

CAP+OCI v6 Experimental Results

Summary Tables for Publication

1. Results Summary

Both environments satisfy **CLAIM_A**, **CLAIM_B**, **CLAIM_B+**, and **CLAIM_C**.

| Environment | CLAIM_A | CLAIM_B | CLAIM_B+ | CLAIM_C | crossing |
|-----------------|---------|---------|----------|---------|----------|
| EnvA_grid | True | True | True | True | down |
| EnvB_continuous | True | True | True | True | up |

claim_ready = True

2. Per- γ Results: EnvA_grid

| γ | onset_rate | n_onset | OR_LCB | AND_LCB | robust | strong | selective |
|----------|------------|---------|--------|---------|--------|--------|-----------|
| 1.00 | 0.97 | 97 | 0.713 | 0.566 | True | True | True |
| 0.75 | 0.94 | 94 | 0.570 | 0.381 | True | True | True |
| 0.50 | 0.75 | 75 | 0.327 | 0.177 | True | True | True |
| 0.25 | 0.34 | 34 | 0.091 | 0.000 | False | False | True |
| 0.00 | 0.12 | 12 | — | — | — | — | — |

3. Per- γ Results: EnvB_continuous

| γ | onset_rate | n_onset | OR_LCB | AND_LCB | robust | strong | selective |
|----------|------------|---------|--------|---------|--------|--------|-----------|
| 1.00 | 0.36 | 36 | 0.191 | 0.103 | True | True | True |
| 0.75 | 0.58 | 58 | 0.385 | 0.251 | True | True | True |
| 0.50 | 0.79 | 79 | 0.550 | 0.395 | True | True | True |
| 0.25 | 0.91 | 91 | 0.650 | 0.490 | True | True | True |
| 0.00 | 0.98 | 98 | 0.730 | 0.580 | True | True | True |

4. Threshold Parameters

| Parameter | Value |
|---|-------|
| $\theta_{\text{lead}}, \theta_{\text{rec}}$ | 0.0 |
| R_{PASS} | 0.15 |
| R_{STRONG} | 0.05 |
| P_{PASS} | 0.30 |
| Wilson LCB α | 0.10 |
| Seeds N | 100 |