

TABLE I: Accepted hypotheses for C_{max}

| makespan | | | | | | | | | | | | |
|----------|------------|----------------------|----|------------|----------------------|----|------------|----------------------|----|------------|----------------------|----|
| $i = 1$ | | | | $i = 2$ | | | $i = 3$ | | | $i = 4$ | | |
| n | p -value | $1 - \alpha_{local}$ | H | p -value | $1 - \alpha_{local}$ | H | p -value | $1 - \alpha_{local}$ | H | p -value | $1 - \alpha_{local}$ | H |
| 10 | 0.9999 | 0.9833 | H1 | 0.9962 | 0.9917 | H1 | 0 | 0.9938 | H0 | 0.1762 | 0.9929 | H0 |
| 15 | 0.9706 | 0.9917 | H0 | 1 | 0.9833 | H1 | 0.0002 | 0.9938 | H0 | 0.2514 | 0.9929 | H0 |
| 20 | 0.9564 | 0.9917 | H0 | 1 | 0.9833 | H1 | 0.0003 | 0.9938 | H0 | 0.2033 | 0.9929 | H0 |
| 50 | 0.4247 | 0.9929 | H0 | 1 | 0.9875 | H1 | 0.9955 | 0.9917 | H1 | 1 | 0.9900 | H1 |
| 100 | 0.7019 | 0.9929 | H0 | 1 | 0.9917 | H1 | 1 | 0.9875 | H1 | 1 | 0.9900 | H1 |
| 150 | 0.2358 | 0.9929 | H0 | 1 | 0.9917 | H1 | 1 | 0.9875 | H1 | 1 | 0.9900 | H1 |
| 200 | 0.9115 | 0.9929 | H0 | 1 | 0.9917 | H1 | 1 | 0.9833 | H1 | 1 | 0.9900 | H1 |

| $i = 5$ | | | | $i = 6$ | | | $i = 7$ | | | $i = 8$ | | | best |
|---------|------------|----------------------|----|------------|----------------------|----|------------|----------------------|----|------------|----------------------|----|------|
| n | p -value | $1 - \alpha_{local}$ | H | p -value | $1 - \alpha_{local}$ | H | p -value | $1 - \alpha_{local}$ | H | p -value | $1 - \alpha_{local}$ | H | best |
| 10 | 1 | 0.9500 | H1 | 1 | 0.9750 | H1 | 0.9986 | 0.9900 | H1 | 0.9998 | 0.9875 | H1 | NEH |
| 15 | 1 | 0.9500 | H1 | 1 | 0.9750 | H1 | 0.9906 | 0.9900 | H1 | 0.9986 | 0.9875 | H1 | NEH |
| 20 | 1 | 0.9750 | H1 | 1 | 0.9500 | H1 | 0.9999 | 0.9900 | H1 | 0.9998 | 0.9875 | H1 | NEH |
| 50 | 0.1131 | 0.9938 | H0 | 1 | 0.9500 | H1 | 1 | 0.9750 | H1 | 1 | 0.9833 | H1 | NEH |
| 100 | 0 | 0.9938 | H0 | 1 | 0.9750 | H1 | 1 | 0.9500 | H1 | 1 | 0.9833 | H1 | NEH |
| 150 | 0 | 0.9938 | H0 | 1 | 0.9833 | H1 | 1 | 0.9500 | H1 | 1 | 0.9833 | H1 | NEH |
| 200 | 0 | 0.9938 | H0 | 1 | 0.9875 | H1 | 1 | 0.9500 | H1 | 1 | 0.9833 | H1 | NEH |

| $i = 1$ | | | | $i = 2$ | | | $i = 3$ | | | $i = 4$ | | | $HILL(p_j)$ |
|---------|------------|----------------------|----|------------|----------------------|----|------------|----------------------|----|------------|----------------------|----|-------------|
| n | p -value | $1 - \alpha_{local}$ | H | p -value | $1 - \alpha_{local}$ | H | p -value | $1 - \alpha_{local}$ | H | p -value | $1 - \alpha_{local}$ | H | $HILL(p_j)$ |
| 10 | 1 | 0.9500 | H1 | 0.9945 | 0.9900 | H1 | 0.0287 | 0.9929 | H0 | 1 | 0.9833 | H1 | NEH |
| 15 | 1 | 0.9500 | H1 | 0.9945 | 0.9900 | H1 | 0.0071 | 0.9929 | H0 | 1 | 0.9833 | H1 | NEH |
| 20 | 0.9992 | 0.9900 | H1 | 0.2776 | 0.9929 | H0 | 1 | 0.9833 | H1 | 0.0006 | 0.9938 | H0 | 1 |
| 50 | 0.9452 | 0.9917 | H1 | 1 | 0.9833 | H1 | 0.0089 | 0.9929 | H0 | 0.9900 | 0.9900 | H1 | 0.9750 |
| 100 | 0.9625 | 0.9900 | H0 | 1 | 0.9750 | H1 | 0 | 0.9929 | H0 | 1 | 0.9833 | H1 | 0.9917 |
| 150 | 0.7123 | 0.9900 | H0 | 1 | 0.9833 | H1 | 0 | 0.9929 | H0 | 1 | 0.9750 | H1 | 0.9917 |
| 200 | 0.0217 | 0.9900 | H0 | 1 | 0.9833 | H1 | 1 | 0.9917 | H0 | 0.9833 | 0.9500 | H1 | 0.9929 |

| $i = 6$ | | | | $i = 7$ | | | $i = 8$ | | | $i = 9$ | | | best |
|---------|------------|----------------------|----|------------|----------------------|----|------------|----------------------|--------|------------|----------------------|----|------|
| n | p -value | $1 - \alpha_{local}$ | H | p -value | $1 - \alpha_{local}$ | H | p -value | $1 - \alpha_{local}$ | H | p -value | $1 - \alpha_{local}$ | H | best |
| 10 | 1 | 0.9500 | H1 | 0.9948 | 0.9917 | H1 | 1 | 0.9900 | H1 | 1 | 0.9750 | H1 | NEH |
| 15 | 1 | 0.9500 | H1 | 0.7088 | 0.9917 | H0 | 0.9999 | 0.9875 | H1 | 1 | 0.9750 | H1 | NEH |
| 20 | 1 | 0.9500 | H1 | 0.9959 | 0.9917 | H1 | 1 | 0.9875 | 0.9750 | 1 | 0.9750 | H1 | NEH |
| 50 | 1 | 0.9500 | H1 | 1 | 0.9875 | H1 | 1 | 0.9875 | H1 | 1 | 0.9875 | H1 | NEH |
| 100 | 1 | 0.9500 | H1 | 1 | 0.9875 | H1 | 1 | 0.9875 | H1 | 1 | 0.9875 | H1 | NEH |
| 150 | 1 | 0.9500 | H1 | 1 | 0.9875 | H1 | 1 | 0.9875 | H1 | 1 | 0.9875 | H1 | NEH |
| 200 | 1 | 0.9750 | H1 | 1 | 0.9875 | H1 | 1 | 0.9875 | H1 | 1 | 0.9875 | H1 | NEH |

TABLE II: Accepted hypotheses for C_{max}

| $i = 1$ | | | | $i = 2$ | | | $i = 3$ | | | $i = 4$ | | | $HILL(p_j)$ |
|---------|------------|----------------------|----|------------|----------------------|----|------------|----------------------|----|------------|----------------------|----|-------------|
| n | p -value | $1 - \alpha_{local}$ | H | p -value | $1 - \alpha_{local}$ | H | p -value | $1 - \alpha_{local}$ | H | p -value | $1 - \alpha_{local}$ | H | $HILL(p_j)$ |
| 10 | 1 | 0.9500 | H1 | 0.9945 | 0.9900 | H1 | 0.0287 | 0.9929 | H0 | 1 | 0.9833 | H1 | NEH |
| 15 | 1 | 0.9500 | H1 | 0.9945 | 0.9900 | H1 | 0.0071 | 0.9929 | H0 | 1 | 0.9833 | H1 | NEH |
| 20 | 0.9992 | 0.9900 | H1 | 0.2776 | 0.9929 | H0 | 1 | 0.9833 | H1 | 0.0006 | 0.9938 | H0 | 1 |
| 50 | 0.9452 | 0.9917 | H1 | 1 | 0.9833 | H1 | 0.0089 | 0.9929 | H0 | 0.9900 | 0.9900 | H1 | 0.9750 |
| 100 | 0.9625 | 0.9900 | H0 | 1 | 0.9750 | H1 | 0 | 0.9929 | H0 | 1 | 0.9833 | H1 | 0.9917 |
| 150 | 0.7123 | 0.9900 | H0 | 1 | 0.9833 | H1 | 0 | 0.9929 | H0 | 1 | 0.9750 | H1 | 0.9917 |
| 200 | 0.0217 | 0.9900 | H0 | 1 | 0.9833 | H1 | 1 | 0.9917 | H0 | 0.9833 | 0.9500 | H1 | 0.9929 |

| $i = 6$ | | | | $i = 7$ | | | $i = 8$ | | | $i = 9$ | | | best |
|---------|------------|----------------------|----|------------|----------------------|----|------------|----------------------|--------|------------|----------------------|----|------|
| n | p -value | $1 - \alpha_{local}$ | H | p -value | $1 - \alpha_{local}$ | H | p -value | $1 - \alpha_{local}$ | H | p -value | $1 - \alpha_{local}$ | H | best |
| 10 | 1 | 0.9500 | H1 | 0.9948 | 0.9917 | H1 | 1 | 0.9900 | H1 | 1 | 0.9750 | H1 | NEH |
| 15 | 1 | 0.9500 | H1 | 0.7088 | 0.9917 | H0 | 0.9999 | 0.9875 | H1 | 1 | 0.9750 | H1 | NEH |
| 20 | 1 | 0.9500 | H1 | 0.9959 | 0.9917 | H1 | 1 | 0.9875 | 0.9750 | 1 | 0.9750 | H1 | NEH |
| 50 | 1 | 0.9500 | H1 | 1 | 0.9875 | H1 | 1 | 0.9875 | H1 | 1 | 0.9875 | H1 | NEH |
| 100 | 1 | 0.9500 | H1 | 1 | 0.9875 | H1 | 1 | 0.9875 | H1 | 1 | 0.9875 | H1 | NEH |
| 150 | 1 | 0.9500 | H1 | 1 | 0.9875 | H1 | 1 | 0.9875 | H1 | 1 | 0.9875 | H1 | NEH |
| 200 | 1 | 0.9750 | H1 | 1 | 0.9875 | H1 | 1 | 0.9875 | H1 | 1 | 0.9875 | H1 | NEH |