



Suppl. Fig. 1. Temporal variation of environmental parameters at TP-1 and TP-2 at the recipient site.

Suppl. Table 1. Spearman Rank correlation between environmental characteristics and corals health during one year period (December 2020 – November 2021)

| <b>Variables</b>                              | <b>Bleaching</b> | <b>Mortality</b> | <b>New recruitment</b> |
|---|------------------|------------------|------------------------|
| <b>Temperature (°C)</b>                       | -                | -                | -                      |
| <b>pH</b>                                     | -                | -                | -                      |
| <b>Salinity (PSU)</b>                         | <b>-0.74</b>     | -                | -                      |
| <b>Turbidity (NTU)</b>                        | <b>0.87</b>      | <b>0.60</b>      | -                      |
| <b>SS (mg/L)</b>                              | -                | -                | -                      |
| <b>DO (mg/L)</b>                              | <b>0.76</b>      | <b>0.79</b>      | -                      |
| <b>BOD (mg/L)</b>                             | -                | -                | -                      |
| <b>NO<sub>2</sub><sup>-</sup>-N (µmol/L)</b>  | -                | <b>-0.64</b>     | -                      |
| <b>NO<sub>3</sub><sup>-</sup>-N (µmol/L)</b>  | -                | -                | -                      |
| <b>NH<sub>4</sub><sup>+</sup>-N (µmol/L)</b>  | -                | -                | -                      |
| <b>PO<sub>4</sub><sup>3-</sup>-P (µmol/L)</b> | -                | -                | -                      |
| <b>PHc (µg/L)</b>                             | <b>0.79</b>      | <b>0.66</b>      | -                      |
| <b>Phenols (µg/L)</b>                         | <b>0.66</b>      | <b>0.83</b>      | -                      |