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| --- | --- | --- |
| Levels | Measure | Results |
| Foraging efficiency | Proportion of Laden ants leaving the food source | **Mean=0.04** Min=0.02 Max=0.06 |
| Collective level | Total number of ants  Temporal Traffic organization  Spatial traffic organization | **Mean=8803** Min=6659 Max=11498 (N=12)  **Mean cluster size =1.9** Min=1 Max=14 (N=20655)  O: 0.64 ants => central zone  U: 0.39 ants => central zone  L: 0.91 ants => central zone |
| Individual level | Speed  Priority rules  Time loss per collision | O: 2.43 cm.s-1 (N=100)  U: 2.26 cm.s-1 (N=100)  L: 2.11 cm.s-1 (N=50)  O vs L => O turns, L walks (N=160)  O vs U => U turns, O walks (N=540)  0.8 s (N=100) |