Table S3.

|  |  |  |
| --- | --- | --- |
|  |  | **Status II / Chain-tail / agents** |
| **Line** | **Figure****Panel** | **Reference** | **Equation** | **Template** | **Phase** | **Impact [%]** |
|  |  | ***Shimmering-active neighbours***  ***[%]*** |  |  |  |  |
| 1 | 7 A3 |  |  |  | *pre-stroke* | 5.08 |
| 2 | na |  |  |  | *post-stroke* | na |
|  |  | ***Deviation of***  ***from hypothetical distributions [%]:*** ***,***  |  |  |  |  |
| 3 | 10 E1-2 |  | 3a | *PEAK* | *pre-stroke* | 9.23a |
| 4 | 10 E1-2 |  | 3b | *SINK* | *pre-stroke* | 20.04a |
| 5 | na |  | 3a | *PEAK* | *post-stroke* | na |
| 6 | na |  | 3b | *SINK* | *post-stroke* | na |
|  |  |  **/ *Angular variance of***  ***[%]*** |  |  |  |  |
| 7 | 10 E1-2 | =  [0°] -  [180°] |  | *PEAK* | *pre-stroke* | 47.81 |
| 8 | na | =  [180°] -  [0°] |  | *SINK* | *post-stroke* | na |
|  |  | ***Probability by which***  ***matched with the hypothetical distributions [%]:***  |  |  |  |  |
| 9 | 10 E1-2 |  |  | *PEAK* | *pre-stroke* | 90.77 |
| 10 | na |  |  | *SINK* | *post-stroke* | na |
|  |  | ***Contribution in wave direction control [%]:***  |  |  |  |  |
| 11 | 10 E1-2 |  |  | *PEAK* | *pre-stroke* | -2.20 |
| 12 | na |  |  | na | *post-stroke* | na |
|  |  |  |  |  |  |  |

Survey of the data associated to Figs.7,10 concerning agents of the *chain-tail* (*Status II*) type; experimental nest B (see Methods); a significant differences (P**DEV** = 0.0459, χ2 test) within groups; na, not available data; the *hypothetical distributions* are normalized denotations of *PEAK* and *SINK* distribution patterns (see Results).