| Median Q-error         |  |      |      |      |      |      |       |   | Mean Estimation Time (ms) |      |      |      |      |      |           |
|------------------------|--|------|------|------|------|------|-------|---|---------------------------|------|------|------|------|------|-----------|
| Independence Threshold | 0.3 -                                      | 1.50 | 1.49 | 1.51 | 1.51 | 1.49 | 1.51  | - | 4.1                       | 4.5  | 4.2  | 9.5  | 8.8  | 3.6  |           |
|                        | 0.2 -                                      | 1.49 | 1.50 | 1.48 | 1.52 | 1.49 | 1.51  | - | 4.5                       | 4.2  | 4.2  | 11.7 | 8.6  | 3.6  |           |
|                        | 0.1 -                                      | 1.35 | 1.33 | 1.39 | 1.35 | 1.41 | 1.51  | _ | 7.6                       | 5.2  | 5.4  | 9.4  | 10.0 | 3.6  | JOB-light |
|                        | 0.01 -                                     | 1.28 | 1.29 | 1.25 | 1.28 | 1.31 | 1.51  | - | 12.2                      | 6.4  | 6.5  | 15.8 | 9.1  | 3.6  |           |
|                        | 0 -  | 1.29 | 1.28 | 1.21 | 1.31 | 1.29 | 1.51  | - | 33.5                      | 5.4  | 6.6  | 4.6  | 10.1 | 3.6  |           |
|                        | $\frac{\mathrm{Cluster}}{\mathrm{Only}}$ - | 1.04 | 1.05 | 1.07 | 1.12 | 1.25 | 1.51  | _ | 38.5                      | 7.9  | 4.3  | 5.3  | 10.7 | 3.6  |           |
|                        |  |      |      | '    | ı    |      |       |   |                           | '    | ı    | '    | '    | 1    |           |
|                        | 0.3 -                                      | 1.54 | 1.48 | 1.52 | 1.56 | 1.49 | 1.73  | - | 6.5                       | 3.0  | 6.3  | 4.6  | 2.9  | 1.8  | Stats-CEB |
|                        | 0.2 -                                      | 1.45 | 1.39 | 1.44 | 1.50 | 1.43 | 1.73  | - | 11.1                      | 4.7  | 8.2  | 5.8  | 3.0  | 1.8  |           |
|                        | 0.1 -                                      | 1.17 | 1.20 | 1.38 | 1.29 | 1.32 | 1.73  | - | 97.0                      | 9.1  | 22.0 | 14.0 | 3.5  | 1.8  |           |
|                        | 0.01 -                                     | 1.21 |      | 1.31 | 1.31 | 1.33 | 1.73  | - | 55.8                      | 10.8 | 36.5 | 7.6  | 3.6  | 1.8  |           |
|                        | 0 -  | 1.15 | 1.11 | 1.26 | 1.28 | 1.30 | 1.73  | _ | 94.5                      | 10.9 | 16.1 | 10.9 | 3.8  | 1.8  |           |
|                        | Cluster<br>Only                            | 1.15 | 1.08 | 1.25 | 1.27 | 1.30 | 1.73  | _ | 174.1                     | 26.2 | 20.6 | 5.3  | 9.2  | 1.8  |           |
|                        |  | 1%   | 5%   | 10%  | 25%  | 50%  | 100%  |   | 1%                        | 5%   | 10%  | 25%  | 50%  | 100% |           |
|                        |  | -,0  | 0,0  | 7 0  |      |      | ering | Γ |                           |      | -0,0 | -5,0 | 30,0 | 0070 |           |