Supplement to "Sediment release of dissolved organic matter to the oxygen minimum zone off Peru" by Loginova et al., 2019

Figure 1. DOC/DON ratio in the pore waters (lower panel) and in the BIGO chambers (upper panel). All values, measured at one station are presented as one box. The DOC/DON of $\sim Inf$. due to DON concentrations below detection were assumed as not a number and were excluded from the box plot.

Table 1. Calculated fluxes and gradients of DOC and optically active DOM components

Sampling system	Station /Parameter	$a_{CDOM}(325)^a$	$S_{275\text{-}295}^b$	Comp.1 $(\times 10^{-2})^c$	Comp.2^c	Comp.3^c	Comp.4^c
	St.1	-0.1±1.2	-0.016±0.017	2.99±0.15	0.04±0.05	-0.24±0.82	0.086±0.112
	St.2	0.06±0.16	-0.008±0.009	2.69±0.08	0.08±0.03	0.09±0.07	0.043±0.044
	St.3	-1.4±1.0	-0.013±0.009	2.72±0.04	0.07±0.02	0.05±0.23	0.046±0.024
BIGO	St.4	0.8±1.0	-0.004±0.006	0.13±0.02	0.04±0.05	-0.44±0.65	-0.005±0.039
	St.5	-0.5±1.3	-0.011±0.016	2.65±0.08	0.06±0.04	0.14±0.10	0.046±0.043
	St.6	-0.6±0.7	-0.009±0.005	2.83±0.10	0.08±0.04	0.01±0.44	0.039±0.112

(a) CDOM gradient in m^{-1}d^{-1}, (b) CDOM spectral slope gradient in nm^{-1}d^{-1}, (c) FDOM gradients in QSE d^{-1}.