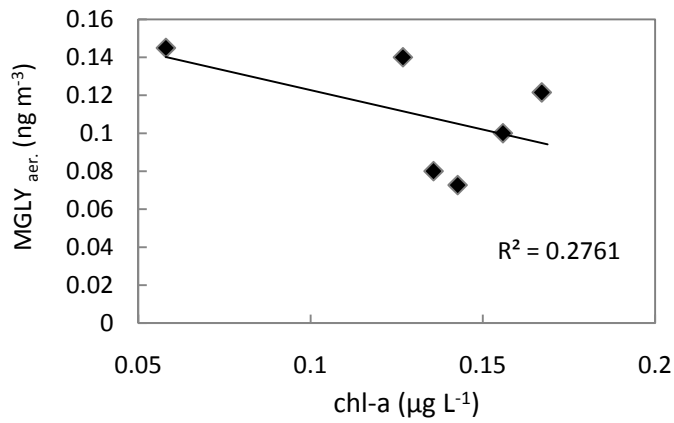
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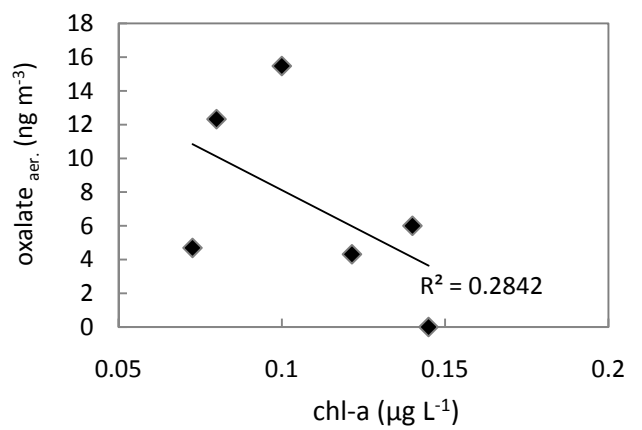
S23



S24



S25



S26

S19-26: Correlations between environmental parameters and GLY/MGLY and oxalate concentrations in the aerosol particles

Table S1: Concentration of GLY and MGLY on marine aerosol particles, 24 hours sampling time from midnight to midnight (UTC)

Sampling date	GLY (ng m ⁻³)	MGLY (ng m ⁻³)
23.04.2011	0.106	0.058
24.04.2011	0.154	0.103
25.04.2011	0.159	0.127
26.04.2011	0.156	0.167
27.04.2011	0.195	0.143
04.05.2011	0.215	0.156
05.05.2011	0.148	0.166
06.05.2011	0.139	0.126
07.05.2011	0.200	0.169
08.05.2011	0.172	0.136
17.05.2011	0.420	0.292