



**Figure 7.** (A) The overall total number of *Aurelia aurita* polyps in the caffeine ( $p = 0.698$ ), estradiol ( $p = 0.961$ ) and combination ( $p = 0.514$ ) treatments, compared to the control. (B) The total number of polyps in the caffeine ( $p = 0.983$ , Spearman's  $\rho = 0.954$ ), estradiol ( $p = 0.991$ , Spearman's  $\rho = 0.906$ ) and combination ( $p = 0.911$ , Spearman's  $\rho = 0.917$ ) treatments over time, compared to the control (Spearman's  $\rho = 0.960$ ). 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.