



**Figure 5.** (A) Overall number of elongated *Aurelia aurita* polyps in the caffeine ( $p = 0.647$ ), estradiol ( $p = 0.935$ ) and combination ( $p = 0.757$ ) treatments compared to the control. (B) The number of elongated polyps in the caffeine ( $p = 0.234$ , Spearman's  $\rho = 0.823$ ), estradiol ( $p = 0.266$ , Spearman's  $\rho = 0.914$ ) and combination ( $p = 0.128$ , Spearman's  $\rho = 0.927$ ) treatments over time, compared to the control (Spearman's  $\rho = 0.745$ ), the number of elongated polyps. The caffeine treatment contained 22,330  $\mu\text{mol/L}$  of caffeine in seawater, the estradiol treatment contained 5  $\mu\text{mol/L}$  of estradiol in seawater, and the combination treatment contained 22,330  $\mu\text{mol/L}$  of caffeine and 5  $\mu\text{mol/L}$  of estradiol in seawater.