Supplement to "OLIGOTREND, a global database of multi-decadal chlorophyll-a and water quality timeseries for rivers, lakes and estuaries"

Camille Minaudo[1,2], Andras Abonyi[3,4,5], Carles Alcaraz[6], Jacob Diamond[7], Nicholas J.K. Howden[8,9], Michael Rode[10,11], Estela Romero[12,1], Vincent Thieu[13], Fred Worrall[14], Qian Zhang[15], Xavier Benito[6,1]

[1]Departament de Biologia Evolutiva, Ecologia i Ciències Ambientals, Universitat de Barcelona (UB), Diagonal 643, 08028 Barcelona, Spain

[2]Institut de Recerca de la Biodiversitat (IRBio), Universitat de Barcelona (UB), Diagonal 643, 08028 Barcelona, Spain

[3]MTA-ÖK Lendület Fluvial Ecology Research Group, Karolina Street 29, H-1113 Budapest, Hungary

[4]HUN-REN Centre for Ecological Research, Institute of Aquatic Ecology, Karolina Street 29, H-1113 Budapest, Hungary

[5]WasserCluster Lunz – Biologische Station GmbH, Dr. Carl Kupelwieser Promenade 5, A-3293 Lunz am See, Austria

[6]Marine and Continental Waters Program, Institute of Agrifood Research and Technology (IRTA), 43540 La Ràpita, Catalonia, Spain

[7]Intergovernmental Hydrological Programme, UNESCO, Paris, France, 7 Place de Fontentoy 75015

[8]School of Civil, Aerospace and Design Engineering, University of Bristol, Bristol, BS8 1TR, UK

[9]Cabot Institute, University of Bristol, Bristol, BS5 9LT, UK

[10]Department of Aquatic Ecosystem Analysis and Management, Helmholtz Centre for Environmental Research - UFZ, Magdeburg 39104, Germany

[11]Institute of Environmental Science and Geography, University of Potsdam, Potsdam 14476, Germany

[12]Global Ecology Unit, Centre for Ecological Research and Forestry Applications (CREAF), Campus UAB, Bellaterra, Spain

[13]Sorbonne Université, CNRS, EPHE, UMR 7619 METIS, 4 place Jussieu, Box 105, 75005, Paris, France

[14]Department of Earth Sciences, University of Durham, Durham, UK

[15]University of Maryland Center for Environmental Science. U.S. Environmental Protection Agency Chesapeake Bay Program, 1750 Forest Drive, Suite 130, Annapolis, MD 21401, United States

Correspondence to: Camille Minaudo (camille.minaudo@ub.edu)

Table S1 - OLIGOTREND timeseries characteristics by basin

basin	n_total	n_estuary	n_lake	n_river	length_yrs	n_obs	n_years
seine	320	21	0	299	36 (16-43)	189 (72-316)	27 (16-42)
unitedstatesnorthatlanticcoast	266	153	71	42	33 (19-35)	399 (148-585)	34 (17-36)
mississippimissouri	231	0	231	0	31 (21-37)	110 (48-269)	20 (15-28)
francewestcoast	183	0	0	183	34 (18-42)	200 (78-384)	29 (17-41)
englandandwales	163	0	33	130	34 (19-45)	292 (175-619)	27 (19-40)
loire	138	2	1	135	30 (21-43)	248 (78-482)	29 (19-43)
atlanticoceanseaboard	111	0	111	0	21 (17-33)	77 (34-251)	19 (15-25)
stlawrence	92	0	92	0	27 (19-35)	128 (46-352)	20 (15-26)
gironde	74	1	0	73	40 (20-41)	207 (63-514)	35 (17-42)
denmarkgermanycoast	56	0	56	0	33 (21-42)	165 (33-481)	19 (15-31)
california	46	46	0	0	42 (18-46)	297 (109-592)	27 (18-47)
rhone	45	0	1	44	32 (26-33)	217 (42-364)	28 (16-34)
sweden	33	0	33	0	26 (20-53)	238 (108-345)	21 (16-41)
elbe	25	2	0	23	31 (22-38)	581 (145-8490)	30 (22-39)
newzealand	21	0	21	0	17 (16-17)	161 (33-373)	18 (14-18)
saskatchewannelson	19	0	19	0	29 (17-48)	90 (31-454)	16 (13-35)
francesouthcoast	13	0	0	13	33 (29-33)	294 (73-401)	29 (21-34)
columbiaandnorthwesternunitedstates	10	0	0	10	30 (21-31)	682 (512-1093)	26 (21-31)
japan	8	0	5	3	30 (15-39)	346 (139-504)	29 (15-40)
gulfofmexiconorthatlanticcoast	7	7	0	0	21 (16-30)	214 (189-343)	22 (17-31)
floridacoastaleverglades	6	6	0	0	20 (16-33)	211 (189-368)	21 (17-34)
rhine	5	0	3	2	16 (16-35)	406 (280-685)	17 (16-21)
scotland	4	0	1	3	38 (22-48)	361 (215-712)	33 (21-35)
mackenzie	3	0	3	0	34 (34-35)	133 (112-144)	20 (20-22)
mediterraneanseaislands	3	0	0	3	34 (23-35)	140 (34-303)	29 (17-35)
scandinavianorthcoast	3	0	3	0	35 (29-41)	441 (389-626)	35 (29-42)
danube	2	0	0	2	33 (33-33)	1100 (1010-1127)	33 (29-34)
murraydarling	2	0	0	2	34 (26-34)	782 (329-1685)	35 (25-35)
ebro	1	0	0	1	24 (15-24)	284 (133-323)	24 (16-25)
limpopo	1	0	1	0	20 (20-20)	2735 (2735-2735)	18 (18-18)
maas	1	0	0	1	16 (16-16)	700 (506-723)	17 (16-17)
northwestterritories	1	0	1	0	37 (36-37)	99 (84-146)	22 (21-22)
orange	1	0	1	0	19 (19-19)	180 (180-180)	17 (17-17)

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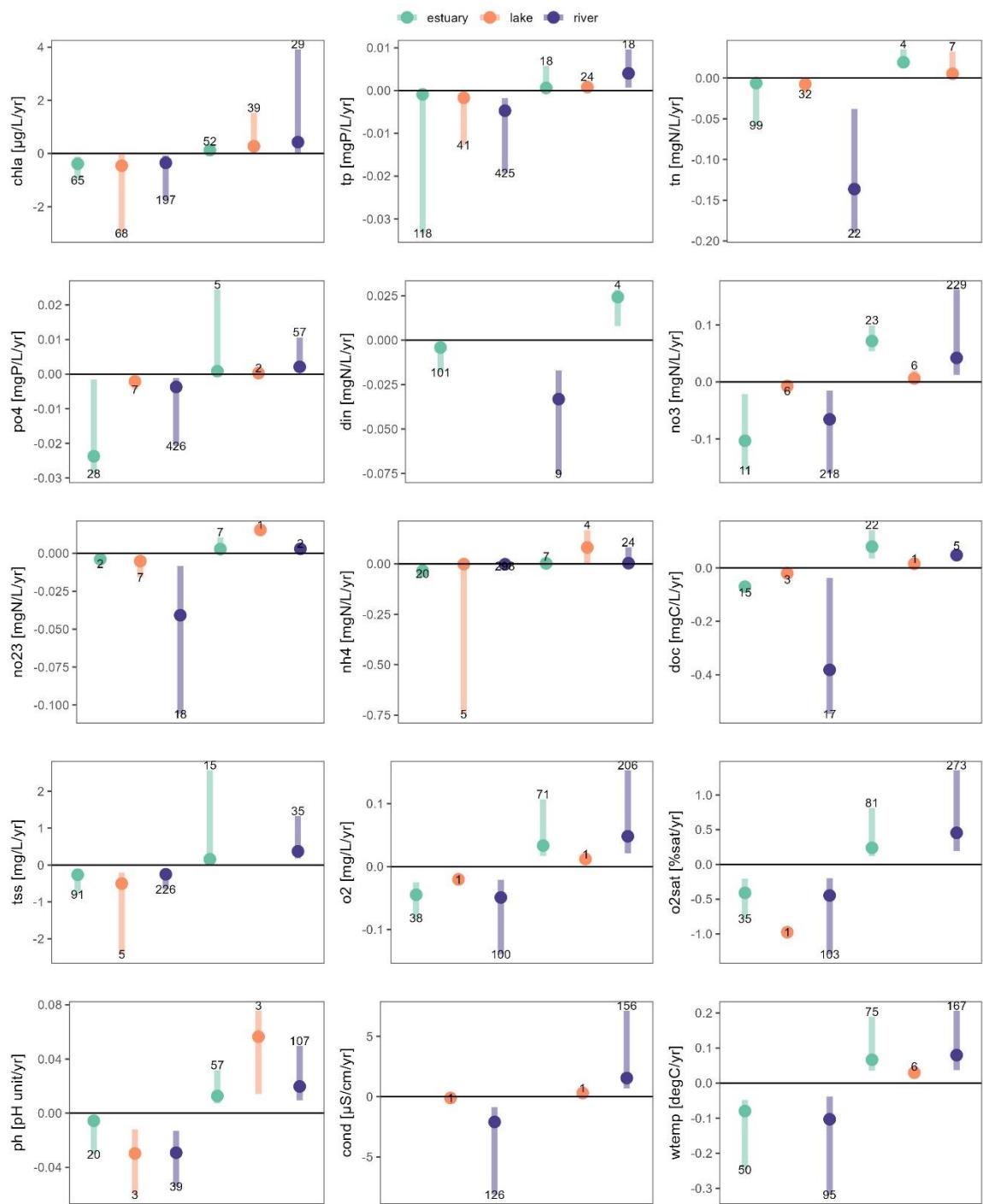
Figure S1. Overview of all Sen's slopes calculated for all timeseries in the OLIGOTREND database, whether they are showing a declining (negative values) or a rising trend (positive values). Medians by ecosystem type are indicated with a plain circle, 10th and

35   **90th percentiles correspond to the segment ends. The numbers of timeseries found for each variable, ecosystem and trend type are indicated at the bottom or the top of each segment.**