| Sequential | | Parallel | |
|---|---|---|---|
| Time | Iter. | Time | Iter. |
| 6,440 | 920 | 6,160 | 933 |
| 6,080 | 942 | 6,510 | 957 |
| 6,280 | 975 | 6,070 | 957 |
| 6,180 | 964 | 6,410 | 975 |
| 6,310 | 949 | 6,240 | 949 |
| 6,080 | 913 | 6,210 | 943 |
| 6,030 | 929 | 6,240 | 948 |
| 6,230 | 912 | 6,340 | 931 |
| 6,360 | 940 | 6,540 | 906 |
| 6,120 | 926 | 6,540 | 983 |
| 6,160 | 942 | 5,810 | 940 |
| 6,220 | 959 | 5,950 | 943 |
| 6,300 | 970 | 6,100 | 974 |
| 6,280 | 990 | 6,110 | 927 |
| 6,190 | 959 | 6,060 | 938 |
| 6,480 | 943 | 6,080 | 976 |
| 6,050 | 949 | 6,140 | 957 |
| 6,380 | 925 | 5,840 | 1,002 |
| 6,100 | 932 | 6,210 | 974 |
| 6,240 | 973 | 6,200 | 985 |
| 6,150 | 973 | 6,080 | 948 |
| 6,060 | 973 | 6,100 | 943 |
| 6,320 | 930 | 5,900 | 935 |
| 6,050 | 945 | 6,330 | 946 |
| 6,040 | 940 | 6,150 | 962 |
| 6,120 | 959 | 6,180 | 929 |
| 6,280 | 937 | 6,130 | 963 |
| 6,340 | 972 | 5,650 | 942 |
| 6,080 | 913 | 6,140 | 957 |
| 6,300 | 942 | 6,160 | 948 |
| 6,208 | 947 | 6,153 | 952 |
| 127 | 21 | 203 | 20 |

**Table NQP 1:** Non-communicating results. 2000-Queens (40 cores)

| Caption: | | |
|---|---|---|
| | mean | |
| | Standard Deviation | |

| 100% - com. 1 to 1 | | 100% - com. 1 to N | |
|---|---|---|---|
| Time | Iter. | Time | Iter. |
| 5,710 | 894 | 6,220 | 959 |
| 5,790 | 825 | 6,160 | 925 |
| 6,150 | 914 | 6,180 | 950 |
| 5,520 | 847 | 6,150 | 926 |
| 5,790 | 945 | 5,760 | 902 |
| 6,290 | 897 | 5,850 | 865 |
| 5,880 | 857 | 6,330 | 823 |
| 5,820 | 898 | 6,010 | 906 |
| 6,030 | 955 | 6,280 | 894 |
| 5,970 | 904 | 6,040 | 865 |
| 6,060 | 935 | 5,690 | 937 |
| 5,960 | 864 | 5,810 | 832 |
| 6,050 | 946 | 5,890 | 833 |
| 5,870 | 849 | 6,240 | 886 |
| 6,090 | 867 | 6,140 | 950 |
| 6,150 | 910 | 6,120 | 894 |
| 5,900 | 835 | 6,000 | 750 |
| 5,710 | 771 | 5,740 | 719 |
| 6,010 | 800 | 5,750 | 858 |
| 6,010 | 896 | 6,020 | 923 |
| 5,990 | 968 | 6,020 | 885 |
| 5,960 | 844 | 6,140 | 941 |
| 5,790 | 843 | 6,280 | 946 |
| 5,990 | 933 | 5,920 | 822 |
| 5,570 | 860 | 5,590 | 918 |
| 5,880 | 854 | 6,040 | 865 |
| 5,960 | 963 | 5,920 | 884 |
| 6,150 | 908 | 5,880 | 912 |
| 5,740 | 857 | 6,150 | 945 |
| 6,000 | 896 | 6,240 | 889 |
| 5,926 | 885 | 6,019 | 887 |
| 174 | 49 | 197 | 57 |

**Table NQP 2:** Communicating results (100%). 2000-Queens (40 cores)

**Caption:**

| mean |
|---|
| Standard Deviation |

**sender solver**

**receiver solver**

**receiver solver not tacking into account the received information**

| 50% - com. 1 to 1 | | 50% - com. 1 to N | |
|---|---|---|---|
| Time | Iter. | Time | Iter. |
| 5,960 | 945 | 5,410 | 910 |
| 6,000 | 935 | 6,220 | 941 |
| 6,160 | 918 | 5,910 | 949 |
| 5,790 | 923 | 5,860 | 967 |
| 6,240 | 967 | 5,970 | 948 |
| 5,660 | 796 | 5,980 | 858 |
| 6,150 | 933 | 5,960 | 915 |
| 6,020 | 919 | 6,080 | 957 |
| 5,720 | 918 | 6,080 | 920 |
| 6,070 | 907 | 6,090 | 951 |
| 5,980 | 937 | 5,810 | 965 |
| 5,820 | 970 | 5,640 | 929 |
| 5,890 | 919 | 5,860 | 886 |
| 5,750 | 958 | 5,990 | 991 |
| 6,000 | 864 | 5,900 | 875 |
| 6,190 | 887 | 6,040 | 904 |
| 6,120 | 952 | 5,840 | 906 |
| 6,280 | 958 | 6,160 | 866 |
| 5,990 | 897 | 6,020 | 898 |
| 5,940 | 946 | 5,880 | 862 |
| 6,040 | 935 | 5,820 | 864 |
| 5,940 | 938 | 5,940 | 950 |
| 5,750 | 805 | 6,360 | 930 |
| 5,960 | 955 | 6,050 | 962 |
| 6,310 | 906 | 6,120 | 904 |
| 6,270 | 899 | 6,150 | 894 |
| 6,300 | 948 | 6,210 | 941 |
| 5,900 | 885 | 6,390 | 896 |
| 5,860 | 919 | 5,870 | 911 |
| 6,380 | 955 | 5,820 | 808 |
| 6,015 | 920 | 5,981 | 915 |
| 194 | 41 | 199 | 41 |

**Table NQP 3:** Communicating results (50%). 2000-Queens (40 cores)

**Caption:**

| mean |
|---|
| Standard Deviation |

**sender solver**

**receiver solver**

**receiver solver not tacking into account the received information**

**non-communicating solver**

| 25% - com. 1 to 1 | | 25% - com. 1 to N | |
|---|---|---|---|
| Time | Iter. | Time | Iter. |
| 6,000 | 931 | 6,080 | 891 |
| 6,190 | 937 | 5,670 | 938 |
| 6,000 | 992 | 6,090 | 931 |
| 6,150 | 940 | 5,960 | 930 |
| 5,960 | 894 | 6,370 | 949 |
| 6,170 | 960 | 6,240 | 913 |
| 6,350 | 890 | 6,240 | 927 |
| 6,230 | 949 | 6,010 | 945 |
| 6,240 | 995 | 6,110 | 903 |
| 5,820 | 964 | 6,020 | 890 |
| 6,080 | 946 | 6,130 | 936 |
| 6,130 | 929 | 5,970 | 931 |
| 6,210 | 938 | 5,860 | 869 |
| 5,600 | 932 | 6,260 | 878 |
| 5,550 | 907 | 6,290 | 972 |
| 6,040 | 920 | 6,060 | 877 |
| 6,040 | 914 | 6,200 | 931 |
| 6,170 | 956 | 6,100 | 948 |
| 5,890 | 977 | 6,080 | 936 |
| 6,550 | 856 | 6,010 | 929 |
| 6,050 | 950 | 6,080 | 962 |
| 5,820 | 915 | 6,160 | 769 |
| 5,370 | 905 | 5,690 | 927 |
| 6,210 | 1,010 | 6,160 | 936 |
| 6,120 | 859 | 6,090 | 920 |
| 6,000 | 937 | 6,170 | 949 |
| 5,970 | 900 | 6,140 | 975 |
| 6,440 | 927 | 5,890 | 972 |
| 6,070 | 956 | 6,030 | 933 |
| 6,300 | 930 | 6,080 | 972 |
| 6,057 | 934 | 6,075 | 925 |
| 250 | 36 | 156 | 41 |

**Table NQP 4:** Communicating results (25%). 2000-Queens (40 cores)

**Caption:**

| mean |
|---|
| Standard Deviation |

**sender solver**

**receiver solver**

**receiver solver not tacking into account the received information**

**non-communicating solver**

| Time | Iter. |
|---|---|
| 6,200 | 793 |
| 5,820 | 768 |
| 4,290 | 896 |
| 4,920 | 754 |
| 4,590 | 860 |
| 4,550 | 830 |
| 4,640 | 826 |
| 4,260 | 897 |
| 5,930 | 840 |
| 4,360 | 872 |
| 6,050 | 871 |
| 5,330 | 846 |
| 6,320 | 833 |
| 4,340 | 832 |
| 5,220 | 883 |
| 6,290 | 799 |
| 5,990 | 821 |
| 6,670 | 853 |
| 5,190 | 844 |
| 4,640 | 857 |
| 4,160 | 850 |
| 5,440 | 835 |
| 4,600 | 857 |
| 4,200 | 828 |
| 6,100 | 825 |
| 4,530 | 846 |
| 3,920 | 840 |
| 4,530 | 877 |
| 4,300 | 915 |
| 6,000 | 787 |
| 5,113 | 841 |
| 822 | 37 |

**Table NQP 5:** Communicating results (Partial-full solvers). 2000-Queens (40 cores)

**Caption:**

| mean |
|---|
| Standard Deviation |

receiver solver

receiver solver not tacking into account the received information

| Sequential | | Parallel | |
|---|---|---|---|
| **Time** | **Iter.** | **Time** | **Iter.** |
| 14,350 | 1,439 | 14,600 | 1,393 |
| 14,380 | 1,424 | 14,540 | 1,414 |
| 14,210 | 1,406 | 13,250 | 1,387 |
| 13,760 | 1,399 | 14,370 | 1,433 |
| 14,010 | 1,419 | 14,300 | 1,400 |
| 14,150 | 1,416 | 13,710 | 1,423 |
| 14,490 | 1,406 | 14,190 | 1,420 |
| 14,160 | 1,412 | 14,140 | 1,420 |
| 14,030 | 1,420 | 13,810 | 1,467 |
| 14,420 | 1,436 | 13,830 | 1,420 |
| 13,950 | 1,383 | 13,790 | 1,375 |
| 13,990 | 1,384 | 14,050 | 1,383 |
| 14,520 | 1,450 | 14,160 | 1,413 |
| 14,080 | 1,411 | 13,880 | 1,465 |
| 14,280 | 1,431 | 13,320 | 1,411 |
| 14,270 | 1,394 | 14,010 | 1,464 |
| 14,080 | 1,474 | 14,630 | 1,403 |
| 14,180 | 1,384 | 13,810 | 1,394 |
| 14,100 | 1,409 | 13,990 | 1,391 |
| 14,340 | 1,387 | 14,030 | 1,411 |
| 14,200 | 1,391 | 14,520 | 1,394 |
| 14,180 | 1,403 | 14,480 | 1,429 |
| 14,260 | 1,419 | 14,050 | 1,370 |
| 14,350 | 1,446 | 13,910 | 1,400 |
| 14,180 | 1,404 | 13,830 | 1,405 |
| 14,060 | 1,418 | 14,380 | 1,423 |
| 13,890 | 1,382 | 14,080 | 1,409 |
| 13,870 | 1,425 | 14,110 | 1,398 |
| 14,460 | 1,432 | 14,220 | 1,443 |
| 14,690 | 1,437 | 13,940 | 1,434 |
| **14,196** | **1,415** | **14,064** | **1,413** |
| 211 | 22 | 335 | 25 |

**Table NQP 6:** Non-communicating results. 3000-Queens (40 cores)

**Caption:**

| mean |
|---|
| **Standard Deviation** |

| 100% - com. 1 to 1 | | 100% - com. 1 to N | |
|:---:|:---:|:---:|:---:|
| **Time** | **Iter.** | **Time** | **Iter.** |
| 13,410 | 1,274 | 14,320 | 1,406 |
| 13,430 | 1,402 | 13,680 | 1,251 |
| 13,940 | 1,396 | 13,470 | 1,423 |
| 13,500 | 1,322 | 13,830 | 1,411 |
| 13,660 | 1,328 | 13,680 | 1,255 |
| 13,670 | 1,346 | 13,700 | 1,375 |
| 13,580 | 1,339 | 13,930 | 1,249 |
| 13,710 | 1,371 | 14,350 | 1,415 |
| 13,220 | 1,384 | 14,040 | 1,381 |
| 13,550 | 1,318 | 13,580 | 1,298 |
| 13,890 | 1,365 | 13,420 | 1,299 |
| 13,690 | 1,277 | 13,910 | 1,375 |
| 14,170 | 1,400 | 13,850 | 1,337 |
| 13,900 | 1,359 | 13,500 | 1,332 |
| 13,410 | 1,345 | 13,830 | 1,342 |
| 13,890 | 1,341 | 13,530 | 1,403 |
| 13,650 | 1,246 | 13,820 | 1,326 |
| 14,070 | 1,370 | 14,170 | 1,410 |
| 14,080 | 1,357 | 14,320 | 1,392 |
| 14,170 | 1,335 | 14,050 | 1,437 |
| 13,850 | 1,360 | 13,290 | 1,342 |
| 13,580 | 1,371 | 13,740 | 1,413 |
| 13,710 | 1,409 | 13,520 | 1,298 |
| 13,800 | 1,303 | 13,590 | 1,369 |
| 13,480 | 1,363 | 14,390 | 1,433 |
| 12,210 | 1,293 | 13,750 | 1,377 |
| 13,950 | 1,327 | 13,370 | 1,440 |
| 13,350 | 1,368 | 14,220 | 1,391 |
| 14,330 | 1,378 | 13,690 | 1,370 |
| 13,360 | 1,324 | 13,200 | 1,411 |
| **13,674** | **1,346** | **13,791** | **1,365** |
| 391 | 40 | 327 | 56 |

**Table NQP 7:** Communicating results (100%). 3000-Queens (40 cores)

**Caption:**

| mean |
|:---:|
| **Standard Deviation** |

**sender solver**

**receiver solver**

**receiver solver not tacking into account the received information**

| 50% - com. 1 to 1 | | 50% - com. 1 to N | |
|---|---|---|---|
| Time | Iter. | Time | Iter. |
| 14,310 | 1,317 | 13,920 | 1,260 |
| 13,680 | 1,389 | 14,300 | 1,384 |
| 13,420 | 1,408 | 14,430 | 1,357 |
| 13,910 | 1,417 | 14,060 | 1,441 |
| 13,740 | 1,320 | 14,140 | 1,368 |
| 13,880 | 1,345 | 13,880 | 1,348 |
| 14,010 | 1,405 | 13,960 | 1,405 |
| 13,790 | 1,345 | 14,470 | 1,463 |
| 13,860 | 1,289 | 13,760 | 1,428 |
| 14,310 | 1,265 | 13,960 | 1,381 |
| 14,070 | 1,417 | 13,740 | 1,439 |
| 14,300 | 1,360 | 13,880 | 1,417 |
| 13,960 | 1,444 | 14,180 | 1,399 |
| 13,430 | 1,299 | 14,150 | 1,353 |
| 14,080 | 1,423 | 13,340 | 1,306 |
| 13,820 | 1,456 | 13,740 | 1,421 |
| 14,430 | 1,402 | 13,860 | 1,365 |
| 14,360 | 1,403 | 13,840 | 1,403 |
| 13,350 | 1,356 | 13,660 | 1,272 |
| 14,190 | 1,357 | 13,160 | 1,404 |
| 13,890 | 1,442 | 13,810 | 1,410 |
| 13,980 | 1,372 | 14,220 | 1,352 |
| 14,300 | 1,389 | 14,060 | 1,435 |
| 13,720 | 1,418 | 14,100 | 1,414 |
| 13,430 | 1,319 | 14,120 | 1,437 |
| 13,840 | 1,305 | 13,790 | 1,410 |
| 14,050 | 1,400 | 14,340 | 1,407 |
| 13,710 | 1,348 | 13,480 | 1,270 |
| 14,140 | 1,337 | 14,430 | 1,403 |
| 13,610 | 1,301 | 14,120 | 1,420 |
| 13,919 | 1,368 | 13,963 | 1,386 |
| 300 | 51 | 311 | 52 |

**Table NQP 8:** Communicating results (50%). 3000-Queens (40 cores)

**Caption:**

| mean |
|---|
| Standard Deviation |

sender solver

receiver solver

receiver solver not tacking into account the received information

non-communicating solver

| 25% - com. 1 to 1 | | 25% - com. 1 to N | |
|---|---|---|---|
| Time | Iter. | Time | Iter. |
| 13,600 | 1,397 | 14,020 | 1,353 |
| 13,740 | 1,442 | 14,330 | 1,413 |
| 13,930 | 1,288 | 13,980 | 1,213 |
| 13,830 | 1,341 | 13,690 | 1,411 |
| 13,790 | 1,465 | 14,360 | 1,405 |
| 13,860 | 1,394 | 13,480 | 1,393 |
| 13,350 | 1,378 | 13,910 | 1,394 |
| 13,840 | 1,375 | 14,210 | 1,497 |
| 14,240 | 1,323 | 13,780 | 1,416 |
| 13,960 | 1,437 | 14,600 | 1,448 |
| 13,810 | 1,415 | 13,640 | 1,438 |
| 14,500 | 1,415 | 14,340 | 1,379 |
| 13,840 | 1,415 | 14,390 | 1,371 |
| 13,630 | 1,337 | 14,120 | 1,446 |
| 13,700 | 1,323 | 14,160 | 1,362 |
| 13,870 | 1,372 | 13,650 | 1,406 |
| 14,200 | 1,415 | 13,340 | 1,381 |
| 14,380 | 1,352 | 13,470 | 1,426 |
| 13,610 | 1,454 | 14,410 | 1,416 |
| 13,860 | 1,388 | 14,000 | 1,438 |
| 13,770 | 1,458 | 13,430 | 1,456 |
| 14,340 | 1,348 | 14,380 | 1,391 |
| 13,820 | 1,387 | 13,940 | 1,379 |
| 14,180 | 1,419 | 14,110 | 1,449 |
| 13,650 | 1,402 | 13,940 | 1,357 |
| 14,160 | 1,356 | 13,960 | 1,389 |
| 14,430 | 1,430 | 13,480 | 1,432 |
| 13,640 | 1,441 | 14,320 | 1,428 |
| 13,600 | 1,349 | 13,860 | 1,392 |
| 13,850 | 1,302 | 14,020 | 1,384 |
| 13,899 | 1,387 | 13,977 | 1,402 |
| 283 | 48 | 341 | 49 |

**Table NQP 9:** Communicating results (25%). 3000-Queens (40 cores)

**Caption:**

| mean |
|---|
| Standard Deviation |

sender solver

receiver solver

receiver solver not tacking into account the received information

non-communicating solver

| Time | Iter. |
|---|---|
| 10,340 | 1,369 |
| 10,600 | 1,297 |
| 9,350 | 1,324 |
| 9,370 | 1,374 |
| 11,110 | 1,254 |
| 14,830 | 1,213 |
| 10,170 | 1,358 |
| 10,370 | 1,284 |
| 11,000 | 1,214 |
| 9,680 | 1,315 |
| 14,080 | 1,260 |
| 9,980 | 1,300 |
| 14,050 | 1,220 |
| 9,080 | 1,361 |
| 12,940 | 1,335 |
| 14,130 | 1,277 |
| 8,840 | 1,190 |
| 14,180 | 1,189 |
| 14,300 | 1,171 |
| 10,110 | 1,290 |
| 11,990 | 1,237 |
| 11,850 | 1,269 |
| 10,750 | 1,258 |
| 14,860 | 1,198 |
| 11,540 | 1,404 |
| 14,300 | 1,210 |
| 9,480 | 1,335 |
| 10,210 | 1,202 |
| 10,440 | 1,362 |
| 12,760 | 1,193 |
| 11,556 | 1,275 |
| 1,965 | 67 |

**Table NQP 10:** Communicating results (Partial-full solvers). 3000-Queens (40 cores)

**Caption:**

| mean |
|---|
| Standard Deviation |

receiver solver

receiver solver not tacking into account the received information

| Sequential | | Parallel | |
|---|---|---|---|
| **Time** | **Iter.** | **Time** | **Iter.** |
| 25,860 | 1,859 | 25,300 | 1,871 |
| 25,610 | 1,947 | 25,870 | 1,932 |
| 26,140 | 1,874 | 25,010 | 1,861 |
| 25,980 | 1,893 | 25,040 | 1,928 |
| 26,200 | 1,937 | 25,450 | 1,902 |
| 25,430 | 1,904 | 26,390 | 1,862 |
| 25,800 | 1,930 | 25,800 | 1,912 |
| 25,900 | 1,887 | 25,580 | 1,892 |
| 25,690 | 1,948 | 25,950 | 1,951 |
| 25,600 | 1,885 | 25,050 | 1,952 |
| 25,450 | 1,885 | 25,060 | 1,832 |
| 25,310 | 1,914 | 25,430 | 1,935 |
| 25,670 | 1,901 | 25,290 | 1,840 |
| 25,110 | 1,908 | 25,560 | 1,858 |
| 25,680 | 1,934 | 25,690 | 1,881 |
| 25,540 | 1,883 | 25,150 | 1,891 |
| 26,140 | 1,890 | 25,850 | 1,867 |
| 25,100 | 1,903 | 26,090 | 1,907 |
| 25,390 | 1,866 | 26,060 | 1,895 |
| 25,640 | 1,949 | 25,320 | 1,905 |
| 25,130 | 1,877 | 25,970 | 1,936 |
| 25,310 | 1,908 | 25,640 | 1,914 |
| 25,820 | 1,901 | 24,150 | 1,855 |
| 25,070 | 1,853 | 25,990 | 1,914 |
| 26,170 | 1,929 | 26,040 | 1,895 |
| 25,210 | 1,931 | 24,920 | 1,928 |
| 25,210 | 1,882 | 25,000 | 1,915 |
| 26,090 | 1,890 | 24,490 | 1,871 |
| 25,600 | 1,855 | 25,760 | 1,956 |
| 26,310 | 1,877 | 24,930 | 1,873 |
| **25,639** | **1,900** | **25,461** | **1,898** |
| 369 | 28 | 515 | 34 |

**Table NQP 11:** Non-communicating results. 4000-Queens (40 cores)

**Caption:**

| mean |
|---|
| **Standard Deviation** |

| 100% - com. 1 to 1 | | 100% - com. 1 to N | |
|---|---|---|---|
| Time | Iter. | Time | Iter. |
| 25,530 | 1,812 | 24,790 | 1,878 |
| 25,080 | 1,717 | 24,940 | 1,768 |
| 25,470 | 1,794 | 25,200 | 1,771 |
| 25,040 | 1,902 | 25,100 | 1,829 |
| 24,940 | 1,815 | 24,730 | 1,881 |
| 24,740 | 1,858 | 25,420 | 1,676 |
| 24,960 | 1,854 | 25,510 | 1,756 |
| 24,330 | 1,811 | 25,580 | 1,876 |
| 24,970 | 1,836 | 26,130 | 1,849 |
| 25,360 | 1,863 | 25,010 | 1,890 |
| 24,630 | 1,888 | 25,410 | 1,891 |
| 25,260 | 1,818 | 24,710 | 1,820 |
| 25,460 | 1,684 | 24,850 | 1,868 |
| 25,710 | 1,827 | 25,620 | 1,928 |
| 25,090 | 1,825 | 25,170 | 1,758 |
| 25,340 | 1,877 | 24,900 | 1,885 |
| 24,900 | 1,912 | 25,450 | 1,761 |
| 25,310 | 1,866 | 25,360 | 1,840 |
| 25,940 | 1,789 | 26,280 | 1,890 |
| 24,470 | 1,861 | 24,940 | 1,910 |
| 25,710 | 1,849 | 25,700 | 1,870 |
| 24,960 | 1,810 | 24,480 | 1,910 |
| 25,050 | 1,737 | 24,160 | 1,925 |
| 24,550 | 1,786 | 24,830 | 1,925 |
| 24,840 | 1,878 | 24,640 | 1,730 |
| 25,550 | 1,945 | 24,760 | 1,786 |
| 25,000 | 1,890 | 25,790 | 1,835 |
| 25,540 | 1,773 | 25,200 | 1,784 |
| 24,850 | 1,879 | 25,450 | 1,829 |
| 24,730 | 1,849 | 25,080 | 1,824 |
| 25,110 | 1,834 | 25,173 | 1,838 |
| 396 | 58 | 475 | 65 |

**Table NQP 12:** Communicating results (100%). 4000-Queens (40 cores)

**Caption:**

| mean |
|---|
| Standard Deviation |

**sender solver**

**receiver solver**

**receiver solver not tacking into account the received information**

| 50% - com. 1 to 1 | | 50% - com. 1 to N | |
|---|---|---|---|
| **Time** | **Iter.** | **Time** | **Iter.** |
| 25,130 | 1,883 | 25,280 | 1,927 |
| 24,940 | 1,729 | 25,790 | 1,886 |
| 25,600 | 1,916 | 24,580 | 1,847 |
| 25,940 | 1,843 | 25,590 | 1,916 |
| 25,630 | 1,898 | 24,750 | 1,776 |
| 24,910 | 1,823 | 25,260 | 1,868 |
| 24,360 | 1,765 | 26,030 | 1,864 |
| 25,590 | 1,897 | 24,970 | 1,805 |
| 24,700 | 1,849 | 25,880 | 1,775 |
| 25,540 | 1,866 | 24,910 | 1,864 |
| 25,140 | 1,846 | 25,150 | 1,870 |
| 25,860 | 1,897 | 25,340 | 1,878 |
| 25,030 | 1,806 | 25,850 | 1,952 |
| 25,620 | 1,928 | 24,670 | 1,908 |
| 24,130 | 1,792 | 25,010 | 1,848 |
| 24,360 | 1,850 | 25,500 | 1,876 |
| 24,490 | 1,864 | 25,070 | 1,871 |
| 25,010 | 1,824 | 25,100 | 1,860 |
| 25,730 | 1,925 | 25,210 | 1,802 |
| 25,330 | 1,920 | 25,970 | 1,780 |
| 25,640 | 1,807 | 25,370 | 1,852 |
| 24,920 | 1,865 | 25,140 | 1,914 |
| 25,670 | 1,798 | 25,750 | 1,796 |
| 24,310 | 1,859 | 24,730 | 1,731 |
| 25,420 | 1,887 | 24,660 | 1,756 |
| 24,990 | 1,820 | 25,480 | 1,934 |
| 24,980 | 1,815 | 24,920 | 1,927 |
| 25,010 | 1,891 | 25,380 | 1,693 |
| 25,680 | 1,871 | 25,770 | 1,936 |
| 24,790 | 1,909 | 25,720 | 1,812 |
| **25,148** | **1,855** | **25,294** | **1,851** |
| 505 | 50 | 424 | 66 |

**Table NQP 13:** Communicating results (50%). 4000-Queens (40 cores)

**Caption:**

| mean |
| Standard Deviation |

sender solver

receiver solver

receiver solver not tacking into account the received information

non-communicating solver

| 25% - com. 1 to 1 | | 25% - com. 1 to N | |
|---|---|---|---|
| Time | Iter. | Time | Iter. |
| 23,940 | 1,912 | 25,340 | 1,872 |
| 25,740 | 1,900 | 24,900 | 1,863 |
| 25,770 | 1,909 | 25,700 | 1,931 |
| 25,620 | 1,933 | 25,100 | 1,834 |
| 25,670 | 1,835 | 25,670 | 1,858 |
| 25,790 | 1,851 | 24,120 | 1,740 |
| 24,130 | 1,852 | 24,550 | 1,930 |
| 25,900 | 1,884 | 25,260 | 1,881 |
| 25,670 | 1,835 | 25,920 | 1,935 |
| 25,190 | 1,833 | 25,720 | 1,893 |
| 24,940 | 1,922 | 26,050 | 1,904 |
| 25,620 | 1,845 | 26,060 | 1,849 |
| 25,410 | 1,901 | 25,610 | 1,848 |
| 24,850 | 1,889 | 24,470 | 1,882 |
| 24,270 | 1,888 | 25,710 | 1,909 |
| 24,550 | 1,794 | 25,570 | 1,962 |
| 25,700 | 1,853 | 25,270 | 1,896 |
| 25,570 | 1,909 | 24,440 | 1,844 |
| 24,680 | 1,877 | 24,210 | 1,885 |
| 25,340 | 1,911 | 25,550 | 1,872 |
| 26,530 | 1,808 | 25,350 | 1,730 |
| 25,690 | 1,899 | 25,520 | 1,891 |
| 25,340 | 1,758 | 25,800 | 1,876 |
| 26,020 | 1,904 | 25,700 | 1,845 |
| 25,090 | 1,838 | 25,520 | 1,903 |
| 24,330 | 1,799 | 25,250 | 1,853 |
| 25,640 | 1,882 | 24,070 | 1,844 |
| 25,260 | 1,840 | 25,440 | 1,829 |
| 25,530 | 1,889 | 25,540 | 1,773 |
| 24,270 | 1,894 | 25,690 | 1,883 |
| 25,268 | 1,868 | 25,303 | 1,867 |
| 635 | 43 | 570 | 52 |

**Table NQP 14:** Communicating results (25%). 4000-Queens (40 cores)

Caption:

| mean |
|---|
| Standard Deviation |

sender solver

receiver solver

receiver solver not tacking into account the received information

non-communicating solver

| Time | Iter. |
|---|---|
| 18,490 | 1,635 |
| 23,080 | 1,761 |
| 25,490 | 1,555 |
| 17,000 | 1,708 |
| 25,290 | 1,349 |
| 25,660 | 1,496 |
| 19,870 | 1,710 |
| 24,870 | 1,630 |
| 16,660 | 1,714 |
| 21,990 | 1,708 |
| 16,680 | 1,605 |
| 16,360 | 1,803 |
| 25,250 | 1,690 |
| 15,840 | 1,764 |
| 18,330 | 1,681 |
| 15,980 | 1,734 |
| 25,920 | 1,550 |
| 24,890 | 1,671 |
| 25,520 | 1,618 |
| 24,500 | 1,475 |
| 17,230 | 1,712 |
| 25,300 | 1,656 |
| 24,520 | 1,723 |
| 22,670 | 1,730 |
| 20,920 | 1,574 |
| 17,810 | 1,789 |
| 16,100 | 1,758 |
| 23,600 | 1,773 |
| 23,700 | 1,468 |
| 18,660 | 1,644 |
| 21,273 | 1,656 |
| 3,767 | 108 |

**Table NQP 15:** Communicating results (Partial-full solvers). 4000-Queens (40 cores)

**Caption:**

| mean |
|---|
| **Standard Deviation** |

**receiver solver**

**receiver solver not tacking into account the received information**

| Sequential | | Parallel | |
|---|---|---|---|
| **Time** | **Iter.** | **Time** | **Iter.** |
| 41,270 | 2,350 | 40,360 | 2,386 |
| 41,370 | 2,384 | 40,370 | 2,365 |
| 42,150 | 2,362 | 41,280 | 2,346 |
| 41,190 | 2,426 | 40,400 | 2,348 |
| 41,260 | 2,356 | 40,850 | 2,401 |
| 40,980 | 2,351 | 41,140 | 2,381 |
| 41,300 | 2,362 | 40,550 | 2,355 |
| 41,400 | 2,304 | 38,160 | 2,387 |
| 41,890 | 2,330 | 40,820 | 2,436 |
| 40,220 | 2,381 | 41,930 | 2,335 |
| 41,540 | 2,403 | 41,030 | 2,372 |
| 41,170 | 2,381 | 41,660 | 2,414 |
| 41,250 | 2,345 | 41,430 | 2,404 |
| 41,130 | 2,363 | 40,800 | 2,398 |
| 41,710 | 2,379 | 41,250 | 2,367 |
| 41,480 | 2,321 | 40,440 | 2,357 |
| 40,990 | 2,375 | 40,350 | 2,420 |
| 41,770 | 2,350 | 40,680 | 2,389 |
| 41,210 | 2,406 | 40,930 | 2,317 |
| 40,940 | 2,347 | 39,670 | 2,391 |
| 41,910 | 2,359 | 39,190 | 2,339 |
| 41,520 | 2,399 | 39,950 | 2,411 |
| 40,590 | 2,391 | 38,470 | 2,398 |
| 41,260 | 2,366 | 41,180 | 2,404 |
| 41,720 | 2,353 | 41,260 | 2,347 |
| 41,790 | 2,350 | 39,950 | 2,310 |
| 40,700 | 2,404 | 39,710 | 2,406 |
| 41,780 | 2,377 | 42,130 | 2,418 |
| 41,720 | 2,375 | 41,300 | 2,370 |
| 42,150 | 2,367 | 40,130 | 2,340 |
| **41,379** | **2,367** | **40,579** | **2,377** |
| 446 | 26 | 914 | 32 |

**Table NQP 16:** Non-communicating results. 5000-Queens (40 cores)

**Caption:**

| mean |
|---|
| **Standard Deviation** |

| 100% - com. 1 to 1 | | 100% - com. 1 to N | |
|---|---|---|---|
| Time | Iter. | Time | Iter. |
| 37,950 | 2,296 | 39,240 | 2,228 |
| 39,710 | 2,299 | 39,400 | 2,295 |
| 38,270 | 2,181 | 38,410 | 2,301 |
| 37,320 | 2,237 | 40,120 | 2,313 |
| 41,220 | 2,289 | 40,500 | 2,296 |
| 39,310 | 2,228 | 40,960 | 2,353 |
| 40,760 | 2,364 | 39,660 | 2,360 |
| 39,150 | 2,292 | 39,200 | 2,326 |
| 39,620 | 2,275 | 39,280 | 2,265 |
| 40,860 | 2,273 | 41,440 | 2,355 |
| 38,360 | 2,332 | 40,360 | 2,305 |
| 38,760 | 2,344 | 39,410 | 2,315 |
| 40,470 | 2,281 | 39,940 | 2,211 |
| 39,500 | 2,313 | 40,700 | 2,255 |
| 39,840 | 2,313 | 40,670 | 2,246 |
| 40,630 | 2,324 | 40,220 | 2,208 |
| 38,270 | 2,371 | 39,830 | 2,277 |
| 39,570 | 2,223 | 39,150 | 2,276 |
| 38,740 | 2,297 | 40,660 | 2,191 |
| 37,690 | 2,232 | 39,930 | 2,304 |
| 39,280 | 2,272 | 40,100 | 2,306 |
| 40,160 | 2,270 | 38,920 | 2,238 |
| 39,570 | 2,320 | 39,250 | 2,260 |
| 41,330 | 2,258 | 38,960 | 2,266 |
| 40,550 | 2,255 | 40,920 | 2,361 |
| 40,990 | 2,322 | 40,190 | 2,341 |
| 40,080 | 2,239 | 39,220 | 2,241 |
| 40,240 | 2,299 | 39,570 | 2,304 |
| 40,120 | 2,274 | 40,400 | 2,395 |
| 40,270 | 2,337 | 39,830 | 2,328 |
| 39,620 | 2,287 | 39,881 | 2,291 |
| 1,074 | 44 | 717 | 51 |

**Table NQP 17:** Communicating results (100%). 5000-Queens (40 cores)

**Caption:**

| mean |
|---|
| Standard Deviation |

sender solver

receiver solver

receiver solver not tacking into account the received information

| 50% - com. 1 to 1 | | 50% - com. 1 to N | |
|---|---|---|---|
| Time | Iter. | Time | Iter. |
| 41,200 | 2,379 | 40,390 | 2,300 |
| 40,910 | 2,207 | 40,320 | 2,380 |
| 40,020 | 2,287 | 40,800 | 2,307 |
| 40,330 | 2,365 | 40,230 | 2,297 |
| 40,510 | 2,402 | 40,710 | 2,304 |
| 40,670 | 2,396 | 40,090 | 2,332 |
| 38,420 | 2,145 | 40,930 | 2,388 |
| 40,170 | 2,367 | 40,880 | 2,283 |
| 40,430 | 2,304 | 40,510 | 2,176 |
| 40,490 | 2,184 | 40,810 | 2,275 |
| 39,570 | 2,316 | 40,820 | 2,335 |
| 40,590 | 2,306 | 40,010 | 2,276 |
| 40,410 | 2,300 | 39,810 | 2,211 |
| 41,390 | 2,348 | 39,890 | 2,260 |
| 40,320 | 2,326 | 40,410 | 2,302 |
| 40,890 | 2,359 | 41,030 | 2,385 |
| 40,580 | 2,250 | 39,660 | 2,333 |
| 40,420 | 2,254 | 39,940 | 2,319 |
| 40,880 | 2,291 | 40,990 | 2,381 |
| 39,680 | 2,364 | 41,330 | 2,321 |
| 40,680 | 2,290 | 40,120 | 2,294 |
| 39,940 | 2,192 | 41,150 | 2,286 |
| 39,020 | 2,401 | 38,910 | 2,333 |
| 40,750 | 2,374 | 40,060 | 2,390 |
| 39,710 | 2,347 | 41,030 | 2,297 |
| 40,130 | 2,319 | 39,620 | 2,246 |
| 39,920 | 2,304 | 40,280 | 2,358 |
| 39,810 | 2,331 | 40,820 | 2,221 |
| 40,730 | 2,237 | 39,690 | 2,391 |
| 41,570 | 2,409 | 39,940 | 2,388 |
| 40,338 | 2,312 | 40,373 | 2,312 |
| 661 | 69 | 565 | 56 |

**Table NQP 18:** Communicating results (50%). 5000-Queens (40 cores)

**Caption:**

| mean |
|---|
| Standard Deviation |

sender solver

receiver solver

receiver solver not tacking into account the received information

non-communicating solver

| 25% - com. 1 to 1 | | 25% - com. 1 to N | |
|---|---|---|---|
| Time | Iter. | Time | Iter. |
| 41,120 | 2,333 | 41,450 | 2,321 |
| 41,560 | 2,270 | 38,980 | 2,346 |
| 40,060 | 2,195 | 39,330 | 2,167 |
| 41,700 | 2,419 | 40,920 | 2,319 |
| 41,590 | 2,220 | 40,550 | 2,425 |
| 40,300 | 2,422 | 41,140 | 2,400 |
| 40,260 | 2,268 | 40,530 | 2,364 |
| 40,990 | 2,320 | 38,890 | 2,336 |
| 39,770 | 2,405 | 41,030 | 2,454 |
| 40,040 | 2,213 | 41,320 | 2,251 |
| 39,030 | 2,364 | 40,580 | 2,123 |
| 40,450 | 2,235 | 40,540 | 2,405 |
| 38,210 | 2,259 | 40,950 | 2,281 |
| 38,900 | 2,408 | 41,460 | 2,364 |
| 41,230 | 2,338 | 41,290 | 2,245 |
| 41,000 | 2,368 | 39,340 | 2,368 |
| 39,680 | 2,377 | 40,430 | 2,313 |
| 41,570 | 2,347 | 39,970 | 2,188 |
| 39,580 | 2,417 | 41,390 | 2,367 |
| 40,420 | 2,244 | 40,520 | 2,289 |
| 40,710 | 2,306 | 39,100 | 2,356 |
| 39,180 | 2,304 | 40,380 | 2,382 |
| 39,280 | 2,357 | 39,870 | 2,420 |
| 40,290 | 2,430 | 40,220 | 2,423 |
| 39,870 | 2,356 | 40,640 | 2,359 |
| 41,010 | 2,336 | 40,250 | 2,380 |
| 41,590 | 2,402 | 41,700 | 2,454 |
| 40,090 | 2,415 | 40,340 | 2,367 |
| 41,650 | 2,405 | 39,260 | 2,342 |
| 40,420 | 2,400 | 41,210 | 2,344 |
| 40,385 | 2,338 | 40,453 | 2,338 |
| 930 | 71 | 807 | 80 |

**Table NQP 19:** Communicating results (25%). 5000-Queens (40 cores)

Caption:

| mean |
| Standard Deviation |

**sender solver**

**receiver solver**

**receiver solver not tacking into account the received information**

**non-communicating solver**

| Time | Iter. |
|---|---|
| 40,090 | 2,135 |
| 38,090 | 2,058 |
| 25,270 | 2,155 |
| 39,390 | 1,895 |
| 39,880 | 2,149 |
| 26,480 | 2,192 |
| 38,030 | 2,090 |
| 35,710 | 2,002 |
| 39,180 | 1,910 |
| 33,100 | 2,052 |
| 37,230 | 2,192 |
| 38,000 | 2,133 |
| 26,350 | 2,232 |
| 30,290 | 2,099 |
| 39,440 | 1,800 |
| 36,560 | 2,216 |
| 39,660 | 2,059 |
| 38,050 | 1,918 |
| 30,500 | 2,098 |
| 38,450 | 2,004 |
| 39,620 | 2,203 |
| 33,930 | 2,191 |
| 37,370 | 2,103 |
| 39,980 | 1,910 |
| 30,640 | 2,093 |
| 30,090 | 2,059 |
| 27,900 | 2,189 |
| 31,410 | 2,084 |
| 25,620 | 2,134 |
| 37,070 | 2,105 |
| 34,779 | 2,082 |
| 4,993 | 108 |

**Table NQP 20:** Communicating results (Partial-full solvers). 5000-Queens (40 cores)

Caption:

| mean |
|---|
| Standard Deviation |

receiver solver

receiver solver not tacking into account the received information

| Sequential | | Parallel | |
|---|---|---|---|
| Time | Iter. | Time | Iter. |
| 60,450 | 2,865 | 59,280 | 2,816 |
| 60,590 | 2,860 | 59,410 | 2,941 |
| 60,880 | 2,845 | 59,380 | 2,883 |
| 60,660 | 2,827 | 60,960 | 2,803 |
| 59,560 | 2,820 | 60,950 | 2,893 |
| 60,340 | 2,910 | 60,110 | 2,840 |
| 59,910 | 2,864 | 61,710 | 2,893 |
| 61,480 | 2,850 | 59,530 | 2,792 |
| 60,670 | 2,839 | 60,270 | 2,841 |
| 60,360 | 2,811 | 59,700 | 2,848 |
| 61,030 | 2,818 | 59,940 | 2,844 |
| 60,670 | 2,842 | 60,390 | 2,904 |
| 60,440 | 2,904 | 59,590 | 2,843 |
| 59,830 | 2,889 | 60,640 | 2,774 |
| 60,190 | 2,852 | 59,660 | 2,817 |
| 60,900 | 2,826 | 59,770 | 2,843 |
| 59,950 | 2,834 | 60,680 | 2,807 |
| 59,830 | 2,810 | 59,250 | 2,817 |
| 61,340 | 2,861 | 59,280 | 2,931 |
| 60,070 | 2,810 | 60,850 | 2,865 |
| 59,870 | 2,819 | 60,040 | 2,843 |
| 60,390 | 2,857 | 59,880 | 2,863 |
| 60,650 | 2,794 | 60,760 | 2,847 |
| 60,480 | 2,824 | 59,220 | 2,875 |
| 60,590 | 2,807 | 60,480 | 2,833 |
| 60,590 | 2,806 | 60,220 | 2,854 |
| 61,220 | 2,865 | 59,680 | 2,794 |
| 59,290 | 2,810 | 60,380 | 2,782 |
| 59,800 | 2,787 | 61,790 | 2,912 |
| 60,690 | 2,802 | 59,360 | 2,871 |
| **60,424** | **2,837** | **60,105** | **2,849** |
| 522 | 31 | 709 | 43 |

**Table NQP 21:** Non-communicating results. 6000-Queens (40 cores)

| Caption: | mean |
|---|---|
| | Standard Deviation |

| 100% - com. 1 to 1 | | 100% - com. 1 to N | |
|---|---|---|---|
| **Time** | **Iter.** | **Time** | **Iter.** |
| 59,830 | 2,725 | 57,960 | 2,868 |
| 58,510 | 2,707 | 59,790 | 2,810 |
| 60,590 | 2,660 | 58,260 | 2,748 |
| 59,080 | 2,813 | 58,910 | 2,729 |
| 58,390 | 2,772 | 58,270 | 2,690 |
| 59,650 | 2,769 | 56,310 | 2,656 |
| 57,350 | 2,550 | 59,980 | 2,811 |
| 56,450 | 2,602 | 57,280 | 2,739 |
| 57,050 | 2,792 | 62,020 | 2,703 |
| 58,520 | 2,824 | 57,810 | 2,833 |
| 61,190 | 2,650 | 59,850 | 2,759 |
| 61,550 | 2,820 | 60,320 | 2,780 |
| 59,050 | 2,773 | 59,110 | 2,801 |
| 60,310 | 2,664 | 60,290 | 2,855 |
| 60,130 | 2,764 | 57,650 | 2,794 |
| 58,640 | 2,758 | 59,350 | 2,811 |
| 59,690 | 2,777 | 58,120 | 2,821 |
| 56,860 | 2,604 | 56,530 | 2,752 |
| 59,270 | 2,668 | 58,790 | 2,680 |
| 57,200 | 2,583 | 59,840 | 2,772 |
| 60,680 | 2,757 | 60,760 | 2,740 |
| 58,340 | 2,670 | 58,520 | 2,853 |
| 59,600 | 2,712 | 60,060 | 2,744 |
| 57,850 | 2,814 | 60,760 | 2,837 |
| 58,080 | 2,761 | 61,500 | 2,853 |
| 59,020 | 2,762 | 59,140 | 2,773 |
| 59,970 | 2,703 | 58,840 | 2,688 |
| 59,870 | 2,812 | 59,390 | 2,796 |
| 56,510 | 2,824 | 58,540 | 2,741 |
| 60,120 | 2,793 | 60,860 | 2,749 |
| **58,978** | **2,729** | **59,160** | **2,773** |
| 1,380 | 78 | 1,378 | 57 |

**Table NQP 22:** Communicating results (100%). 6000-Queens (40 cores)

**Caption:**

| mean |
|---|
| Standard Deviation |

sender solver

receiver solver

receiver solver not tacking into account the received information

| 50% - com. 1 to 1 | | 50% - com. 1 to N | |
|---|---|---|---|
| Time | Iter. | Time | Iter. |
| 57,800 | 2,822 | 57,350 | 2,862 |
| 59,720 | 2,728 | 58,890 | 2,820 |
| 59,100 | 2,851 | 61,070 | 2,864 |
| 59,870 | 2,850 | 59,120 | 2,928 |
| 58,160 | 2,738 | 59,720 | 2,808 |
| 60,200 | 2,881 | 60,720 | 2,742 |
| 59,050 | 2,817 | 59,020 | 2,765 |
| 59,280 | 2,659 | 60,250 | 2,802 |
| 58,240 | 2,722 | 60,500 | 2,811 |
| 60,980 | 2,754 | 60,010 | 2,804 |
| 57,200 | 2,664 | 58,010 | 2,802 |
| 57,550 | 2,726 | 60,950 | 2,673 |
| 61,860 | 2,890 | 60,720 | 2,658 |
| 59,500 | 2,757 | 58,270 | 2,841 |
| 59,380 | 2,732 | 59,490 | 2,650 |
| 58,550 | 2,758 | 59,890 | 2,696 |
| 57,240 | 2,863 | 60,060 | 2,778 |
| 57,580 | 2,829 | 59,940 | 2,680 |
| 59,120 | 2,787 | 59,740 | 2,672 |
| 60,660 | 2,630 | 59,980 | 2,759 |
| 59,700 | 2,812 | 60,350 | 2,784 |
| 58,060 | 2,780 | 58,100 | 2,832 |
| 57,330 | 2,851 | 57,760 | 2,692 |
| 57,580 | 2,676 | 58,500 | 2,784 |
| 58,090 | 2,769 | 60,320 | 2,805 |
| 58,540 | 2,740 | 59,570 | 2,713 |
| 59,480 | 2,763 | 60,070 | 2,776 |
| 60,020 | 2,805 | 58,550 | 2,803 |
| 59,870 | 2,755 | 59,570 | 2,838 |
| 59,640 | 2,826 | 59,560 | 2,750 |
| **58,978** | **2,775** | **59,535** | **2,773** |
| 1,190 | 67 | 984 | 69 |

**Table NQP 23:** Communicating results (50%). 6000-Queens (40 cores)

**Caption:**

| mean |
|---|
| Standard Deviation |

sender solver

receiver solver

receiver solver not tacking into account the received information

non-communicating solver

| 25% - com. 1 to 1 | | 25% - com. 1 to N | |
|---|---|---|---|
| Time | Iter. | Time | Iter. |
| 58,670 | 2,657 | 60,790 | 2,752 |
| 59,340 | 2,825 | 58,690 | 2,877 |
| 57,600 | 2,814 | 60,940 | 2,839 |
| 59,410 | 2,680 | 60,750 | 2,863 |
| 60,050 | 2,755 | 59,480 | 2,790 |
| 59,290 | 2,826 | 62,360 | 2,882 |
| 60,380 | 2,772 | 60,040 | 2,871 |
| 56,360 | 2,640 | 59,820 | 2,805 |
| 60,220 | 2,684 | 58,820 | 2,739 |
| 60,790 | 2,789 | 60,350 | 2,792 |
| 61,930 | 2,828 | 58,060 | 2,890 |
| 57,780 | 2,819 | 58,460 | 2,766 |
| 59,530 | 2,874 | 59,800 | 2,847 |
| 60,380 | 2,902 | 60,890 | 2,719 |
| 58,050 | 2,814 | 56,810 | 2,873 |
| 59,410 | 2,790 | 59,200 | 2,878 |
| 62,810 | 2,884 | 59,890 | 2,800 |
| 59,600 | 2,863 | 58,280 | 2,815 |
| 59,540 | 2,694 | 59,920 | 2,830 |
| 59,300 | 2,860 | 59,720 | 2,835 |
| 58,920 | 2,895 | 59,370 | 2,778 |
| 58,940 | 2,871 | 62,070 | 2,888 |
| 59,830 | 2,861 | 56,560 | 2,761 |
| 58,140 | 2,657 | 57,810 | 2,771 |
| 56,860 | 2,756 | 60,610 | 2,847 |
| 59,160 | 2,781 | 58,190 | 2,878 |
| 60,060 | 2,838 | 62,320 | 2,864 |
| 59,520 | 2,713 | 61,630 | 2,824 |
| 57,800 | 2,788 | 61,340 | 2,801 |
| 58,960 | 2,892 | 60,140 | 2,851 |
| 59,288 | 2,794 | 59,770 | 2,824 |
| 1,340 | 78 | 1,500 | 49 |

**Table NQP 24:** Communicating results (25%). 6000-Queens (40 cores)

**Caption:**

| mean |
|---|
| Standard Deviation |

sender solver

receiver solver

receiver solver not tacking into account the received information

non-communicating solver

| Time | Iter. |
|---|---|
| 59,000 | 2,406 |
| 54,190 | 2,511 |
| 46,540 | 2,417 |
| 52,710 | 2,588 |
| 48,020 | 2,546 |
| 54,890 | 2,648 |
| 47,130 | 2,724 |
| 55,980 | 2,529 |
| 56,040 | 2,574 |
| 50,920 | 2,734 |
| 41,560 | 2,515 |
| 56,900 | 2,186 |
| 52,780 | 2,451 |
| 51,170 | 2,479 |
| 50,760 | 2,367 |
| 51,710 | 2,276 |
| 56,300 | 2,691 |
| 48,700 | 2,737 |
| 59,710 | 2,555 |
| 45,980 | 2,807 |
| 41,860 | 2,497 |
| 54,060 | 2,440 |
| 43,060 | 2,509 |
| 59,310 | 2,200 |
| 57,750 | 2,405 |
| 57,650 | 2,127 |
| 47,270 | 2,525 |
| 57,200 | 2,285 |
| 38,870 | 2,810 |
| 53,800 | 2,503 |
| 51,727 | 2,501 |
| 5,737 | 176 |

**Table NQP 25:** Communicating results (Partial-full solvers). 6000-Queens (40 cores)

| Caption: | | |
|---|---|---|
| | mean | |
| | Standard Deviation | |

receiver solver

receiver solver not tacking into account the received information