Supplementary File
for

Temporal and Spatial Variation Patterns of Domoic Acid along Canada's Coast

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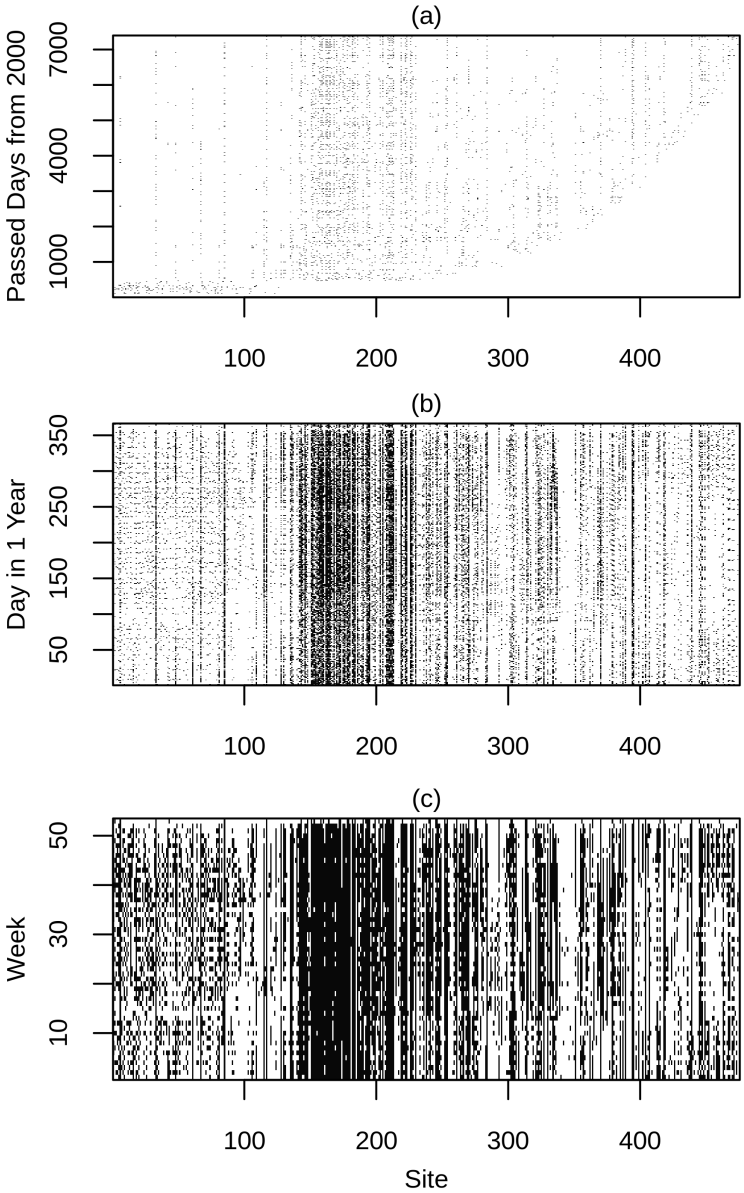

Figure S1: Availability of measurements among mussel samples from BC: over (a) the passed days after 1999, (b) the days in a year, or (c) the weeks in a year, the available measurements are indicated by the black color, while the white color indicates the missing ones.

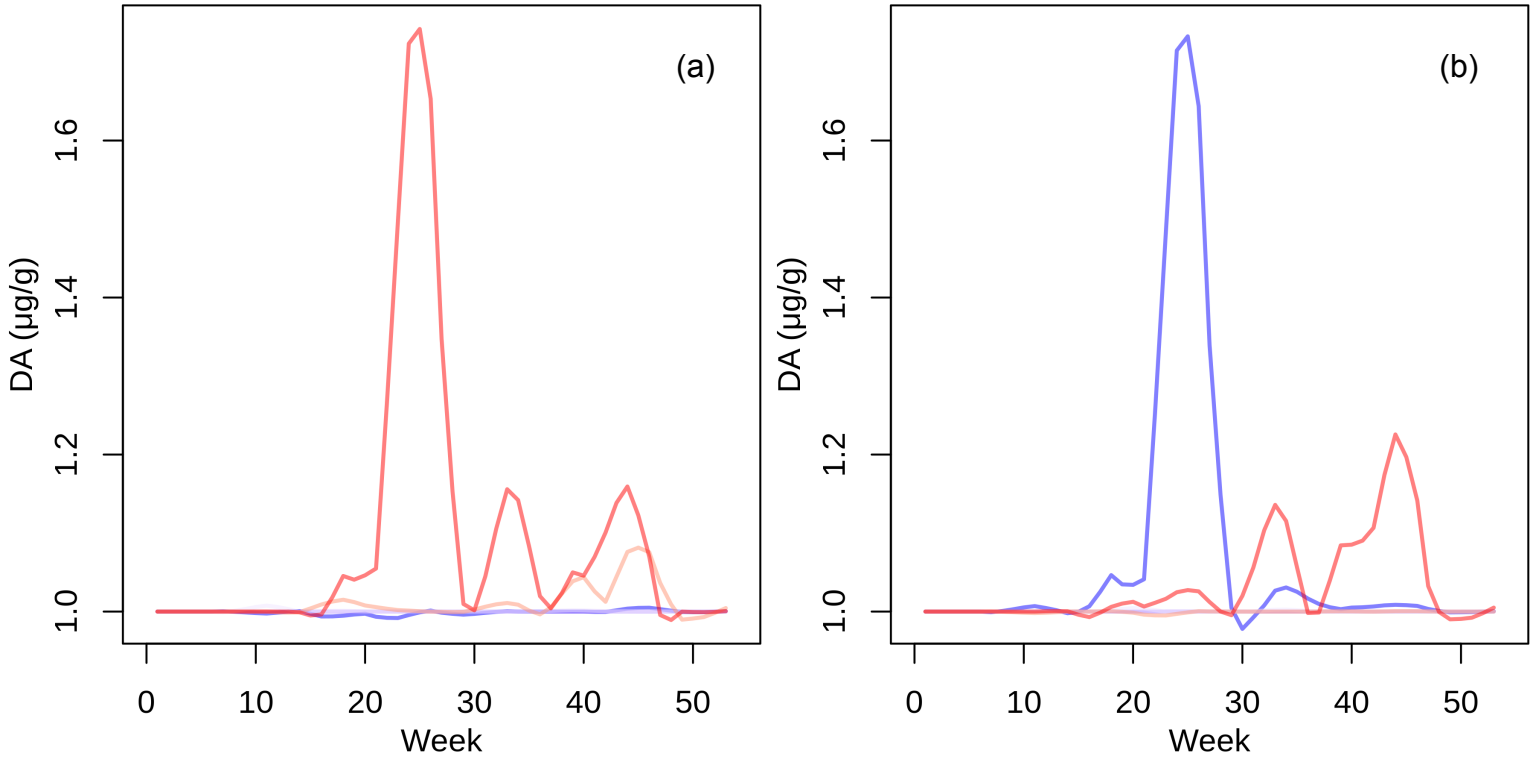

Figure S2: Mean of DA levels in blue mussel samples at sites in BC: according to the corresponding (a) FPC1 or (b) FPC2 scores, sites were sorted in increasing order and separated into 5 equal-sized bins based on the percentiles of their FPC scores as indicated by 5 sequential colors that were assigned to represent the relative magnitudes of the scores in the bins; the mean of the raw measurements at sites in each group were smoothed by the Loess() function in R with the span parameter set to 0.2.

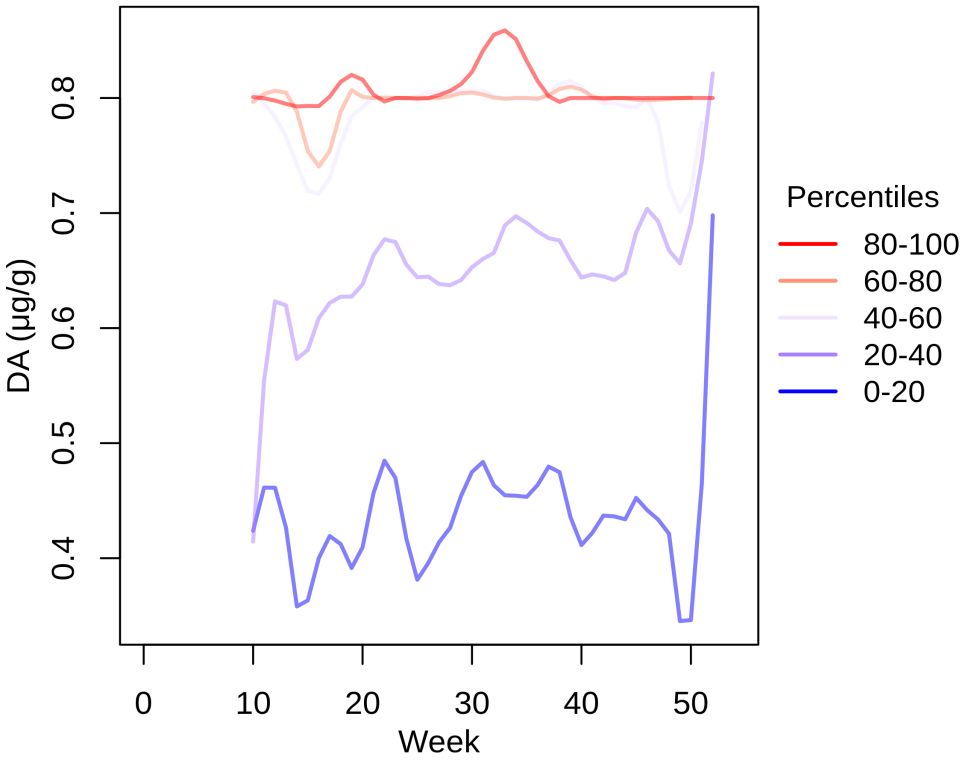

Figure S3: Mean of DA levels in soft-shell clam samples at sites in QC: according to the corresponding FPC1 scores, sites were sorted in increasing order and separated into 5 equal-sized bins based on the percentiles of their FPC1 scores as indicated by 5 seq-uential colors that were assigned to represent the relative magnitudes of the scores in the bins; the raw measurements at sites in each group were smoothed by the Loess() function in R with the span parameter set to 0.2.

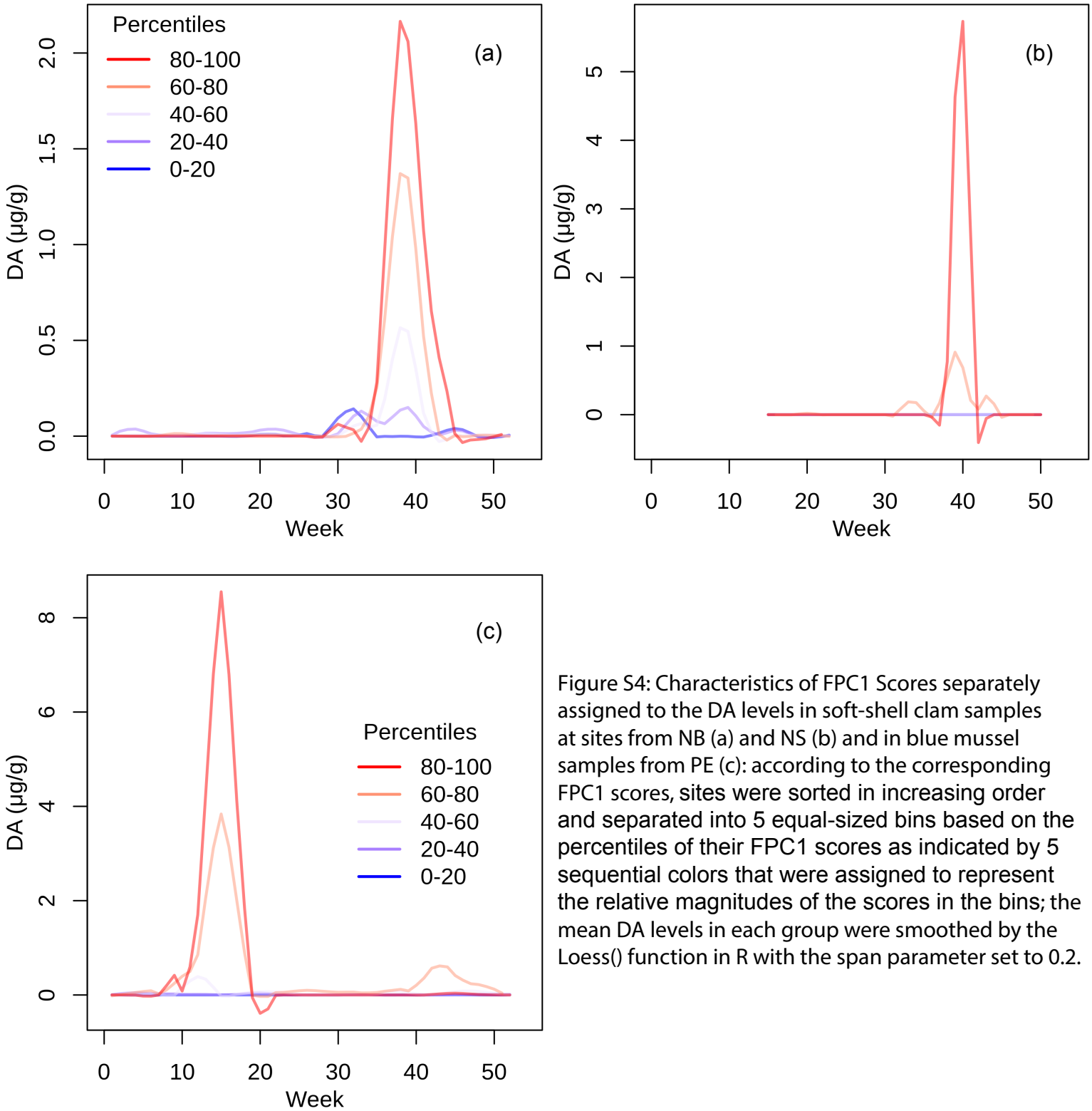

Figure S4: Characteristics of FPC1 Scores separately assigned to the DA levels in soft-shell clam samples at sites from NB (a) and NS (b) and in blue mussel samples from PE (c): according to the corresponding FPC1 scores, sites were sorted in increasing order and separated into 5 equal-sized bins based on the percentiles of their FPC1 scores as indicated by 5 sequential colors that were assigned to represent the relative magnitudes of the scores in the bins; the mean DA levels in each group were smoothed by the Loess() function in R with the span parameter set to 0.2.