

Helen C. Wheeler, Toke T. Høye, Niels M. Schmidt, Jens –C. Svenning and Mads. C.

Forchhammer. 2014. Phenological mismatch with abiotic conditions – implications for flowering in Arctic plants. *Ecology* 96:788-799.

Appendix B. Plot-level contributions of timing of flowering to temperatures experienced during development and associations between timing of flowering and flower abundance.

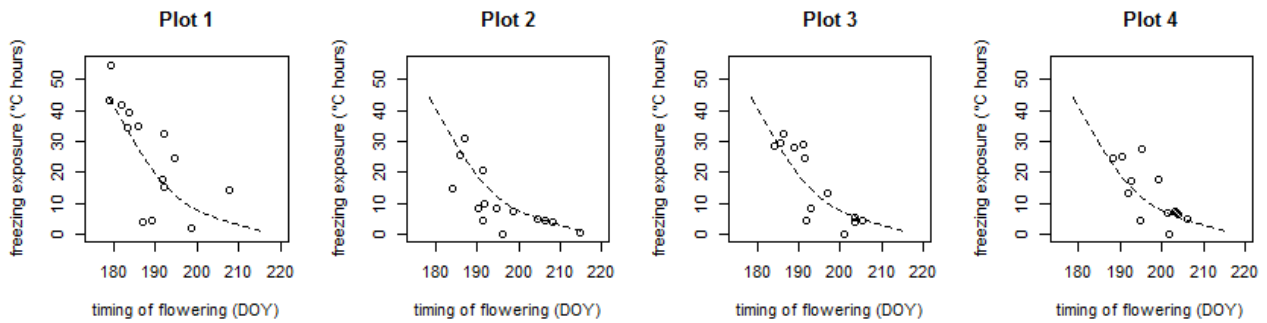


FIG. B1. Plot-level contributions of timing of peak flowering to freezing exposure prior to flowering at the plot level for *Cassiope tetragona*. Broken line denotes GAM spline for all plots combined.

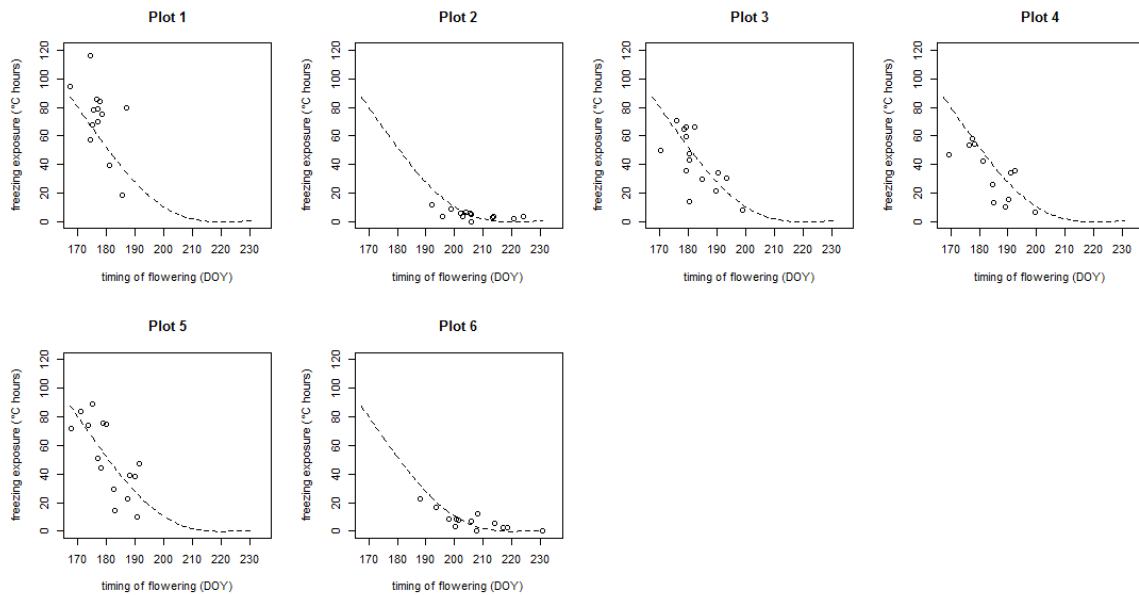


FIG. B2. Plot-level contributions of timing of peak flowering to freezing exposure prior to flowering at the plot level for *Dryas octopetala/integrifolia*. Broken line denotes regression line for all plots combined.

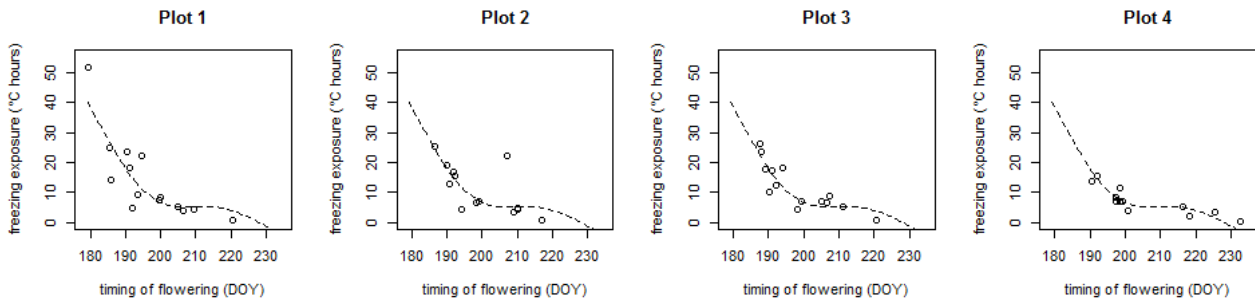


FIG. B3. Plot-level contributions of timing of peak flowering to freezing exposure prior to flowering at the plot level for *Papaver radicum*. Broken line denotes regression line for all plots combined.

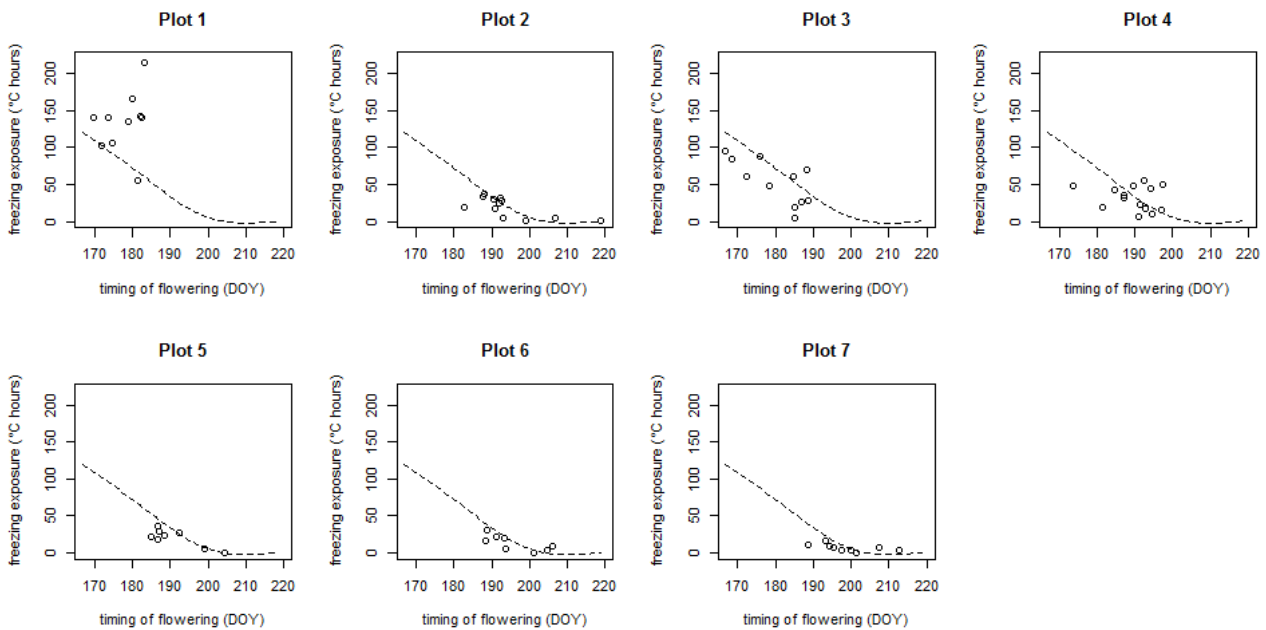


FIG. B4. Plot-level contributions of timing of peak flowering to freezing exposure prior to flowering at the plot level for *Salix arctica*. Broken line denotes regression line for all plots combined.

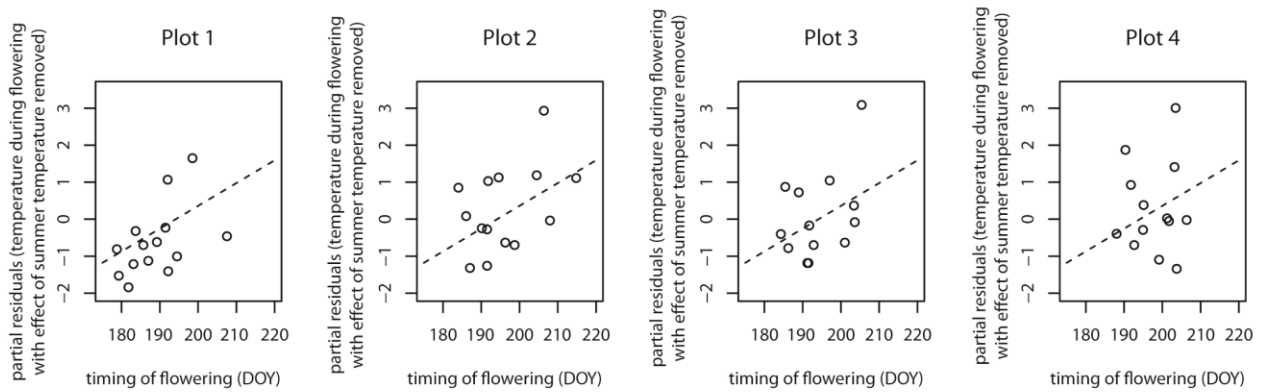


FIG. B5. Plot-level contributions of timing of peak flowering to mean temperature during flowering at the plot level for *Cassiope tetragona*. Broken line denotes GAM spline for all plots combined.

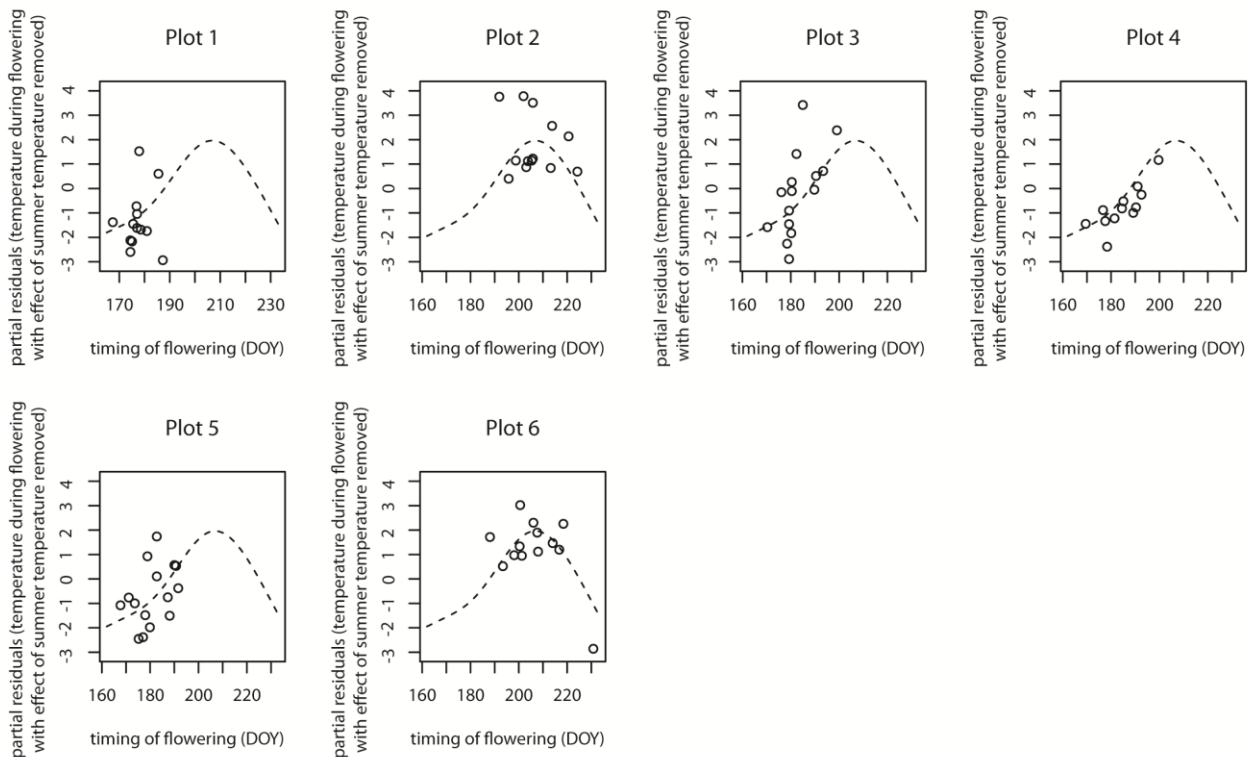


FIG. B6. Plot-level contributions of timing of peak flowering to mean temperature during flowering at the plot level for *Dryas octopetala/integrifolia*. Broken line denotes GAM spline for all plots combined.

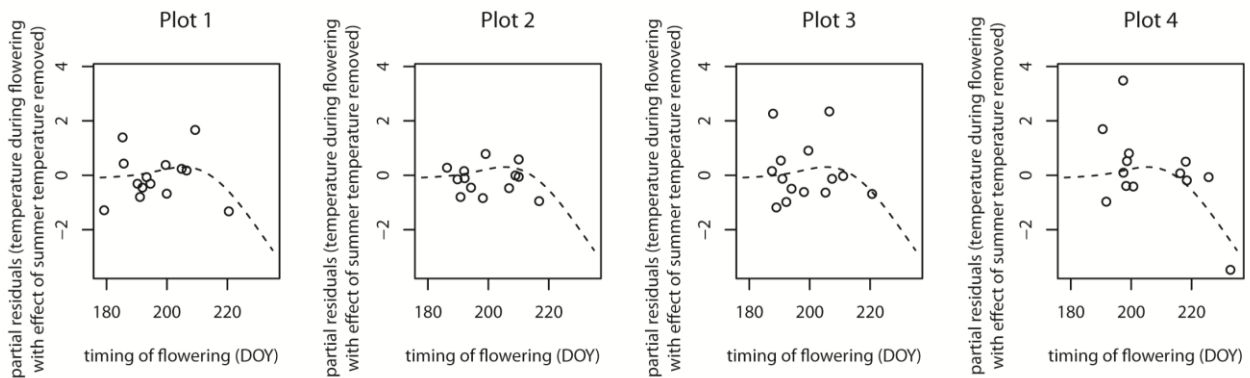


FIG. B7. Plot-level contributions of timing of peak flowering to mean temperature during flowering at the plot level for *Papaver radicum*. Broken line denotes GAM spline for all plots combined.

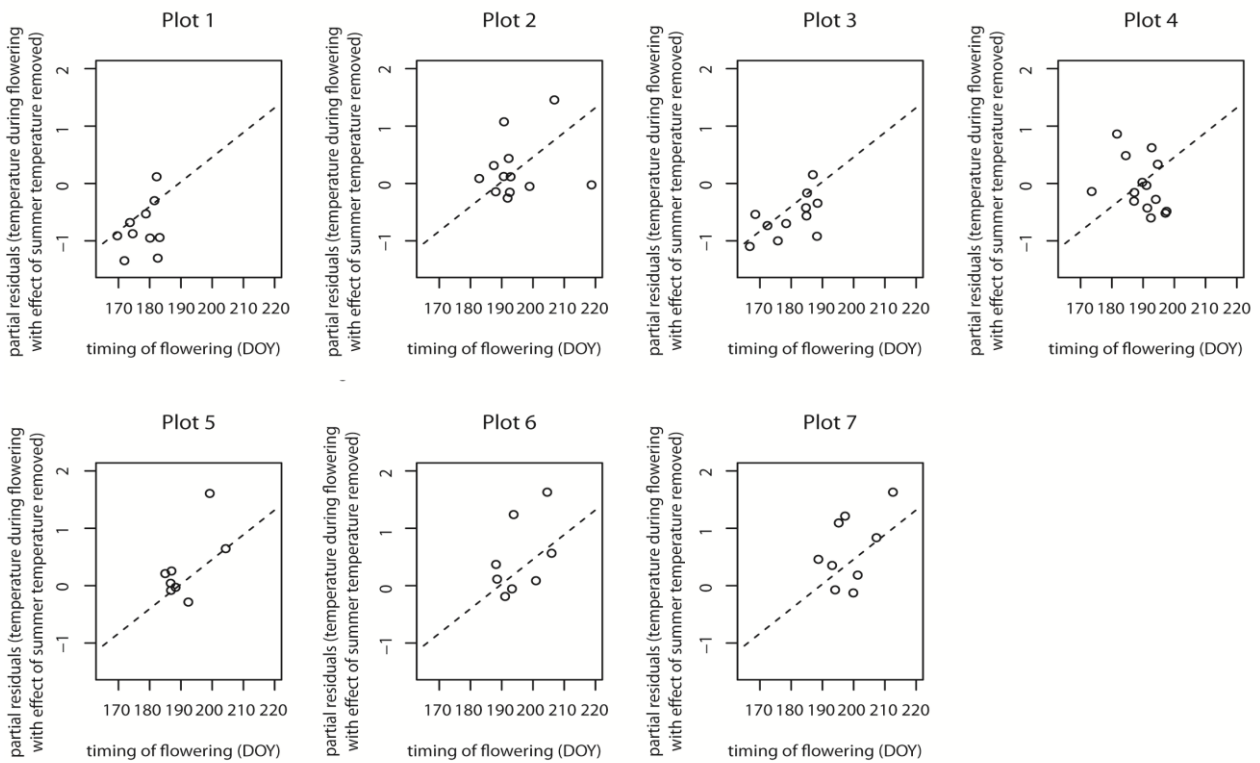


FIG. B8. Plot-level contributions of timing of peak flowering to mean temperature during flowering at the plot level for *Salix arctica*. Broken line denotes GAM spline for all plots combined.

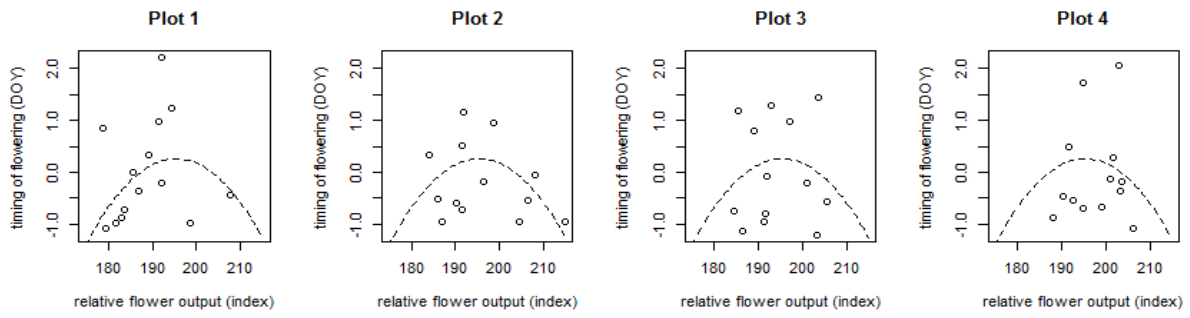


FIG. B9. Plot-level effect of timing of peak flowering on flower output at the plot level for *Cassiope tetragona*. Broken line denotes regression line for all plots combined.

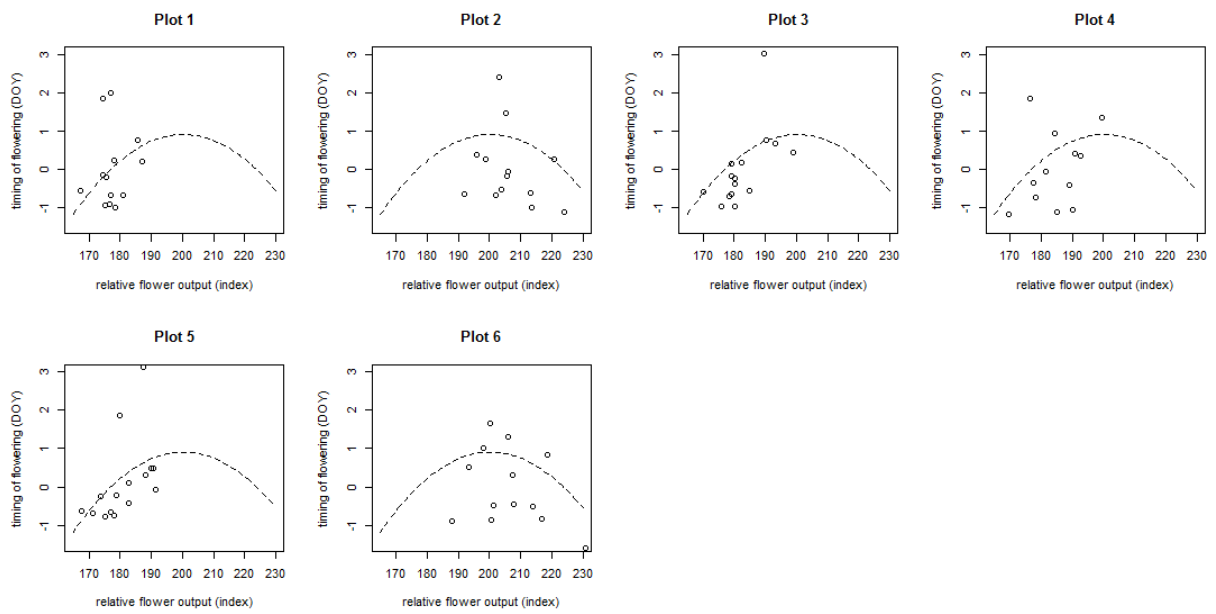


FIG. B10. Plot-level effect of timing of peak flowering on flower output at the plot level for *Dryas octopetala/integrefolia*. Broken line denotes regression line for all plots combined.

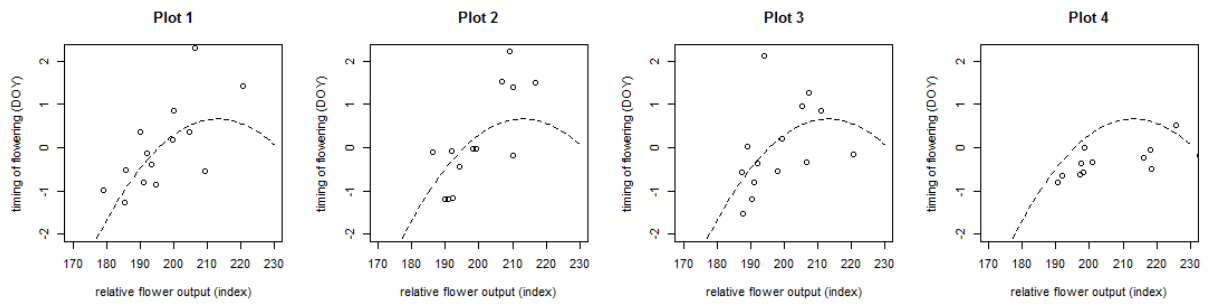


FIG. B11. Plot-level effect of timing of peak flowering on flower output at the plot level for *Papaver radicum*. Broken line denotes regression line for all plots combined.

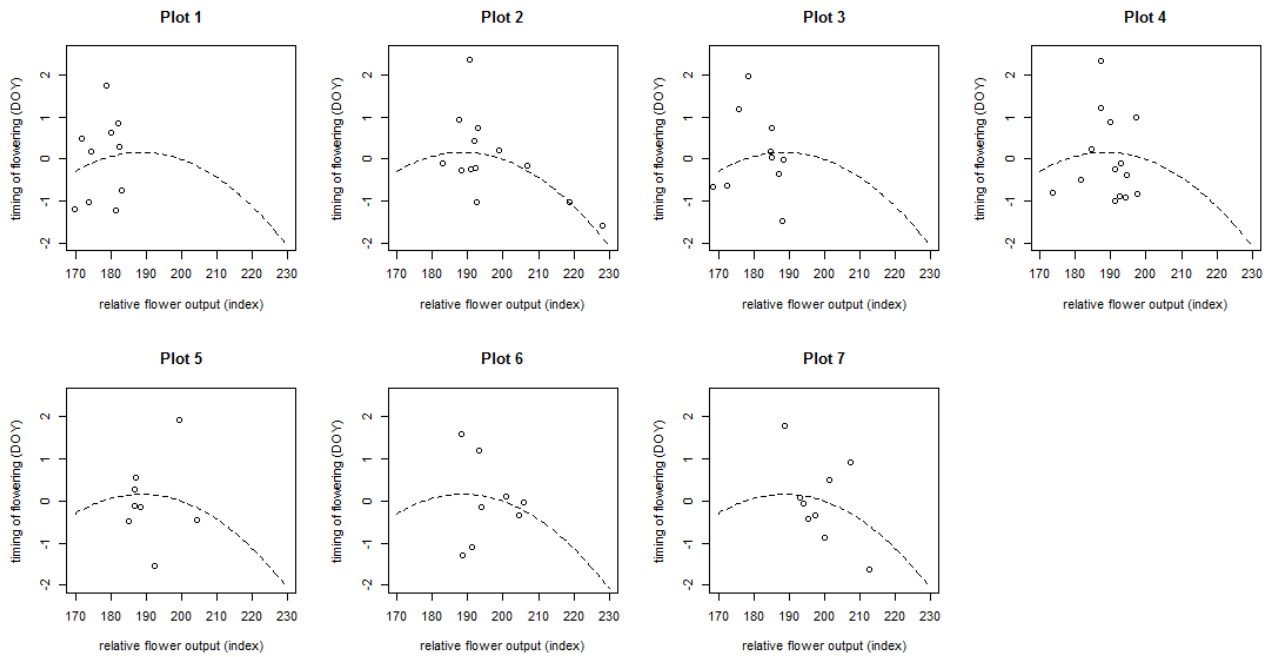


FIG. B12. Plot-level effect of timing of peak flowering on flower output at the plot level for *Salix arctica*. Broken line denotes regression line for all plots combined.