Figure (a) shows the relationship between salinity and $^{18}O_w$ (‰ SMOW) for measured and reconstructed data. The reconstructed salinity based on Eq. (1Bis, 4Bis, 5Bis) is compared with measured salinity. The correlation coefficient ($R^2$) for the measured data is 0.82 with a standard deviation (SD) of 0.26. The reconstructed data has an $R^2$ of 0.33 and an SD of 2.49.

Figure (b) presents a scatter plot of measured salinity vs. reconstructed salinity. The reconstructed salinity is based on Eq. (6) and Eq. (1Bis, 4Bis, 5Bis).