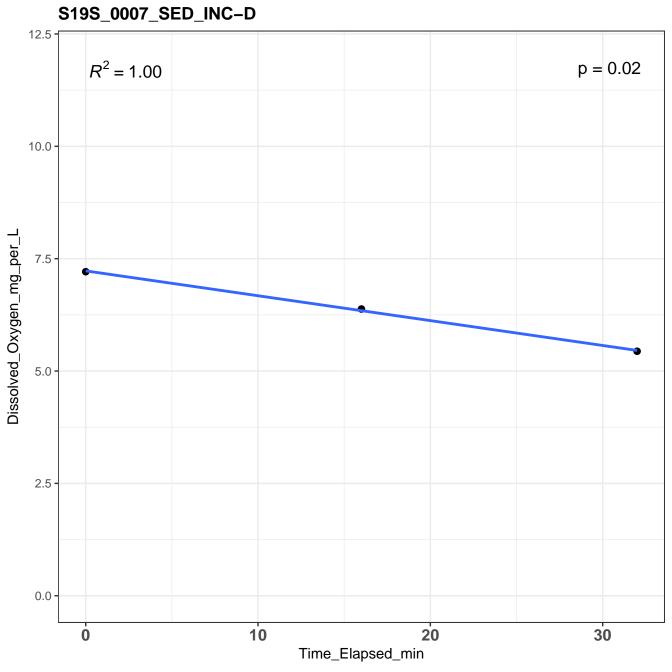
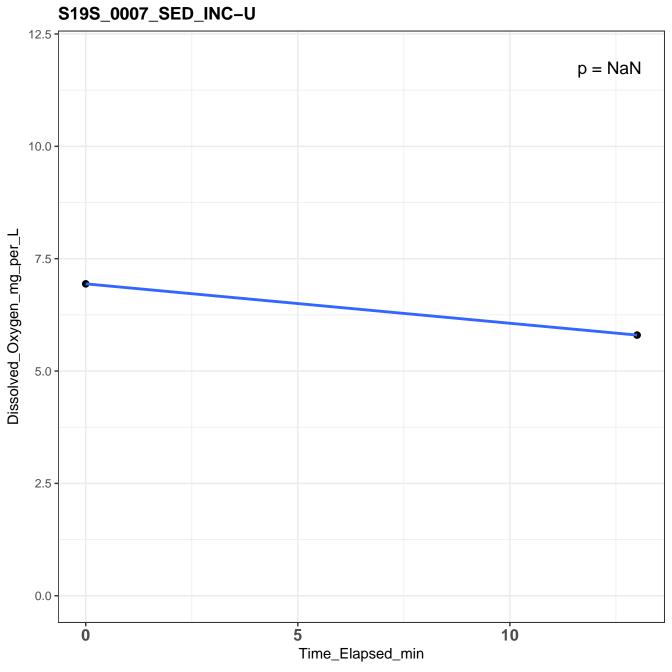
S19S\_0006\_SED\_INC-D 12.5 **-** $R^2 = 0.00$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 -0.025 0.000 0.025 -0.0500.05 Time\_Elapsed\_min

 ${\tt S19S\_0006\_SED\_INC-M}$ 12.5 **-** $R^2 = 0.75$ p = 0.0210.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 125 Ó 25 50 75 100 Time\_Elapsed\_min

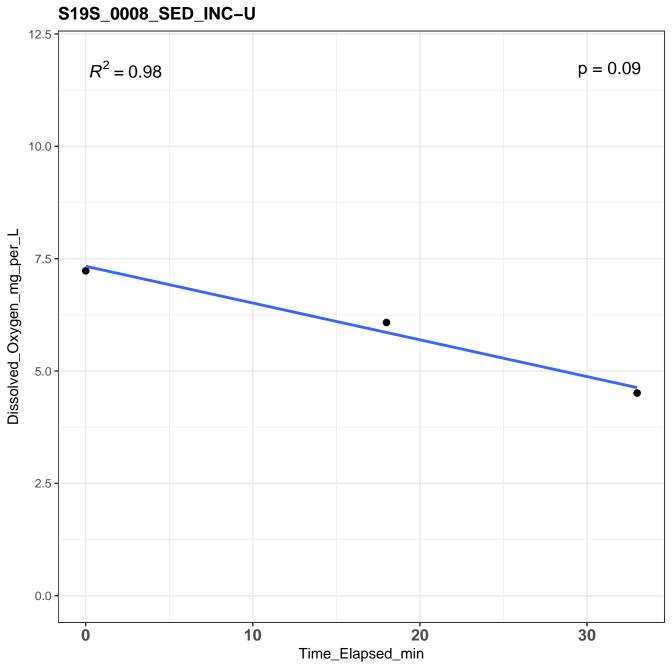
S19S\_0006\_SED\_INC-U 12.5 **-** $R^2 = 1.00$ p = 0.00410.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 **-**5.0 2.5 0.0 15 5 Ó 10 20 Time\_Elapsed\_min

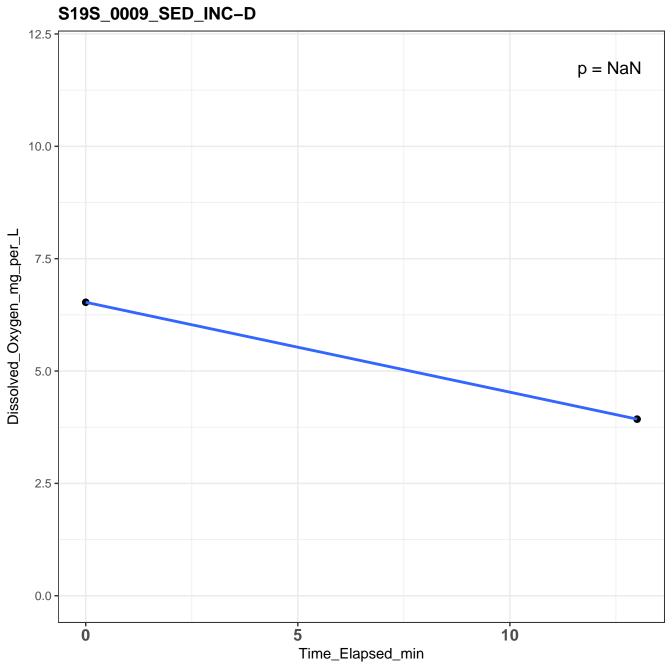




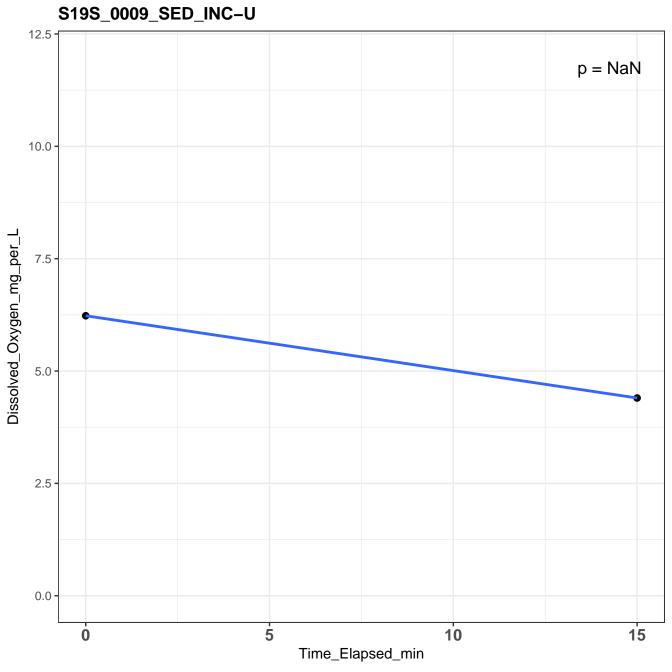
S19S\_0008\_SED\_INC-D 12.5 p = 2e - 04 $R^2 = 0.99$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 20 40 60 80 Time\_Elapsed\_min

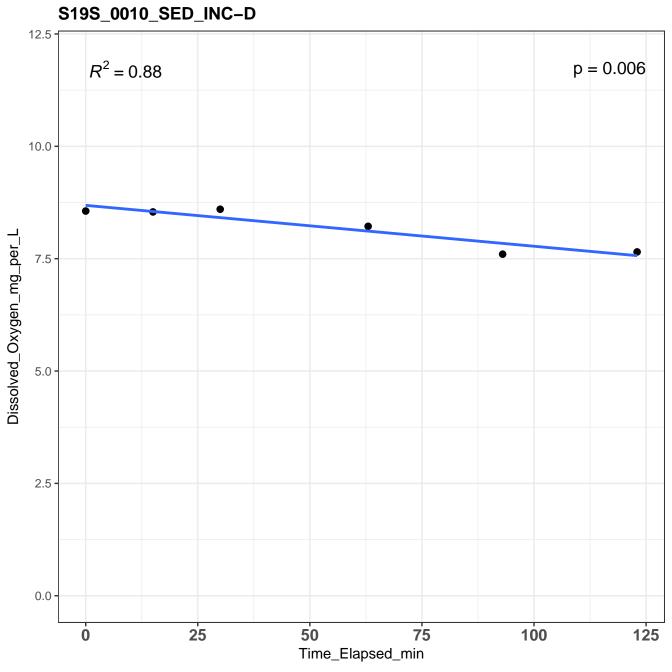
S19S\_0008\_SED\_INC-M 12.5 **-** $R^2 = 0.98$ p = 0.0110.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 10 20 30 40 50 Time\_Elapsed\_min



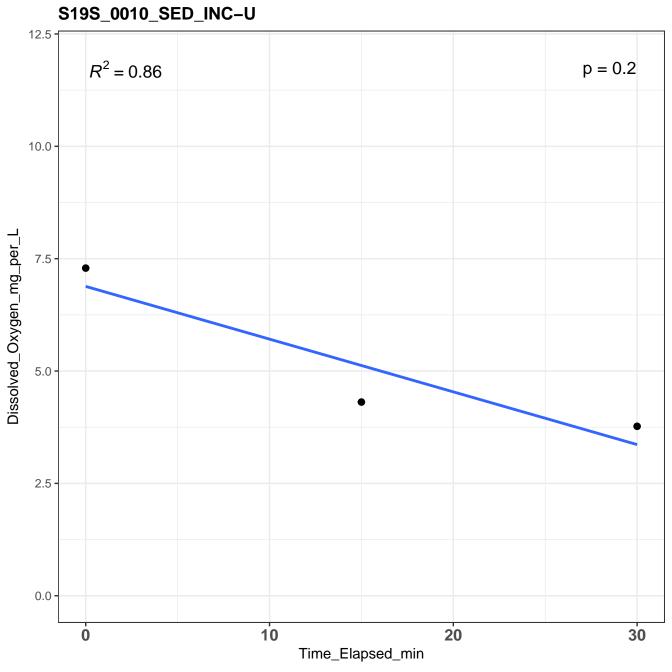


S19S\_0009\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 10 0 Time\_Elapsed\_min





S19S\_0010\_SED\_INC-M 12.5 **-** $R^2 = 1.00$ p = 5e-0710.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 125 Ó 25 50 75 100 Time\_Elapsed\_min



S19S\_0011\_SED\_INC-D 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 3 2 0 Time\_Elapsed\_min

S19S\_0011\_SED\_INC-M 12.5 **-** $R^2 = 0.00$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 0.025 -0.025 0.000 -0.0500.05 Time\_Elapsed\_min

S19S\_0011\_SED\_INC-U 12.5 **-** $R^2 = 1.00$ p = 6e - 0410.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 5 Ó 10 15 20 Time\_Elapsed\_min

S19S\_0012\_SED\_INC-D 12.5 **-** $R^2 = 0.62$ p = 0.0610.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 25 75 Ó 50 100 Time\_Elapsed\_min

S19S\_0012\_SED\_INC-M 12.5 **-** $R^2 = 0.99$ p = 1e-0610.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 25 50 75 100 Time\_Elapsed\_min

S19S\_0012\_SED\_INC-U 12.5 **-** $R^2 = 0.99$ p = 1e-0510.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 30 60 90 Time\_Elapsed\_min

S19S\_0013\_SED\_INC-D 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 0.0 0.5 1.0 1.5 2.0 Time\_Elapsed\_min

S19S\_0013\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 1.00 0.00 0.25 0.50 0.75

Time\_Elapsed\_min

S19S\_0013\_SED\_INC-U 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 1.00 0.00 0.25 0.50 0.75 Time\_Elapsed\_min

S19S\_0014\_SED\_INC-D 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 0.5 1.5 2.0

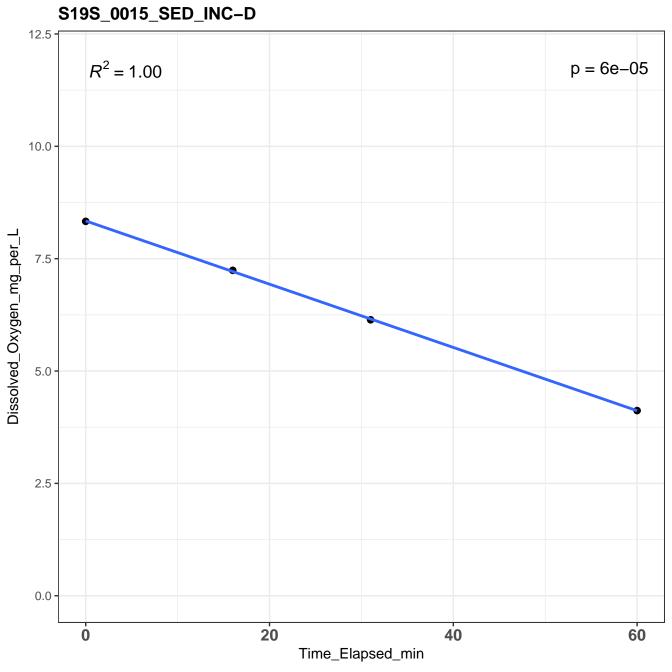
1.0

Time\_Elapsed\_min

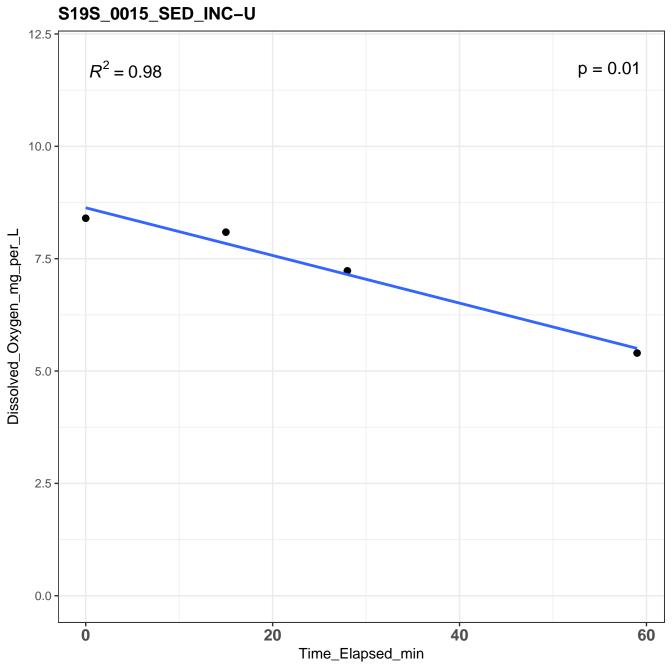
0.0

S19S\_0014\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 1.00 0.00 0.25 0.50 0.75 Time\_Elapsed\_min

S19S\_0014\_SED\_INC-U 12.5 **-** $R^2 = 1.00$ p = 0.0210.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 5 10 15 20 0 Time\_Elapsed\_min

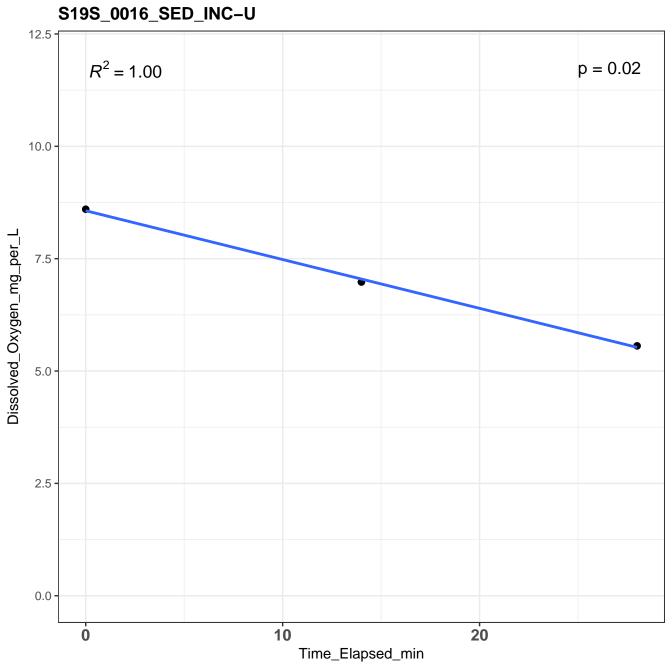


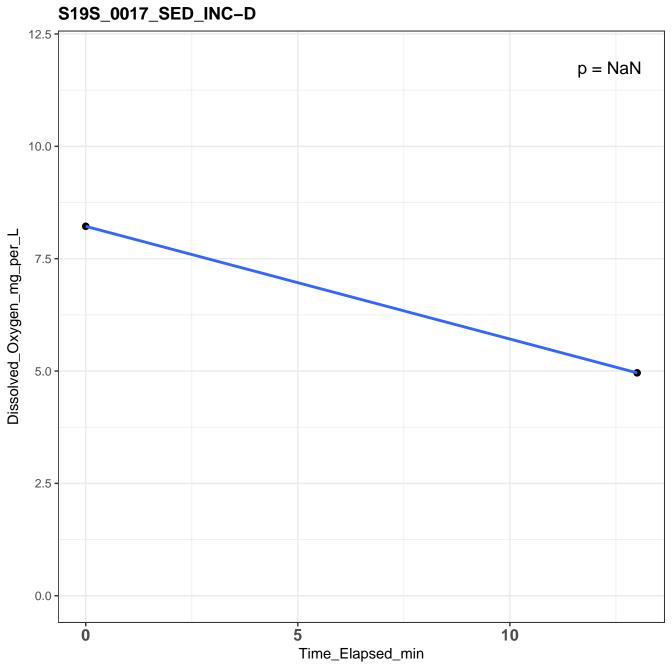
S19S\_0015\_SED\_INC-M 12.5 **-** $R^2 = 0.56$ p = 0.0910.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 30 60 90 120 Time\_Elapsed\_min



S19S\_0016\_SED\_INC-D 12.5 **-** $R^2 = 0.98$ p = 0.00110.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 20 40 60 80 0 Time\_Elapsed\_min

S19S\_0016\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 1.00 0.00 0.25 0.50 0.75 Time\_Elapsed\_min





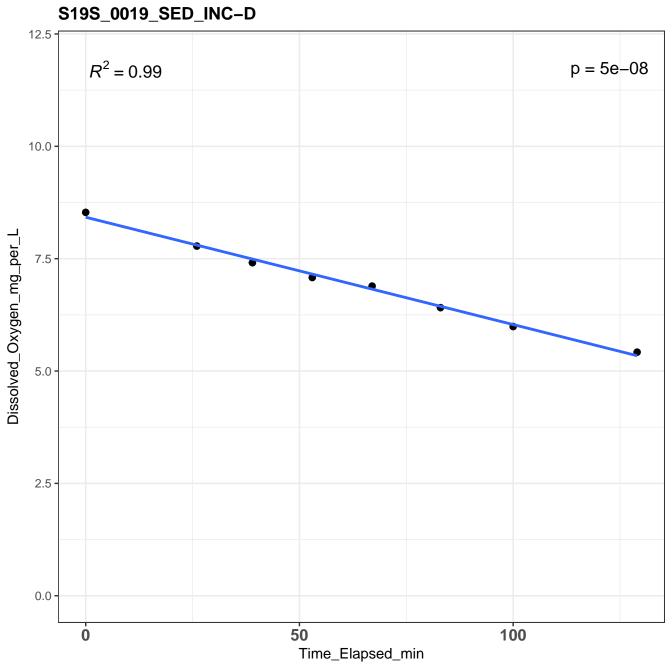
**\$19\$\_0017\_\$ED\_INC-M** 12.5 p = 6e - 05 $R^2 = 0.99$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 25 50 75 100 Time\_Elapsed\_min

S19S\_0017\_SED\_INC-U 12.5 **-** $R^2 = 0.99$ p = 0.00610.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 10 20 30 Time\_Elapsed\_min

S19S\_0018\_SED\_INC-D 12.5 **-** $R^2 = 0.36$ p = 0.0910.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 30 60 90 120 0 Time\_Elapsed\_min

S19S\_0018\_SED\_INC-M 12.5 p = 9e-04 $R^2 = 0.95$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 25 50 75 100 125 Time\_Elapsed\_min

S19S\_0018\_SED\_INC-U 12.5 **-** $R^2 = 1.00$ p = 0.00210.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 **-**5.0 2.5 0.0 Ó 20 40 60 Time\_Elapsed\_min



S19S\_0019\_SED\_INC-M 12.5 **-** $R^2 = 0.96$ p = 0.110.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 **-**5.0 2.5 0.0 Ó 10 20 30 Time\_Elapsed\_min

S19S\_0019\_SED\_INC-U 12.5 **-** $R^2 = 0.96$ p = 0.0210.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 10 20 30 40 Time\_Elapsed\_min

S19S\_0020\_SED\_INC-D 12.5 **-** $R^2 = 0.93$ p = 0.00210.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 30 60 90 Time\_Elapsed\_min

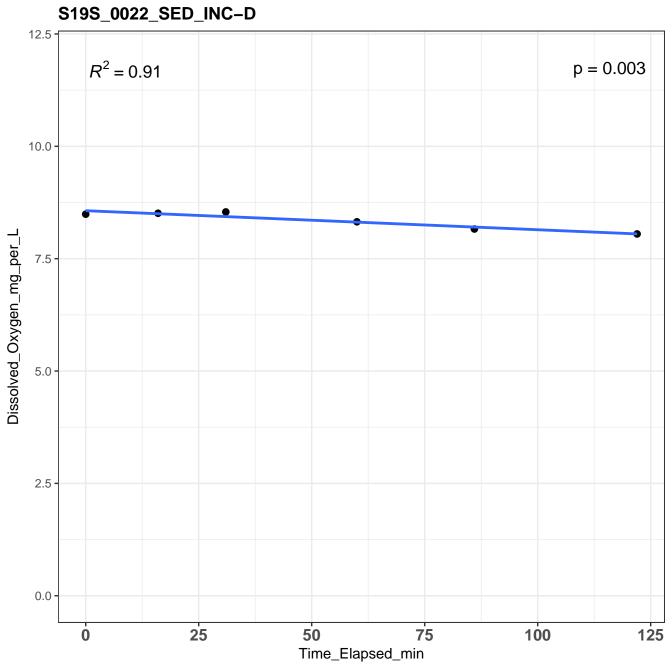
S19S\_0020\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 1.00 0.00 0.25 0.50 0.75 Time\_Elapsed\_min

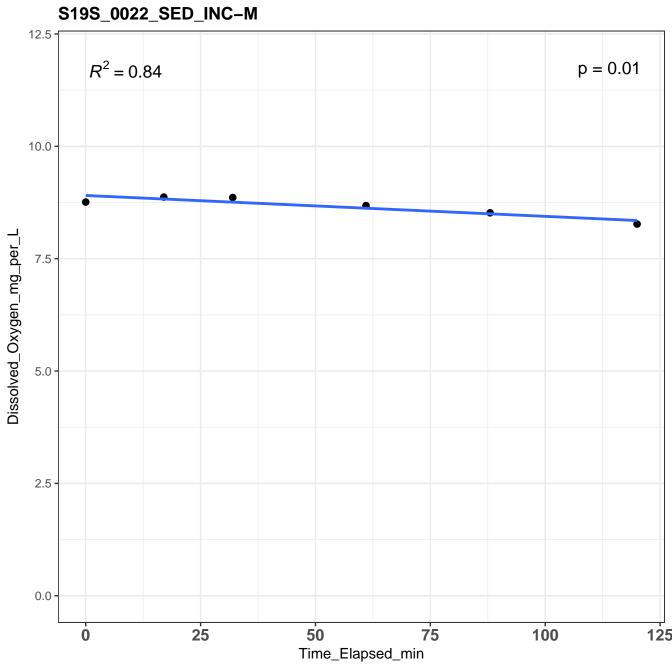
S19S\_0020\_SED\_INC-U 12.5 **-** $R^2 = 0.98$ p = 0.00910.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 10 20 30 40 Time\_Elapsed\_min

S19S\_0021\_SED\_INC-D 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 1.00 0.00 0.25 0.50 0.75 Time\_Elapsed\_min

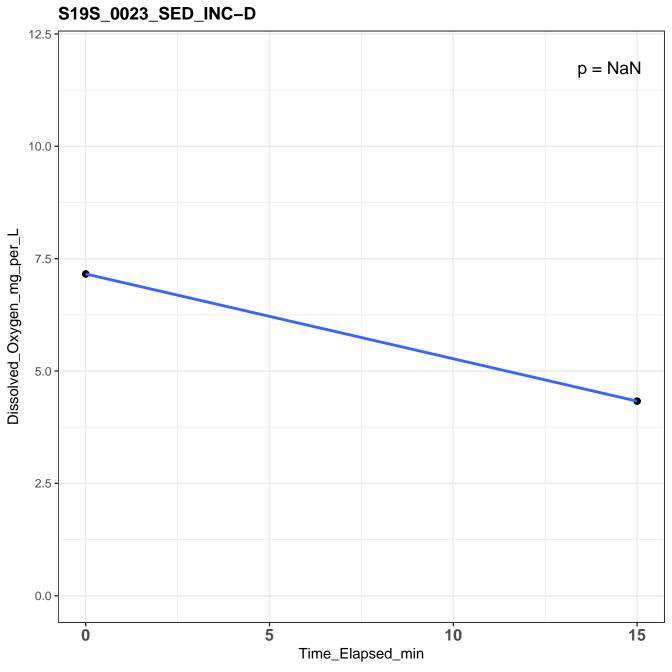
S19S\_0021\_SED\_INC-M 12.5 p = NaN 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 5 Ó 10 15 20 Time\_Elapsed\_min

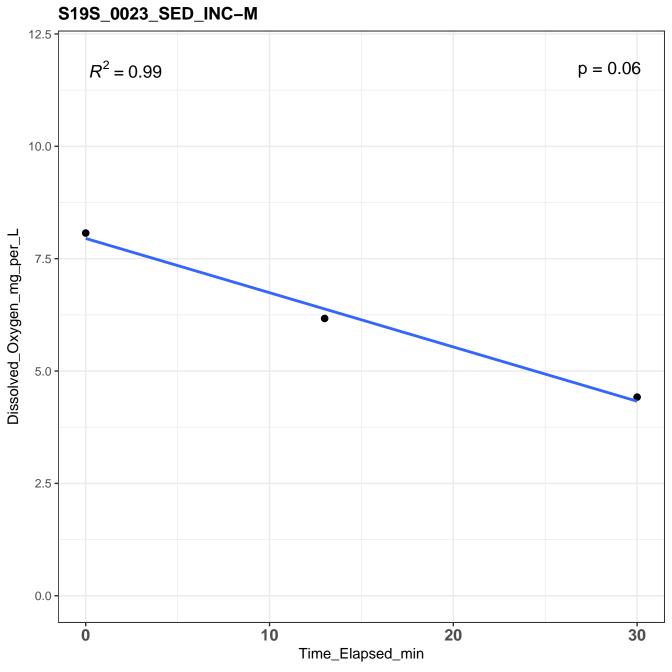
S19S\_0021\_SED\_INC-U 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 2.5 10.0 0.0 5.0 7.5 Time\_Elapsed\_min

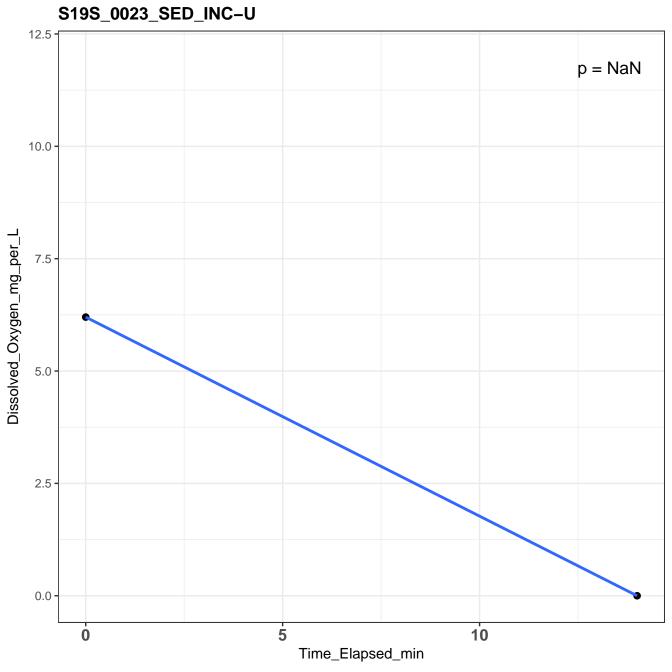




S19S\_0022\_SED\_INC-U 12.5 **-** $R^2 = 0.27$ p = 0.210.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 50 150 Ó 100 Time\_Elapsed\_min





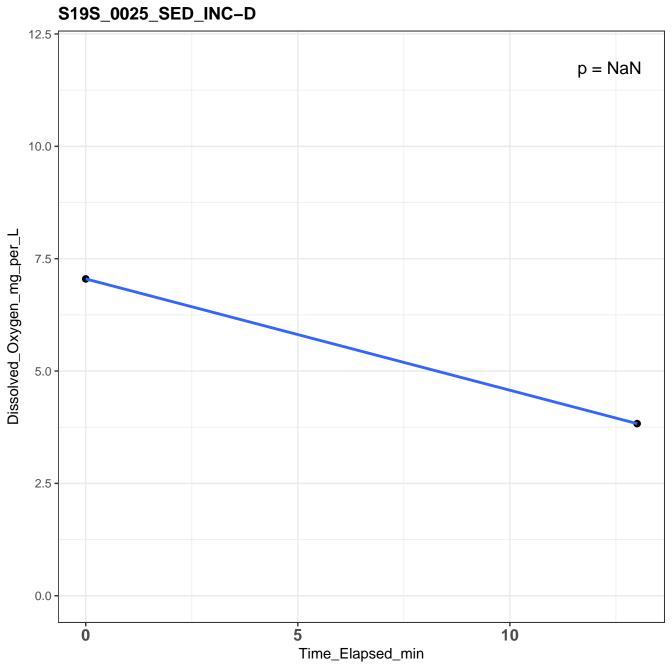


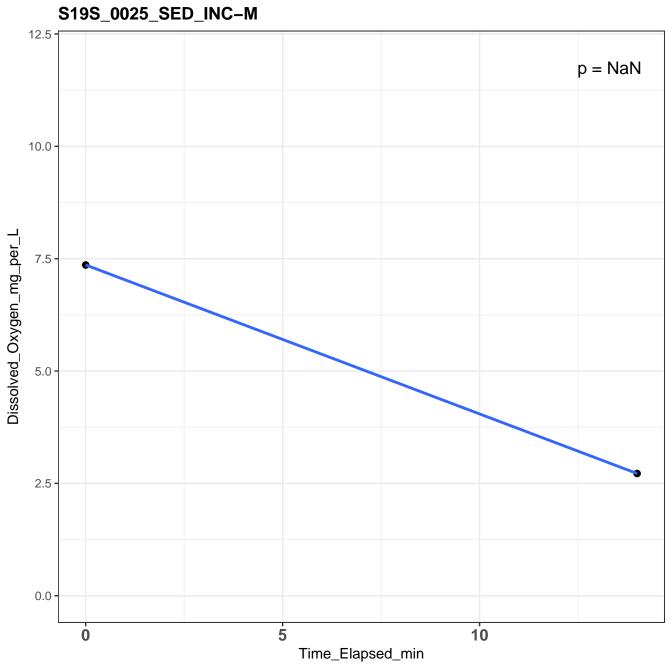
S19S\_0024\_SED\_INC-D 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 1.00 0.00 0.25 0.50 0.75 Time\_Elapsed\_min

S19S\_0024\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 0.5 0.0 1.0 1.5 2.0

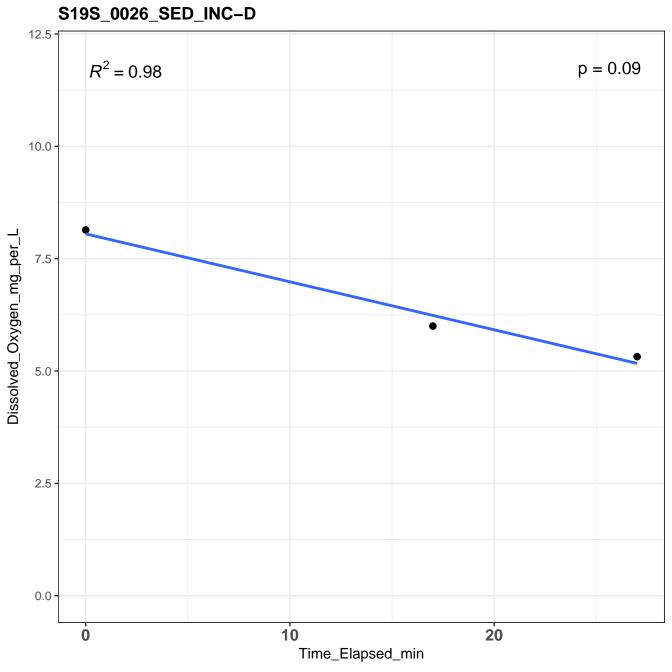
Time\_Elapsed\_min

S19S\_0024\_SED\_INC-U 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 1.00 0.00 0.25 0.50 0.75 Time\_Elapsed\_min





S19S\_0025\_SED\_INC-U 12.5 **-** $R^2 = 0.98$ p = 0.0810.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 5 25 Ó 10 15 20 Time\_Elapsed\_min



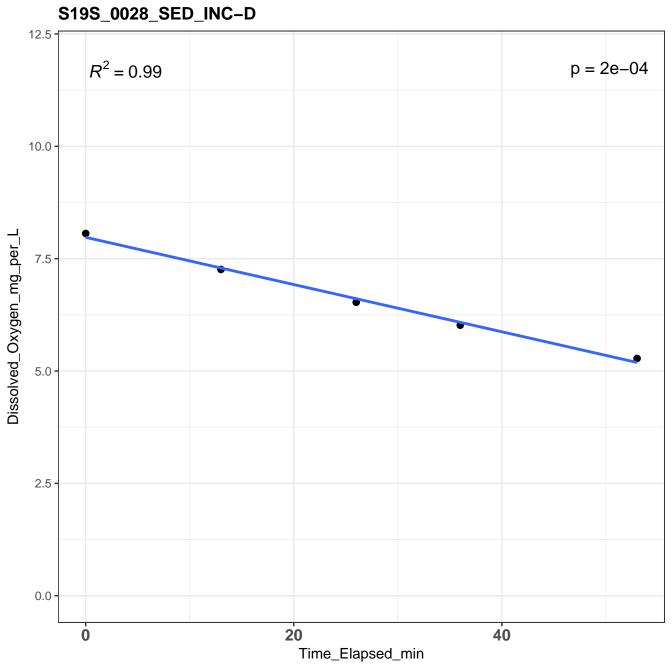
S19S\_0026\_SED\_INC-M 12.5 **-** $R^2 = 0.90$ p = 0.00410.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 30 60 90 Time\_Elapsed\_min

S19S\_0026\_SED\_INC-U 12.5 **-** $R^2 = 0.72$ p = 0.0310.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 20 40 60 80 Time\_Elapsed\_min

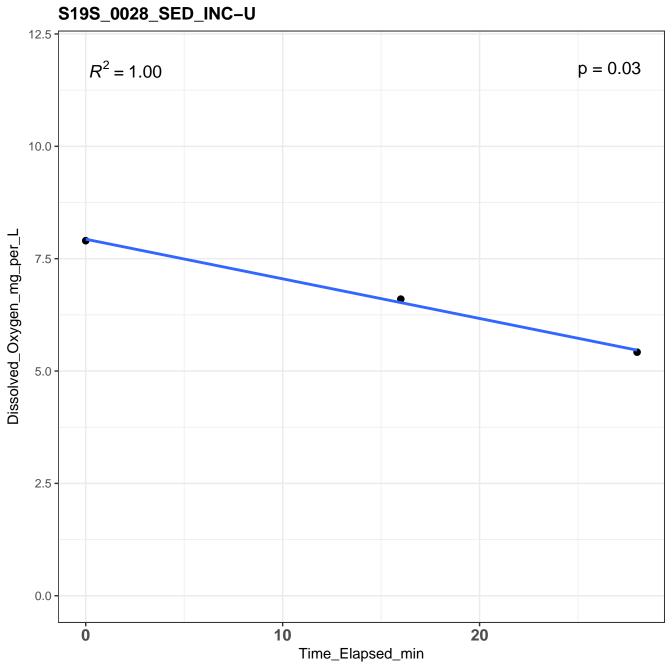
S19S\_0027\_SED\_INC-D 12.5 **-** $R^2 = 0.81$ p = 0.00610.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 30 60 90 Time\_Elapsed\_min

**\$19\$\_0027\_\$ED\_INC-M** 12.5 p = 2e - 05 $R^2 = 0.99$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 30 60 90 Time\_Elapsed\_min

S19S\_0027\_SED\_INC-U 12.5 **-** $R^2 = 0.98$ p = 1e-0410.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 20 40 60 80 Time\_Elapsed\_min



S19S\_0028\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 5 Ó 10 15 Time\_Elapsed\_min



S19S\_0029\_SED\_INC-D 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 -2.5 0.0 3 Ó 2 Time\_Elapsed\_min

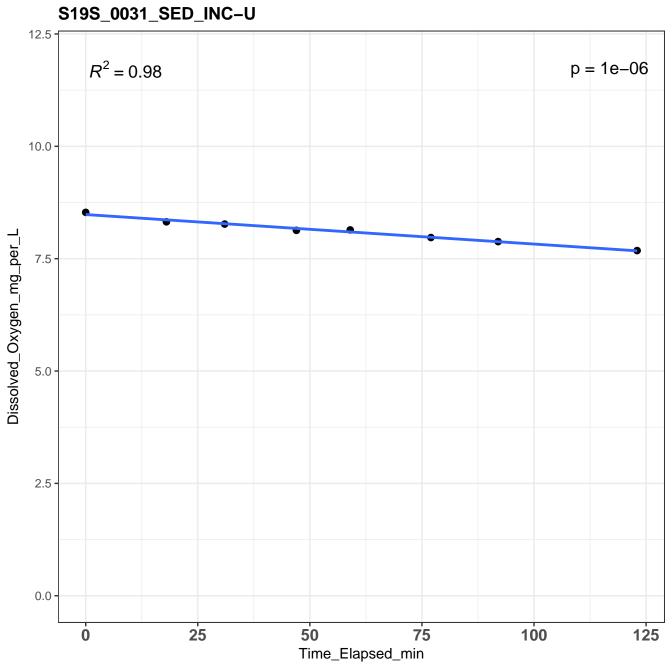
S19S\_0029\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó Time\_Elapsed\_min

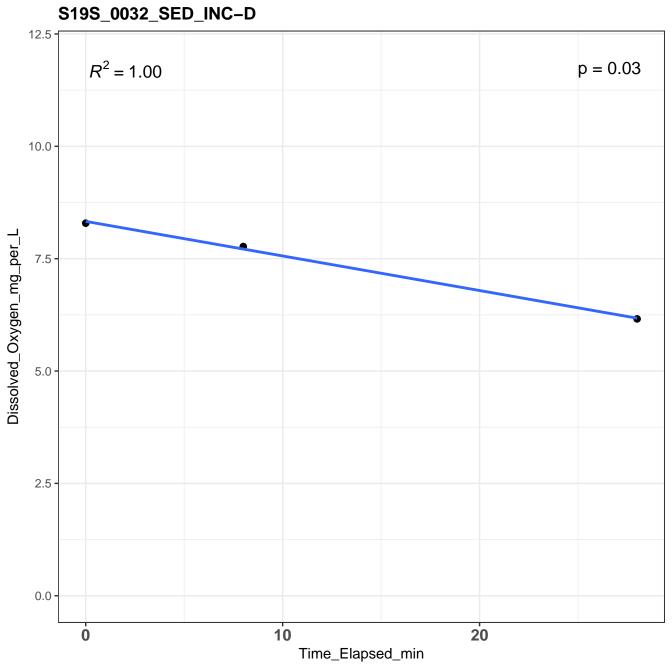
S19S\_0029\_SED\_INC-U 12.5 **-** $R^2 = 1.00$ p = 5e - 0410.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 10 20 30 40 Time\_Elapsed\_min

S19S\_0030\_SED\_INC-U 12.5 **-** $R^2 = 0.95$ p = 0.110.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 10 Ó 20 30 Time\_Elapsed\_min

S19S\_0031\_SED\_INC-D 12.5 p = 3e - 05 $R^2 = 0.99$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 25 Ó 50 75 100 Time\_Elapsed\_min

S19S\_0031\_SED\_INC-M 12.5 p = 2e - 04 $R^2 = 0.98$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 30 60 90 Time\_Elapsed\_min



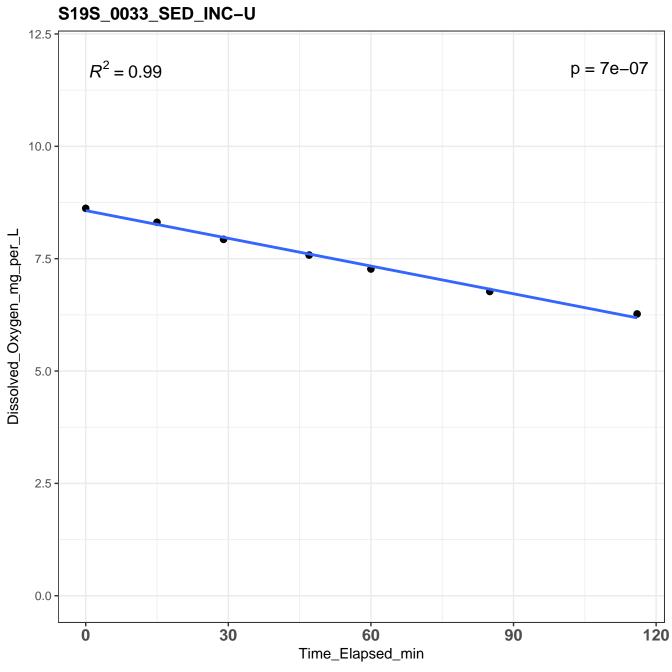


S19S\_0032\_SED\_INC-M 12.5 p = 2e - 06 $R^2 = 0.99$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 30 Ó 60 90 Time\_Elapsed\_min

S19S\_0032\_SED\_INC-U 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 0.0 2.5 5.0 7.5 10.0 Time\_Elapsed\_min

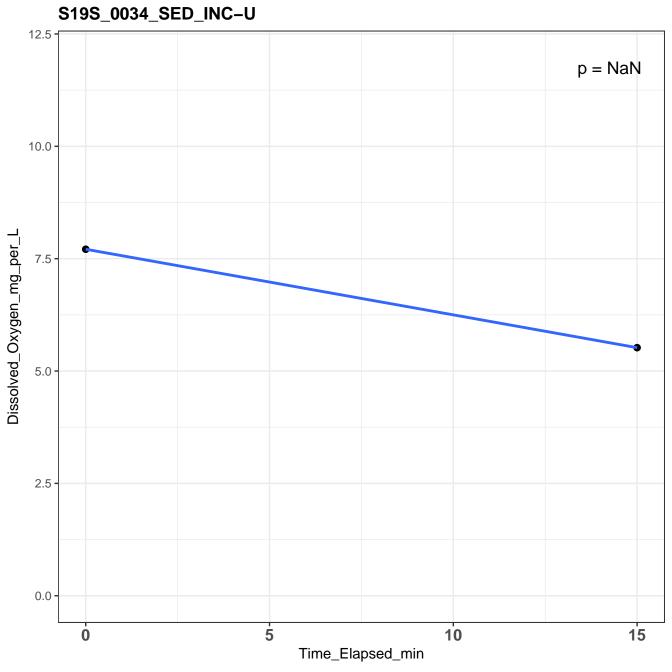
S19S\_0033\_SED\_INC-D 12.5 p = 7e - 05 $R^2 = 0.99$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 30 Ó 60 90 Time\_Elapsed\_min

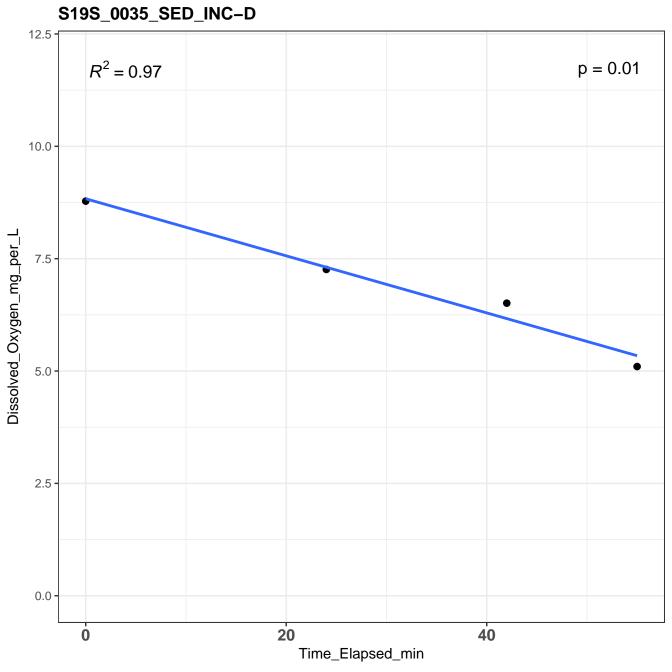
S19S\_0033\_SED\_INC-M 12.5 **-** $R^2 = 0.98$ p = 1e-0410.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 30 60 90 Time\_Elapsed\_min



S19S\_0034\_SED\_INC-D 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó Time\_Elapsed\_min

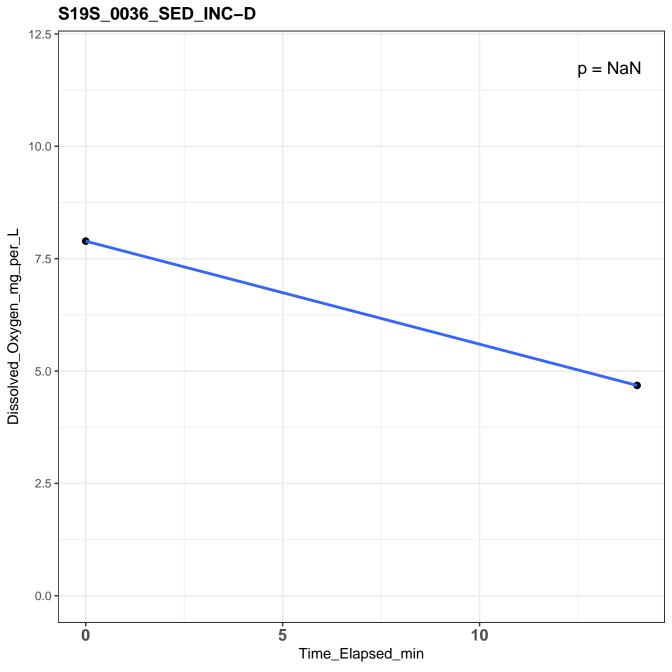
S19S\_0034\_SED\_INC-M 12.5 **-** $R^2 = 1.00$ p = 4e - 0510.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 20 Ó 40 60 Time\_Elapsed\_min



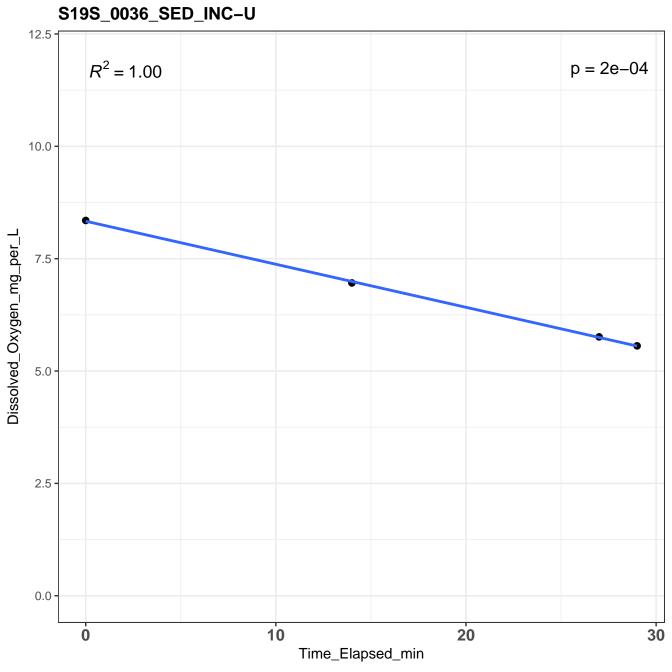


S19S\_0035\_SED\_INC-M 12.5 **-** $R^2 = 0.98$ p = 0.00210.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 20 40 Time\_Elapsed\_min

S19S\_0035\_SED\_INC-U 12.5 **-** $R^2 = 0.96$ p = 0.110.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 10 20 30 40 Time\_Elapsed\_min



S19S\_0036\_SED\_INC-M 12.5 p = 5e-06 $R^2 = 0.99$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 30 60 90 Time\_Elapsed\_min



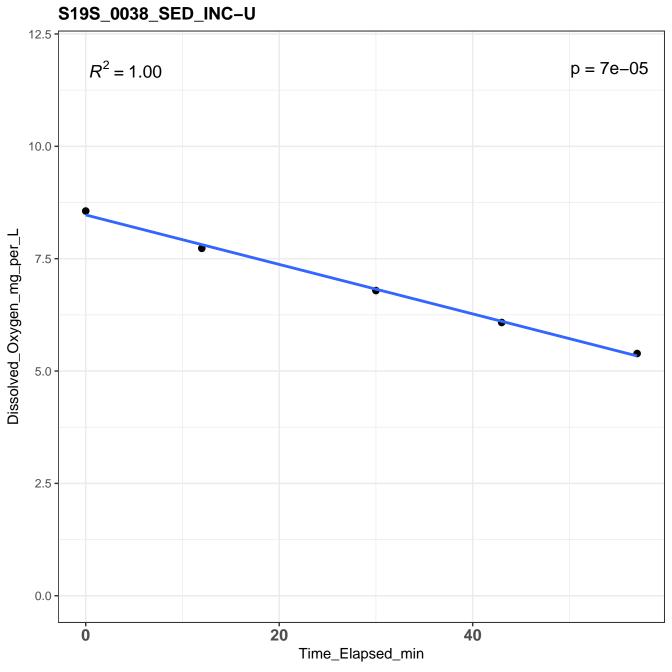
S19S\_0037\_SED\_INC-D 12.5 **-** $R^2 = 0.98$ p = 0.00110.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 20 40 60 Time\_Elapsed\_min

S19S\_0037\_SED\_INC-M 12.5 **-** $R^2 = 0.99$ p = 0.00510.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 10 20 30 40 Time\_Elapsed\_min

S19S\_0037\_SED\_INC-U 12.5 **-** $R^2 = 0.97$ p = 0.0110.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 10 20 30 Time\_Elapsed\_min

S19S\_0038\_SED\_INC-D 12.5 p = 7e - 04 $R^2 = 0.99$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 20 40 60 Time\_Elapsed\_min

S19S\_0038\_SED\_INC-M 12.5 p = 5e-06 $R^2 = 0.99$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 30 60 90 Time\_Elapsed\_min



S19S\_0039\_SED\_INC-D 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 3 Ó 2 Time\_Elapsed\_min

S19S\_0039\_SED\_INC-M 12.5 **-** $R^2 = 0.98$ p = 0.00810.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 10 20 30 40 Time\_Elapsed\_min

S19S\_0039\_SED\_INC-U 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 2 0 Time\_Elapsed\_min

S19S\_0040\_SED\_INC-D 12.5 **-** $R^2 = 1.00$ p = 0.0110.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 5 Ó 10 15 20 Time\_Elapsed\_min

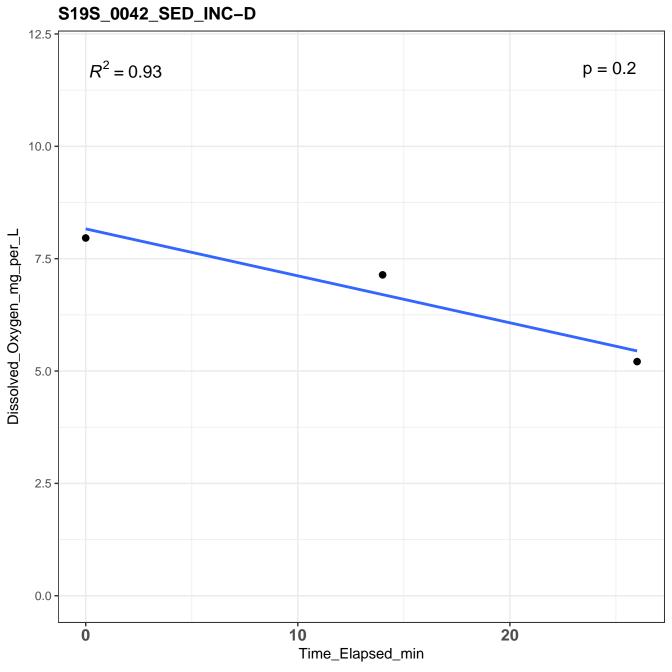
S19S\_0040\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 **-**5.0 2.5 0.0 5 Ó 10 15 Time\_Elapsed\_min

S19S\_0040\_SED\_INC-U 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 1.00 0.00 0.25 0.50 0.75 Time\_Elapsed\_min

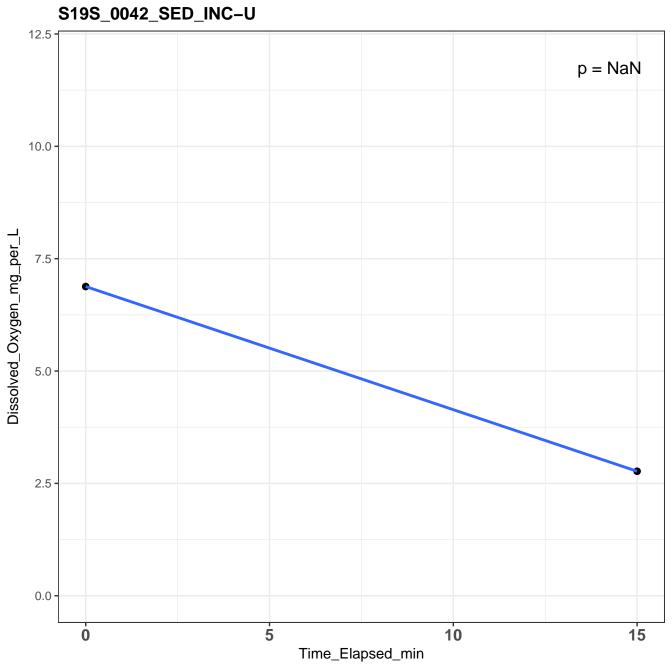
S19S\_0041\_SED\_INC-D 12.5 p = 7e - 08 $R^2 = 0.99$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 30 60 90 Time\_Elapsed\_min

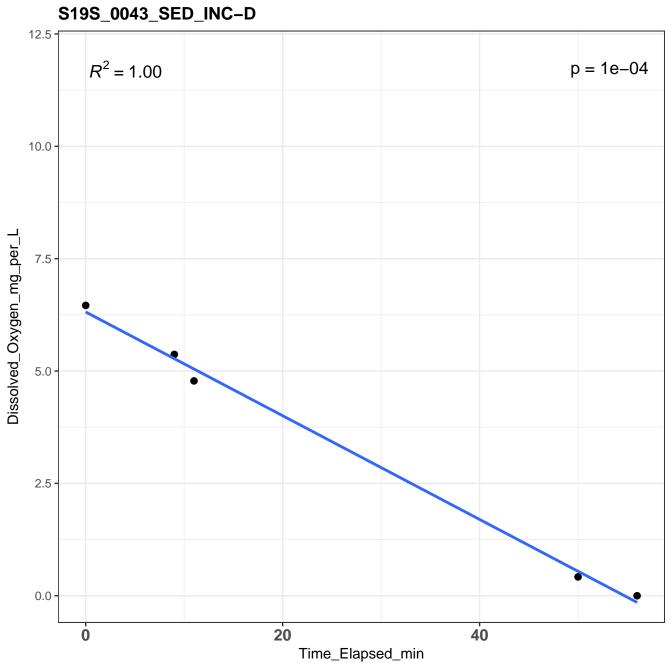
S19S\_0041\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 2 6 8 0 Time\_Elapsed\_min

S19S\_0041\_SED\_INC-U 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 2.5 7.5 10.0 0.0 5.0 Time\_Elapsed\_min



S19S\_0042\_SED\_INC-M 12.5 **-** $R^2 = 0.99$ p = 0.0710.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 10 20 0 Time\_Elapsed\_min





S19S\_0043\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 5 Ó 10 15 Time\_Elapsed\_min

S19S\_0044\_SED\_INC-D 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 0.5 0.0 1.0 1.5 2.0 Time\_Elapsed\_min

S19S\_0044\_SED\_INC-M 12.5 - $R^2 = 0.97$ p = 0.110.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 **-**5.0 2.5 0.0 2 Time\_Elapsed\_min

S19S\_0044\_SED\_INC-U 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 2 Ó Time\_Elapsed\_min

S19S\_0047\_SED\_INC-D 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 **-**5.0 2.5 0.0 5 Ó 10 15 Time\_Elapsed\_min

S19S\_0047\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 0.5 0.0 1.0 1.5 2.0 Time\_Elapsed\_min

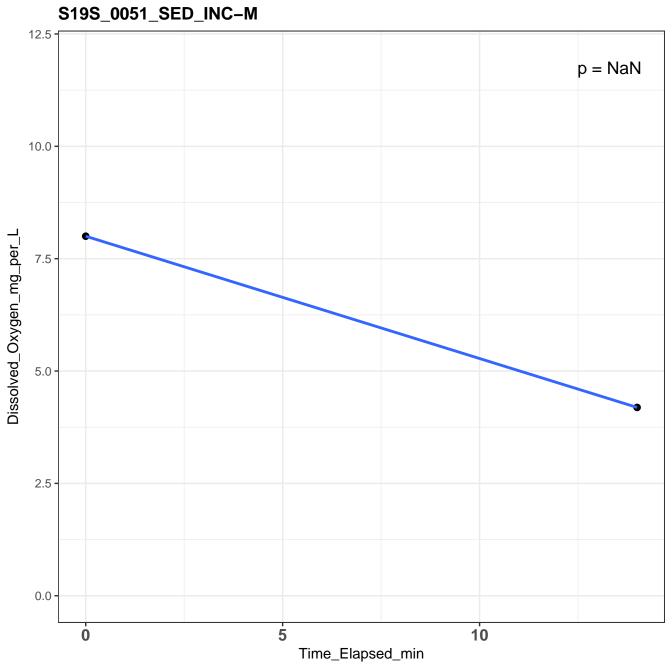
S19S\_0047\_SED\_INC-U 12.5 **-** $R^2 = 0.00$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 0.025 -0.025 0.000 -0.0500.05 Time\_Elapsed\_min

S19S\_0050\_SED\_INC-D 12.5 **-** $R^2 = 0.99$ p = 5e - 0510.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 25 75 Ó 50 100 Time\_Elapsed\_min

S19S\_0050\_SED\_INC-M 12.5 **-** $R^2 = 1.00$ p = 1e-0410.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 20 Ó 40 60 Time\_Elapsed\_min

S19S\_0050\_SED\_INC-U 12.5 **-** $R^2 = 1.00$ p = 6e - 0610.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 25 50 75 100 0 Time\_Elapsed\_min

S19S\_0051\_SED\_INC-D 12.5 **-** $R^2 = 0.99$ p = 2e - 0510.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 30 60 90 Time\_Elapsed\_min

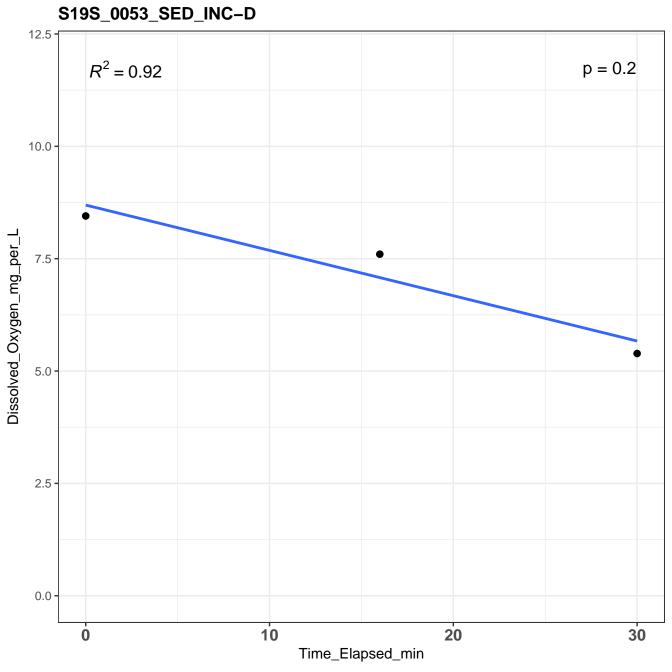


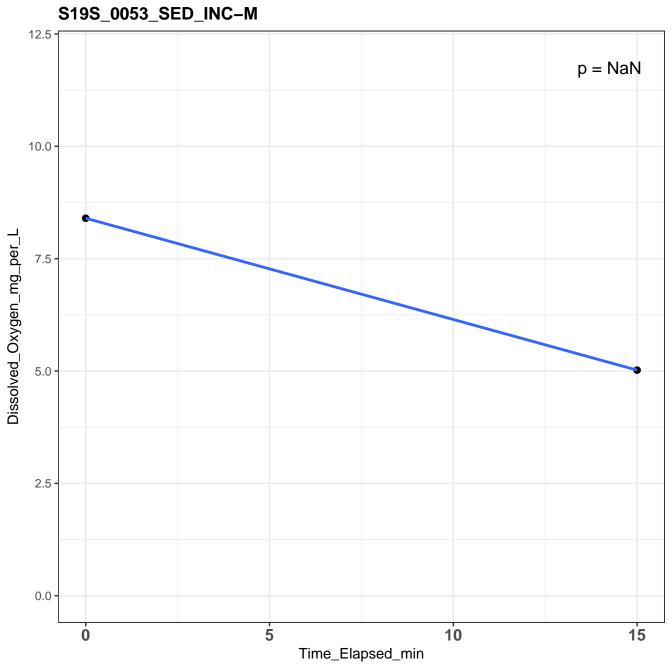
S19S\_0051\_SED\_INC-U 12.5 **-** $R^2 = 0.98$ p = 0.00110.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 25 75 Ó 50 Time\_Elapsed\_min

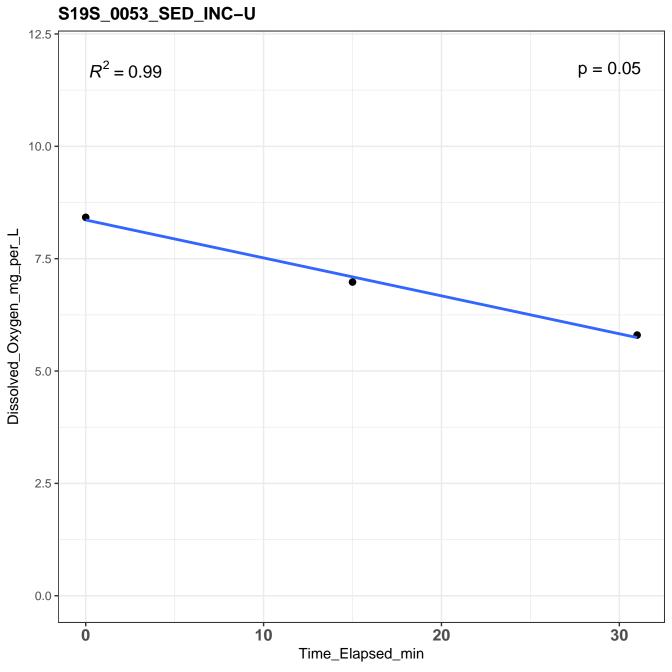
S19S\_0052\_SED\_INC-D 12.5 **-** $R^2 = 1.00$ p = 0.0210.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 10 20 30 40 0 Time\_Elapsed\_min

S19S\_0052\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 5 10 15 20 0 Time\_Elapsed\_min

S19S\_0052\_SED\_INC-U 12.5 **-** $R^2 = 0.99$ p = 0.0710.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 10 20 30 Time\_Elapsed\_min







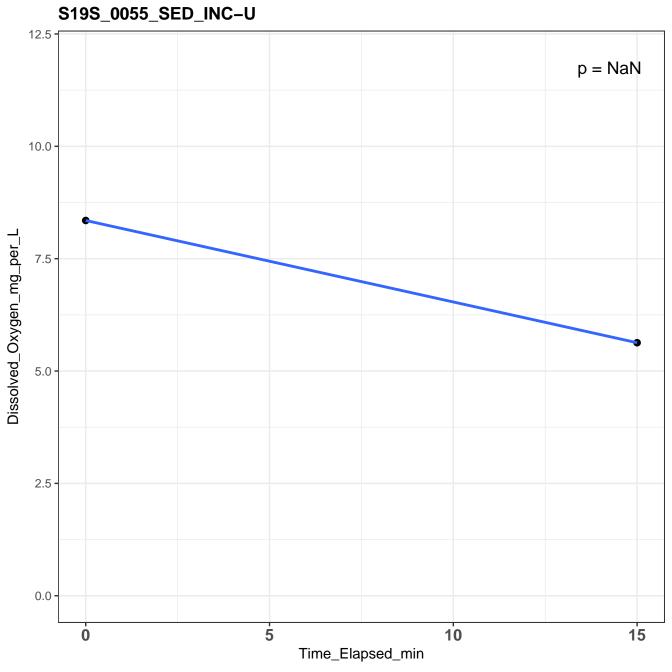
S19S\_0054\_SED\_INC-D 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 1.00 0.00 0.25 0.50 0.75 Time\_Elapsed\_min

S19S\_0054\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 0.50 1.00 0.00 0.25 0.75 Time\_Elapsed\_min

S19S\_0054\_SED\_INC-U 12.5 **-** $R^2 = 0.00$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 0.025 -0.025 0.000 -0.0500.05 Time\_Elapsed\_min

S19S\_0055\_SED\_INC-D 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 2 0 Time\_Elapsed\_min

S19S\_0055\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 2 0 Time\_Elapsed\_min



S19S\_0059\_SED\_INC-D 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 -2.5 0.0 0.5 0.0 1.0 1.5 2.0 Time\_Elapsed\_min

S19S\_0059\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 2.5 10.0 0.0 5.0 7.5 Time\_Elapsed\_min

S19S\_0059\_SED\_INC-U 12.5 **-** $R^2 = 1.00$ p = 0.0110.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 10 20 Time\_Elapsed\_min

S19S\_0060\_SED\_INC-D 12.5 **-** $R^2 = 0.96$ p = 0.0210.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 10 20 30 40 Time\_Elapsed\_min

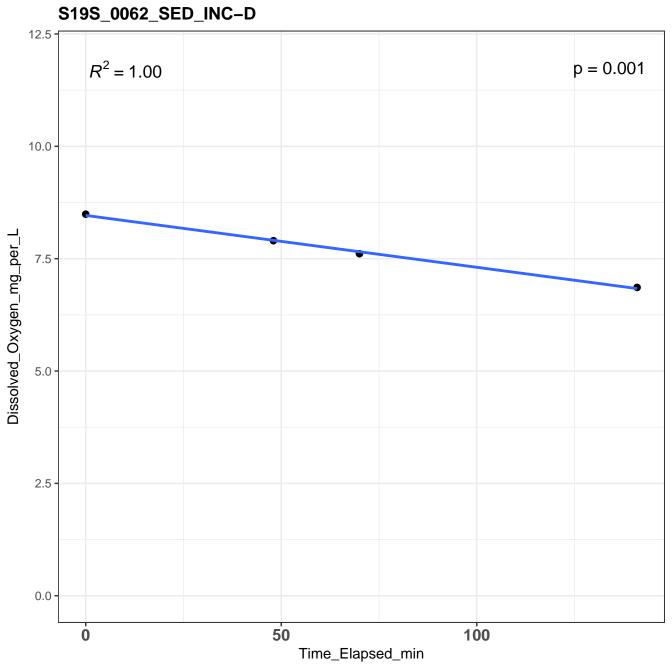
S19S\_0060\_SED\_INC-M 12.5 **-** $R^2 = 0.99$ p = 6e - 0510.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 30 60 90 Time\_Elapsed\_min

S19S\_0060\_SED\_INC-U 12.5 **-** $R^2 = 0.99$ p = 9e - 0810.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 30 Ó 60 90 Time\_Elapsed\_min

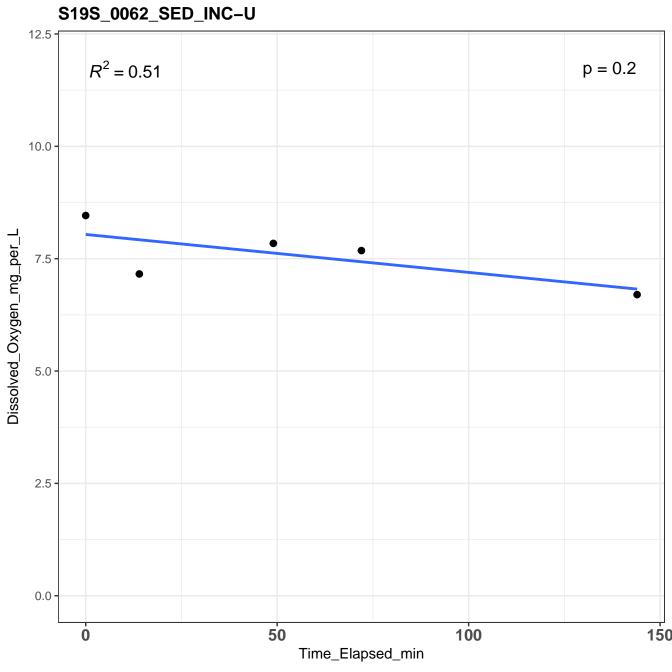
S19S\_0061\_SED\_INC-D 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 0.5 0.0 1.0 1.5 2.0

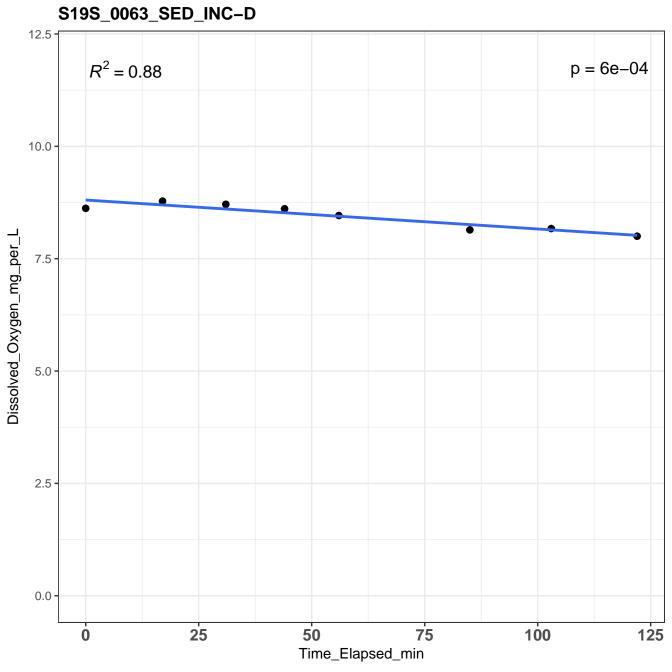
Time\_Elapsed\_min

S19S\_0061\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 1.00 0.00 0.25 0.50 0.75 Time\_Elapsed\_min



S19S\_0062\_SED\_INC-M 12.5 p = NaN 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 30 Ó 10 20 40 Time\_Elapsed\_min



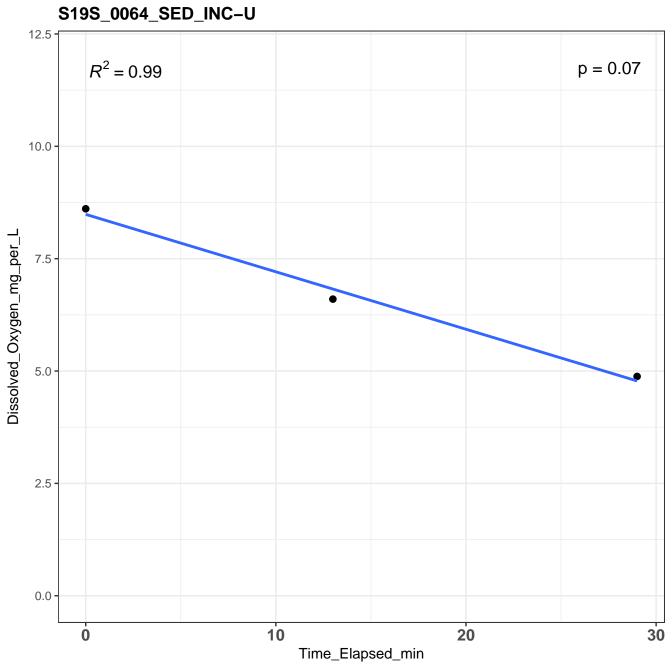


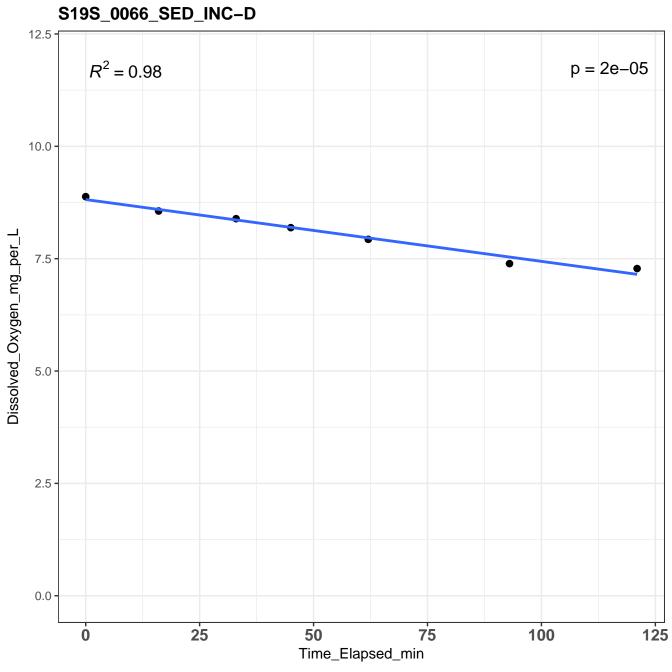
S19S\_0063\_SED\_INC-M 12.5 **-** $R^2 = 0.98$ p = 1e-0410.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 30 60 90 Time\_Elapsed\_min

S19S\_0063\_SED\_INC-U 12.5 **-** $R^2 = 0.84$ p = 0.0110.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 30 Ó 60 90 Time\_Elapsed\_min

S19S\_0064\_SED\_INC-D 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 2 Ó Time\_Elapsed\_min

S19S\_0064\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 5 10 15 0 Time\_Elapsed\_min





S19S\_0066\_SED\_INC-M 12.5 **-** $R^2 = 0.99$ p = 0.0810.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 0.0 0.5 1.0 1.5 2.0 Time\_Elapsed\_min

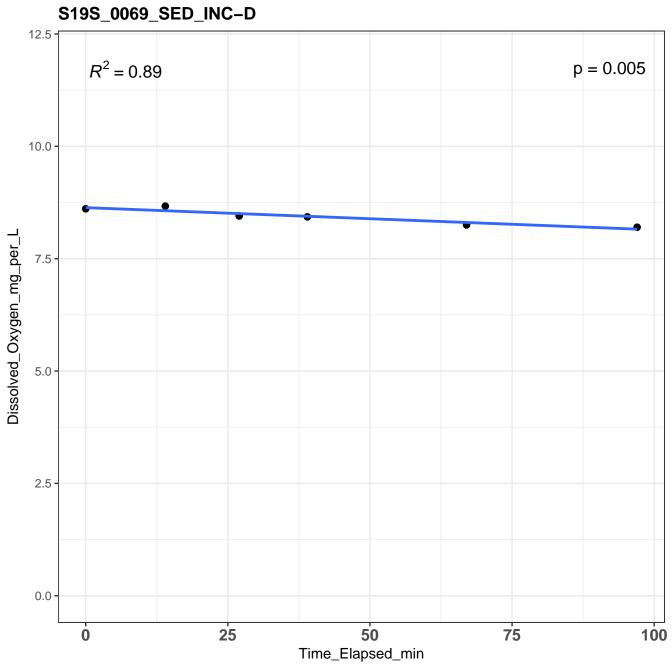
S19S\_0066\_SED\_INC-U 12.5 **-** $R^2 = 0.83$ p = 0.310.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 0.00 0.25 0.50 0.75 1.00 Time\_Elapsed\_min

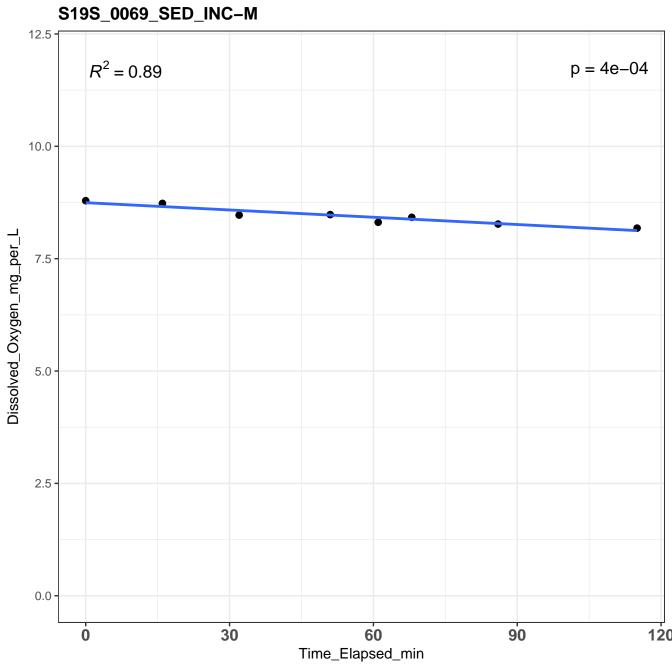
S19S\_0067\_SED\_INC-D 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 1.00 0.00 0.25 0.50 0.75 Time\_Elapsed\_min

S19S\_0067\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 1.00 0.00 0.25 0.50 0.75 Time\_Elapsed\_min

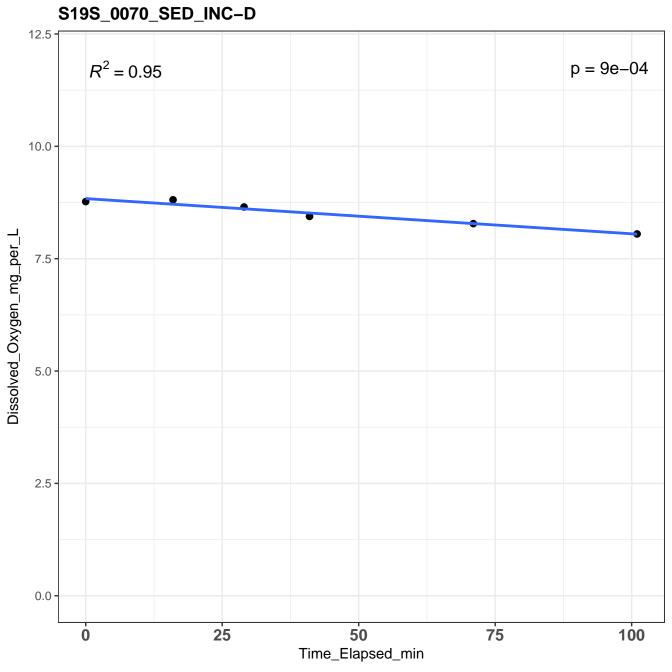
S19S\_0067\_SED\_INC-U 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 1.00 0.00 0.25 0.50 0.75 Time\_Elapsed\_min

S19S\_0068\_SED\_INC-U 12.5 **-** $R^2 = 0.99$ p = 3e-0610.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 25 75 Ó 50 Time\_Elapsed\_min





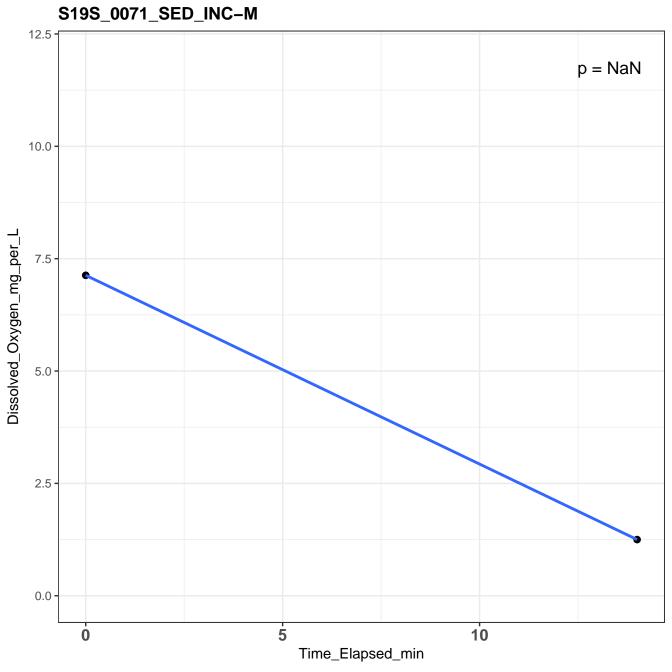
S19S\_0069\_SED\_INC-U 12.5 **-** $R^2 = 0.53$ p = 0.0610.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 25 Ó 50 75 Time\_Elapsed\_min



**\$19\$\_0070\_\$ED\_INC-M** 12.5 **-** $R^2 = 0.92$ p = 0.00210.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 50 Ó 25 75 100 Time\_Elapsed\_min

S19S\_0070\_SED\_INC-U 12.5 **-** $R^2 = 0.98$ p = 3e - 0610.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 30 60 90 Time\_Elapsed\_min

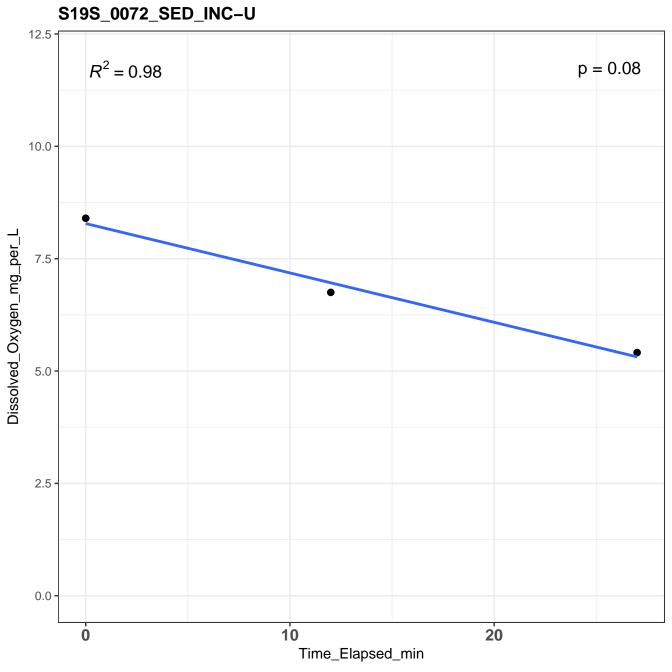
S19S\_0071\_SED\_INC-D 12.5 **-** $R^2 = 1.00$ p = 0.00610.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 5 Ó 10 15 20 Time\_Elapsed\_min

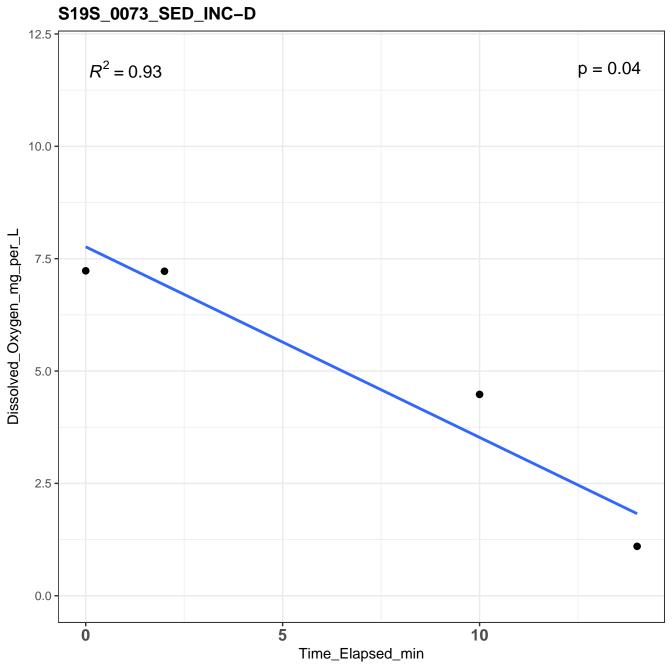


S19S\_0071\_SED\_INC-U 12.5 **-** $R^2 = 0.99$ p = 0.00710.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 10 20 30 Time\_Elapsed\_min

S19S\_0072\_SED\_INC-D 12.5 **-** $R^2 = 0.75$ p = 0.0310.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 25 50 75 100 Time\_Elapsed\_min

**\$19\$\_0072\_\$ED\_INC-M** 12.5 p = 9e-06 $R^2 = 0.97$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 30 Ó 60 90 Time\_Elapsed\_min

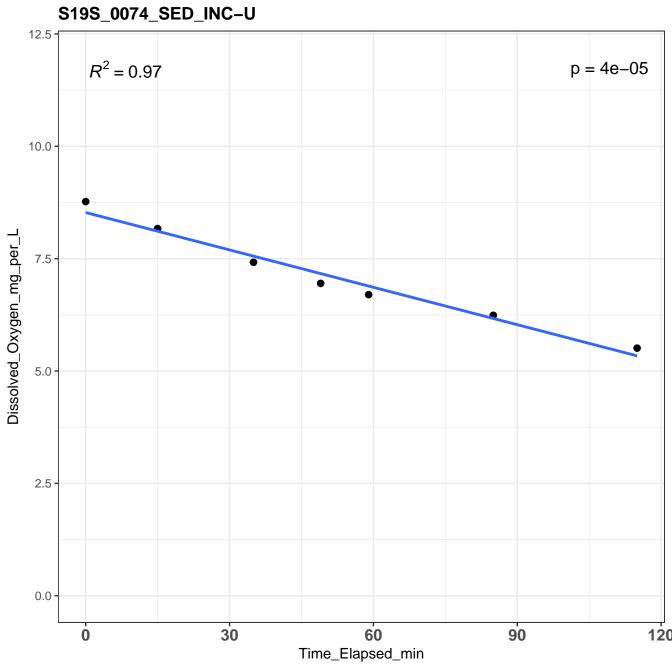




S19S\_0073\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 5 Ó 10 15 Time\_Elapsed\_min

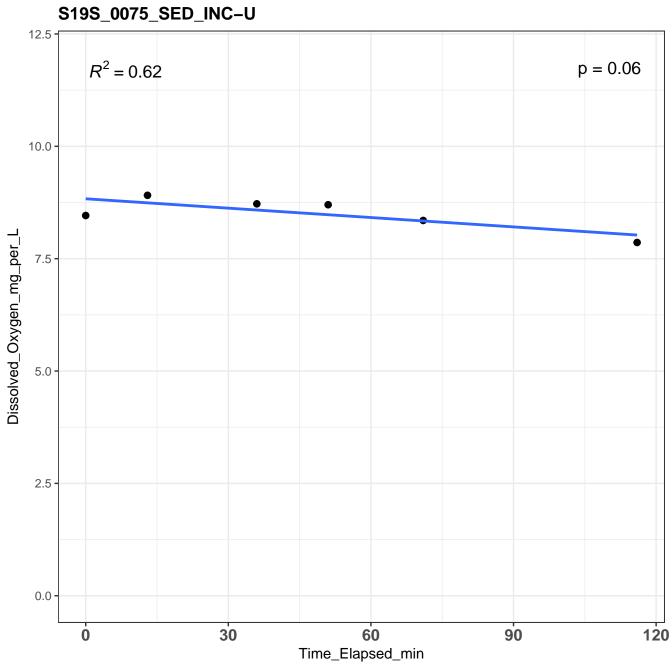
S19S\_0074\_SED\_INC-D 12.5 **-** $R^2 = 0.99$ p = 1e-0510.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 30 Ó 60 90 Time\_Elapsed\_min

S19S\_0074\_SED\_INC-M 12.5 **-** $R^2 = 0.78$ p = 0.00810.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 30 60 90 120 0 Time\_Elapsed\_min



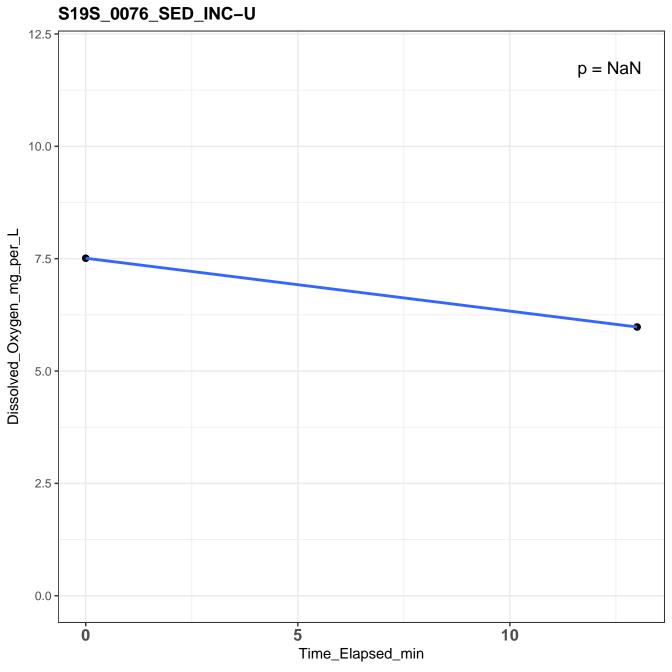
S19S\_0075\_SED\_INC-D 12.5 **-** $R^2 = 0.99$ p = 9e - 0610.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 75 Ó 25 50 100 Time\_Elapsed\_min

S19S\_0075\_SED\_INC-M 12.5 **-** $R^2 = 0.33$ p = 0.210.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 30 Ó 60 90 120 Time\_Elapsed\_min



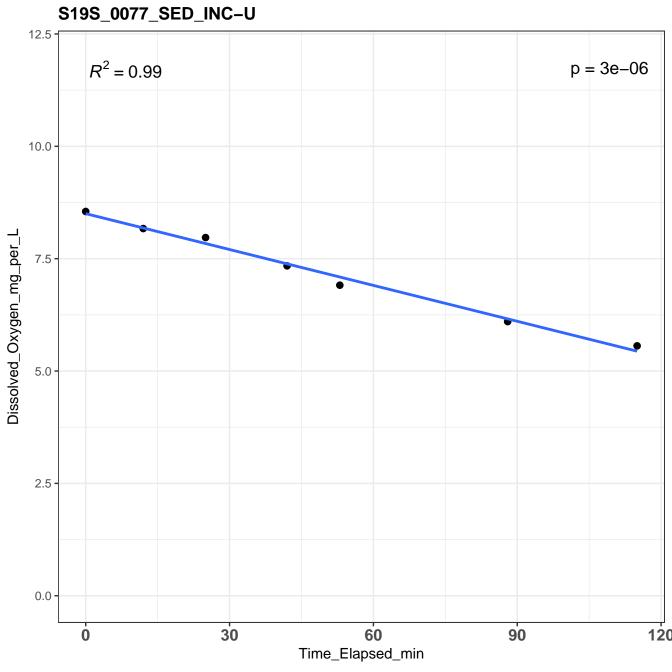
S19S\_0076\_SED\_INC-D 12.5 **-** $R^2 = 0.99$ p = 0.0510.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 10 Ó 20 30 Time\_Elapsed\_min

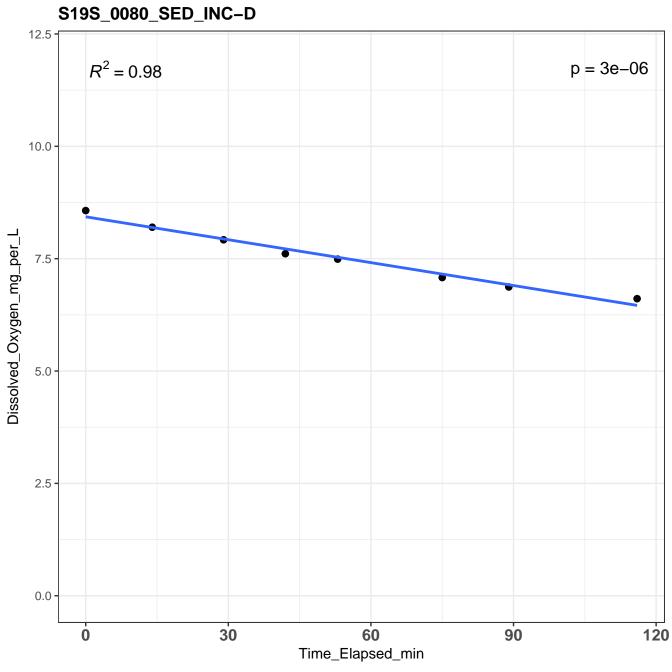
S19S\_0076\_SED\_INC-M 12.5 **-** $R^2 = 0.99$ p = 0.00710.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 10 20 30 40 Time\_Elapsed\_min



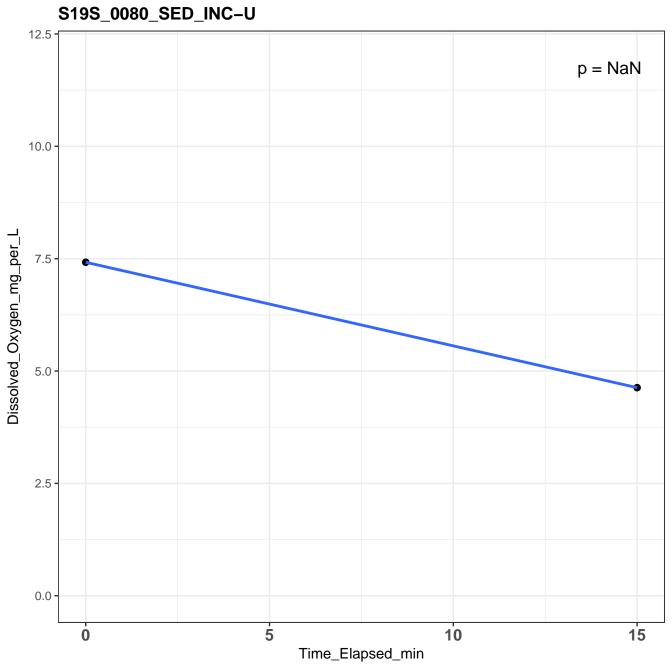
S19S\_0077\_SED\_INC-D 12.5 p = 2e-04 $R^2 = 0.99$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 25 75 Ó 50 Time\_Elapsed\_min

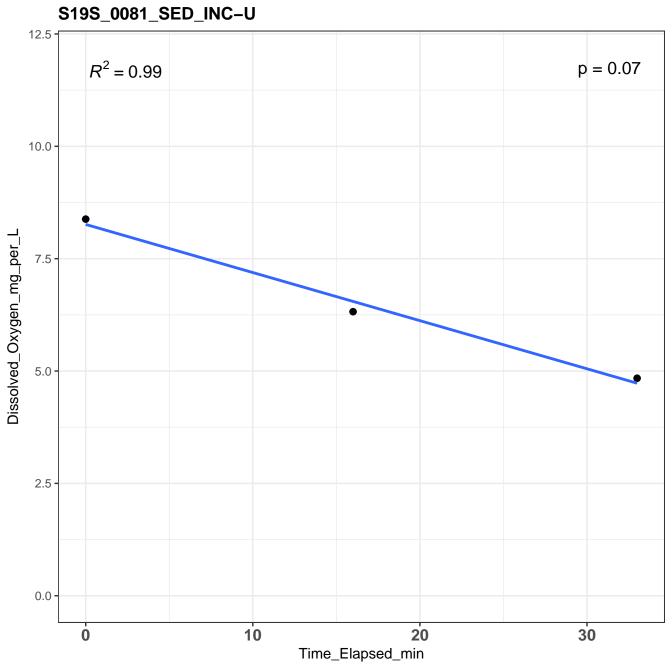
**\$19\$\_0077\_\$ED\_INC-M** 12.5 **-** $R^2 = 1.00$ p = 2e - 0710.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 25 50 75 100 125 Time\_Elapsed\_min





S19S\_0080\_SED\_INC-M 12.5 **-** $R^2 = 0.99$ p = 0.0510.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 10 20 0 Time\_Elapsed\_min

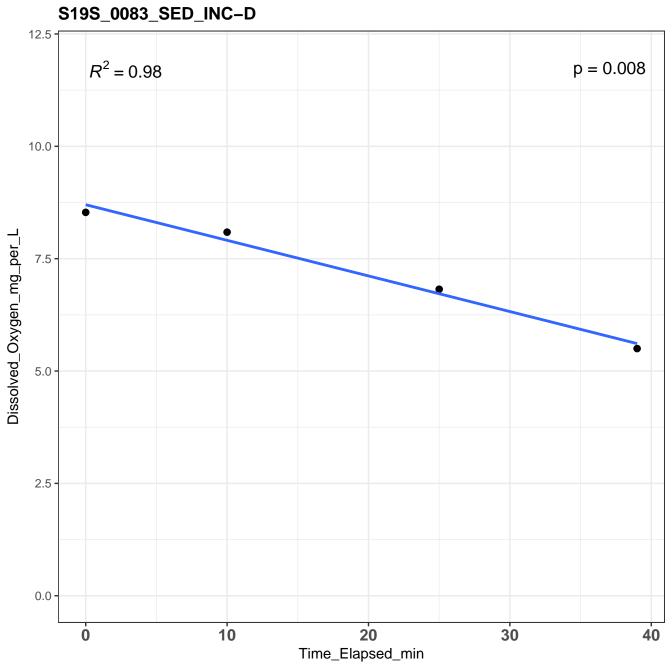


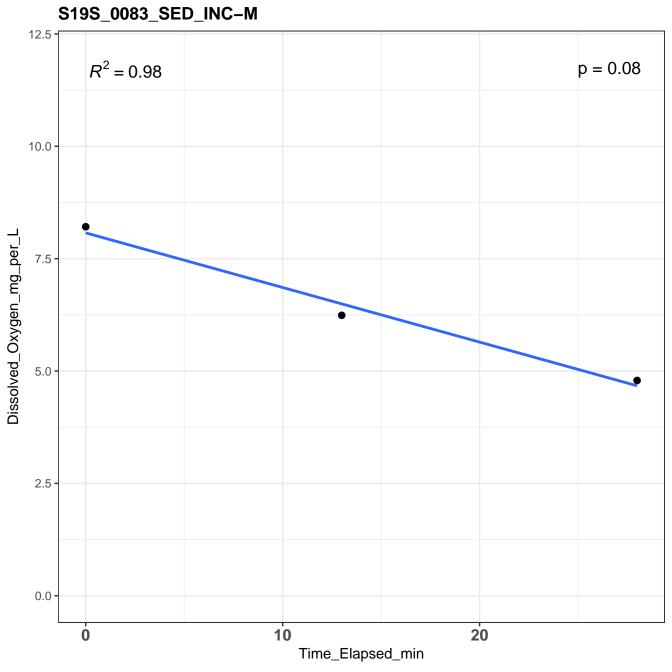


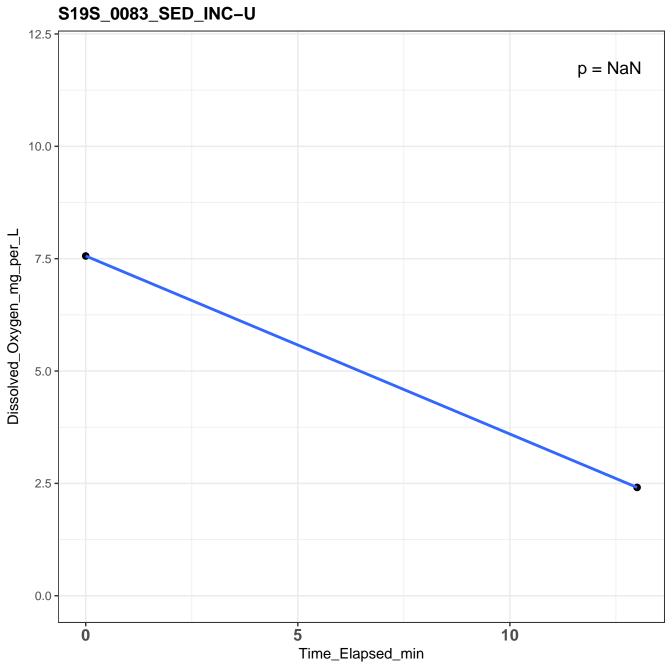
S19S\_0082\_SED\_INC-D 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 **-**5.0 2.5 0.0 10 20 0 Time\_Elapsed\_min

S19S\_0082\_SED\_INC-M 12.5 p = NaN 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 5 Ó 10 15 20 25 Time\_Elapsed\_min

S19S\_0082\_SED\_INC-U 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 **-**5.0 2.5 0.0 5 Ó 10 15 Time\_Elapsed\_min



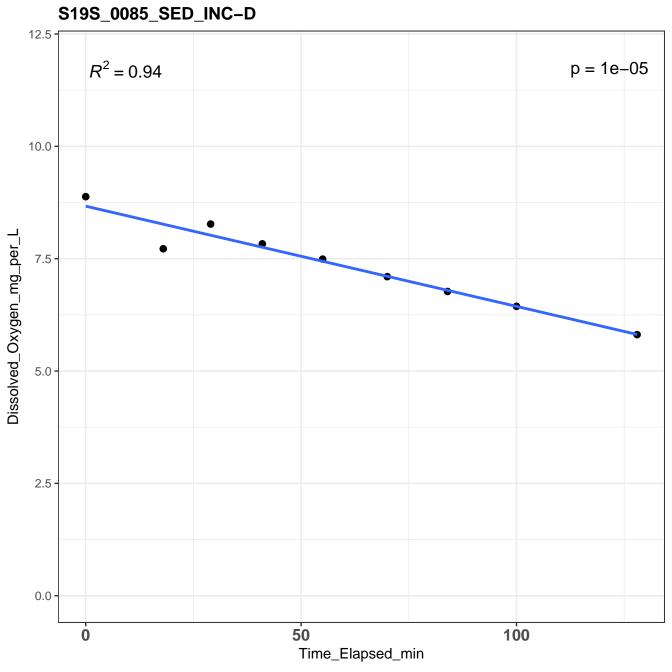




S19S\_0084\_SED\_INC-D 12.5 **-** $R^2 = 1.00$ p = 3e - 0810.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 30 60 90 Time\_Elapsed\_min

S19S\_0084\_SED\_INC-M 12.5 p = 4e-05 $R^2 = 0.99$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 30 60 90 Time\_Elapsed\_min

S19S\_0084\_SED\_INC-U 12.5 **-** $R^2 = 0.91$ p = 0.00310.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 30 60 90 Time\_Elapsed\_min

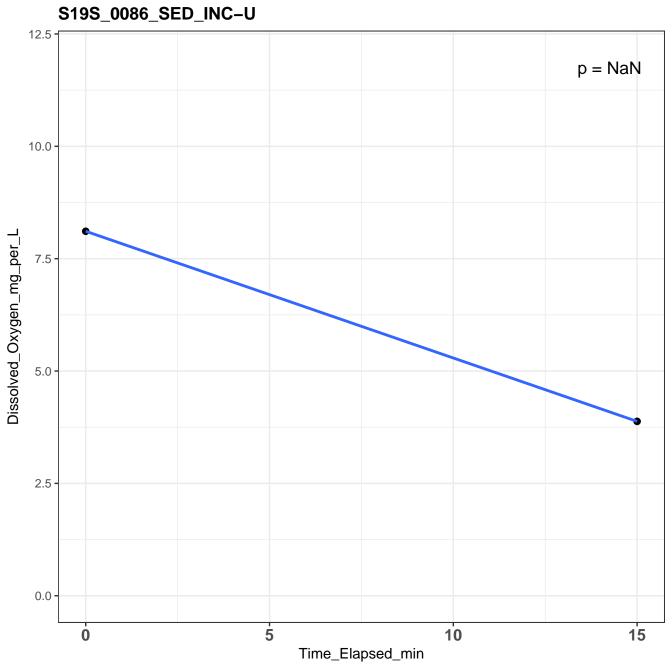


S19S\_0085\_SED\_INC-M 12.5 **-** $R^2 = 1.00$ p = 9e - 0610.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 20 40 60 Time\_Elapsed\_min

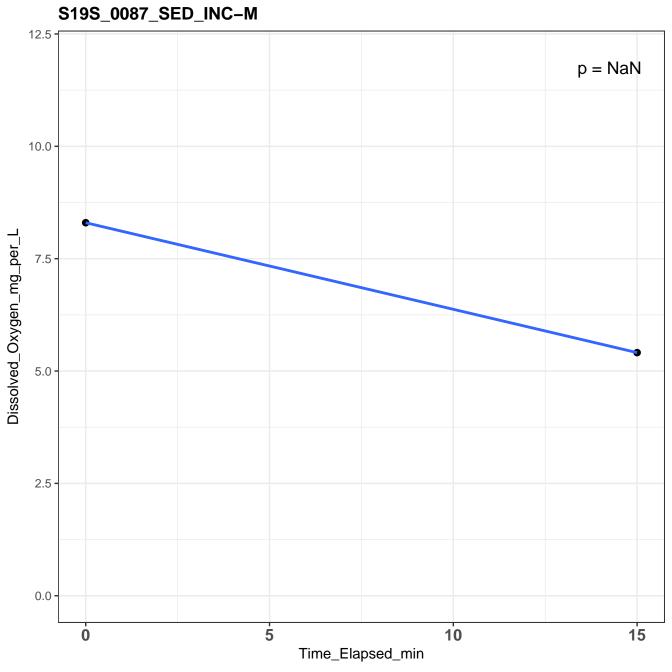
S19S\_0085\_SED\_INC-U 12.5 **-** $R^2 = 0.99$ p = 2e - 0510.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 20 40 60 0 Time\_Elapsed\_min

S19S\_0086\_SED\_INC-D 12.5 **-** $R^2 = 0.97$ p = 0.0110.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 10 20 30 40 Time\_Elapsed\_min

S19S\_0086\_SED\_INC-M 12.5 p = 2e - 06 $R^2 = 0.99$ 10.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 25 50 75 100 125 Time\_Elapsed\_min



S19S\_0087\_SED\_INC-D 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 0.00 0.25 0.50 0.75 1.00 Time\_Elapsed\_min



S19S\_0087\_SED\_INC-U 12.5 **-** $R^2 = 0.99$ p = 0.0510.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 **-**5.0 2.5 0.0 Ó 10 20 30 Time\_Elapsed\_min

S19S\_0089\_SED\_INC-D 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 -2.5 0.0 0.5 0.0 1.0 1.5 2.0 Time\_Elapsed\_min

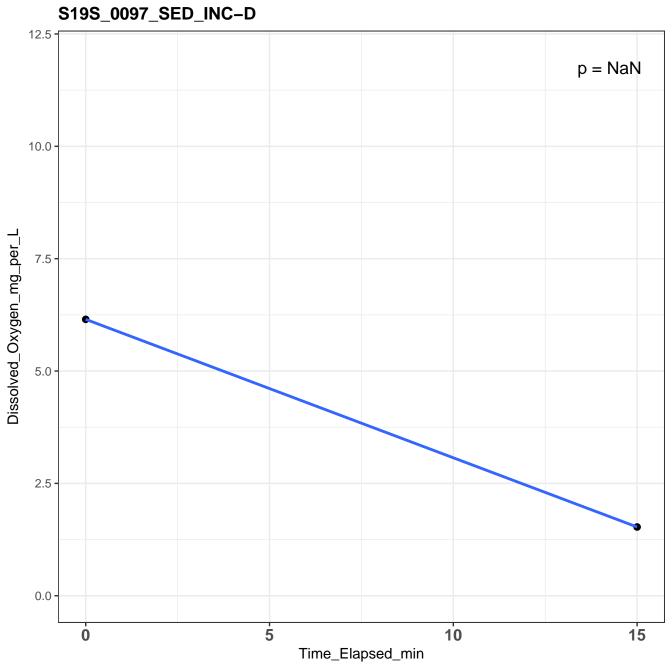
S19S\_0089\_SED\_INC-M 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 0.5 0.0 1.0 1.5 2.0 Time\_Elapsed\_min

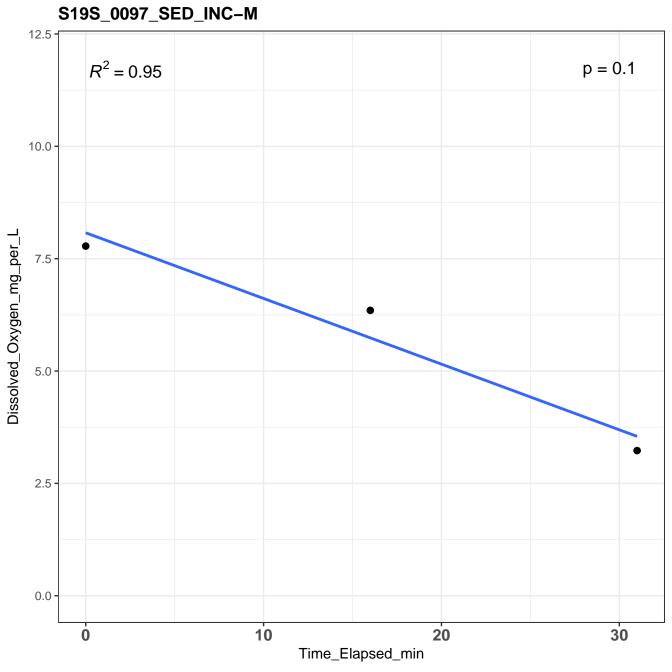
S19S\_0089\_SED\_INC-U 12.5 **-** $R^2 = 0.99$ p = 0.0510.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 5 Ó 10 15 20 25 Time\_Elapsed\_min

S19S\_0090\_SED\_INC-D 12.5 p = NaN10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 5 15 Ó 10 Time\_Elapsed\_min

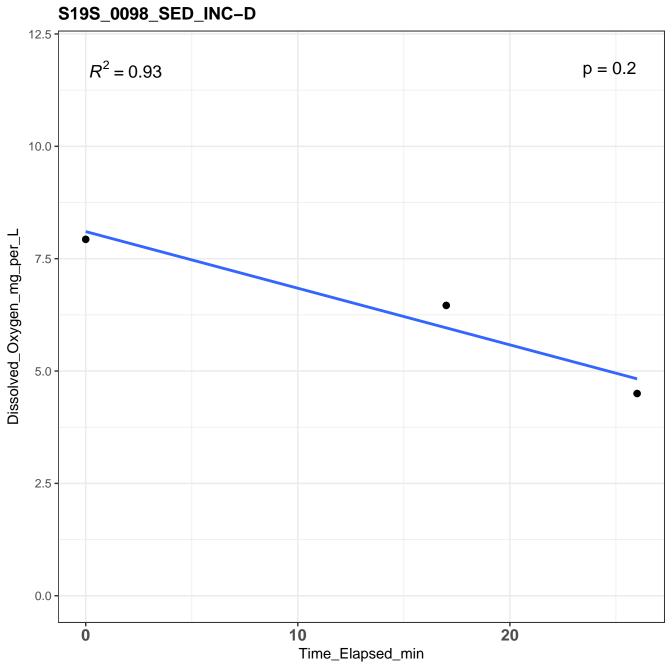
S19S\_0090\_SED\_INC-M 12.5 **-** $R^2 = 1.00$ p = 1e-0710.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 25 50 75 100 125 Time\_Elapsed\_min

S19S\_0090\_SED\_INC-U 12.5 **-** $R^2 = 0.83$ p = 0.00410.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 25 Ó 50 75 Time\_Elapsed\_min





S19S\_0097\_SED\_INC-U 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 1.00 0.00 0.25 0.50 0.75 Time\_Elapsed\_min

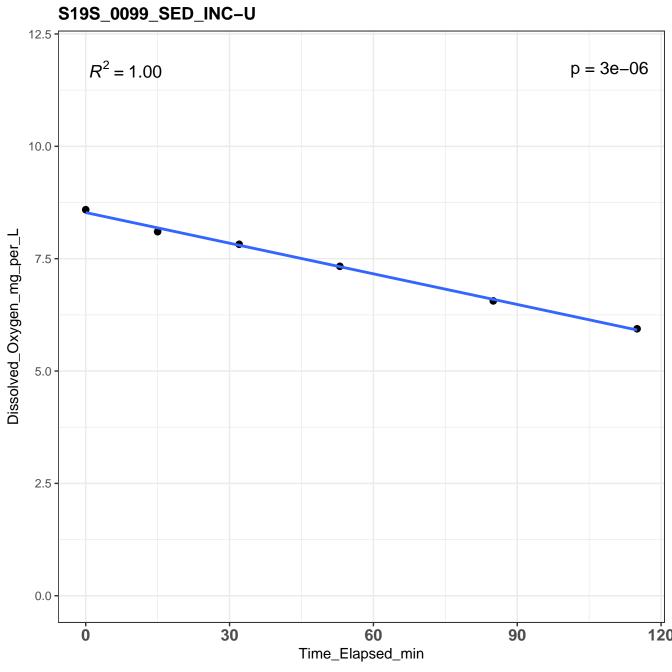


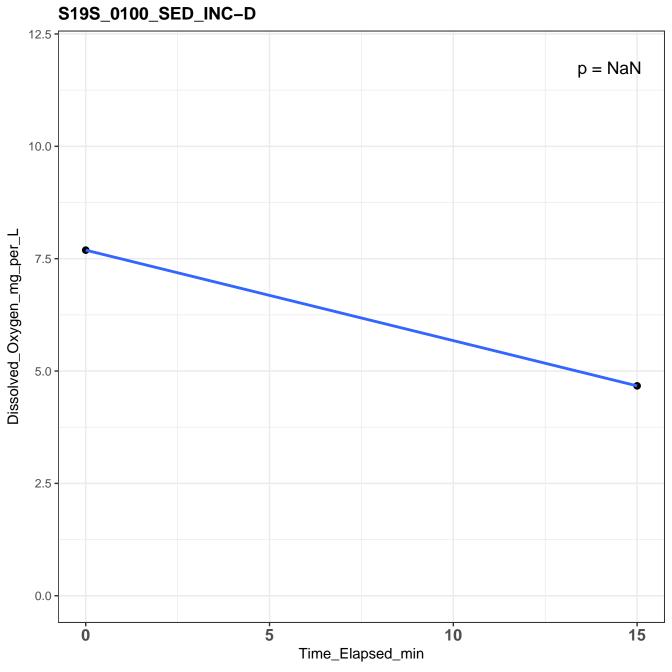
S19S\_0098\_SED\_INC-M 12.5 **-** $R^2 = 0.96$ p = 0.110.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 10 Ó 20 30 Time\_Elapsed\_min

S19S\_0098\_SED\_INC-U 12.5 p = NaN 10.0 -Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 5 Ó 10 15 20 Time\_Elapsed\_min

S19S\_0099\_SED\_INC-D 12.5 **-** $R^2 = 1.00$ p = 2e - 0810.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 30 60 90 Time\_Elapsed\_min

S19S\_0099\_SED\_INC-M 12.5 **-** $R^2 = 0.99$ p = 0.00410.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 5.0 2.5 0.0 Ó 20 40 Time\_Elapsed\_min





S19S\_0100\_SED\_INC-M 12.5 **-** $R^2 = 0.91$ p = 0.0110.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 **-**5.0 2.5 0.0 Ó 20 40 60 Time\_Elapsed\_min

S19S\_0100\_SED\_INC-U 12.5 **-** $R^2 = 0.98$ p = 1e-0510.0 Dissolved\_Oxygen\_mg\_per\_L 7.5 -5.0 2.5 0.0 Ó 25 50 75 100 Time\_Elapsed\_min