

| Problem sizes      | $n = 64, m = 512$ |      |     |      |      |
|--------------------|-------------------|------|-----|------|------|
| Cores              | $nh$              | $nv$ | $k$ | $br$ | $bc$ |
| 1                  | 1                 | 1    | 1   | 64   | 512  |
| 2                  | 2                 | 2    | 4   | 32   | 256  |
| 4                  | 4                 | 4    | 16  | 16   | 128  |
| 8                  | 8                 | 8    | 64  | 8    | 64   |
| 16                 | 16                | 16   | 256 | 4    | 32   |
| $n = 64, m = 1024$ |                   |      |     |      |      |
| 1                  | 1                 | 1    | 1   | 64   | 1024 |
| 2                  | 2                 | 2    | 4   | 32   | 512  |
| 4                  | 4                 | 4    | 16  | 16   | 256  |
| 8                  | 8                 | 8    | 64  | 8    | 128  |
| 16                 | 16                | 16   | 256 | 4    | 64   |
| $n = 64, m = 2048$ |                   |      |     |      |      |
| 1                  | 1                 | 1    | 1   | 64   | 2048 |
| 2                  | 2                 | 2    | 4   | 32   | 1024 |
| 4                  | 4                 | 4    | 16  | 16   | 512  |
| 8                  | 8                 | 8    | 64  | 8    | 256  |
| 16                 | 16                | 16   | 256 | 4    | 128  |