

Dear Dr. Treude,

we corrected your comments.

We changed the title. It now reads ""Nitrate source identification in the Baltic Sea using isotopic nitrate ratios in combination with a Bayesian isotope mixing model".

"Comparable" were replaced by "similar".

"Significantly" was removed in both cases.

The comma was set.

The text to suppl. Table 1 and figure 1 was added.

Best regards,

Frederike Korth