

Fig. 1aR: Standardized residuals of the alkenones plotted against the fitted values at every alkenone core location where the trend is positive.

File: Alk_stdresiduals_trends_points_vsFitted_same_scale_1-52_all-warmer.png

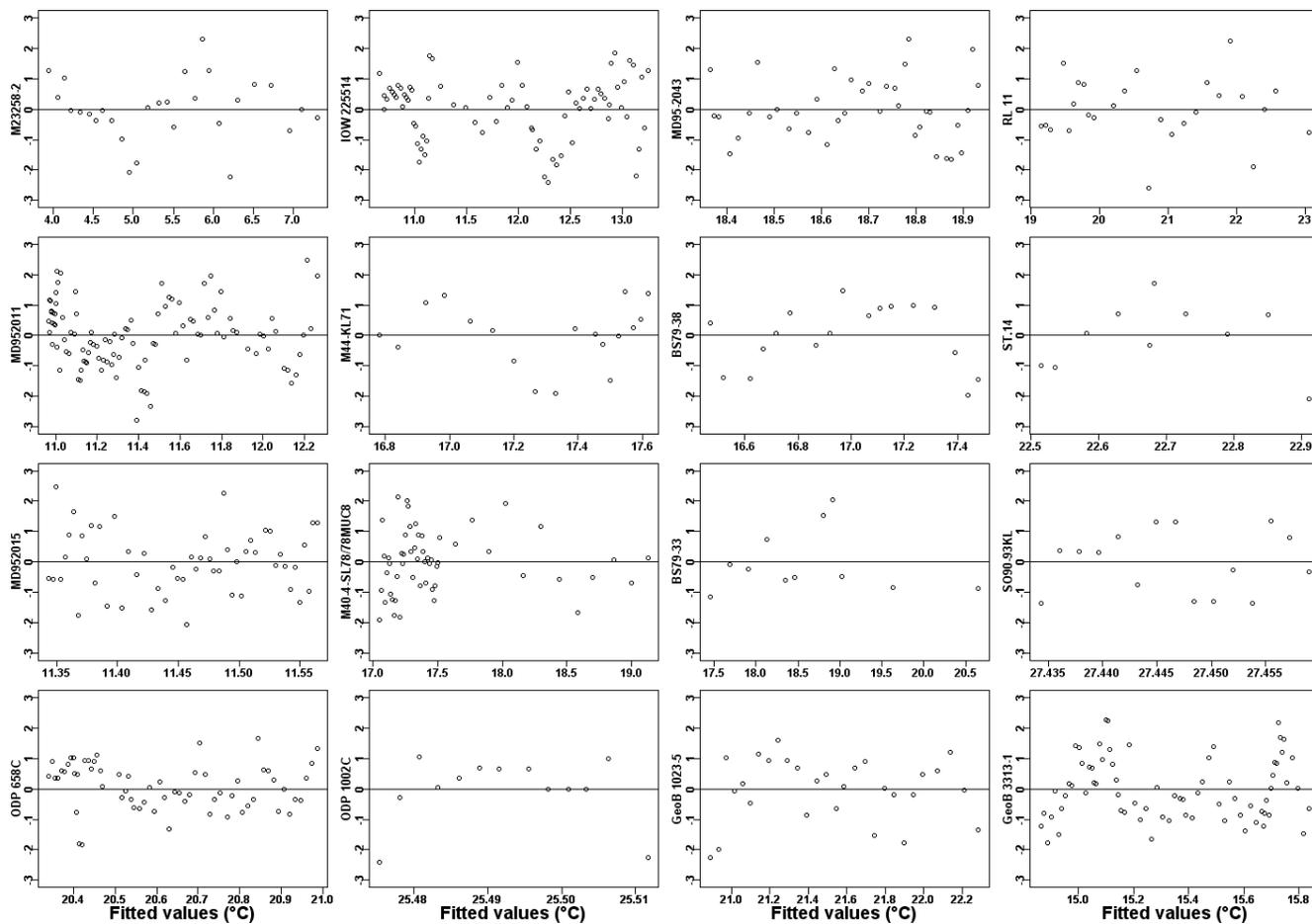


Fig. 1bR: As Fig. 1aR, but for the alkenone data where the trend is negative.
 File: Alk_stdresiduals_trends_points_vsFitted_same_scale_1-27_cooler1.png

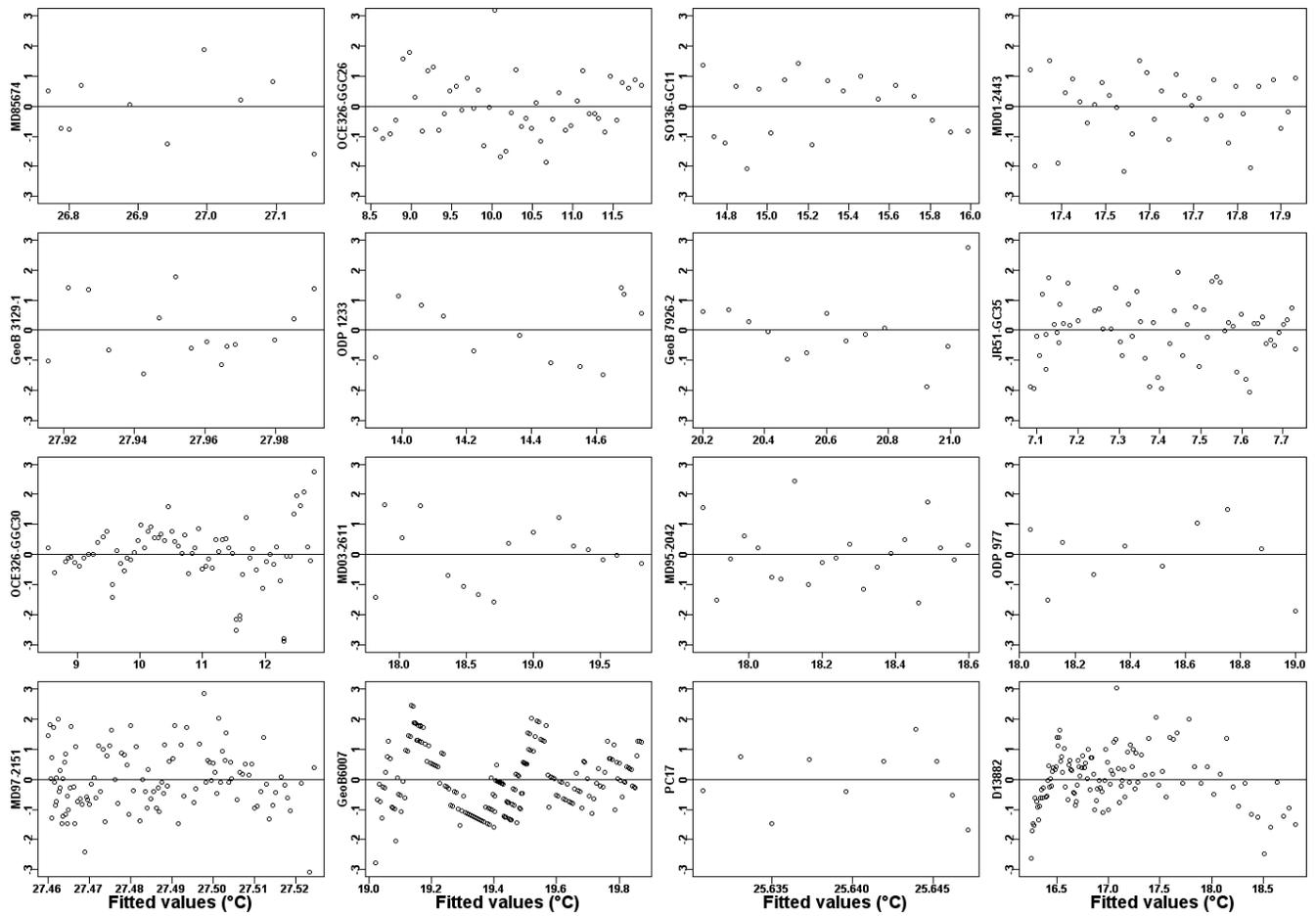


Fig. 1cR: As Fig. 1bR, for the remaining cores with negative trends.

File: Alk_stdresiduals_trends_points_vsFitted_same_scale_28-52_cooler2.png

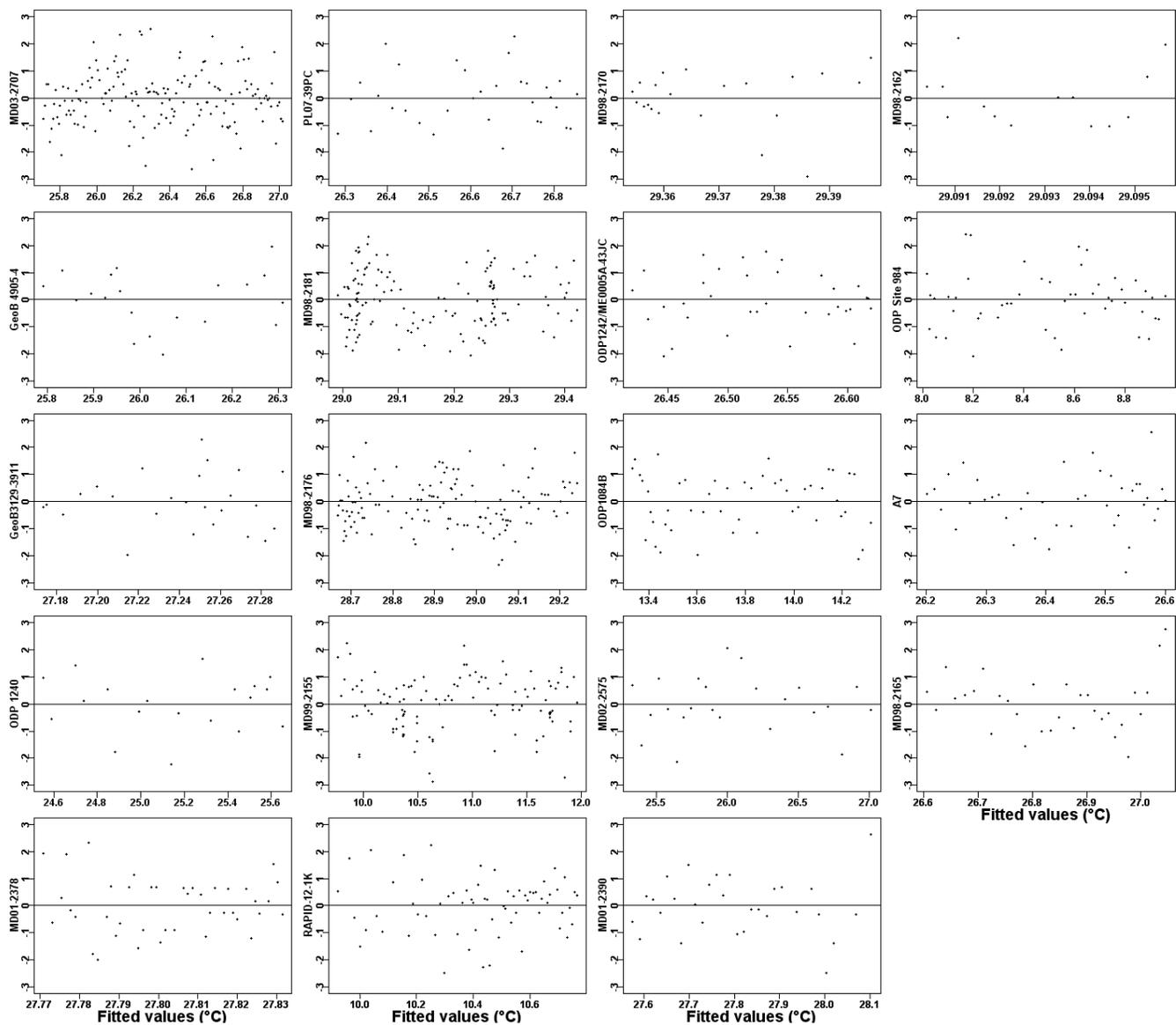


Fig. 2R: Standardized residuals of the Mg/Ca plotted against the fitted values at every Mg/Ca core location.

File: MgCa_stdres_residuals_trends_points_vsFitted_same_scale_1-19_smallpt_cafig2.png

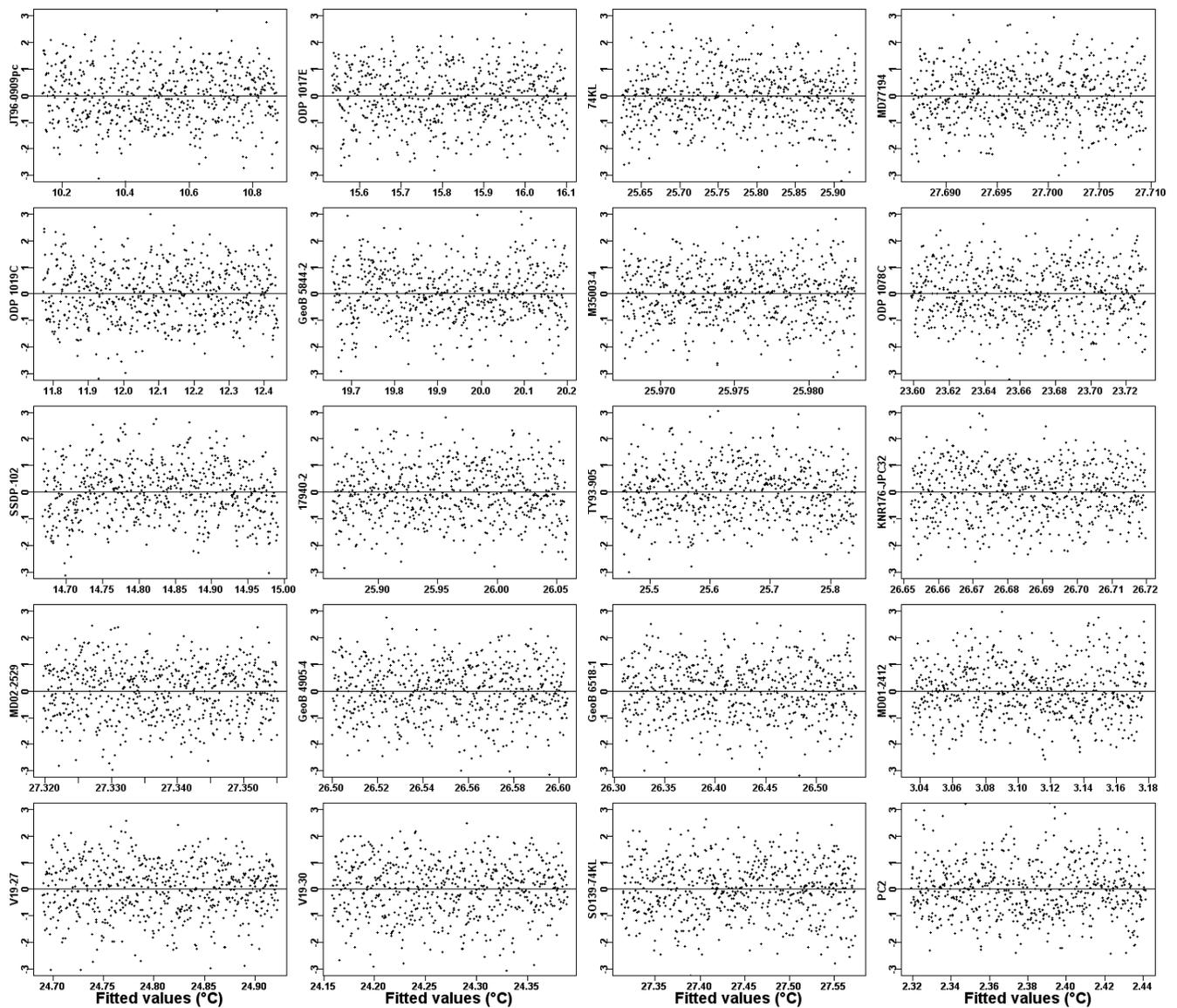


Fig. 3aR: Standardized residuals of the model at the location of the alkenones where the trend is positive plotted against the fitted values at every alkenone core location (cf. Fig. 1aR).

File: Model_stdresiduals_trends_points_vsFitted_same_scale_5-51_smallpt_all-warmer.png

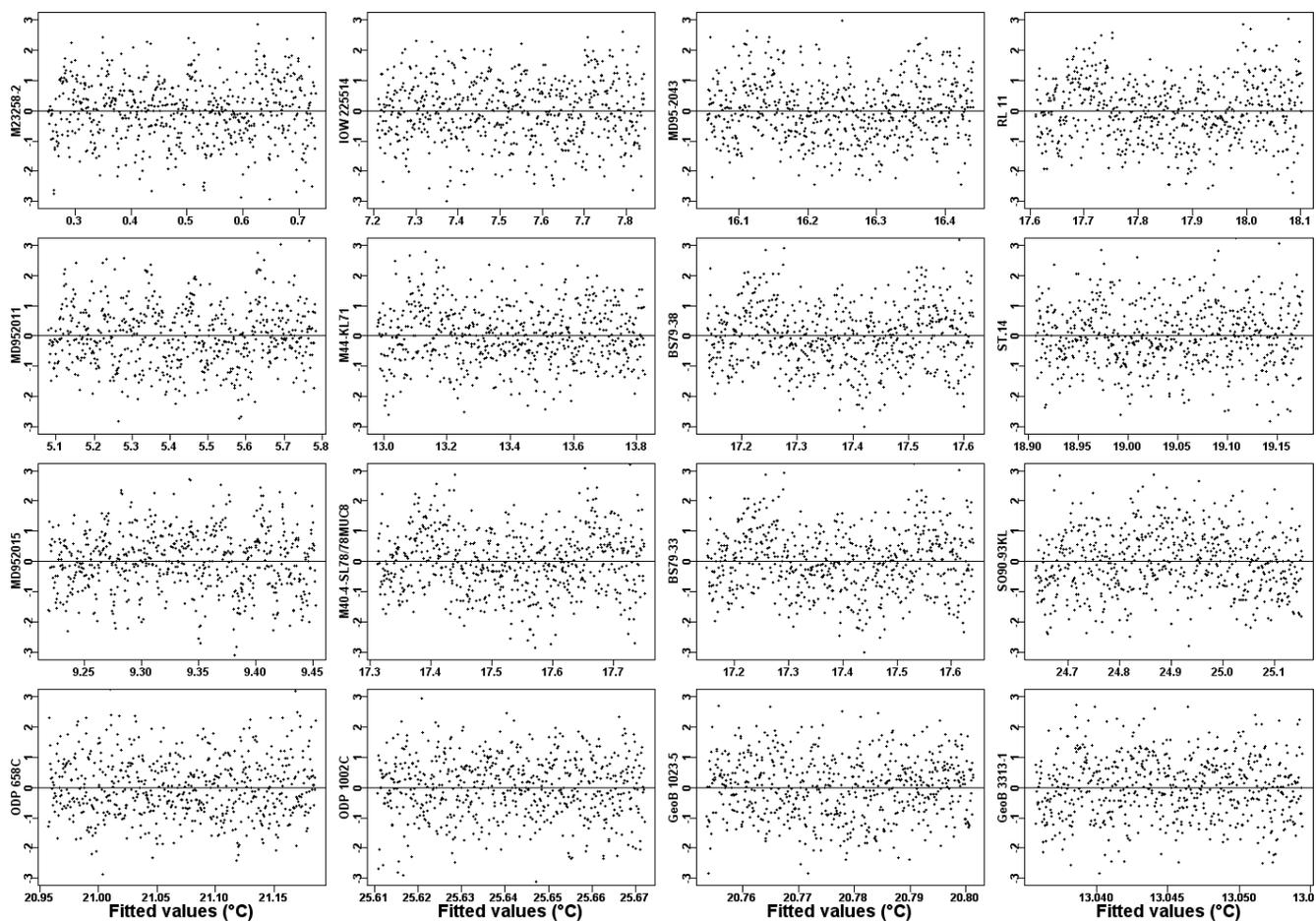


Fig. 3bR: Standardized residuals of the model at the location of the alkenones where the trend is negative plotted against the fitted values at every alkenone core location (cf. Fig 1bR)

File: Model_stdresiduals_trends_points_vsFitted_same_scale_1-27_smallpt_cooler1.png

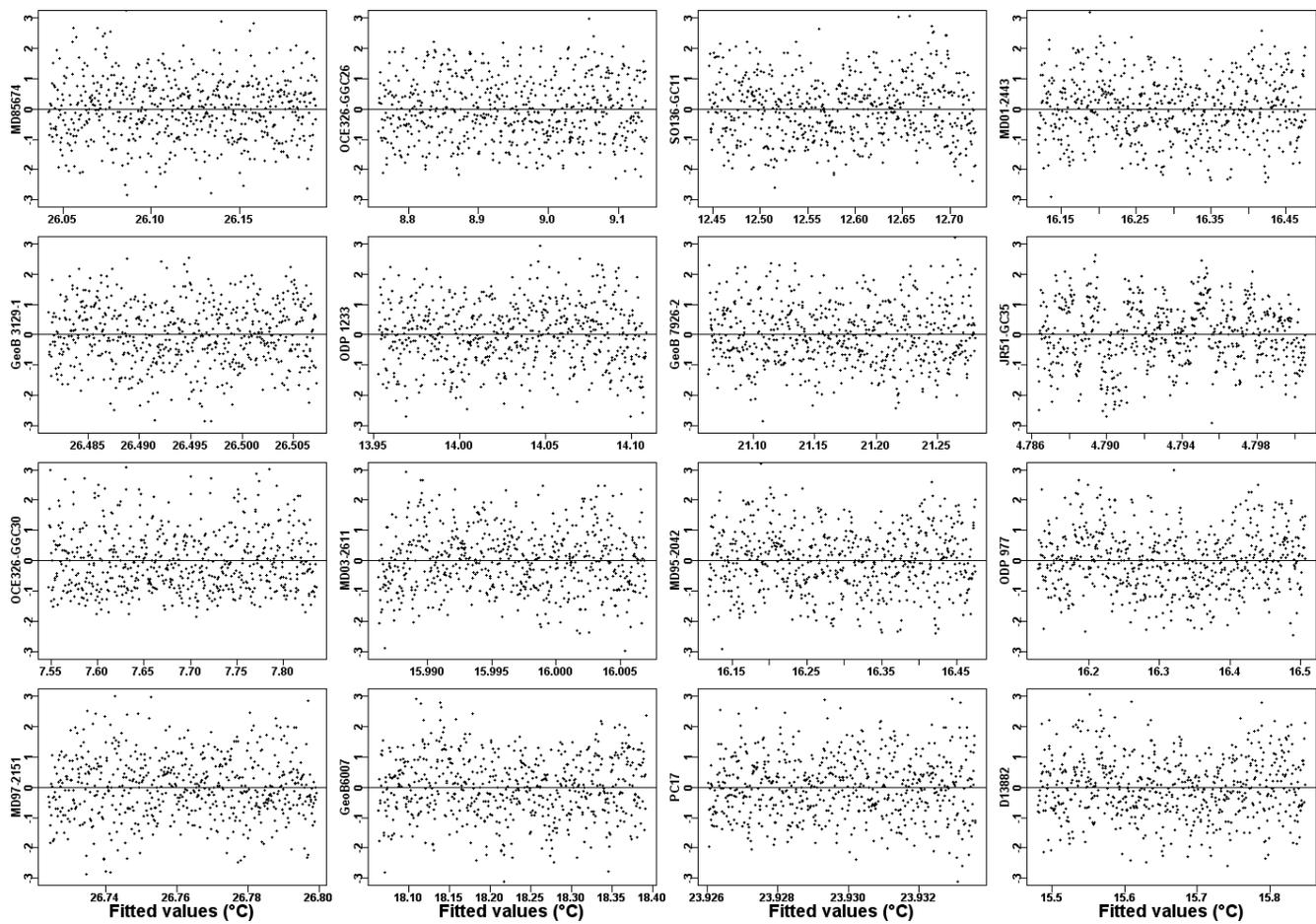


Fig. 3cR: Standardized residuals of the model at the location of the alkenones where the trend is negative plotted against the fitted values at every alkenone core location (cf. Fig. 1cR).

File: Model_stdresiduals_trends_points_vsFitted_same_scale_28-52_smallpt_cooler2.png

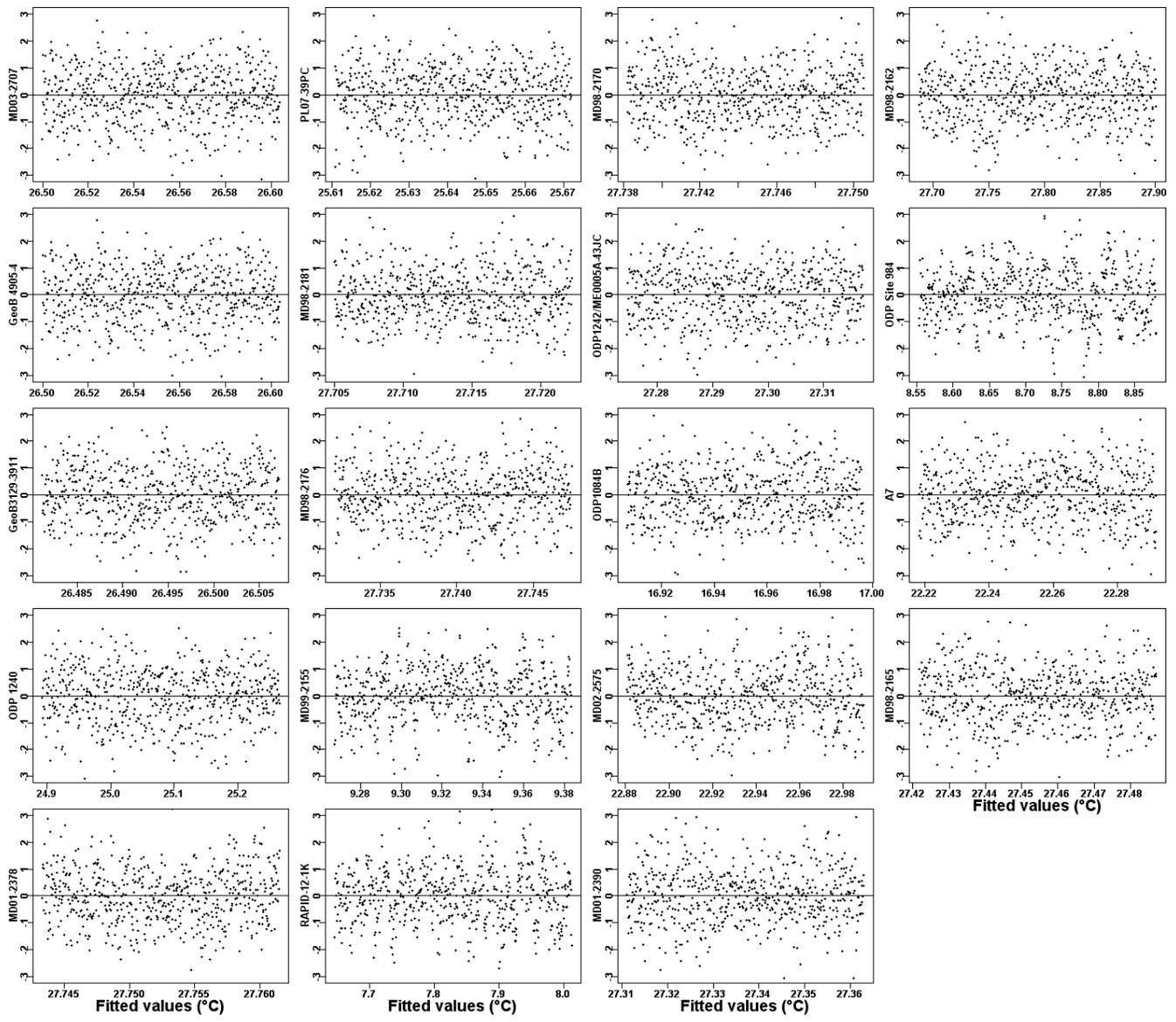


Fig. 4R: Standardized residuals of the model at the location of the Mg/Ca plotted against the fitted values at every Mg/Ca core location (cf. Fig. 2R)

File: Model_stdresiduals_MgCalocation_trends_points_vsFitted_same_scale_1-19_smallpt_cafig2.png

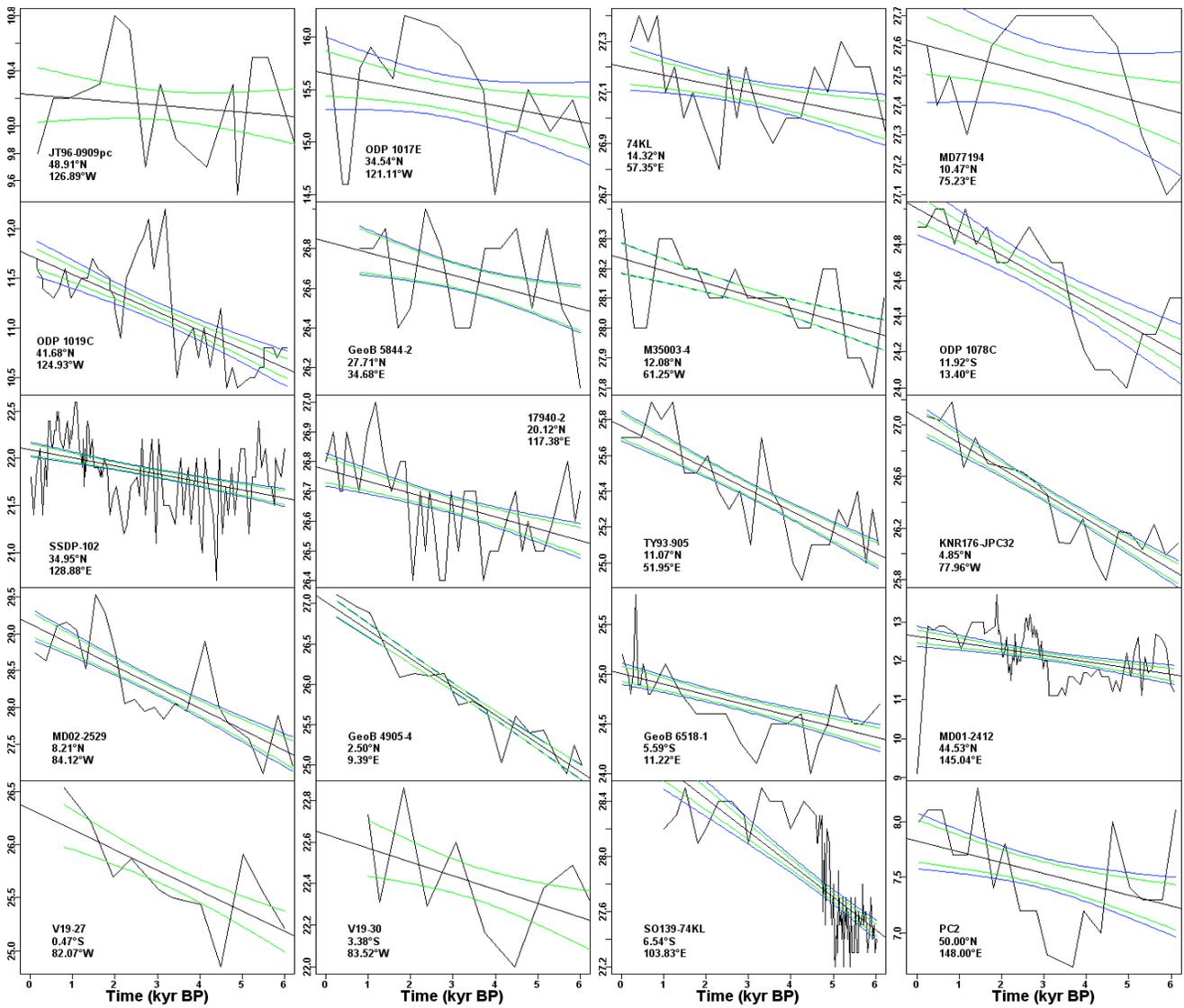


Fig. 5aR: Alkenones timeseries with positive linear trends and their standard errors (part of Fig. 1 in the paper). The blue curved lines represent the standard error that account for serial correlation, the green ones represent those not accounting for serial correlation.

File: Alk_std_err_5-51_corrected_all-warmer.png

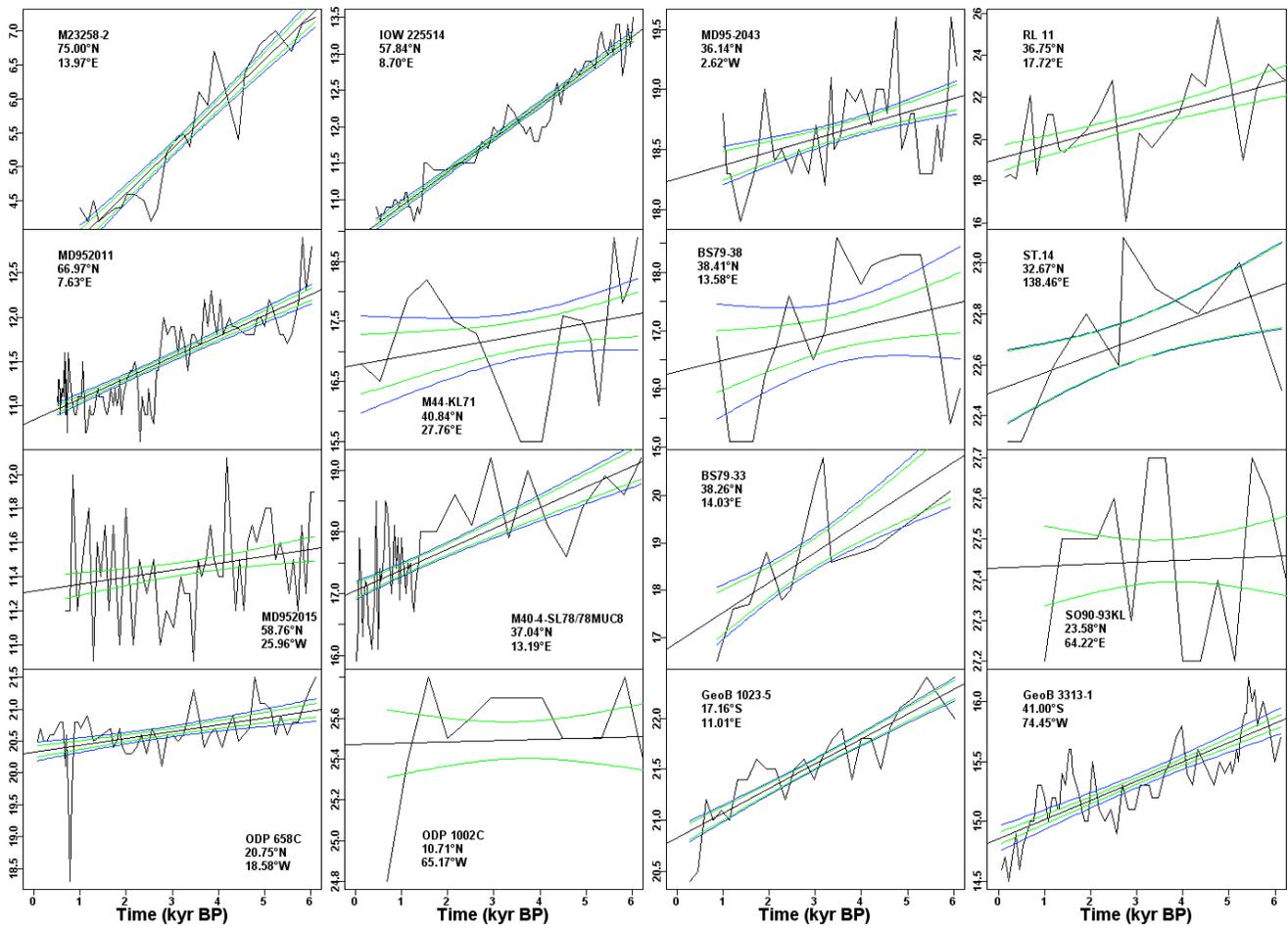


Fig. 5bR: Alkenones timeseries with negative linear trends and their standard errors.
 File: Alk_std_err_1-27_corrected_cooler1.png

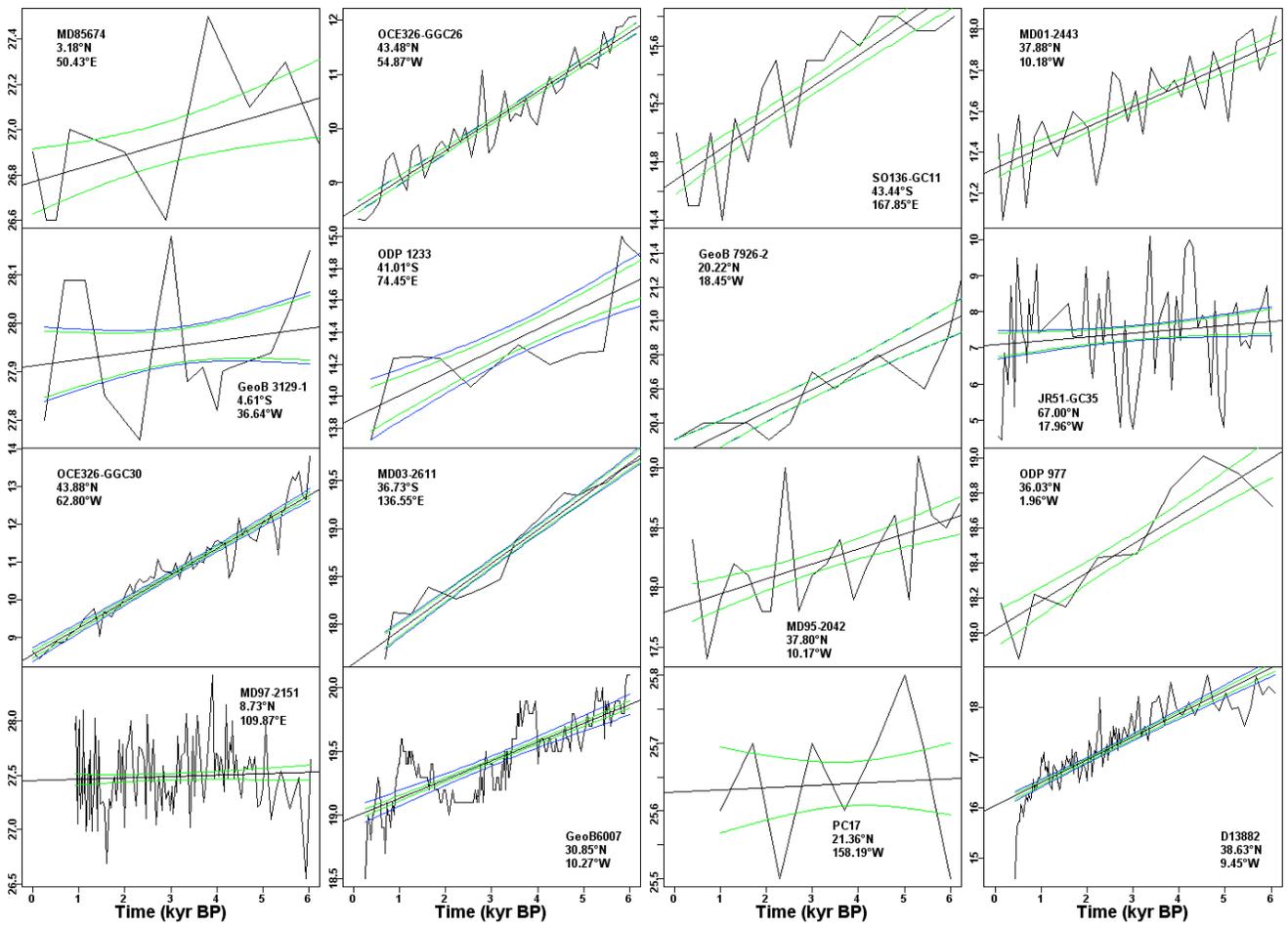


Fig. 5cR: Continued, as Fig. 5bR.
 File: Alk_std_err_28-52_corrected_cooler2.png

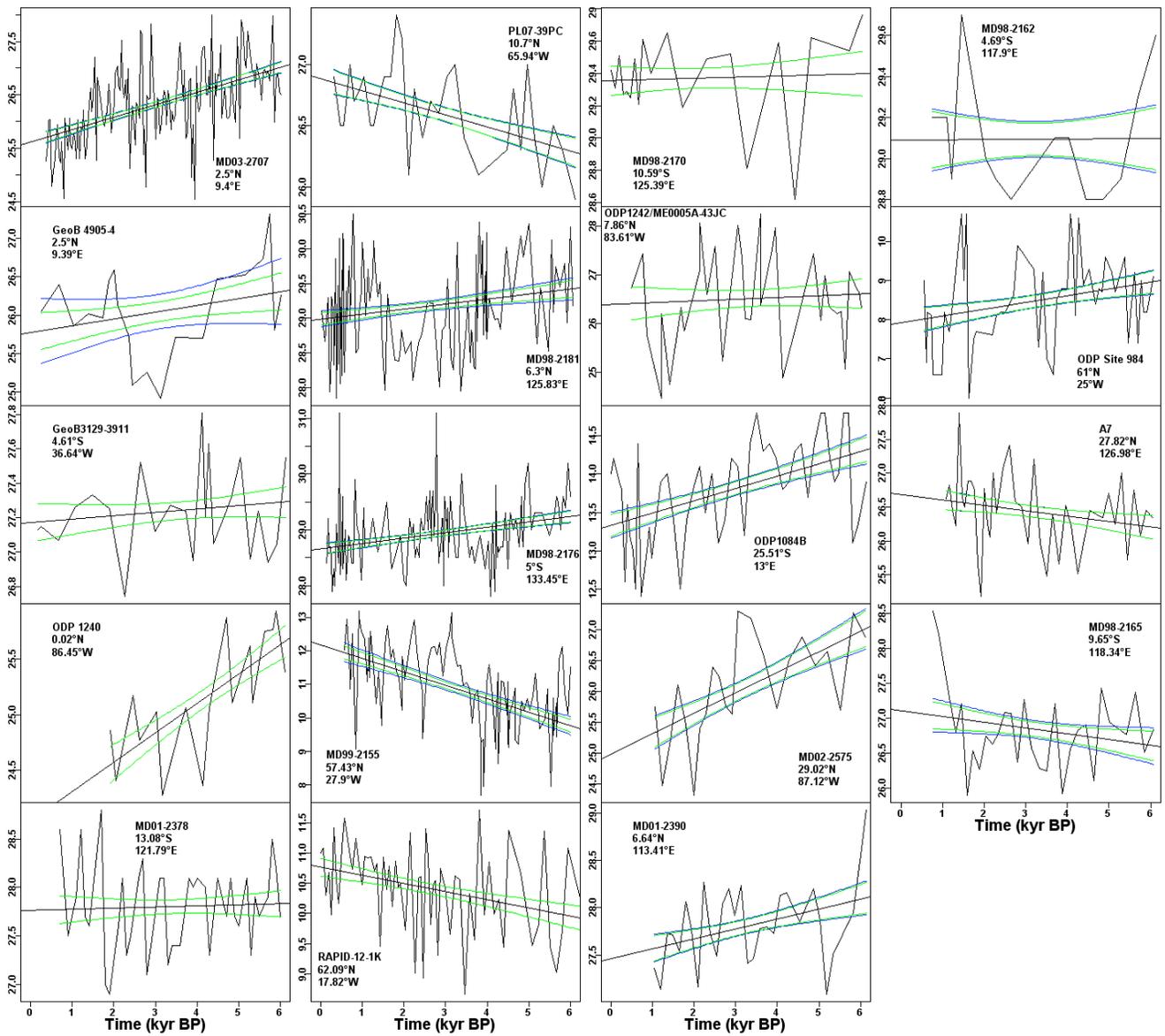


Fig. 6R: Mg/Ca timeseries including the linear trends and their standard errors (old Fig. 2 in the paper).
 File: MgCa_std_err_1-19_corrected.png

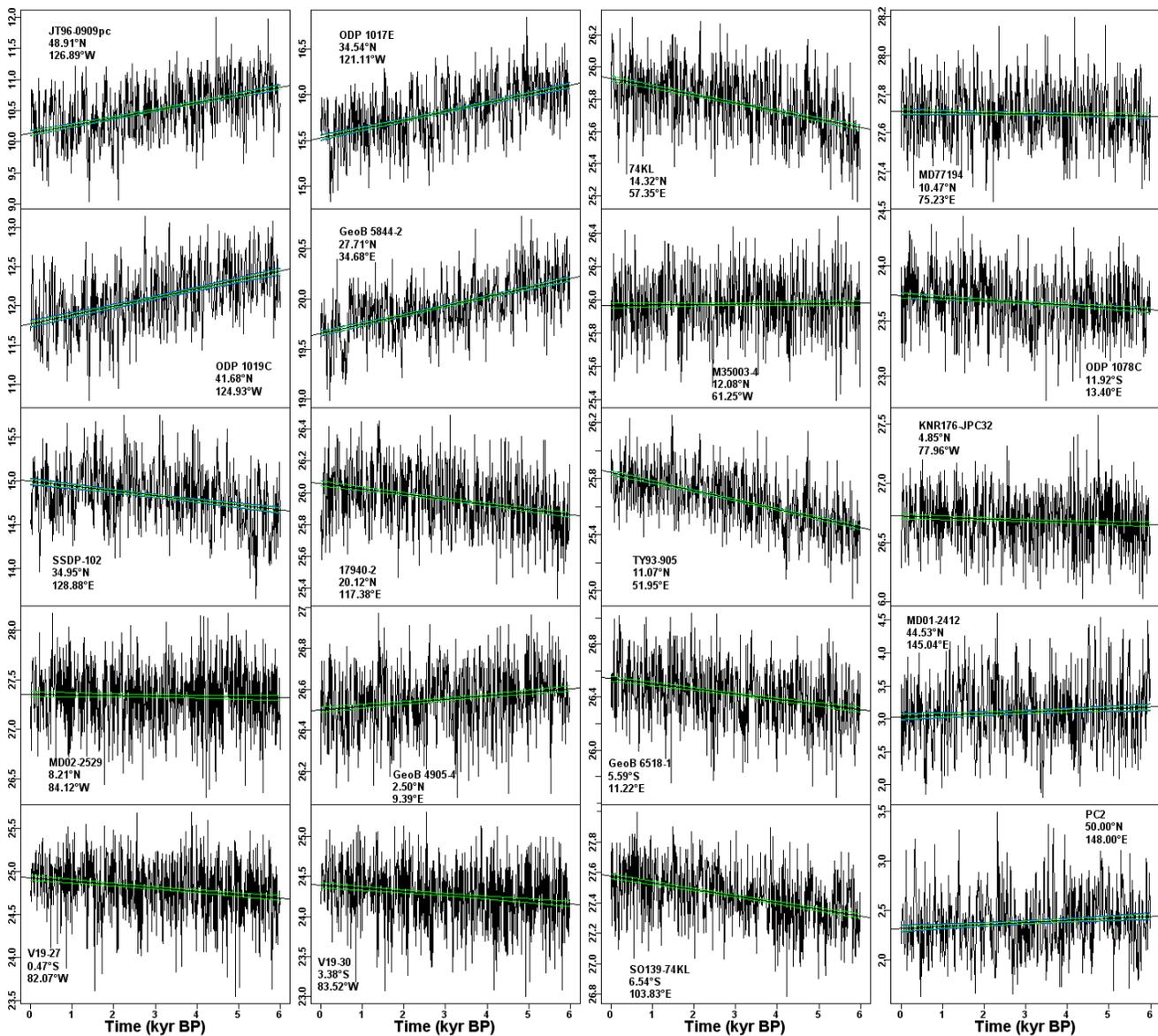


Fig. 7aR: Model timeseries at the location of the alkenone proxies (that show a positive trend), linear trends and their standard errors (cf. Fig. 5aR).

File: HOPE_SST_Alk_std_err_timeserie_5-52_alk-all-warmer.png

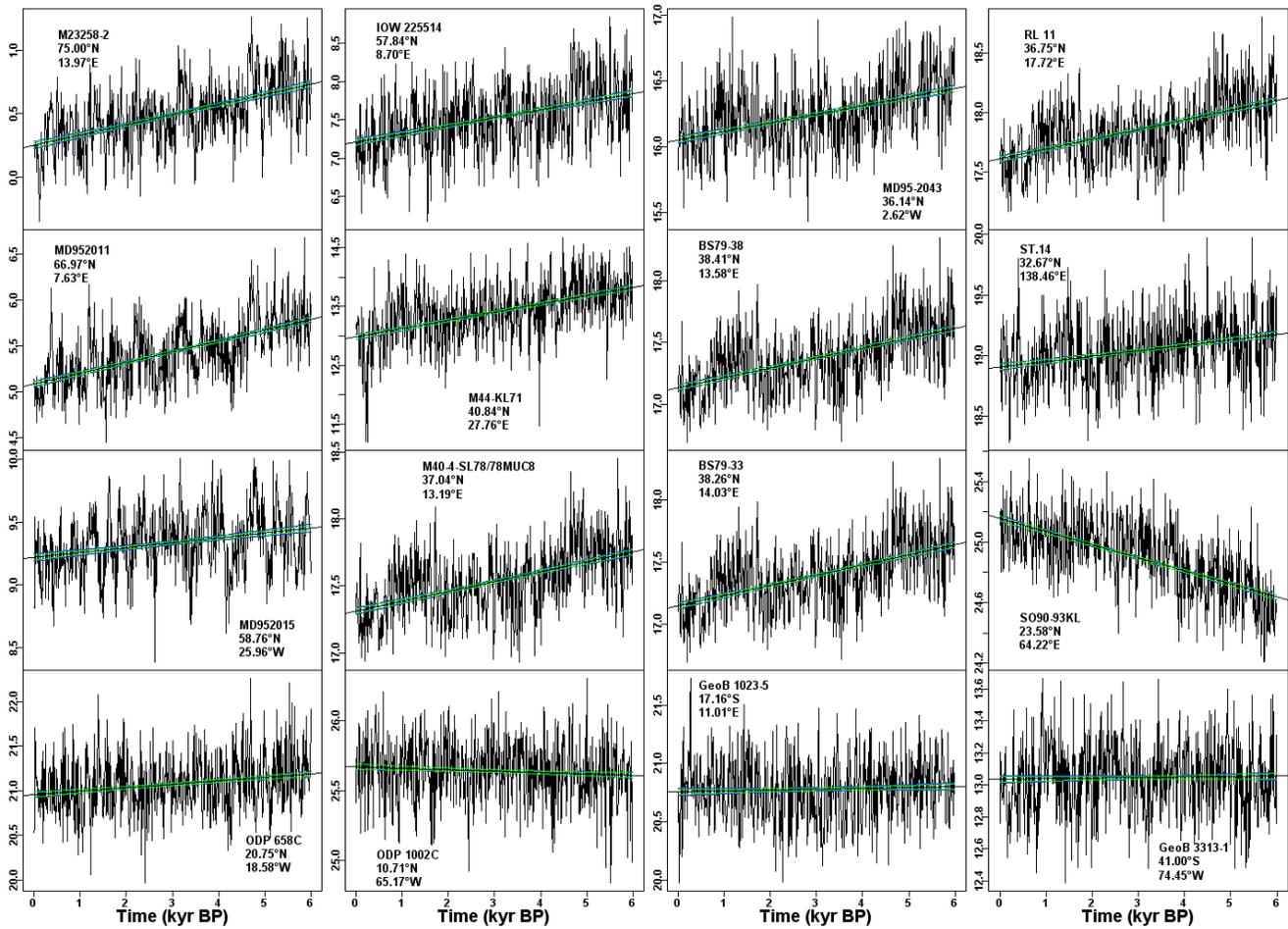


Fig. 7bR: HOPE-G model timeseries at the location of the alkenone proxies (that show a negative trend), linear trends and their standard errors (cf. Fig. 5bR).

File: HOPE_SST_Alk_std_err_timeserie_1-27_alk-cooler1.png

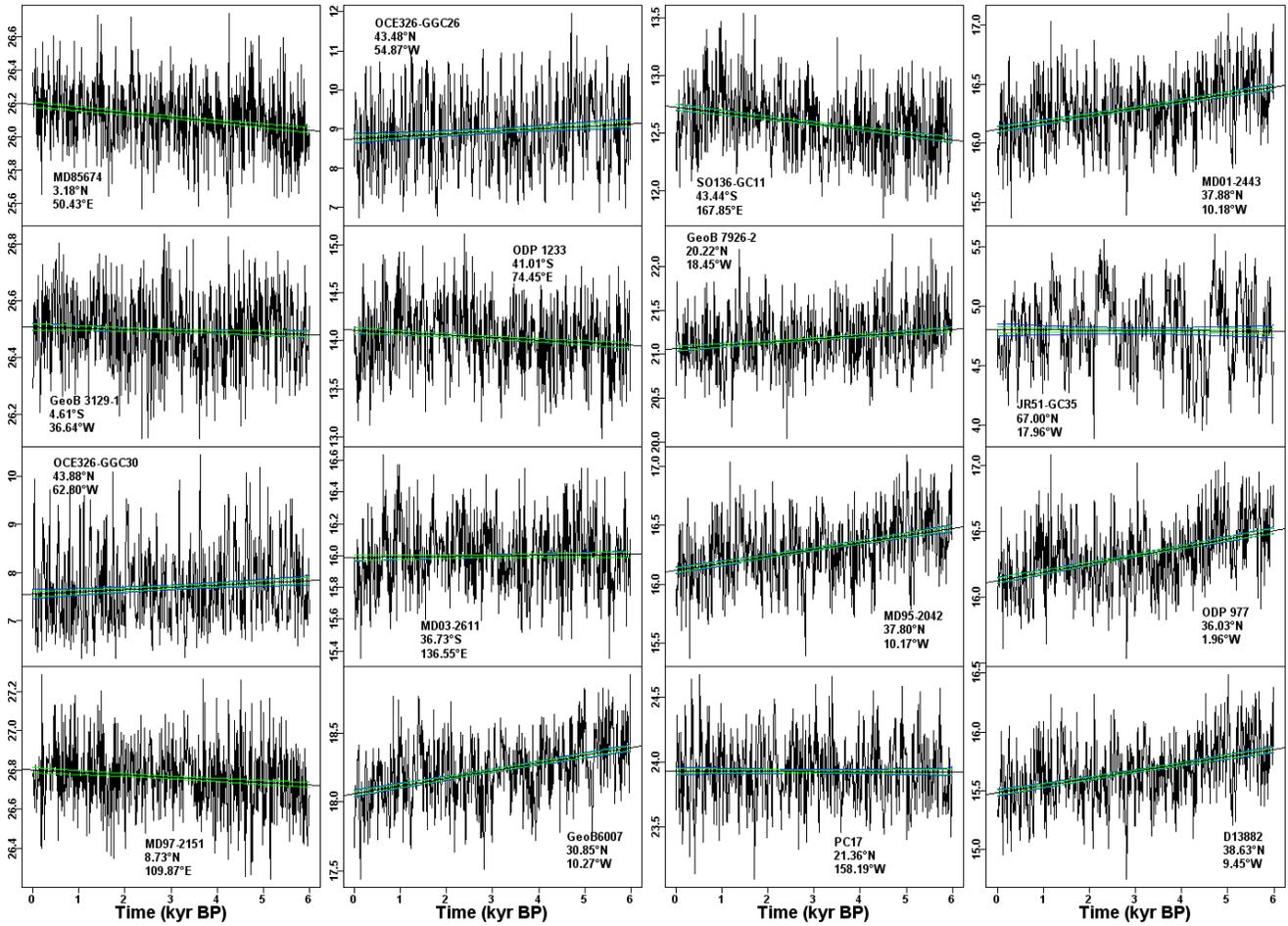


Fig. 7cR: HOPE-G model timeseries at the location of the alkenone proxies (that show a negative trend), linear trends and their standard errors (cf. Fig. 5cR).

File: HOPE_SST_Alk_std_err_timeserie_28-52_alk-cooler2.png

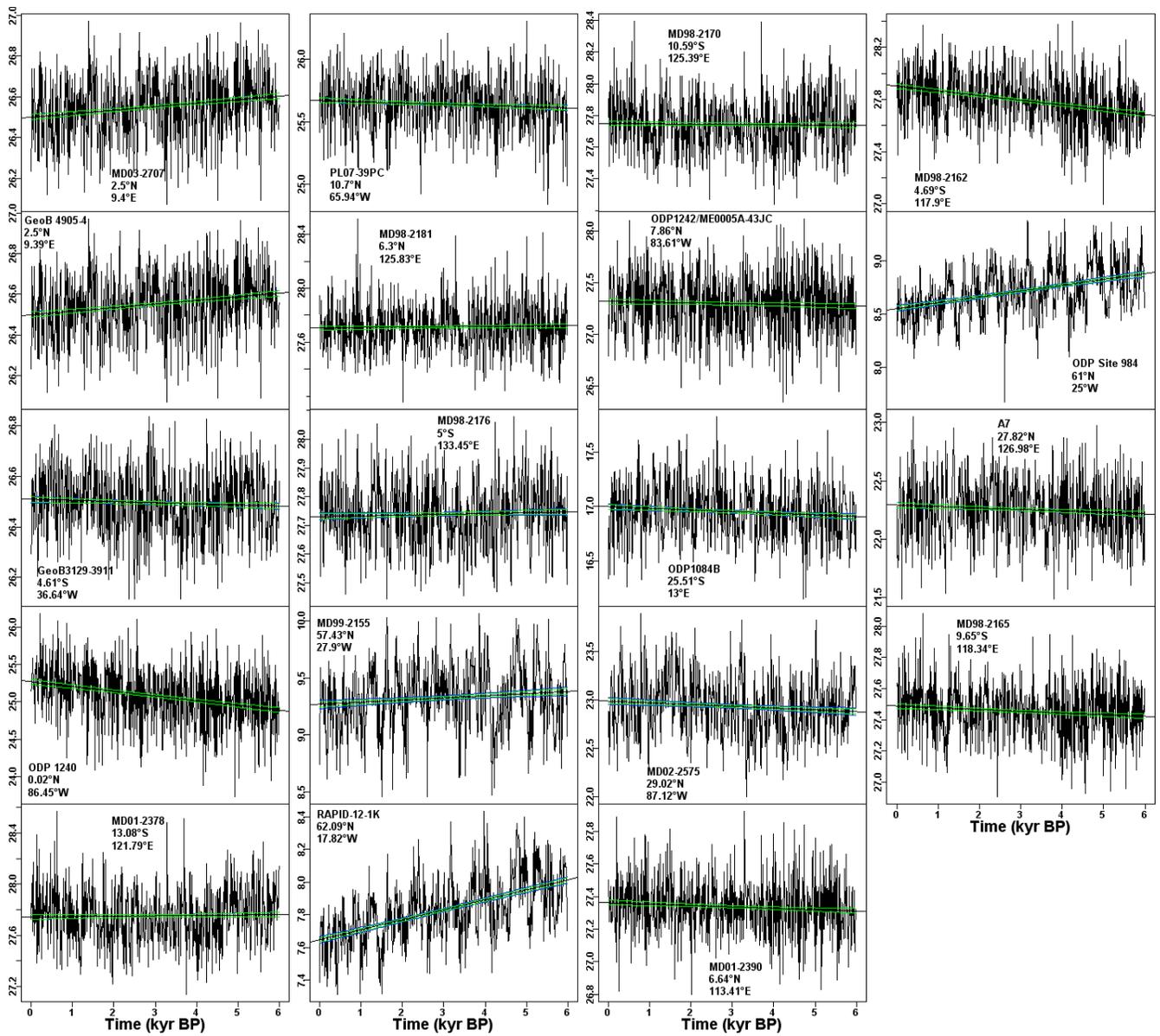


Fig. 8R: HOPE-G model timeseries at the location of the Mg/Ca proxies, linear trends and their standard errors (cf. Fig. 6R)

File: HOPE_SST_MgCa_std_err_timeserie_1-19.png

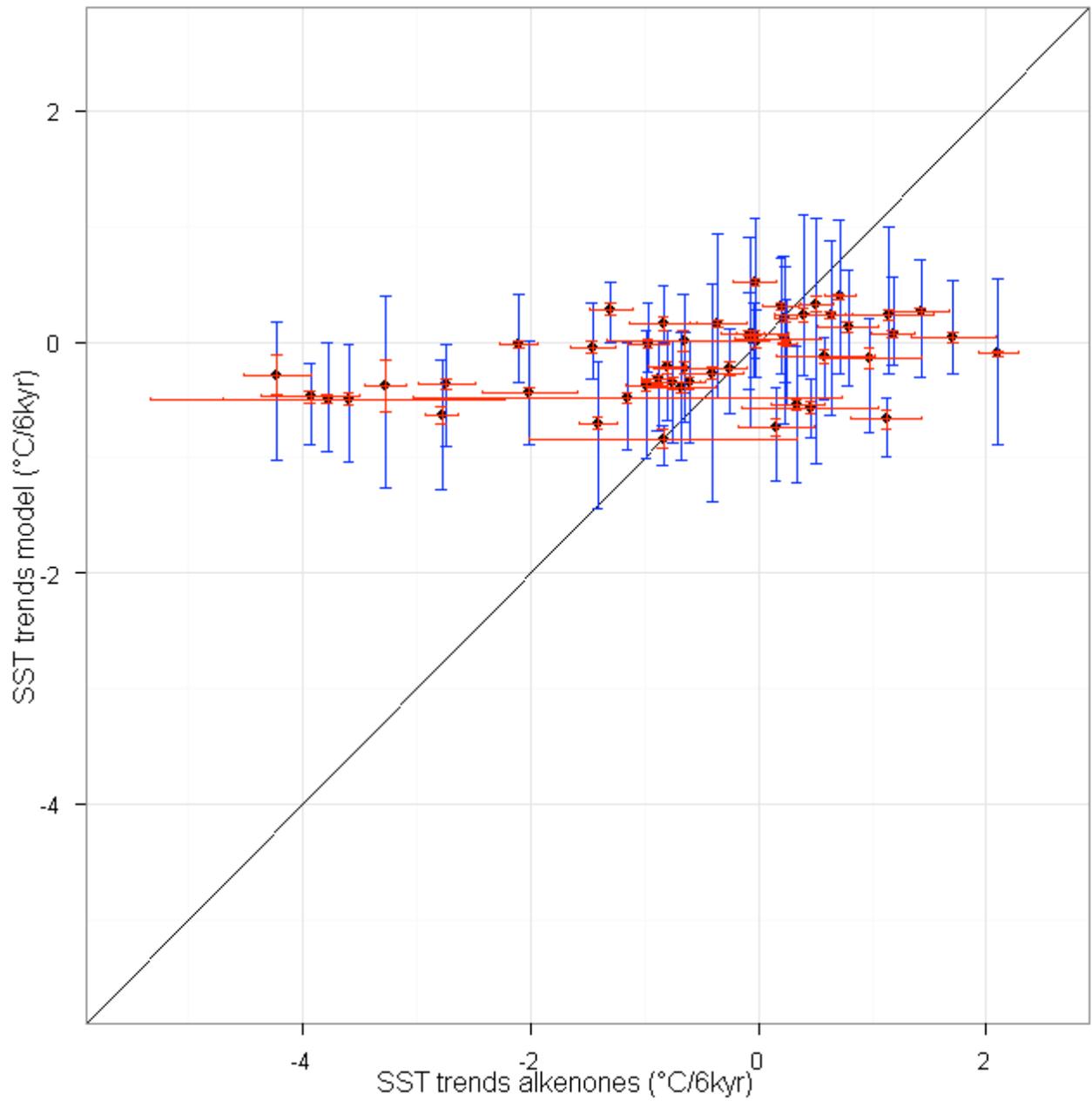


Fig. 9aR: Alkenone SST trends vs. Model SST trends. Red bars represent the standard error of the slope and blue bars show the modeled seasonal range (maximum and minimum seasonal temperature).

File: Alk_model_scatter_plot_error_bars_mulc6_allsame_scale_corrected_seasons.png

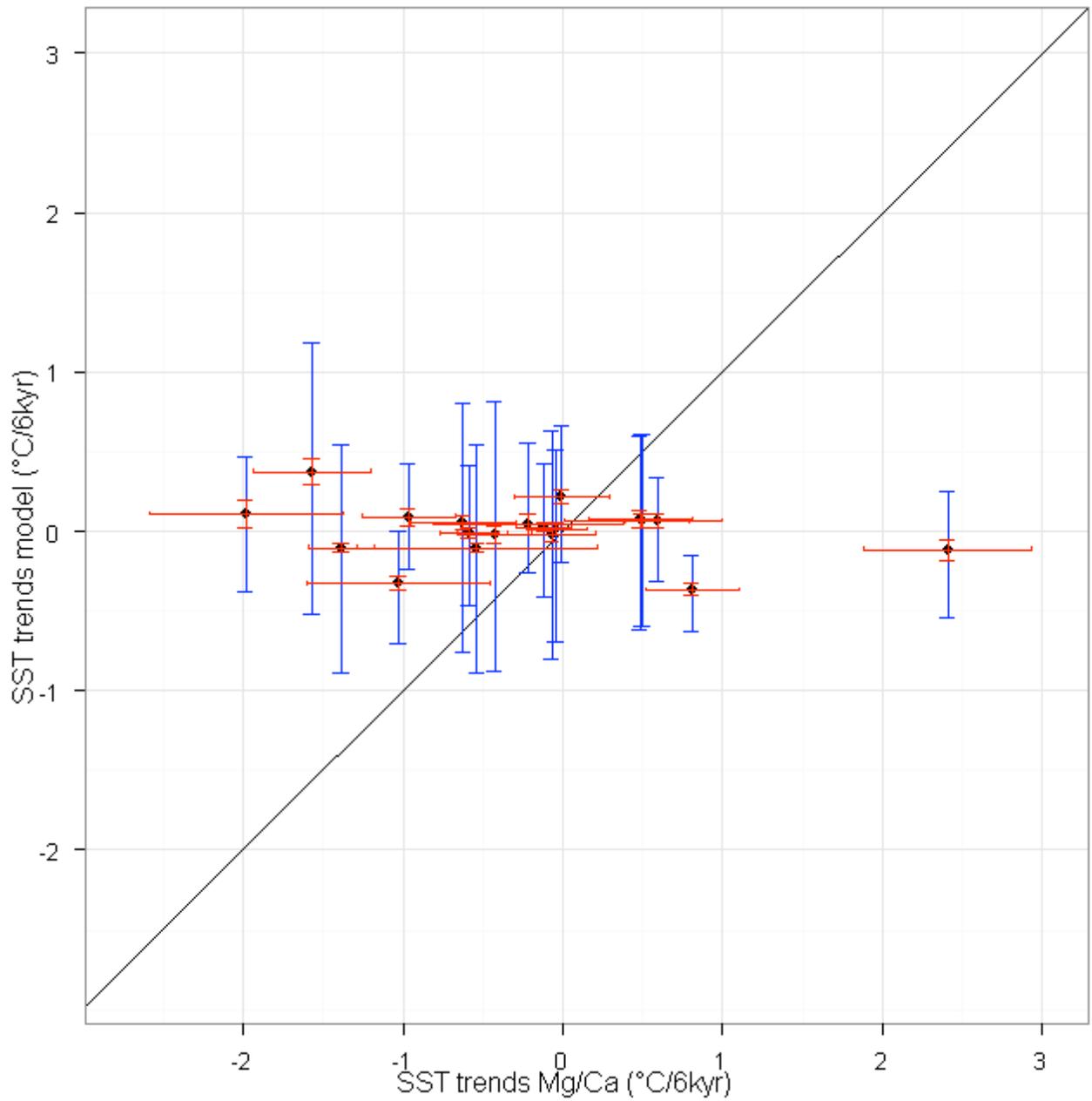


Fig. 9bR: As panel a, but for Mg/Ca SST trends vs. Model SST trends.

File: MgCa_model_scatter_plot_error_bars_mulc6_allsame_scale_corrected_seasons.png

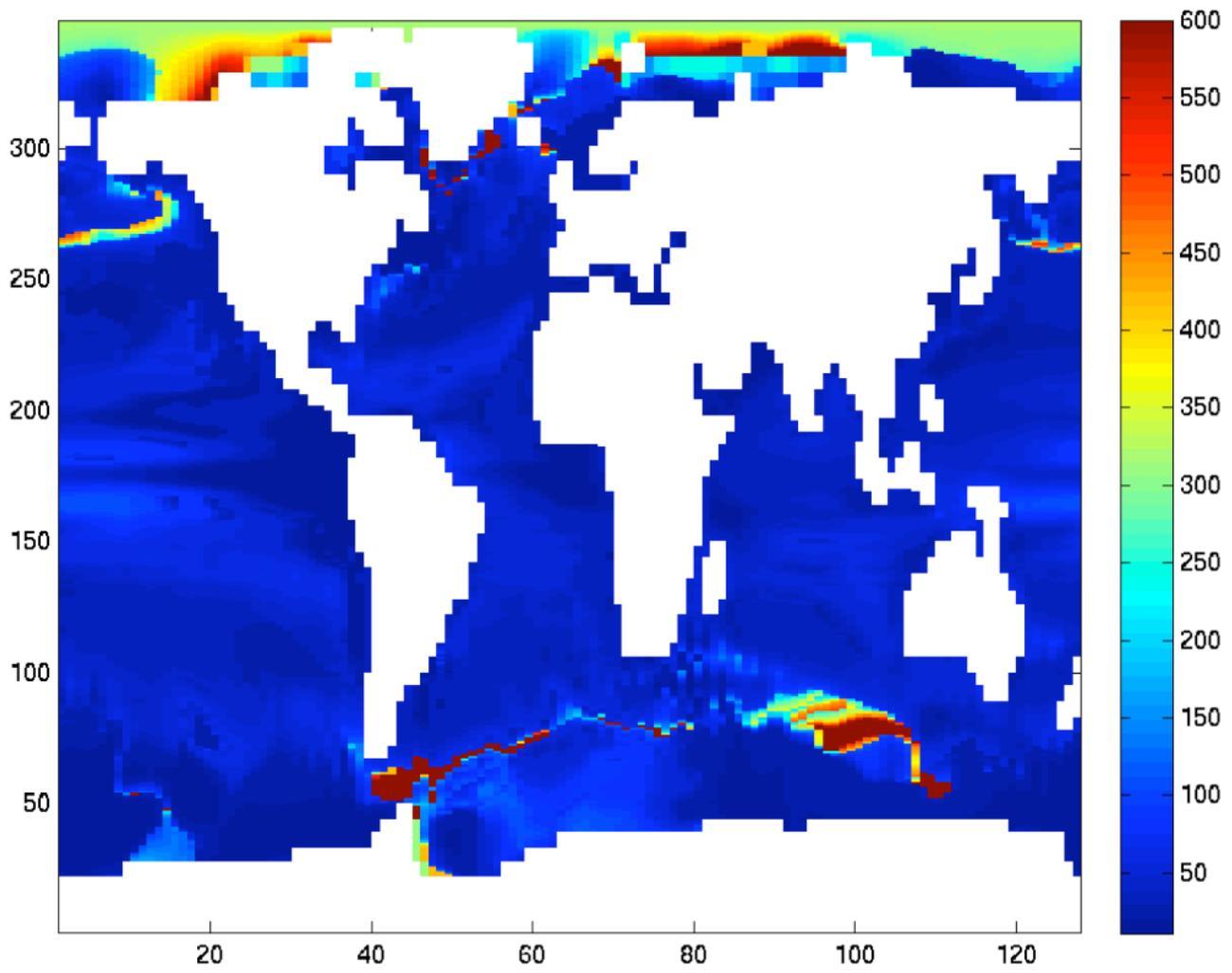


Fig. 10aR: HOPE-G annual mean mixed layer depth (m).
File: HOPE-G_mixed_layer_depth_ann_05.pdf or .png

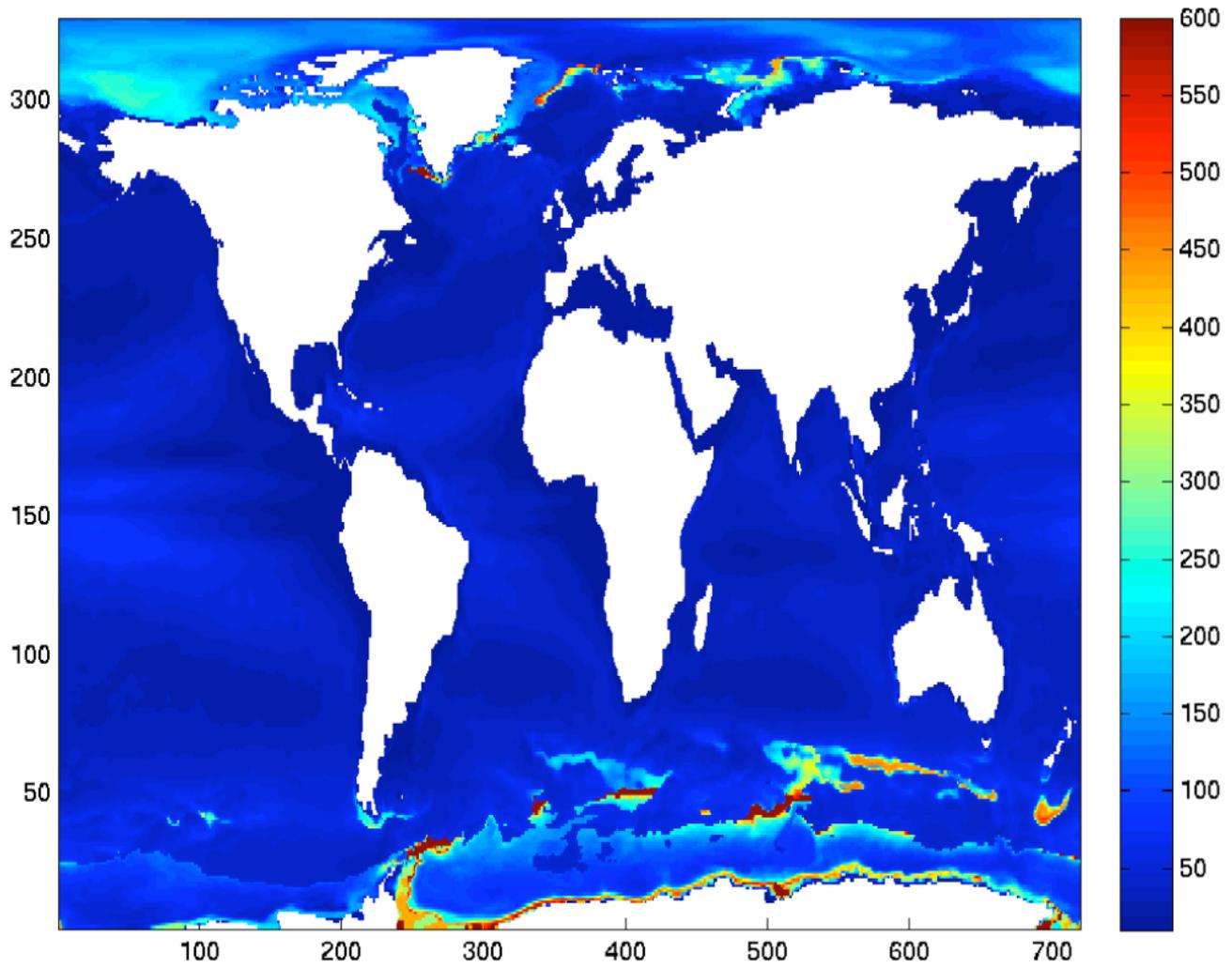


Fig. 10bR: Same as Fig. 19R, but for the SODA data set.
File: soda_mixed_layer_depth_ann_05.pdf or .png

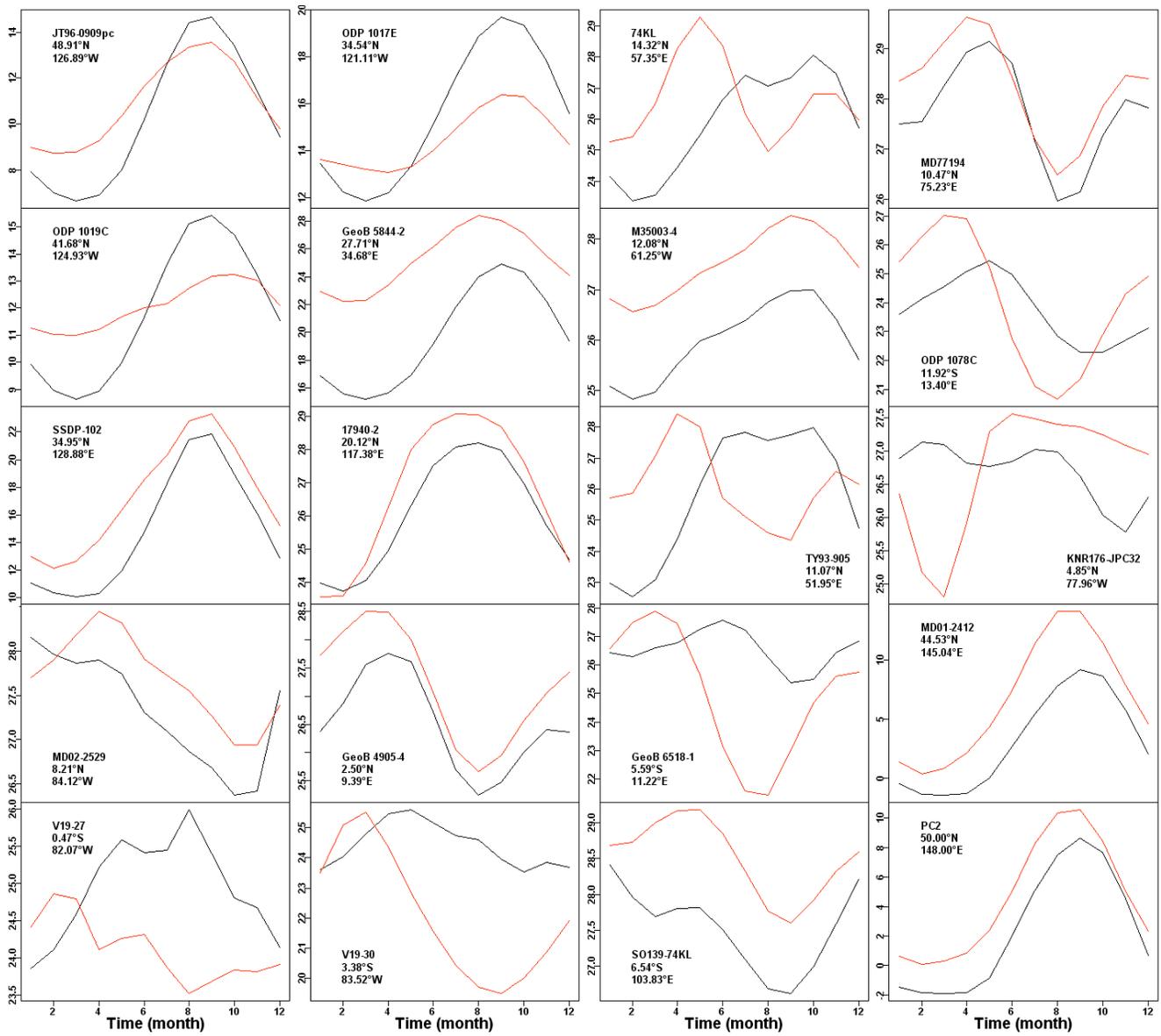


Fig. 11aR: Seasonal cycle at the alkenone core locations (cf. Fig. 5aR). The black lines represent the modeled seasonal cycle, while the red represent the observational SST seasonal cycle.

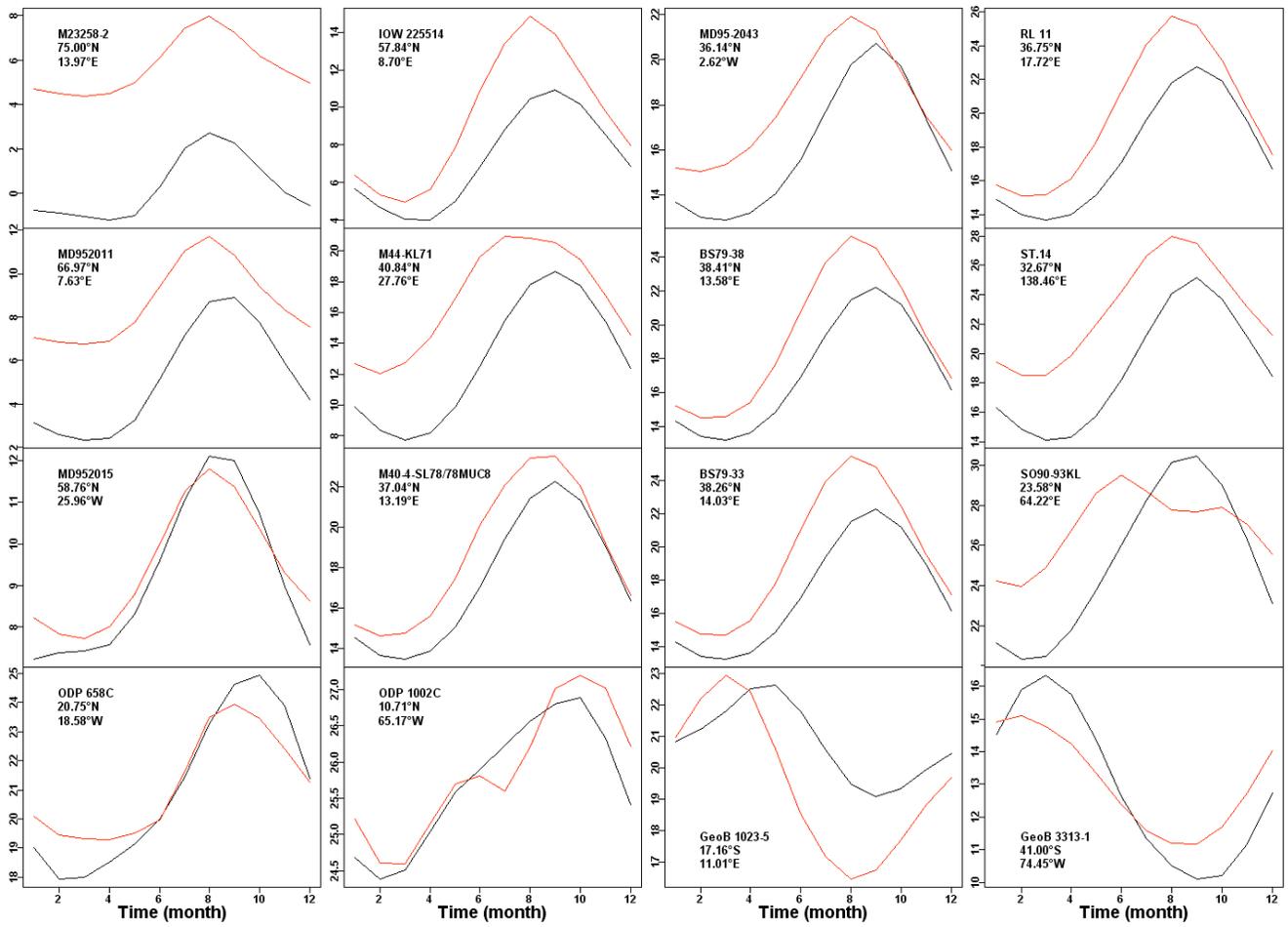


Fig. 11bR: As Fig. 11aR, continued (cf. Fig. 5bR).

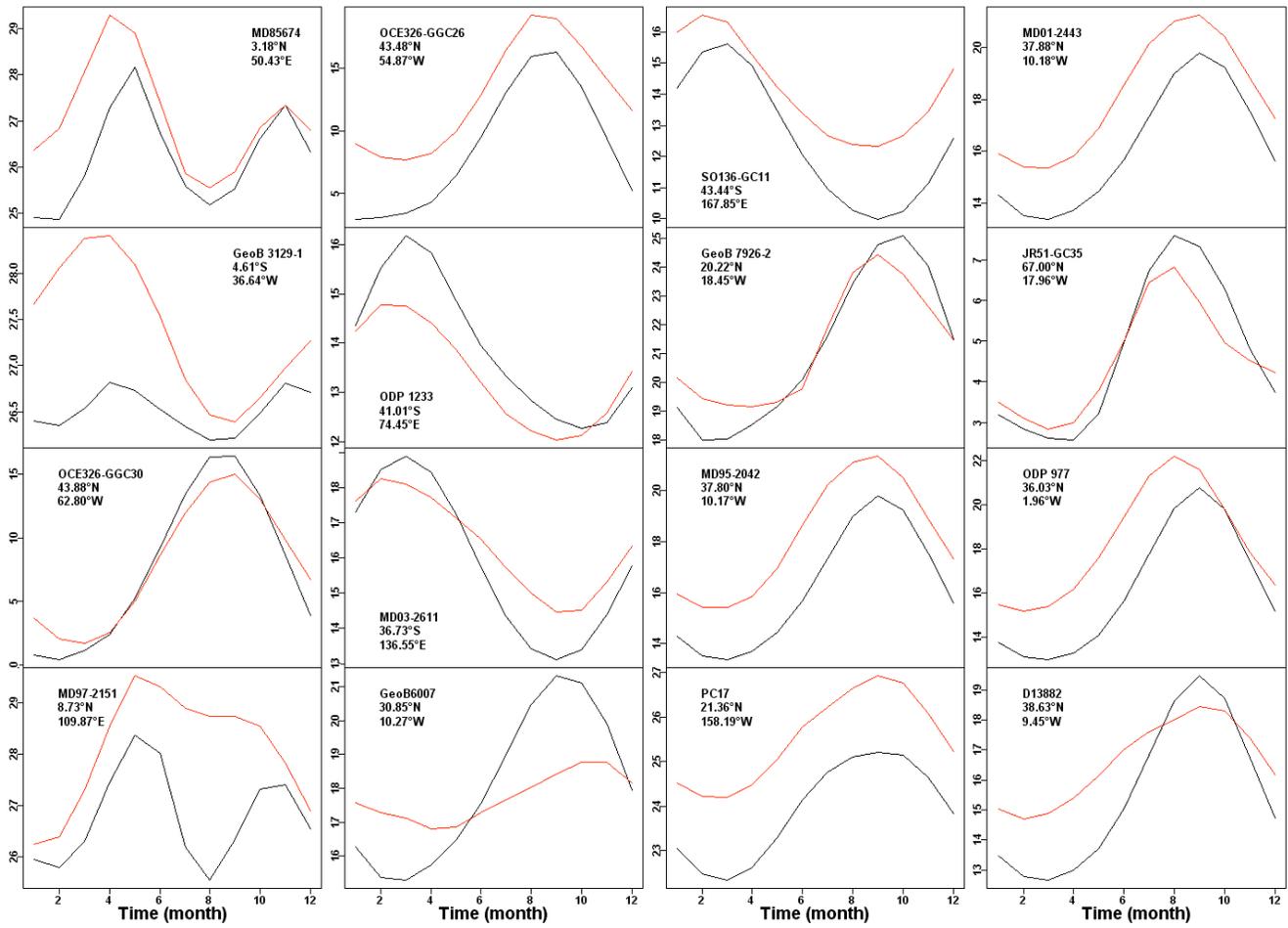


Fig. 11cR: As Fig. 11aR, continued (cf. Fig. 5cR).

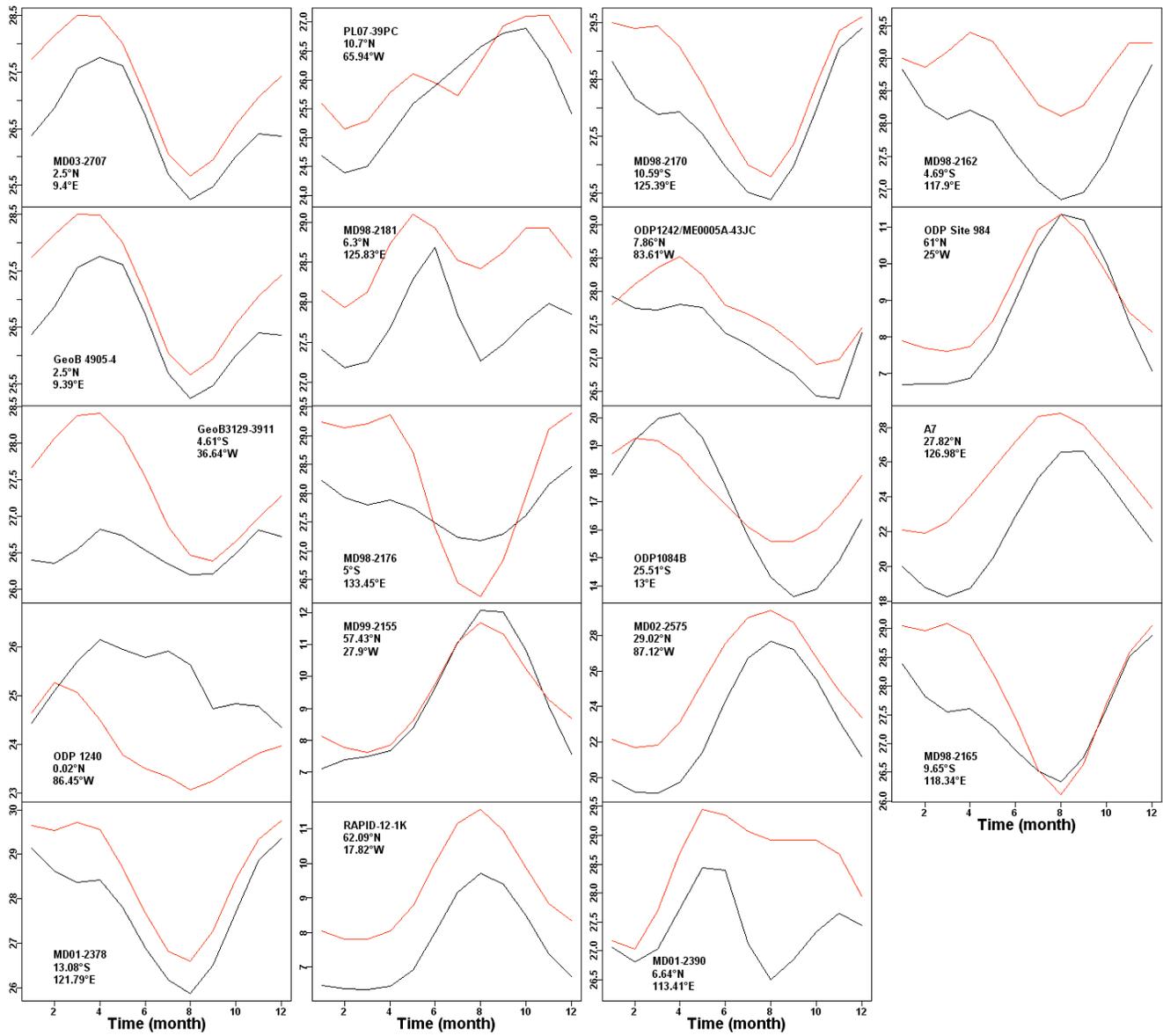


Fig. 12R: As Fig. 11R, but for the Mg/calcium locations (cf. Fig 6R).