|  |  |
| --- | --- |
| *Seriatopora caliendrum* | 1oC / day |
| 　 | No.3-1 | No.3-2 | No.3-3 | No.3-4 | No.3-5 | mean  | sd |
| R2 | 0.9825 | 0.9906 | 0.9831 | 0.9860 | 0.9812 | 0.9847  | 0.0037  |
| a | 104.6  | 99.10  | 103.5  | 107.9  | 102.3  | 　 | 　 |
| b | 13.24  | 26.86  | 4599  | 2.62  | 6.77  | 　 | 　 |
| c | 10.55  | 28.36  | 3438  | 1.91  | 5.52  | 　 | 　 |
| x0 | -7.22  | -21.31  | -4593  | 1.68  | -1.40  | 　 | 　 |
| y0 | -3.67  | 0.54  | -1.47  | -2.64  | -1.76  | 　 | 　 |
| 1oC / 3 days |
| 　 | No.8-1 | No.8-2 | No.8-3 | No.8-4 | No.8-5 | mean  | sd |
| R2 | 0.9892 | 0.9924 | 0.9924 | 0.9884 | 0.9918 | 0.9908  | 0.0019  |
| a | 100.1  | 98.84  | 96.99  | -95.25  | 96.35  | 　 | 　 |
| b | 3.40  | 6.80  | 75455  | 4.28  | 5.46  | 　 | 　 |
| c | 25.42  | 10.73  | 143144  | 7.64  | 7.65  | 　 | 　 |
| x0 | 3.71  | 5.53  | -75446  | 12.33  | 3.97  | 　 | 　 |
| y0 | -0.94  | -1.27  | -0.25  | 95.95  | 1.54  | 　 | 　 |
|  |
| *Pocillopora verrucosa* | 1oC / day |
| 　 | No.2-1 | No.2-2 | No.2-3 | No.2-4 | No.2-5 | mean  | sd |
| R2 | 0.9837 | 0.9860 | 0.9842 | 0.9861 | 0.9920 | 0.9864  | 0.0033  |
| a | 100.6  | 98.25  | 98.88  | 97.41  | 97.48  | 　 | 　 |
| b | 3.68  | 1646  | 4.04  | 1384  | 4.34  | 　 | 　 |
| c | 4.53  | 4057  | 7.19  | 3336  | 9.04  | 　 | 　 |
| x0 | 2.62  | -1639  | 2.49  | -1377  | 2.45  | 　 | 　 |
| y0 | -0.28  | -0.14  | 1.05  | -1.22  | 0.66  | 　 | 　 |
| 1oC / 3 days |
| 　 | No.7-1 | No.7-2 | No.7-3 | No.7-4 | No.7-5 | mean  | sd |
| R2 | 0.9931 | 0.9849 | 0.9677 | 0.9907 | 0.9774 | 0.9828  | 0.0104  |
| a | -99.39  | 101.9  | 89.80  | 96.31  | 94.03  | 　 | 　 |
| b | 7.22  | 3.40  | 64900  | 9.92  | 1469  | 　 | 　 |
| c | 3.64  | 6.48  | 66804  | 6.51  | 3275  | 　 | 　 |
| x0 | 16.75  | 3.22  | -64886  | 6.29  | -1455  | 　 | 　 |
| y0 | 99.83  | -0.82  | -0.65  | 2.01  | -0.78  | 　 | 　 |
|  |
| *Pocillopora damicornis* | 1oC / day |
| 　 | No.1-1 | No.1-2 | No.1-3 | No.1-4 | No.1-5 | mean  | sd |
| R2 | 0.9845 | 0.9924 | 0.9931 | 0.9897 | 0.9879 | 0.9895  | 0.0035  |
| a | 94.46  | 101.8  | 95.94  | 97.55  | 97.55  | 　 | 　 |
| b | 998.3  | 4.53  | 4.24  | 4.15  | 4.25  | 　 | 　 |
| c | 3514  | 29.43  | 21.62  | 6.15  | 12.10  | 　 | 　 |
| x0 | -991.2  | 3.66  | 2.99  | 2.06  | 2.78  | 　 | 　 |
| y0 | 1.42  | 0.04  | 1.42  | 1.96  | 3.37  | 　 | 　 |
| 1oC / 3 days |
| 　 | No.6-1 | No.6-2 | No.6-3 | No.6-4 | No.6-5 | mean  | sd |
| R2 | 0.9939 | 0.9767 | 0.9910 | 0.9916 | 0.9625 | 0.9831  | 0.0134  |
| a | 99.67  | 119.1  | 99.65  | 96.32  | 102.2  | 　 | 　 |
| b | 53524  | 30929  | 7388  | 8.69  | 5.68  | 　 | 　 |
| c | 24886  | 5356  | 4256  | 8.70  | 7.74  | 　 | 　 |
| x0 | -53512  | -30917  | -7373  | 4.80  | 5.10  | 　 | 　 |
| y0 | -0.36  | -13.66  | -0.75  | 0.44  | -1.06  | 　 | 　 |
|  |
| *Favites complanata* | 1oC / day |
| 　 | No.5-1 | No.5-2 | No.5-3 | No.5-4 | No5-5 | mean  | sd |
| R2 | 0.9897 | 0.9978 | 0.9969 | 0.9977 | 0.9944 | 0.9953  | 0.0034  |
| a | 97.61  | 98.00  | 97.12  | 97.42  | 96.23  | 　 | 　 |
| b | 3272  | 3525  | 1507  | 4.63  | 4.93  | 　 | 　 |
| c | 3716  | 7562  | 4257  | 8.88  | 14.15  | 　 | 　 |
| x0 | -3263  | -3516  | -1500  | 2.99  | 3.59  | 　 | 　 |
| y0 | -0.92  | 0.17  | 1.68  | 1.19  | 2.09  | 　 | 　 |
| 1oC / 3 days |
| 　 | No.10-1 | No.10-2 | No.10-3 | No.10-4 | No.10-5 | mean  | sd |
| R2 | 0.9935 | 0.9952 | 0.9963 | 0.9902 | 0.9890 | 0.9928  | 0.0032  |
| a | 97.73  | 99.72  | 97.27  | 97.37  | 97.96  | 　 | 　 |
| b | 15915  | 34.40  | 5463  | 11313  | 7580  | 　 | 　 |
| c | 6250  | 9.54  | 5350  | 4397  | 3842  | 　 | 　 |
| x0 | -15893  | -17.62  | -5446  | -11293  | -7560  | 　 | 　 |
| y0 | -0.40  | -0.50  | -0.17  | -1.45  | -1.14  | 　 | 　 |
|  |
| *Millepora* *intricata* | 1oC / day |
| 　 | No.4-1 | No.4-2 | No.4-3 | No.4-4 | No4-5 | mean  | sd |
| R2 | 0.9942  | 0.9897 | 0.9768 | 0.9930 | 0.9935 | 0.9894  | 0.0073  |
| a | 100.7  | -107.8  | 116.7  | 109.3  | -102.1  | 　 | 　 |
| b | 9.39  | 10.43  | 7.20  | 7.86  | 11.56  | 　 | 　 |
| c | 2.60  | 2.81  | 1.80  | 1.97  | 2.77  | 　 | 　 |
| x0 | 4.30  | 26.44  | 5.29  | 4.70  | 28.51  | 　 | 　 |
| y0 | 1.45  | 104.0  | -2.77  | -1.43  | 101.81  | 　 | 　 |
| 1oC / 3 days |
| 　 | No.9-1 | No.9-2 | No.9-3 | No.9-4 | No.9-5 | mean  | sd |
| R2 | 0.9567 | 0.9509 | 0.9326 | 0.9716 | 0.9786 | 0.9581  | 0.0181  |
| a | 224.8  | 778.5  | 111001  | 148.2  | 92078  | 　 | 　 |
| b | 17.63  | 30.16  | 311.1  | 16.22  | 256.09  | 　 | 　 |
| c | 2.80  | 2.38  | 2.07  | 3.20  | 2.20  | 　 | 　 |
| x0 | 11.42  | 12.43  | 13.66  | 9.76  | 12.89  | 　 | 　 |
| y0 | -108.1  | -657.4  | -110850  | -39.81  | -91932  | 　 | 　 |