| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| Urq3_5 | 1–1 | 0.001–0.001 | 1–1 | 0.001–0.001 | 1–1 | 0.001–0.001 | 1–1 | 0.001–0.001 | 1–1 | 0.001–0.001 |
| Urq4_5 | 1–1 | 0.001–0.001 | 1–1 | 0.001–0.001 | 1–1 | 0.001–0.001 | 1–1 | 0.001–0.001 | 1–1 | 0.001–0.001 |
| Urq5_5 | 1–1 | 0.02–0.02 | 1–1 | 0.02–0.02 | 1–1 | 0.001–0.01 | 1–1 | 0.001–0.01 | 1–1 | 0.001–0.01 |
| Urq6_5 | 1–1 | 0.05–0.06 | 1–1 | 0.05–0.06 | 1–1 | 0.001–0.01 | 1–1 | 0.001–0.01 | 1–1 | 0.001–0.01 |
| Urq7_5 | 1–1 | 0.08–0.08 | 1–1 | 0.08–0.09 | 1–1 | 0.01–0.02 | 1–1 | 0.001–0.02 | 1–1 | 0.01–0.02 |
| Urq8_5 | 1–1 | 0.44–0.44 | 1–1 | 0.44–0.46 | 1–1 | 0.02–0.02 | 1–1 | 0.02–0.02 | 1–1 | 0.02–0.03 |
| ag2-2 | 7–9 | 0.001–0.001 | 7–9 | 0.001–0.001 | 7–9 | 0.001–0.001 | 7–9 | 0.001–0.001 | 10–10 | 0.001–0.001 |
| ag2-3 | 11–14 | 0.001–0.001 | 11–14 | 0.001–0.001 | 11–14 | 0.001–0.001 | 11–14 | 0.001–0.001 | 21–21 | 0.001–0.001 |
| ag2-4 | 17–24 | 0.001–0.001 | 17–24 | 0.001–0.001 | 17–24 | 0.001–0.001 | 17–24 | 0.001–0.001 | 43–53 | 0.001–0.001 |
| ag2-5 | 11–17 | 0.001–0.001 | 11–17 | 0.001–0.001 | 11–17 | 0.001–0.001 | 11–17 | 0.001–0.001 | 238–1598 | 0.001–0.01 |
| ag2-7 | 11–12 | 0.001–0.001 | 11–12 | 0.001–0.001 | 11–12 | 0.001–0.001 | 11–12 | 0.001–0.001 | 205789–1368615 | 2.35–17.60 |
| ag2-8 | 35–62 | 0.001–0.001 | 34–53 | 0.001–0.001 | 35–62 | 0.001–0.001 | 27–45 | 0.001–0.001 | 8968903–27976197 | 165.79–514.20 |
| ag2-9 | 23–36 | 0.001–0.001 | 20–36 | 0.001–0.001 | 23–36 | 0.001–0.001 | 21–30 | 0.001–0.001 | ?–? | 599.80–599.92 |
| ag2-11 | 11–13 | 0.001–0.001 | 11–13 | 0.001–0.001 | 11–13 | 0.001–0.001 | 11–13 | 0.001–0.001 | ?–? | 599.84–600.03 |
| ag2-13 | 11–15 | 0.001–0.001 | 11–15 | 0.001–0.001 | 11–15 | 0.001–0.01 | 11–15 | 0.001–0.01 | ?–? | 599.80–599.90 |
| ag2-16 | 130–348 | 0.08–0.20 | 110–227 | 0.06–0.13 | 130–348 | 0.02–0.03 | 91–232 | 0.01–0.03 | ?–? | 599.79–599.89 |
| ag2-17 | 11–14 | 0.001–0.01 | 11–14 | 0.001–0.01 | 11–14 | 0.01–0.02 | 11–14 | 0.01–0.02 | ?–? | 599.91–600.03 |
| ag2-19 | 11–14 | 0.01–0.02 | 11–14 | 0.01–0.02 | 11–14 | 0.01–0.02 | 11–14 | 0.02–0.02 | ?–? | 599.96–600.02 |
| ag2-23 | 11–13 | 0.02–0.03 | 11–13 | 0.02–0.04 | 11–13 | 0.03–0.04 | 11–13 | 0.03–0.05 | ?–? | 599.82–599.98 |
| ag2-25 | 45–78 | 0.12–0.19 | 37–56 | 0.11–0.15 | 45–78 | 0.05–0.07 | 34–59 | 0.06–0.08 | ?–? | 599.76–599.92 |
| ag2-27 | 373–1044 | 1.42–4.06 | 298–690 | 1.12–2.68 | 373–1044 | 0.07–0.12 | 279–541 | 0.08–0.16 | ?–? | 599.63–600.03 |
| ag2-29 | 11–15 | 0.06–0.08 | 11–15 | 0.06–0.10 | 11–15 | 0.06–0.10 | 11–15 | 0.06–0.11 | ?–? | 599.90–600.03 |
| ag2-31 | 11–15 | 0.07–0.12 | 11–15 | 0.08–0.11 | 11–15 | 0.08–0.10 | 11–15 | 0.07–0.15 | ?–? | 599.72–599.96 |
| ag2-32 | 557–1202 | 4.26–9.20 | 376–750 | 2.89–5.79 | 557–1202 | 0.13–0.20 | 312–774 | 0.17–0.24 | ?–? | 599.88–600.00 |
| ag2-37 | 11–13 | 0.12–0.16 | 11–13 | 0.12–0.18 | 11–13 | 0.12–0.18 | 11–13 | 0.13–0.18 | ?–? | 599.89–600.03 |
| ag2-41 | 11–13 | 0.23–0.37 | 11–13 | 0.24–0.30 | 11–13 | 0.20–0.23 | 11–13 | 0.20–0.24 | ?–? | 599.93–599.98 |
| ag2-43 | 11–15 | 0.27–0.36 | 11–15 | 0.28–0.38 | 11–15 | 0.22–0.29 | 11–15 | 0.22–0.29 | ?–? | 599.95–600.03 |
| ag2-47 | 11–14 | 0.40–0.53 | 11–14 | 0.40–0.54 | 11–14 | 0.28–0.38 | 11–14 | 0.29–0.38 | ?–? | 599.97–600.00 |
| ag2-49 | 57–135 | 2.75–5.54 | 57–117 | 2.76–4.77 | 57–135 | 0.44–0.64 | 55–96 | 0.44–0.73 | ?–? | 599.98–600.01 |
| cfi-20 | 141–186 | 0.04–0.04 | 171–294 | 0.04–0.05 | 143–175 | 0.001–0.01 | 161–301 | 0.001–0.02 | 5553–17592 | 0.04–0.12 |
| cfi-22 | 156–198 | 0.05–0.06 | 199–291 | 0.06–0.06 | 167–198 | 0.001–0.01 | 218–329 | 0.001–0.02 | 8445–35543 | 0.06–0.22 |
| cfi-24 | 183–213 | 0.09–0.10 | 192–369 | 0.10–0.11 | 188–200 | 0.001–0.02 | 220–320 | 0.001–0.02 | 10820–38843 | 0.08–0.26 |
| cfi-26 | 204–241 | 0.10–0.11 | 234–428 | 0.10–0.12 | 212–232 | 0.001–0.02 | 224–464 | 0.01–0.02 | 16991–72420 | 0.13–0.49 |
| cfi-28 | 234–249 | 0.12–0.14 | 264–413 | 0.14–0.16 | 224–282 | 0.01–0.02 | 302–427 | 0.01–0.03 | 56576–165953 | 0.44–1.25 |
| cfi-30 | 254–281 | 0.20–0.30 | 349–503 | 0.22–0.25 | 257–281 | 0.01–0.02 | 301–466 | 0.01–0.03 | 58002–222422 | 0.46–1.63 |
| cfi-32 | 280–297 | 0.24–0.25 | 295–519 | 0.26–0.30 | 273–293 | 0.01–0.03 | 325–557 | 0.01–0.04 | 64839–405922 | 0.54–3.08 |
| cfi-34 | 299–349 | 0.30–0.31 | 378–665 | 0.34–0.40 | 294–362 | 0.01–0.03 | 439–642 | 0.02–0.04 | 172720–1111988 | 1.42–8.58 |
| cfi-36 | 311–389 | 0.36–0.38 | 345–705 | 0.40–0.48 | 316–382 | 0.01–0.04 | 326–648 | 0.02–0.04 | 90247–426018 | 0.77–3.45 |
| cfi-38 | 334–376 | 0.43–0.44 | 409–719 | 0.49–0.57 | 331–379 | 0.02–0.04 | 520–735 | 0.02–0.06 | 367571–1945125 | 3.29–16.30 |
| cfi-40 | 377–468 | 0.51–0.53 | 564–822 | 0.61–0.69 | 375–454 | 0.02–0.04 | 539–904 | 0.03–0.08 | 711604–5525210 | 6.52–45.97 |
| cfi-42 | 402–508 | 0.61–0.66 | 566–935 | 0.72–0.84 | 412–489 | 0.02–0.05 | 580–941 | 0.04–0.08 | 1085085–9362133 | 9.90–81.74 |
| cfi-44 | 436–465 | 0.69–0.71 | 631–1302 | 0.82–1.04 | 425–521 | 0.02–0.06 | 461–959 | 0.02–0.08 | 650208–8674886 | 5.82–72.59 |
| cfi-46 | 469–680 | 0.81–0.84 | 574–1176 | 0.95–1.15 | 460–574 | 0.02–0.07 | 607–1143 | 0.03–0.09 | 3111019–21237514 | 28.81–192.32 |
| cfi-48 | 492–597 | 0.93–0.96 | 651–1037 | 1.08–1.26 | 485–647 | 0.03–0.07 | 679–1090 | 0.04–0.10 | 3151781–41424697 | 29.02–371.92 |
| cfi-50 | 529–621 | 1.06–1.09 | 694–1416 | 1.29–1.54 | 535–626 | 0.03–0.08 | 780–1372 | 0.04–0.12 | 4268107–52694093 | 41.93–503.83 |
| cfi-52 | 563–657 | 1.22–1.26 | 795–1496 | 1.50–1.83 | 561–644 | 0.04–0.09 | 821–1455 | 0.05–0.13 | 7860100–? | 76.36–599.98 |
| cfi-54 | 577–639 | 1.37–1.40 | 637–1645 | 1.58–2.12 | 567–658 | 0.03–0.09 | 1068–1583 | 0.07–0.14 | 27248600–? | 275.78–599.94 |
| cfi-56 | 626–763 | 1.82–1.86 | 751–1646 | 2.12–2.59 | 641–761 | 0.04–0.11 | 863–2089 | 0.06–0.18 | 48497756–? | 512.09–599.87 |
| cfi-58 | 650–777 | 2.13–2.19 | 1054–1551 | 2.61–2.94 | 677–711 | 0.06–0.12 | 1062–1611 | 0.08–0.16 | ?–? | 599.30–599.99 |
| cfi-60 | 707–823 | 1.90–1.97 | 848–2766 | 2.31–3.56 | 694–822 | 0.05–0.12 | 1258–1949 | 0.08–0.18 | ?–? | 600.00–600.03 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| cfi-62 | 732–782 | 2.19–2.25 | 1132–2345 | 2.76–3.68 | 751–792 | 0.06–0.14 | 1029–2233 | 0.07–0.22 | ?–? | 599.80–599.92 |
| cfi-64 | 761–842 | 2.39–2.45 | 1159–2085 | 3.09–3.77 | 797–843 | 0.07–0.14 | 1290–2550 | 0.10–0.24 | ?–? | 599.86–599.95 |
| cfi-66 | 814–873 | 2.70–2.75 | 1304–2445 | 3.55–4.60 | 805–922 | 0.07–0.15 | 1493–2525 | 0.11–0.26 | ?–? | 599.75–599.85 |
| cfi-68 | 827–912 | 2.97–3.10 | 912–2147 | 3.60–4.67 | 882–1002 | 0.07–0.17 | 1242–3062 | 0.10–0.28 | ?–? | 599.84–599.98 |
| cfi-70 | 881–1028 | 3.89–4.46 | 1789–3709 | 5.32–7.22 | 897–1018 | 0.07–0.18 | 1159–3235 | 0.10–0.32 | ?–? | 599.78–599.89 |
| cfi-72 | 933–1003 | 3.62–3.69 | 1394–2963 | 4.74–6.22 | 914–1080 | 0.08–0.19 | 1326–3278 | 0.09–0.32 | ?–? | 599.61–599.89 |
| cfi-74 | 955–1047 | 3.96–4.07 | 1167–3428 | 4.88–7.28 | 946–1045 | 0.10–0.20 | 1819–5282 | 0.14–0.49 | ?–? | 599.77–599.90 |
| cfi-76 | 1009–1091 | 4.30–4.42 | 1658–21894 | 6.09–13.52 | 1024–1140 | 0.08–0.20 | 1953–6275 | 0.14–0.54 | ?–? | 599.84–599.95 |
| cfi-78 | 1054–1140 | 4.76–4.86 | 1656–4295 | 6.32–9.48 | 1070–1249 | 0.09–0.22 | 1795–3523 | 0.20–0.38 | ?–? | 599.85–599.94 |
| cfi-80 | 1121–1268 | 5.15–5.24 | 1446–4275 | 7.05–10.76 | 1089–1252 | 0.10–0.23 | 2163–5953 | 0.16–0.55 | ?–? | 599.75–599.99 |
| cfi-82 | 1177–1249 | 5.58–5.65 | 2096–4518 | 8.24–10.71 | 1174–1331 | 0.10–0.26 | 1565–6122 | 0.14–0.53 | ?–? | 599.78–599.91 |
| cfi-84 | 1180–1374 | 6.17–6.29 | 1873–4126 | 8.72–12.21 | 1213–1343 | 0.12–0.26 | 3358–5497 | 0.26–0.53 | ?–? | 599.85–599.94 |
| cfi-86 | 1264–1361 | 6.60–6.68 | 1890–15903 | 9.13–16.65 | 1242–1365 | 0.12–0.28 | 2359–6869 | 0.30–0.68 | ?–? | 599.93–600.03 |
| cfi-88 | 1320–1396 | 7.14–7.24 | 2227–5367 | 10.26–49.11 | 1326–1398 | 0.12–0.30 | 2619–7414 | 0.23–0.84 | ?–? | 599.91–600.03 |
| cfi-90 | 1403–1466 | 7.85–7.96 | 2631–5683 | 11.99–18.26 | 1357–1483 | 0.17–0.31 | 2929–6459 | 0.26–0.71 | ?–? | 599.79–599.88 |
| cfi-92 | 1382–1481 | 8.35–8.41 | 2521–6226 | 12.35–19.18 | 1431–1518 | 0.16–0.33 | 3408–7681 | 0.32–0.84 | ?–? | 599.84–599.97 |
| cfi-94 | 1419–1526 | 9.00–9.17 | 2433–7236 | 13.12–23.35 | 1441–1582 | 0.14–0.35 | 2229–9193 | 0.27–0.82 | ?–? | 599.70–599.85 |
| cfi-96 | 1538–1636 | 9.54–9.64 | 2543–4816 | 14.21–18.87 | 1499–1727 | 0.16–0.36 | 2259–10326 | 0.24–1.15 | ?–? | 599.86–599.95 |
| cfi-98 | 1557–1693 | 10.43–10.68 | 3429–6921 | 17.56–24.59 | 1581–1746 | 0.15–0.38 | 2496–9352 | 0.22–1.08 | ?–? | 599.95–600.00 |
| cfi-100 | 1639–1738 | 11.19–11.40 | 2700–6433 | 17.12–26.40 | 1651–1905 | 0.18–0.41 | 2645–10561 | 0.42–1.12 | ?–? | 599.86–599.98 |
| cfi-102 | 1708–1799 | 14.82–19.44 | 3359–? | 29.53–599.72 | 1714–1819 | 0.21–0.49 | 2713–10385 | 0.31–1.41 | ?–? | 599.74–599.86 |
| cfi-104 | 1743–1847 | 12.91–13.19 | 3004–8705 | 19.83–35.15 | 1697–1992 | 0.20–0.45 | 4731–11868 | 0.48–1.27 | ?–? | 599.85–600.00 |
| cfi-106 | 1744–1883 | 13.70–14.22 | 6612–? | 29.14–600.02 | 1796–1885 | 0.20–0.44 | 3952–12439 | 0.39–1.36 | ?–? | 599.90–599.99 |
| cfi-108 | 1770–2011 | 14.52–14.67 | 3778–? | 24.00–599.85 | 1865–2083 | 0.18–0.47 | 4508–14111 | 0.40–1.70 | ?–? | 599.90–600.03 |
| cfi-110 | 1861–2119 | 15.74–16.03 | 3214–? | 24.15–599.85 | 1880–2168 | 0.21–0.50 | 3015–15099 | 0.31–1.63 | ?–? | 599.72–599.84 |
| cfi-112 | 1927–2126 | 16.46–16.95 | 2966–13137 | 24.76–52.84 | 1919–2235 | 0.25–1.50 | 4343–13984 | 0.48–1.56 | ?–? | 599.93–600.03 |
| cfi-114 | 1996–2259 | 17.99–18.48 | 2631–11621 | 25.64–54.49 | 2023–2242 | 0.23–0.53 | 3364–16537 | 0.35–1.59 | ?–? | 599.77–599.94 |
| cfi-116 | 2109–2359 | 18.99–19.23 | 4077–8121 | 32.36–47.11 | 2135–2351 | 0.25–0.56 | 8062–15318 | 0.84–2.49 | ?–? | 599.79–599.92 |
| cfi-118 | 2140–2373 | 19.99–20.84 | 4787–7738 | 36.20–49.17 | 2170–2358 | 0.29–0.58 | 4988–14596 | 0.84–1.75 | ?–? | 599.86–599.93 |
| cfi-120 | 2175–2596 | 21.26–22.28 | 4541–10551 | 37.17–61.57 | 2156–2594 | 0.26–0.60 | 3977–17306 | 0.43–2.04 | ?–? | 599.64–599.74 |
| cfi-122 | 2276–2406 | 22.89–25.46 | 4800–9143 | 40.85–59.20 | 2300–2442 | 0.32–0.63 | 7529–17670 | 0.82–1.77 | ?–? | 599.60–599.74 |
| cfi-124 | 2279–2639 | 23.84–24.55 | 6089–10766 | 46.87–68.20 | 2326–2651 | 0.29–0.66 | 4294–20039 | 0.46–2.36 | ?–? | 599.78–599.90 |
| cfi-126 | 2390–2707 | 25.72–29.98 | 6214–12261 | 50.49–78.17 | 2411–2684 | 0.34–1.38 | 4306–13209 | 0.75–1.76 | ?–? | 599.74–599.88 |
| cfi-128 | 2480–2699 | 33.49–33.83 | 3680–14619 | 50.64–111.86 | 2476–2664 | 0.34–0.77 | 4274–19315 | 0.51–2.52 | ?–? | 599.49–599.65 |
| cfi-130 | 2558–2815 | 35.76–36.30 | 6126–16338 | 67.33–125.27 | 2537–2795 | 0.36–0.78 | 8482–20231 | 0.96–2.64 | ?–? | 599.81–599.94 |
| cfi-132 | 2562–2864 | 36.66–36.99 | 5182–10731 | 64.08–95.77 | 2539–2881 | 0.35–0.81 | 7162–17470 | 0.98–2.11 | ?–? | 599.80–599.92 |
| cfi-134 | 2697–2910 | 39.39–39.75 | 5457–19071 | 67.99–151.18 | 2710–2949 | 0.39–0.87 | 6783–17125 | 0.87–2.20 | ?–? | 598.89–599.03 |
| cfi-136 | 2763–3135 | 42.49–42.89 | 3806–15430 | 63.11–137.76 | 2849–3100 | 0.39–0.88 | 4836–27078 | 0.60–3.50 | ?–? | 599.68–599.92 |
| cfi-138 | 2825–3024 | 36.03–50.17 | 6176–14449 | 70.73–116.40 | 2841–3027 | 0.40–0.87 | 5091–22924 | 0.68–2.89 | ?–? | 599.76–599.89 |
| cfi-140 | 2916–3102 | 37.48–46.21 | 6875–18261 | 78.91–143.98 | 2973–3122 | 0.43–0.87 | 10190–30923 | 1.61–3.84 | ?–? | 599.93–599.98 |
| cfi-142 | 2944–3328 | 40.66–47.23 | 8175–18239 | 89.33–147.33 | 2972–3401 | 0.41–1.00 | 9990–29376 | 1.18–3.78 | ?–? | 599.91–600.02 |
| cfi-144 | 3104–3234 | 41.71–55.82 | 6704–16562 | 75.77–144.76 | 3169–3386 | 0.48–0.98 | 8297–32614 | 1.54–4.15 | ?–? | 599.86–600.02 |
| cfi-146 | 3174–3451 | 43.31–50.01 | 5879–17942 | 82.76–154.20 | 3168–3517 | 0.50–1.05 | 11038–28197 | 1.32–3.69 | ?–? | 599.91–599.96 |
| cfi-148 | 3218–3551 | 47.53–63.67 | 10221–20021 | 117.91–189.70 | 3183–3623 | 0.46–1.02 | 5677–24038 | 0.75–3.40 | ?–? | 599.88–599.98 |
| cfi-150 | 3241–3592 | 48.45–60.30 | 7587–22890 | 101.54–200.86 | 3252–3757 | 0.48–1.08 | 10771–24976 | 1.90–3.52 | ?–? | 599.85–599.98 |
| cfi-152 | 3294–3614 | 52.94–65.30 | 7015–22585 | 101.93–206.32 | 3360–3707 | 0.48–1.10 | 11267–27706 | 1.41–4.35 | ?–? | 599.61–599.80 |
| cfi-154 | 3453–3776 | 55.85–69.07 | 5394–21740 | 100.06–224.93 | 3530–3841 | 0.50–1.15 | 6423–26308 | 0.85–3.76 | ?–? | 600.00–600.03 |
| cfi-156 | 3487–3745 | 57.92–79.94 | 6657–? | 118.35–600.02 | 3458–3779 | 0.50–1.42 | 9050–35084 | 1.15–5.07 | ?–? | 599.96–599.98 |
| cfi-158 | 3643–4084 | 60.68–83.62 | 8452–22869 | 130.99–278.84 | 3671–3956 | 0.62–1.18 | 12741–31031 | 2.27–7.40 | ?–? | 599.85–599.99 |
| cfi-160 | 3676–4068 | 63.73–76.96 | 12298–43762 | 175.72–313.07 | 3724–3956 | 0.58–1.26 | 9951–27769 | 1.29–4.43 | ?–? | 599.83–600.00 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| cfi-162 | 3777–4172 | 67.56–84.22 | 7811–22785 | 149.89–278.83 | 3771–4054 | 0.58–1.24 | 16324–33018 | 2.21–4.72 | ?–? | 599.81–599.98 |
| cfi-164 | 3735–4088 | 77.19–105.10 | 9214–26090 | 181.75–340.54 | 3877–4216 | 0.59–1.29 | 16388–38998 | 2.12–5.68 | ?–? | 599.81–599.98 |
| cfi-166 | 3942–4325 | 73.29–110.36 | 12536–18791 | 198.47–262.03 | 4025–4287 | 0.68–1.40 | 10300–29575 | 2.16–4.00 | ?–? | 599.88–599.97 |
| cfi-168 | 4072–4327 | 79.20–103.88 | 9579–25848 | 180.12–359.64 | 4050–4477 | 0.71–1.38 | 13945–40893 | 1.95–5.93 | ?–? | 599.98–600.03 |
| cfi-170 | 4082–4393 | 90.16–118.61 | 8901–24307 | 184.18–337.94 | 4086–4345 | 0.74–1.44 | 14332–45524 | 2.81–6.67 | ?–? | 599.84–599.93 |
| cfi-172 | 4160–4535 | 99.06–124.19 | 12973–23284 | 241.93–359.29 | 4247–4601 | 0.69–1.82 | 14804–39525 | 1.99–5.99 | ?–? | 599.90–600.03 |
| cfi-174 | 4298–4567 | 99.57–133.95 | 11293–26447 | 251.06–421.57 | 4331–4739 | 0.68–1.63 | 14584–43998 | 2.03–6.96 | ?–? | 599.76–599.94 |
| cfi-176 | 4441–4639 | 107.63–134.85 | 7402–32666 | 193.00–483.60 | 4466–4670 | 0.81–1.56 | 11847–38276 | 2.20–6.07 | ?–? | 599.84–600.01 |
| cfi-178 | 4485–4734 | 103.19–138.52 | 6445–27846 | 201.40–467.89 | 4555–5432 | 0.73–1.63 | 11509–52775 | 1.68–7.99 | ?–? | 600.02–600.03 |
| cfi-180 | 4472–4844 | 123.34–140.80 | 14846–25767 | 313.87–458.64 | 4540–4841 | 0.76–1.67 | 8264–38377 | 1.24–6.16 | ?–? | 599.74–599.87 |
| cfi-182 | 4619–5175 | 129.22–133.03 | 15430–? | 356.53–599.89 | 4661–5269 | 0.94–1.84 | 16419–39986 | 2.57–6.86 | ?–? | 599.78–599.91 |
| cfi-184 | 4734–4991 | 133.22–160.91 | 14998–24914 | 331.31–498.75 | 4834–5059 | 0.89–1.91 | 16727–32791 | 3.55–5.65 | ?–? | 599.82–599.92 |
| cfi-186 | 4897–5386 | 135.79–145.26 | 21127–? | 366.88–599.93 | 4873–5172 | 0.94–1.91 | 17146–37320 | 2.68–6.13 | ?–? | 599.89–600.03 |
| cfi-188 | 5022–5333 | 145.54–158.26 | 19390–? | 342.29–599.86 | 4936–5357 | 0.86–2.00 | 9349–35270 | 1.44–6.27 | ?–? | 599.83–600.00 |
| cfi-190 | 5078–5360 | 168.90–202.66 | 12881–28224 | 358.51–576.60 | 5145–5560 | 1.02–1.92 | 22542–48033 | 3.48–7.86 | ?–? | 599.94–599.99 |
| cfi-192 | 5075–5716 | 171.93–208.92 | 23302–? | 420.31–599.98 | 5153–5587 | 0.91–1.96 | 14324–40905 | 2.12–8.80 | ?–? | 599.90–599.96 |
| cfi-194 | 5177–5481 | 186.91–218.49 | 18014–? | 477.58–600.00 | 5213–5586 | 0.94–2.02 | 18597–62777 | 2.78–9.89 | ?–? | 599.96–600.00 |
| cfi-196 | 5307–5602 | 197.20–225.36 | 19006–? | 489.14–599.94 | 5317–5629 | 0.97–2.05 | 14265–51672 | 2.22–19.92 | ?–? | 599.88–599.95 |
| cfi-198 | 5486–5775 | 176.48–182.76 | 17984–? | 505.36–599.90 | 5470–5983 | 1.02–2.28 | 24673–57218 | 5.12–10.08 | ?–? | 599.83–599.90 |
| cfi-200 | 5516–5985 | 213.70–270.90 | 21119–? | 547.17–600.01 | 5454–5969 | 1.00–2.18 | 19952–49453 | 3.05–11.47 | ?–? | 599.88–600.02 |
| chnl10_11 | 353–386 | 0.49–0.55 | 353–386 | 0.66–0.74 | 561–593 | 0.04–0.06 | 561–593 | 0.05–0.07 | 630–644 | 0.02–0.03 |
| chnl10_12 | 410–438 | 0.79–0.88 | 410–438 | 1.06–1.18 | 630–663 | 0.06–0.08 | 630–663 | 0.06–0.07 | 703–723 | 0.02–0.03 |
| chnl10_13 | 469–503 | 1.32–1.42 | 469–503 | 1.72–1.86 | 703–737 | 0.08–0.09 | 703–737 | 0.08–0.09 | 780–800 | 0.03–0.04 |
| chnl11_12 | 443–470 | 1.06–1.22 | 443–470 | 1.46–1.58 | 703–739 | 0.07–0.08 | 703–739 | 0.07–0.08 | 780–831 | 0.03–0.04 |
| chnl11_13 | 500–549 | 1.88–2.08 | 500–549 | 2.49–2.76 | 780–817 | 0.09–0.10 | 780–817 | 0.10–0.10 | 861–895 | 0.04–0.05 |
| chnl11_20 | 1057–1113 | 21.90–22.81 | 1057–1113 | 28.27–29.84 | 1440–1475 | 0.38–0.40 | 1440–1475 | 0.38–0.40 | 1540–1668 | 0.13–0.14 |
| difp_19_0_arr_rcr | 1–1 | 1.95–1.98 | 1–1 | 1.95–1.99 | 1–1 | 0.03–0.04 | 1–1 | 0.02–0.04 | 1–1 | 0.03–0.04 |
| difp_19_0_wal_rcr | 147153–147153 | 27.66–27.89 | 147153–147153 | 381.53–391.46 | 147153–147153 | 2.42–2.54 | 147153–147153 | 2.44–2.59 | 147153–147153 | 0.68–0.69 |
| difp_19_1_arr_rcr | 1–1 | 5.12–5.16 | 1–1 | 5.12–5.27 | 1–1 | 0.03–0.04 | 1–1 | 0.03–0.04 | 1–1 | 0.03–0.04 |
| difp_19_1_wal_rcr | 146611–146611 | 38.51–38.99 | 146611–146611 | 390.47–399.60 | 146611–146611 | 2.43–2.56 | 146611–146611 | 2.45–2.62 | 146611–146611 | 0.68–0.83 |
| difp_19_2_wal_rcr | 146611–146611 | 42.07–42.34 | 146611–146611 | 410.40–416.55 | 146611–146611 | 1.88–1.93 | 146611–146611 | 1.90–1.94 | 146611–146611 | 0.56–0.57 |
| difp_19_3_arr_rcr | 1–1 | 5.30–5.35 | 1–1 | 5.31–5.42 | 1–1 | 0.03–0.04 | 1–1 | 0.02–0.04 | 1–1 | 0.03–0.04 |
| difp_19_3_wal_rcr | 146611–146611 | 41.43–41.77 | 146611–146611 | 391.73–401.07 | 146611–146611 | 2.39–2.65 | 146611–146611 | 2.43–2.79 | 146611–146611 | 0.66–0.70 |
| difp_19_99_arr_rcr | 1–1 | 4.76–4.81 | 1–1 | 4.77–4.83 | 1–1 | 0.02–0.04 | 1–1 | 0.03–0.04 | 1–1 | 0.03–0.04 |
| difp_19_99_wal_rcr | 146611–146611 | 40.85–41.13 | 146611–146611 | 388.27–395.48 | 146611–146611 | 2.35–2.68 | 146611–146611 | 2.38–2.52 | 146611–146611 | 0.68–0.75 |
| difp_20_0_arr_rcr | 1–1 | 4.15–4.23 | 1–1 | 4.18–4.23 | 1–1 | 0.03–0.04 | 1–1 | 0.02–0.04 | 1–1 | 0.03–0.04 |
| difp_20_0_wal_rcr | 146611–146611 | 36.38–95.53 | ?–? | 599.12–599.82 | 146611–146611 | 6.32–6.56 | 146611–146611 | 6.38–6.74 | 146611–146611 | 1.76–1.80 |
| difp_20_1_arr_rcr | 1–1 | 4.24–4.34 | 1–1 | 4.27–4.37 | 1–1 | 0.03–0.04 | 1–1 | 0.02–0.04 | 1–1 | 0.03–0.04 |
| difp_20_1_wal_rcr | 146611–146611 | 39.59–39.95 | 146611–146611 | 389.49–398.02 | 146611–146611 | 2.44–2.67 | 146611–146611 | 2.42–2.73 | 146611–146611 | 0.66–0.69 |
| difp_20_2_arr_rcr | 1–1 | 5.07–5.13 | 1–1 | 5.08–5.16 | 1–1 | 0.03–0.04 | 1–1 | 0.02–0.04 | 1–1 | 0.03–0.04 |
| difp_20_2_wal_rcr | 146611–146611 | 36.21–36.67 | 146611–146611 | 388.48–394.80 | 146611–146611 | 2.42–3.14 | 146611–146611 | 2.41–2.62 | 146611–146611 | 0.68–0.70 |
| difp_20_3_arr_rcr | 1–1 | 4.40–4.54 | 1–1 | 4.42–4.49 | 1–1 | 0.02–0.04 | 1–1 | 0.03–0.04 | 1–1 | 0.03–0.04 |
| difp_20_3_wal_rcr | 146611–146611 | 41.71–42.15 | 146611–146611 | 394.77–415.50 | 146611–146611 | 2.40–2.69 | 146611–146611 | 2.41–2.50 | 146611–146611 | 0.68–1.14 |
| difp_20_99_arr_rcr | 1–1 | 3.52–3.61 | 1–1 | 3.56–3.61 | 1–1 | 0.03–0.04 | 1–1 | 0.03–0.04 | 1–1 | 0.03–0.04 |
| difp_20_99_wal_rcr | 146070–146070 | 35.01–35.36 | 146070–146070 | 388.04–392.64 | 146070–146070 | 2.40–2.54 | 146070–146070 | 2.42–2.53 | 146070–146070 | 0.68–0.70 |
| difp_21_0_arr_rcr | 1–1 | 6.10–6.14 | 1–1 | 6.11–6.14 | 1–1 | 0.04–0.05 | 1–1 | 0.04–0.05 | 1–1 | 0.04–0.04 |
| difp_21_0_wal_rcr | 254541–254541 | 71.94–72.25 | ?–? | 599.55–599.90 | 254541–254541 | 5.01–5.68 | 254541–254541 | 5.02–5.70 | 254541–254541 | 1.14–1.17 |
| difp_21_1_arr_rcr | 1–1 | 8.19–8.36 | 1–1 | 8.19–8.38 | 1–1 | 0.04–0.04 | 1–1 | 0.03–0.04 | 1–1 | 0.04–0.06 |
| difp_21_1_wal_rcr | 255255–255255 | 73.20–73.48 | ?–? | 598.42–598.60 | 255255–255255 | 3.96–4.11 | 255255–255255 | 3.99–4.10 | 255255–255255 | 0.92–0.93 |
| difp_21_2_arr_rcr | 1–1 | 7.80–7.88 | 1–1 | 7.83–7.92 | 1–1 | 0.04–0.05 | 1–1 | 0.04–0.04 | 1–1 | 0.04–0.05 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| difp_21_2_wal_rcr | 254541–254541 | 70.45–70.76 | ?–? | 599.68–599.87 | 254541–254541 | 4.02–4.11 | 254541–254541 | 4.03–4.13 | 254541–254541 | 0.91–0.92 |
| difp_21_3_arr_rcr | 1–1 | 7.69–7.92 | 1–1 | 7.68–7.87 | 1–1 | 0.04–0.04 | 1–1 | 0.04–0.04 | 1–1 | 0.04–0.05 |
| difp_21_3_wal_rcr | 254541–254541 | 79.89–80.66 | ?–? | 599.62–599.95 | 254541–254541 | 5.12–5.41 | 254541–254541 | 5.18–5.57 | 254541–254541 | 1.14–1.17 |
| difp_21_99_arr_rcr | 1–1 | 8.60–8.81 | 1–1 | 8.64–8.76 | 1–1 | 0.04–0.04 | 1–1 | 0.04–0.04 | 1–1 | 0.04–0.05 |
| difp_21_99_wal_rcr | 254541–254541 | 80.70–80.97 | ?–? | 599.67–599.76 | 254541–254541 | 3.96–4.06 | 254541–254541 | 3.98–4.10 | 254541–254541 | 0.90–0.92 |
| fpga10_11_uns_rcr | 820–820 | 0.26–0.28 | 820–820 | 1.25–1.32 | 820–820 | 0.04–0.04 | 820–820 | 0.04–0.04 | 820–820 | 0.001–0.01 |
| fpga10_12_uns_rcr | 990–990 | 0.40–0.42 | 990–990 | 1.89–1.92 | 990–990 | 0.04–0.05 | 990–990 | 0.05–0.05 | 990–990 | 0.001–0.01 |
| fpga10_13_uns_rcr | 1596–1596 | 0.85–0.89 | 1596–1596 | 4.86–5.01 | 1596–1596 | 0.09–0.10 | 1596–1596 | 0.09–0.10 | 1596–1596 | 0.02–0.02 |
| fpga10_15_uns_rcr | 1176–1176 | 1.35–1.38 | 1176–1176 | 6.81–7.02 | 1176–1176 | 0.08–0.09 | 1176–1176 | 0.09–0.10 | 1176–1176 | 0.02–0.02 |
| fpga10_20_uns_rcr | 2415–2415 | 9.45–9.62 | 2415–2415 | 81.37–99.53 | 2415–2415 | 0.32–0.36 | 2415–2415 | 0.33–0.36 | 2415–2415 | 0.05–0.05 |
| fpga10_8_sat | 120–129 | 0.04–0.05 | 120–129 | 0.07–0.08 | 75–91 | 0.001–0.01 | 75–91 | 0.001–0.01 | 136–136 | 0.001–0.001 |
| fpga10_8_sat_rcr | 300–300 | 0.02–0.02 | 300–300 | 0.04–0.05 | 300–300 | 0.001–0.01 | 300–300 | 0.001–0.01 | 300–300 | 0.001–0.001 |
| fpga10_9_sat | 153–163 | 0.07–0.08 | 153–163 | 0.12–0.13 | 106–122 | 0.001–0.01 | 106–122 | 0.01–0.02 | 171–171 | 0.001–0.01 |
| fpga10_9_sat_rcr | 300–300 | 0.03–0.03 | 300–300 | 0.06–0.08 | 300–300 | 0.001–0.01 | 300–300 | 0.001–0.01 | 300–300 | 0.001–0.001 |
| fpga11_12_uns_rcr | 1081–1081 | 0.56–0.59 | 1081–1081 | 3.21–3.33 | 1081–1081 | 0.06–0.07 | 1081–1081 | 0.06–0.07 | 1081–1081 | 0.01–0.02 |
| fpga11_13_uns_rcr | 861–861 | 0.61–0.63 | 861–861 | 2.46–2.48 | 861–861 | 0.05–0.06 | 861–861 | 0.05–0.06 | 861–861 | 0.01–0.02 |
| fpga11_14_uns_rcr | 1326–1326 | 1.26–1.30 | 1326–1326 | 7.65–7.85 | 1326–1326 | 0.10–0.11 | 1326–1326 | 0.10–0.10 | 1326–1326 | 0.02–0.02 |
| fpga11_15_uns_rcr | 2080–2080 | 2.46–2.49 | 2080–2080 | 16.92–17.48 | 2080–2080 | 0.16–0.17 | 2080–2080 | 0.16–0.18 | 2080–2080 | 0.03–0.04 |
| fpga11_20_uns_rcr | 3828–3828 | 17.24–17.48 | 3828–3828 | 186.45–191.91 | 3828–3828 | 0.55–0.67 | 3828–3828 | 0.56–0.58 | 3828–3828 | 0.06–0.08 |
| fpga12_10_sat_rcr | 528–528 | 0.09–0.10 | 528–528 | 0.30–0.31 | 528–528 | 0.01–0.02 | 528–528 | 0.01–0.02 | 528–528 | 0.001–0.01 |
| fpga12_11_sat | 276–290 | 0.30–0.32 | 276–290 | 0.49–0.54 | 166–208 | 0.02–0.03 | 166–208 | 0.02–0.03 | 300–300 | 0.01–0.03 |
| fpga12_11_sat_rcr | 496–496 | 0.11–0.12 | 496–496 | 0.35–0.36 | 496–496 | 0.02–0.02 | 496–496 | 0.02–0.02 | 496–496 | 0.001–0.01 |
| fpga12_12_sat | 325–340 | 0.45–0.51 | 325–340 | 0.80–0.86 | 199–243 | 0.02–0.04 | 199–243 | 0.03–0.04 | 351–373 | 0.02–0.02 |
| fpga12_12_sat_rcr | 630–630 | 0.20–0.21 | 630–630 | 0.72–0.75 | 630–630 | 0.02–0.03 | 630–630 | 0.02–0.03 | 630–630 | 0.001–0.01 |
| fpga12_8_sat | 153–164 | 0.08–0.09 | 153–164 | 0.12–0.14 | 69–108 | 0.01–0.01 | 69–108 | 0.01–0.02 | 171–171 | 0.001–0.01 |
| fpga12_8_sat_rcr | 435–435 | 0.04–0.04 | 435–435 | 0.09–0.10 | 435–435 | 0.01–0.01 | 435–435 | 0.01–0.01 | 435–435 | 0.001–0.001 |
| fpga12_9_sat | 190–202 | 0.12–0.13 | 190–202 | 0.19–0.22 | 111–149 | 0.01–0.02 | 111–149 | 0.01–0.02 | 210–210 | 0.001–0.01 |
| fpga12_9_sat_rcr | 300–300 | 0.04–0.04 | 300–300 | 0.10–0.11 | 300–300 | 0.001–0.01 | 300–300 | 0.001–0.01 | 300–300 | 0.001–0.001 |
| fpga13_10_sat | 253–267 | 0.24–0.27 | 253–267 | 0.41–0.44 | 139–168 | 0.02–0.03 | 139–168 | 0.02–0.03 | 276–276 | 0.01–0.02 |
| fpga13_10_sat_rcr | 406–406 | 0.09–0.10 | 406–406 | 0.26–0.27 | 406–406 | 0.01–0.02 | 406–406 | 0.01–0.02 | 406–406 | 0.001–0.01 |
| fpga13_11_sat_rcr | 780–780 | 0.18–0.20 | 780–780 | 0.74–0.76 | 780–780 | 0.03–0.03 | 780–780 | 0.03–0.04 | 780–780 | 0.001–0.01 |
| fpga13_12_sat | 269–305 | 0.47–0.58 | 269–305 | 0.76–0.88 | 199–260 | 0.04–0.04 | 199–260 | 0.04–0.05 | 378–404 | 0.02–0.07 |
| fpga13_12_sat_rcr | 1035–1035 | 0.35–0.37 | 1035–1035 | 1.73–1.80 | 1035–1035 | 0.04–0.06 | 1035–1035 | 0.04–0.06 | 1035–1035 | 0.01–0.01 |
| fpga13_9_sat | 210–223 | 0.16–0.17 | 210–223 | 0.27–0.29 | 105–138 | 0.01–0.02 | 105–138 | 0.01–0.02 | 231–246 | 0.01–0.01 |
| fpga13_9_sat_rcr | 465–465 | 0.06–0.07 | 465–465 | 0.18–0.19 | 465–465 | 0.01–0.02 | 465–465 | 0.01–0.02 | 465–465 | 0.001–0.001 |
| grid-2-5 | 4–5 | 0.001–0.001 | 4–5 | 0.001–0.001 | 4–5 | 0.001–0.001 | 4–5 | 0.001–0.001 | 6–8 | 0.001–0.001 |
| grid-2-10 | 4–5 | 0.001–0.001 | 4–5 | 0.001–0.001 | 4–5 | 0.001–0.001 | 4–5 | 0.001–0.001 | 6–8 | 0.001–0.001 |
| grid-2-15 | 4–5 | 0.001–0.001 | 4–5 | 0.001–0.001 | 4–5 | 0.001–0.001 | 4–5 | 0.001–0.001 | 6–8 | 0.001–0.001 |
| grid-2-20 | 4–5 | 0.001–0.001 | 4–5 | 0.001–0.001 | 4–5 | 0.001–0.001 | 4–5 | 0.001–0.001 | 6–8 | 0.001–0.001 |
| grid-2-25 | 4–4 | 0.001–0.01 | 4–4 | 0.001–0.01 | 4–5 | 0.001–0.001 | 4–5 | 0.001–0.001 | 6–8 | 0.001–0.001 |
| grid-2-30 | 4–5 | 0.02–0.02 | 4–5 | 0.02–0.02 | 4–5 | 0.001–0.01 | 4–5 | 0.001–0.01 | 6–8 | 0.001–0.001 |
| grid-2-35 | 4–5 | 0.04–0.05 | 4–5 | 0.04–0.05 | 4–5 | 0.001–0.01 | 4–5 | 0.001–0.01 | 6–8 | 0.001–0.001 |
| grid-2-40 | 4–5 | 0.08–0.12 | 4–5 | 0.09–0.12 | 4–5 | 0.001–0.01 | 4–5 | 0.001–0.01 | 6–8 | 0.001–0.01 |
| grid-2-45 | 4–5 | 0.17–0.21 | 4–5 | 0.17–0.21 | 4–5 | 0.01–0.01 | 4–5 | 0.001–0.02 | 6–8 | 0.001–0.01 |
| grid-2-50 | 4–5 | 0.33–0.37 | 4–5 | 0.34–0.41 | 4–5 | 0.001–0.02 | 4–5 | 0.01–0.02 | 6–8 | 0.01–0.02 |
| grid-2-55 | 4–5 | 0.60–0.67 | 4–5 | 0.60–0.66 | 4–5 | 0.01–0.03 | 4–5 | 0.01–0.02 | 6–8 | 0.01–0.02 |
| grid-2-60 | 4–5 | 0.95–1.07 | 4–5 | 0.95–1.04 | 4–5 | 0.02–0.02 | 4–5 | 0.01–0.03 | 6–8 | 0.02–0.03 |
| grid-2-65 | 4–5 | 1.49–1.64 | 4–5 | 1.51–1.62 | 4–5 | 0.02–0.04 | 4–5 | 0.02–0.03 | 6–8 | 0.03–0.04 |
| grid-2-70 | 4–5 | 2.10–2.27 | 4–5 | 2.09–2.28 | 4–5 | 0.02–0.04 | 4–5 | 0.03–0.04 | 6–8 | 0.03–0.04 |
| grid-2-75 | 4–5 | 3.08–3.31 | 4–5 | 3.07–3.28 | 4–5 | 0.03–0.04 | 4–5 | 0.03–0.05 | 6–8 | 0.04–0.06 |

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|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| grid-2-80 | 4–5 | 4.10–4.36 | 4–5 | 4.10–4.35 | 4–5 | 0.04–0.06 | 4–5 | 0.04–0.06 | 6–8 | 0.05–0.07 |
| grid-2-85 | 4–5 | 5.85–6.16 | 4–5 | 5.84–6.18 | 4–5 | 0.04–0.06 | 4–5 | 0.04–0.06 | 6–8 | 0.06–0.08 |
| grid-2-90 | 4–5 | 7.56–8.07 | 4–5 | 7.61–7.96 | 4–5 | 0.05–0.10 | 4–5 | 0.05–0.08 | 6–8 | 0.08–0.09 |
| grid-2-95 | 4–5 | 10.18–10.75 | 4–5 | 10.18–10.68 | 4–5 | 0.06–0.08 | 4–5 | 0.06–0.08 | 6–8 | 0.09–0.11 |
| grid-2-100 | 4–5 | 13.30–13.95 | 4–5 | 13.35–14.02 | 4–5 | 0.07–0.10 | 4–5 | 0.07–0.10 | 6–8 | 0.12–0.14 |
| grid-3-2 | 10–13 | 0.001–0.001 | 10–13 | 0.001–0.001 | 10–13 | 0.001–0.001 | 10–13 | 0.001–0.001 | 10–13 | 0.001–0.001 |
| grid-3-3 | 7–9 | 0.001–0.001 | 7–9 | 0.001–0.001 | 7–9 | 0.001–0.001 | 7–9 | 0.001–0.001 | 10–13 | 0.001–0.001 |
| grid-3-4 | 6–10 | 0.001–0.001 | 6–10 | 0.001–0.001 | 6–10 | 0.001–0.001 | 6–10 | 0.001–0.001 | 10–13 | 0.001–0.001 |
| grid-3-5 | 8–10 | 0.001–0.001 | 8–10 | 0.001–0.001 | 8–10 | 0.001–0.001 | 8–10 | 0.001–0.001 | 10–15 | 0.001–0.001 |
| grid-3-6 | 4–5 | 0.001–0.001 | 4–5 | 0.001–0.001 | 4–5 | 0.001–0.001 | 4–5 | 0.001–0.001 | 10–13 | 0.001–0.001 |
| grid-3-7 | 4–6 | 0.001–0.001 | 4–6 | 0.001–0.001 | 4–6 | 0.001–0.001 | 4–6 | 0.001–0.001 | 10–15 | 0.001–0.001 |
| grid-3-8 | 4–6 | 0.001–0.01 | 4–6 | 0.001–0.01 | 4–6 | 0.001–0.001 | 4–6 | 0.001–0.001 | 10–13 | 0.001–0.001 |
| grid-3-9 | 4–6 | 0.01–0.02 | 4–6 | 0.01–0.02 | 4–6 | 0.001–0.01 | 4–6 | 0.001–0.01 | 10–15 | 0.001–0.001 |
| grid-3-10 | 4–6 | 0.02–0.03 | 4–6 | 0.02–0.03 | 4–6 | 0.001–0.01 | 4–6 | 0.001–0.01 | 10–13 | 0.001–0.01 |
| grid-3-11 | 4–6 | 0.02–0.04 | 4–6 | 0.03–0.04 | 4–6 | 0.001–0.01 | 4–6 | 0.001–0.01 | 10–15 | 0.001–0.01 |
| grid-3-12 | 4–5 | 0.05–0.07 | 4–5 | 0.05–0.07 | 4–6 | 0.01–0.03 | 4–6 | 0.001–0.02 | 10–13 | 0.01–0.01 |
| grid-3-13 | 4–6 | 0.15–0.22 | 4–6 | 0.15–0.22 | 4–7 | 0.01–0.02 | 4–7 | 0.01–0.03 | 10–15 | 0.01–0.02 |
| grid-3-14 | 4–6 | 0.20–0.27 | 4–6 | 0.20–0.28 | 4–6 | 0.02–0.03 | 4–6 | 0.02–0.03 | 10–13 | 0.02–0.02 |
| grid-3-15 | 4–6 | 0.38–0.55 | 4–6 | 0.40–0.56 | 4–5 | 0.02–0.03 | 4–5 | 0.02–0.04 | 10–13 | 0.02–0.03 |
| grid-3-16 | 4–6 | 0.72–1.06 | 4–6 | 0.73–1.07 | 4–6 | 0.03–0.04 | 4–6 | 0.03–0.04 | 10–13 | 0.02–0.04 |
| grid-3-17 | 4–6 | 0.96–1.31 | 4–6 | 0.97–1.32 | 4–6 | 0.04–0.06 | 4–6 | 0.05–0.06 | 10–13 | 0.03–0.04 |
| grid-3-18 | 4–6 | 1.26–1.72 | 4–6 | 1.26–1.72 | 4–6 | 0.04–0.07 | 4–6 | 0.04–0.08 | 10–13 | 0.04–0.06 |
| grid-3-19 | 4–6 | 2.14–3.20 | 4–6 | 2.17–2.96 | 4–6 | 0.06–0.09 | 4–6 | 0.06–0.09 | 10–13 | 0.06–0.07 |
| grid-3-20 | 4–6 | 2.55–3.46 | 4–6 | 2.54–3.39 | 4–6 | 0.08–0.10 | 4–6 | 0.07–0.11 | 10–13 | 0.07–0.08 |
| grid-w-2-5 | 7–8 | 0.001–0.001 | 7–8 | 0.001–0.001 | 7–8 | 0.001–0.001 | 7–8 | 0.001–0.001 | 10–12 | 0.001–0.001 |
| grid-w-2-10 | 7–11 | 0.001–0.001 | 7–11 | 0.001–0.001 | 7–11 | 0.001–0.001 | 7–11 | 0.001–0.001 | 15–23 | 0.001–0.001 |
| grid-w-2-15 | 7–9 | 0.001–0.001 | 7–9 | 0.001–0.001 | 7–9 | 0.001–0.001 | 7–9 | 0.001–0.001 | 10–15 | 0.001–0.001 |
| grid-w-2-20 | 7–11 | 0.001–0.01 | 7–11 | 0.001–0.01 | 7–11 | 0.001–0.001 | 7–11 | 0.001–0.001 | 15–19 | 0.001–0.001 |
| grid-w-2-25 | 7–8 | 0.01–0.02 | 7–8 | 0.01–0.02 | 7–8 | 0.001–0.001 | 7–8 | 0.001–0.001 | 10–15 | 0.001–0.001 |
| grid-w-2-30 | 7–14 | 0.03–0.08 | 7–14 | 0.03–0.08 | 7–14 | 0.001–0.01 | 7–14 | 0.001–0.01 | 15–23 | 0.001–0.01 |
| grid-w-2-35 | 7–9 | 0.06–0.08 | 7–9 | 0.06–0.09 | 7–9 | 0.001–0.01 | 7–9 | 0.001–0.01 | 10–16 | 0.001–0.02 |
| grid-w-2-40 | 7–12 | 0.13–0.23 | 7–12 | 0.12–0.28 | 7–12 | 0.001–0.02 | 7–12 | 0.01–0.02 | 15–31 | 0.01–0.03 |
| grid-w-2-45 | 7–10 | 0.41–0.68 | 7–10 | 0.44–0.71 | 7–10 | 0.01–0.02 | 7–10 | 0.01–0.02 | 10–15 | 0.01–0.02 |
| grid-w-2-50 | 7–12 | 0.71–1.39 | 7–12 | 0.71–1.43 | 7–12 | 0.02–0.04 | 7–12 | 0.02–0.04 | 15–23 | 0.03–0.05 |
| grid-w-2-55 | 7–9 | 2.16–2.94 | 7–9 | 2.18–3.00 | 7–10 | 0.03–0.04 | 7–10 | 0.02–0.04 | 10–13 | 0.03–0.04 |
| grid-w-2-60 | 7–11 | 2.09–3.94 | 7–11 | 2.14–4.12 | 7–11 | 0.03–0.06 | 7–11 | 0.03–0.06 | 15–23 | 0.05–0.09 |
| grid-w-2-65 | 7–10 | 2.85–4.29 | 7–10 | 2.94–4.42 | 7–9 | 0.04–0.06 | 7–9 | 0.04–0.06 | 10–16 | 0.06–0.11 |
| grid-w-2-70 | 7–12 | 4.23–8.32 | 7–12 | 4.37–8.59 | 7–11 | 0.05–0.09 | 7–11 | 0.05–0.09 | 15–23 | 0.08–0.15 |
| grid-w-2-75 | 7–9 | 7.08–10.12 | 7–9 | 7.28–10.48 | 7–10 | 0.06–0.10 | 7–10 | 0.06–0.12 | 10–15 | 0.09–0.14 |
| grid-w-2-80 | 7–12 | 8.23–16.10 | 7–12 | 8.55–16.85 | 7–12 | 0.08–0.16 | 7–12 | 0.08–0.16 | 15–23 | 0.12–0.24 |
| grid-w-2-85 | 7–9 | 15.07–21.17 | 7–9 | 15.47–21.93 | 7–10 | 0.09–0.14 | 7–10 | 0.10–0.15 | 10–16 | 0.14–0.28 |
| grid-w-2-90 | 7–9 | 15.25–22.38 | 7–9 | 15.84–23.72 | 7–9 | 0.11–0.17 | 7–9 | 0.12–0.17 | 15–23 | 0.18–0.36 |
| grid-w-2-95 | 7–8 | 29.08–32.10 | 7–8 | 29.82–32.87 | 7–8 | 0.14–0.16 | 7–8 | 0.14–0.17 | 10–13 | 0.20–0.32 |
| grid-w-2-100 | 7–10 | 26.60–39.56 | 7–10 | 27.61–41.67 | 7–10 | 0.16–0.25 | 7–10 | 0.16–0.25 | 15–23 | 0.26–1.08 |
| grid-w-3-2 | 10–13 | 0.001–0.001 | 10–13 | 0.001–0.001 | 10–13 | 0.001–0.001 | 10–13 | 0.001–0.001 | 10–13 | 0.001–0.001 |
| grid-w-3-3 | 11–15 | 0.001–0.001 | 11–15 | 0.001–0.001 | 11–15 | 0.001–0.001 | 11–15 | 0.001–0.001 | 15–20 | 0.001–0.001 |
| grid-w-3-4 | 21–29 | 0.001–0.001 | 21–29 | 0.001–0.001 | 21–29 | 0.001–0.001 | 21–29 | 0.001–0.001 | 28–34 | 0.001–0.001 |
| grid-w-3-5 | 12–16 | 0.001–0.001 | 12–16 | 0.001–0.001 | 12–16 | 0.001–0.001 | 12–16 | 0.001–0.001 | 15–20 | 0.001–0.001 |
| grid-w-3-6 | 12–17 | 0.001–0.001 | 12–17 | 0.001–0.001 | 12–17 | 0.001–0.001 | 12–17 | 0.001–0.001 | 28–40 | 0.001–0.001 |
| grid-w-3-7 | 7–9 | 0.001–0.001 | 7–9 | 0.001–0.001 | 7–9 | 0.001–0.001 | 7–9 | 0.001–0.001 | 15–17 | 0.001–0.001 |

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|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| grid-w-3-8 | 8–13 | 0.001–0.01 | 8–13 | 0.001–0.02 | 8–13 | 0.001–0.01 | 8–13 | 0.001–0.01 | 28–40 | 0.001–0.001 |
| grid-w-3-9 | 7–9 | 0.01–0.02 | 7–9 | 0.01–0.01 | 7–9 | 0.001–0.01 | 7–9 | 0.001–0.01 | 15–21 | 0.001–0.001 |
| grid-w-3-10 | 8–11 | 0.04–0.04 | 8–11 | 0.04–0.05 | 8–11 | 0.001–0.02 | 8–11 | 0.001–0.01 | 28–34 | 0.001–0.01 |
| grid-w-3-11 | 7–9 | 0.05–0.07 | 7–9 | 0.05–0.07 | 7–9 | 0.01–0.02 | 7–9 | 0.01–0.02 | 15–18 | 0.01–0.01 |
| grid-w-3-12 | 7–11 | 0.11–0.20 | 7–11 | 0.12–0.21 | 7–11 | 0.02–0.02 | 7–11 | 0.02–0.03 | 28–34 | 0.02–0.02 |
| grid-w-3-13 | 7–10 | 0.21–0.30 | 7–10 | 0.21–0.30 | 7–9 | 0.01–0.03 | 7–9 | 0.02–0.03 | 15–20 | 0.02–0.02 |
| grid-w-3-14 | 7–12 | 0.46–0.86 | 7–12 | 0.46–0.86 | 7–12 | 0.02–0.05 | 7–12 | 0.03–0.05 | 28–34 | 0.03–0.04 |
| grid-w-3-15 | 7–9 | 0.67–0.84 | 7–9 | 0.67–0.85 | 7–9 | 0.04–0.05 | 7–9 | 0.04–0.05 | 15–21 | 0.03–0.05 |
| grid-w-3-16 | 8–11 | 1.44–2.07 | 8–11 | 1.44–2.10 | 8–11 | 0.05–0.08 | 8–11 | 0.05–0.08 | 28–40 | 0.05–0.12 |
| grid-w-3-17 | 7–9 | 1.53–1.86 | 7–9 | 1.53–1.87 | 7–9 | 0.06–0.08 | 7–9 | 0.06–0.08 | 15–18 | 0.05–0.06 |
| grid-w-3-18 | 8–12 | 3.72–6.14 | 8–12 | 3.72–6.16 | 8–12 | 0.08–0.12 | 8–12 | 0.08–0.14 | 28–34 | 0.08–0.11 |
| grid-w-3-19 | 7–9 | 3.63–4.48 | 7–9 | 3.65–4.47 | 7–9 | 0.08–0.12 | 7–9 | 0.09–0.12 | 15–21 | 0.08–0.12 |
| grid-w-3-20 | 7–11 | 6.13–9.93 | 7–11 | 6.20–10.06 | 8–11 | 0.12–0.18 | 8–11 | 0.13–0.20 | 28–46 | 0.13–0.22 |
| had-1 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 |
| had-2 | 6–10 | 0.001–0.001 | 6–10 | 0.001–0.001 | 6–10 | 0.001–0.001 | 6–10 | 0.001–0.001 | 6–10 | 0.001–0.001 |
| had-4 | 21–21 | 0.001–0.001 | 21–21 | 0.001–0.001 | 15–17 | 0.001–0.001 | 15–17 | 0.001–0.001 | 21–25 | 0.001–0.001 |
| had-8 | 22–29 | 0.001–0.001 | 22–29 | 0.001–0.001 | 17–24 | 0.001–0.001 | 17–24 | 0.001–0.001 | 36–43 | 0.001–0.001 |
| had-12 | 22–27 | 0.001–0.001 | 22–27 | 0.001–0.001 | 23–32 | 0.001–0.001 | 23–32 | 0.001–0.001 | 28–38 | 0.001–0.001 |
| had-16 | 30–40 | 0.001–0.001 | 30–40 | 0.001–0.001 | 24–31 | 0.001–0.001 | 24–31 | 0.001–0.001 | 58–72 | 0.001–0.001 |
| had-20 | 96–988 | 0.001–0.02 | 68–978 | 0.001–0.03 | 235–1172 | 0.001–0.05 | 65–814 | 0.001–0.04 | 388–1286 | 0.01–0.03 |
| had-24 | 56–880 | 0.001–0.04 | 42–207 | 0.001–0.001 | 142–1471 | 0.001–0.06 | 139–4553 | 0.01–0.13 | 543–12054 | 0.01–0.29 |
| had-28 | 515–22143 | 0.02–0.90 | 306–593 | 0.01–0.02 | 138–1357 | 0.001–0.05 | 155–359 | 0.01–0.02 | 3256–7229 | 0.12–0.30 |
| had-32 | 133–582 | 0.001–0.02 | 125–565 | 0.001–0.02 | 1207–8517 | 0.03–0.22 | 205–4358 | 0.01–0.13 | 1243–3866 | 0.06–0.18 |
| had-36 | 483–19968 | 0.02–1.76 | 350–1054 | 0.02–0.05 | 160–464 | 0.01–0.02 | 119–842 | 0.02–0.04 | 4339–114310 | 0.19–5.14 |
| had-40 | 753–25179 | 0.09–3.33 | 321–773 | 0.04–0.10 | 294–6168 | 0.03–0.40 | 431–6327 | 0.05–0.55 | 18947–1170631 | 1.38–85.03 |
| had-44 | 242–46357 | 0.01–3.27 | 140–443 | 0.01–0.03 | 101–451 | 0.01–0.04 | 21–285 | 0.01–0.04 | 1991–438173 | 0.15–31.96 |
| had-48 | 255–2091 | 0.02–0.17 | 158–571 | 0.01–0.04 | 51–583 | 0.02–0.08 | 21–580 | 0.01–0.08 | 3338–52088 | 0.29–4.27 |
| had-52 | 243812–445594 | 19.07–34.83 | 216803–323807 | 16.82–27.69 | 17051–39087 | 0.74–2.00 | 13337–25685 | 0.63–1.58 | 3582098–? | 252.33–599.93 |
| had-56 | 1896–4457 | 0.42–0.97 | 1539–2908 | 0.34–0.63 | 502–2257 | 0.06–0.29 | 555–1519 | 0.11–0.20 | 106683–213020 | 17.22–35.26 |
| had-60 | 266–7748 | 0.03–0.67 | 174–7325 | 0.02–0.63 | 135–612 | 0.02–0.07 | 21–602 | 0.02–0.08 | 4929–4125217 | 0.45–378.54 |
| had-64 | 49–61 | 0.01–0.01 | 49–61 | 0.01–0.02 | 41–55 | 0.03–0.05 | 41–55 | 0.03–0.04 | 128–164 | 0.02–0.03 |
| had-68 | 372–631 | 0.05–0.10 | 231–523 | 0.03–0.08 | 156–570 | 0.03–0.07 | 22–570 | 0.02–0.08 | 8093–18023 | 1.03–2.35 |
| had-72 | 400–850 | 0.05–0.10 | 235–816 | 0.03–0.10 | 158–734 | 0.06–0.17 | 23–446 | 0.02–0.12 | 7308–15612 | 0.80–1.71 |
| had-76 | 1153–23105 | 0.17–3.27 | 802–17653 | 0.12–2.51 | 330–1427 | 0.06–0.20 | 223–1229 | 0.08–0.16 | 29035–198101 | 3.50–23.79 |
| had-80 | 484–896 | 0.08–0.14 | 263–741 | 0.04–0.12 | 175–962 | 0.05–0.16 | 27–956 | 0.05–0.17 | 11559–? | 1.80–599.72 |
| had-84 | 389–717 | 0.07–0.11 | 236–662 | 0.04–0.11 | 179–861 | 0.04–0.14 | 20–852 | 0.04–0.16 | 12114–294288 | 1.57–42.27 |
| had-88 | 1393–23589 | 0.72–13.54 | 1010–2762 | 0.49–1.25 | 225–2559 | 0.07–0.45 | 636–13039 | 0.13–1.58 | 119695–347090 | 45.45–135.96 |
| had-92 | 1597307–? | 323.73–599.95 | 1167151–? | 236.47–599.96 | 55976–273020 | 5.45–26.82 | 43734–114333 | 4.43–13.14 | ?–? | 599.88–600.02 |
| had-96 | 1107–10203 | 0.63–7.43 | 922–10331 | 0.58–7.46 | 419–2302 | 0.12–0.48 | 617–11067 | 0.18–2.16 | 137706–? | 51.71–600.02 |
| had-100 | 2187561–? | 438.83–599.95 | 1735022–? | 347.10–599.98 | 86146–573686 | 9.44–56.03 | 75623–561814 | 8.08–52.41 | ?–? | 599.90–600.00 |
| had-104 | 440–1666 | 0.12–0.40 | 332–1075 | 0.08–0.26 | 222–1668 | 0.06–0.22 | 22–1668 | 0.06–0.24 | 12174–34506 | 2.12–5.96 |
| had-108 | 641–1107 | 0.15–0.24 | 336–857 | 0.08–0.20 | 227–879 | 0.08–0.21 | 26–874 | 0.06–0.22 | 23231–45141 | 4.29–8.32 |
| had-112 | 3913–245863 | 6.64–438.47 | 3146–113606 | 5.28–196.70 | 971–138081 | 0.31–9.62 | 753–15769 | 0.36–2.46 | ?–? | 599.78–599.98 |
| had-116 | ?–? | 599.90–600.02 | ?–? | 599.86–600.02 | 85615–254467 | 11.24–32.79 | 71103–229208 | 9.39–29.61 | ?–? | 599.82–600.00 |
| had-120 | 1911–21194 | 1.71–50.19 | 1686–18764 | 1.70–47.12 | 527–1455 | 0.22–0.39 | 1864–6622 | 0.56–1.06 | 193949–? | 114.93–599.98 |
| had-124 | 1646–24072 | 0.52–7.16 | 1389–4593 | 0.46–1.45 | 527–5813 | 0.19–1.46 | 449–8774 | 0.24–1.75 | 65318–126036 | 15.90–30.18 |
| had-128 | 60–75 | 0.06–0.08 | 60–75 | 0.07–0.09 | 51–67 | 0.17–0.21 | 51–67 | 0.17–0.24 | 179–229 | 0.13–0.16 |
| had-132 | 678–1348 | 0.22–0.42 | 462–1174 | 0.16–0.36 | 280–1336 | 0.17–0.59 | 23–1327 | 0.10–0.61 | 25878–60724 | 6.26–14.51 |
| had-136 | 1871–26941 | 2.55–84.24 | 1627–24919 | 2.14–83.95 | 343–11216 | 0.16–1.22 | 306–7094 | 0.30–0.95 | 291081–? | 232.25–599.88 |
| had-140 | 635–1553 | 0.24–0.56 | 450–1168 | 0.18–0.43 | 295–1139 | 0.17–0.43 | 19–1134 | 0.12–0.46 | 29015–101872 | 7.32–25.96 |

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|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| had-144 | 1664–5119 | 2.37–6.40 | 1593–3866 | 2.35–5.75 | 614–6069 | 0.36–2.90 | 1676–8015 | 0.70–3.06 | 311989–? | 262.52–600.02 |
| had-148 | 2198–5688 | 1.03–2.60 | 1592–5575 | 0.76–2.54 | 625–3569 | 0.30–1.22 | 178–5587 | 0.30–1.47 | 95478–864825 | 35.49–323.34 |
| had-152 | 852–2366 | 0.33–0.88 | 448–2329 | 0.19–0.88 | 317–1554 | 0.18–0.60 | 23–1542 | 0.11–0.62 | 41196–75410 | 12.30–21.48 |
| had-156 | ?–? | 599.88–599.96 | ?–? | 599.87–599.96 | 123772–508664 | 26.26–98.82 | 52653–507028 | 11.10–99.62 | ?–? | 599.79–600.00 |
| had-160 | 2609–5930 | 4.54–13.25 | 1959–5686 | 3.68–8.92 | 1002–3568 | 0.56–1.33 | 1918–10436 | 0.65–2.46 | 309582–? | 317.79–600.02 |
| had-164 | 771–2273 | 0.38–1.03 | 533–2088 | 0.26–0.96 | 341–1345 | 0.22–0.59 | 21–1325 | 0.14–0.64 | 32845–112212 | 10.25–35.37 |
| had-168 | 894–3139 | 0.47–1.61 | 544–3138 | 0.31–1.62 | 351–2027 | 0.27–0.94 | 19–2021 | 0.16–1.01 | 54776–? | 22.12–599.88 |
| had-172 | ?–? | 600.00–600.03 | ?–? | 599.98–600.03 | 172700–312129 | 42.11–75.59 | 78594–305426 | 19.06–68.29 | ?–? | 599.85–600.03 |
| had-176 | 3130–32916 | 14.52–152.96 | 1805–32129 | 6.84–144.57 | 588–7068 | 0.52–4.03 | 2009–49192 | 1.29–16.81 | ?–? | 599.91–600.03 |
| had-180 | 763–1800 | 0.50–0.98 | 477–1273 | 0.28–0.72 | 375–1443 | 0.28–0.68 | 18–1093 | 0.16–0.65 | 66095–154549 | 24.10–58.53 |
| had-184 | ?–? | 598.92–599.01 | ?–? | 598.91–599.08 | 232005–2521182 | 94.06–527.52 | 123737–2105184 | 54.42–434.87 | ?–? | 598.66–598.97 |
| had-188 | ?–? | 599.88–600.00 | ?–? | 599.87–600.02 | ?–? | 599.70–599.84 | ?–? | 599.66–600.02 | ?–? | 599.85–600.03 |
| had-192 | 1149–1986 | 0.77–1.36 | 619–1335 | 0.45–0.93 | 404–1541 | 0.37–0.99 | 25–1538 | 0.25–1.10 | 51644–192200 | 25.10–93.12 |
| had-196 | 2444–5762 | 1.82–4.25 | 2099–5388 | 1.58–3.97 | 827–4685 | 0.65–2.54 | 214–6813 | 0.67–2.99 | 172363–? | 98.02–599.82 |
| had-200 | 1070–2844 | 0.84–2.13 | 608–2763 | 0.49–2.10 | 414–1628 | 0.28–0.62 | 23–822 | 0.23–0.47 | 68721–154642 | 36.55–81.76 |
| had-204 | 2349–5536 | 1.57–3.67 | 2277–5119 | 1.56–3.40 | 860–5496 | 0.71–3.06 | 409–5072 | 0.68–2.33 | 210775–390395 | 98.53–183.71 |
| had-208 | ?–? | 600.02–600.03 | ?–? | 600.02–600.03 | 99935–502192 | 49.29–246.43 | 44029–233205 | 24.38–138.69 | ?–? | 599.79–600.03 |
| had-212 | 1051–2842 | 0.75–1.96 | 741–2698 | 0.55–1.87 | 445–1308 | 0.48–1.00 | 17–1293 | 0.26–1.06 | 77064–386473 | 43.67–221.40 |
| had-216 | 2662–77473 | 11.13–380.57 | 2016–3900 | 8.46–18.62 | 885–6478 | 0.99–4.90 | 2721–30588 | 1.39–13.33 | ?–? | 599.30–599.65 |
| had-220 | 2765–7460 | 3.25–8.40 | 2424–5677 | 2.78–6.52 | 1347–4265 | 1.22–3.39 | 435–6380 | 0.90–3.76 | 198164–420732 | 156.50–308.73 |
| had-224 | 1105–24111 | 0.90–18.42 | 677–2489 | 0.57–1.98 | 21–2697 | 0.23–1.76 | 20–2697 | 0.30–1.77 | 94498–269622 | 46.31–136.70 |
| had-228 | 1107–3812 | 0.98–3.29 | 713–2901 | 0.66–2.52 | 468–3648 | 0.53–2.54 | 17–3642 | 0.30–2.67 | 92279–249081 | 56.61–152.59 |
| had-232 | ?–? | 599.78–599.97 | ?–? | 599.75–599.98 | 365365–? | 207.96–599.82 | 249761–? | 166.97–599.86 | ?–? | 599.78–600.00 |
| had-236 | ?–? | 599.91–600.00 | ?–? | 599.86–599.97 | ?–? | 599.51–599.84 | ?–? | 599.51–599.74 | ?–? | 599.84–600.01 |
| had-240 | 1219–3025 | 1.19–2.87 | 623–2990 | 0.64–2.86 | 493–1942 | 0.64–1.88 | 21–1009 | 0.29–1.25 | 109787–251917 | 60.47–140.86 |
| had-244 | 3457–9203 | 36.10–186.40 | 3757–7614 | 32.29–175.61 | 864–2969 | 0.94–2.43 | 290–30470 | 1.63–5.63 | 236786–? | 293.87–600.03 |
| had-248 | 7243–? | 35.24–600.02 | 6435–26468 | 31.77–181.81 | 3172–7708 | 3.30–7.88 | 2714–9307 | 4.31–8.80 | ?–? | 599.92–600.03 |
| had-252 | 984–2089 | 0.93–1.88 | 751–2021 | 0.72–1.84 | 515–2027 | 0.79–2.38 | 20–1525 | 0.42–2.03 | 91447–367207 | 53.27–214.00 |
| had-256 | 72–86 | 0.37–0.42 | 72–86 | 0.41–0.50 | 62–73 | 0.79–0.93 | 62–73 | 0.81–0.96 | 246–286 | 0.70–0.78 |
| had-sw-20 | 241–1115 | 0.001–0.03 | 179–1102 | 0.001–0.03 | 320–937 | 0.01–0.03 | 139–905 | 0.001–0.03 | 2278–19839 | 0.05–0.46 |
| had-sw-32-1 | 1027075–2478113 | 47.64–114.11 | 1008330–1776970 | 47.07–82.26 | 134329–582531 | 5.54–13.38 | 185114–665404 | 6.19–16.22 | 9139311–? | 355.09–599.85 |
| had-sw-32-2 | 1139562–3155215 | 50.43–141.08 | 992511–1771686 | 43.21–77.54 | 141533–829447 | 3.91–17.35 | 184844–742371 | 5.95–16.88 | 11925059–? | 459.71–600.03 |
| had-sw-32-3 | 1097930–2186359 | 47.99–94.27 | 993346–1821477 | 43.22–81.48 | 128433–1003471 | 4.63–21.44 | 159011–776309 | 4.74–18.24 | 8700359–? | 332.70–599.88 |
| had-sw-32-4 | 283243–1058270 | 15.16–63.55 | 165457–786320 | 9.21–47.38 | 36304–228596 | 1.34–6.18 | 30967–192432 | 1.20–5.65 | 3741180–8457933 | 154.55–335.04 |
| had-sw-32-5 | 643814–1423341 | 28.15–76.04 | 539268–935148 | 23.52–40.75 | 84824–401362 | 3.37–8.49 | 109022–317427 | 3.26–7.56 | 5996101–13202466 | 235.29–520.22 |
| had-sw-32-6 | 688313–2003042 | 33.11–103.59 | 624600–1931425 | 30.20–111.85 | 87413–427752 | 4.19–11.25 | 128029–362827 | 5.48–11.74 | 9970500–? | 357.61–599.86 |
| had-sw-32-7 | 262828–923618 | 15.47–55.72 | 215214–424792 | 12.72–25.36 | 34294–158945 | 1.26–4.77 | 39036–100364 | 1.46–3.14 | 5350060–? | 199.11–599.96 |
| had-sw-32-8 | 325753–741462 | 15.47–34.95 | 207726–484540 | 9.90–23.05 | 45590–122844 | 1.55–3.01 | 32971–95204 | 1.17–3.00 | 3097852–6028463 | 121.83–238.25 |
| had-sw-32-9 | 733477–1619836 | 33.08–72.57 | 659544–969049 | 29.76–43.89 | 93841–374266 | 2.98–8.83 | 116922–279115 | 3.91–7.74 | 6464454–13946227 | 249.13–549.11 |
| had-sw-32-10 | 488831–1494386 | 21.19–64.64 | 353881–950027 | 15.28–40.75 | 53009–294051 | 1.48–7.02 | 57254–263210 | 1.86–6.01 | 4241620–8573369 | 166.35–329.00 |
| had-sw-32-11 | 1012848–2615038 | 42.89–111.55 | 995434–1714941 | 42.31–72.73 | 125464–352592 | 3.99–9.93 | 135248–329579 | 4.41–10.10 | 9002944–? | 353.91–600.03 |
| had-sw-36-1 | 1626869–3401560 | 77.68–159.11 | 1624638–2730248 | 75.97–129.75 | 176257–374304 | 6.73–15.19 | 179329–381312 | 7.25–14.89 | ?–? | 599.79–599.93 |
| had-sw-36-2 | 975547–2500654 | 45.99–119.44 | 824191–1477427 | 38.55–70.98 | 105107–269708 | 4.08–12.43 | 99835–189830 | 3.82–7.67 | 10901179–? | 495.96–599.96 |
| had-sw-36-3 | 1123380–3663841 | 52.26–170.61 | 1097477–2259508 | 51.08–108.33 | 119438–403259 | 5.39–16.19 | 120974–268614 | 5.48–10.67 | 9717205–? | 435.06–599.91 |
| had-sw-36-4 | 1125276–2659991 | 52.91–126.98 | 1113960–2062954 | 52.62–96.66 | 123137–293002 | 5.22–11.41 | 124865–199792 | 5.29–7.98 | 11276290–? | 500.58–599.73 |
| had-sw-36-5 | 1185989–2486325 | 55.43–116.13 | 1185989–2486325 | 55.12–116.29 | 131256–269750 | 5.16–10.66 | 132984–262321 | 5.41–10.26 | 11068610–? | 512.60–600.00 |
| had-sw-36-6 | 1169404–2842491 | 55.07–132.60 | 1078480–2153755 | 50.29–120.14 | 128455–308933 | 5.40–13.88 | 120981–310640 | 4.82–14.24 | 11302916–? | 508.48–599.77 |
| had-sw-36-7 | 861490–2124884 | 40.72–99.67 | 861490–1413548 | 40.71–66.99 | 94015–232238 | 3.62–9.26 | 95967–200061 | 3.85–8.75 | 7147598–? | 318.71–599.82 |
| had-sw-36-8 | 912159–1684836 | 42.77–81.13 | 884866–1350640 | 42.07–63.63 | 97987–182646 | 3.62–7.36 | 90610–175116 | 3.50–6.82 | 9594870–? | 440.78–599.97 |
| had-sw-36-9 | 853875–2447864 | 40.13–115.07 | 803509–1858018 | 37.78–87.48 | 90509–270272 | 3.36–10.69 | 92669–187790 | 3.55–12.92 | 8799518–? | 390.91–599.87 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| had-sw-36-10 | 811402–2620040 | 38.05–123.53 | 811402–1410228 | 39.66–71.11 | 94611–287504 | 3.50–10.66 | 95673–193197 | 3.74–7.40 | 9031829–? | 399.27–599.92 |
| had-sw-36-11 | 1201167–1893437 | 57.06–91.64 | 1103922–1700469 | 53.92–79.29 | 134695–208110 | 5.20–9.03 | 126878–199789 | 5.11–8.31 | 10138808–? | 457.80–600.03 |
| had-sw-40 | 3067024–? | 311.44–599.72 | 2456448–? | 264.29–599.77 | 275748–2203936 | 21.19–113.09 | 288007–2231027 | 14.95–114.72 | ?–? | 599.68–599.89 |
| had-sw-40-1 | 3067024–? | 247.77–599.61 | 2456448–? | 207.24–599.70 | 275748–2203936 | 17.84–94.58 | 288007–2231027 | 12.60–95.07 | ?–? | 599.45–599.71 |
| had-sw-40-2 | 2472779–4991275 | 208.63–427.91 | 2439545–4245614 | 206.64–347.91 | 367007–2172837 | 16.06–101.75 | 284170–1394033 | 12.59–98.83 | ?–? | 599.74–599.94 |
| had-sw-40-3 | 2529175–4579007 | 188.54–338.82 | 2455063–3832185 | 184.80–274.08 | 273371–461226 | 10.53–18.00 | 282961–368582 | 11.04–14.42 | ?–? | 599.84–599.97 |
| had-sw-40-4 | 2551458–5015238 | 214.76–427.79 | 2457171–4269327 | 208.78–365.12 | 276722–1815857 | 12.60–58.23 | 293246–989200 | 13.08–31.70 | ?–? | 598.84–598.96 |
| had-sw-40-5 | 3499827–? | 244.36–599.89 | 2471580–? | 186.21–599.86 | 275665–2190849 | 10.35–131.40 | 288911–1822885 | 11.04–115.45 | ?–? | 599.80–599.90 |
| had-sw-40-6 | 3091964–7071815 | 249.43–594.15 | 2563053–4314373 | 215.50–346.62 | 275691–2591576 | 14.23–80.86 | 289610–949738 | 12.43–30.28 | ?–? | 599.69–599.88 |
| had-sw-40-7 | 2544039–? | 189.29–599.87 | 2453645–4372670 | 184.34–330.28 | 274516–2265624 | 13.93–93.40 | 288939–2132329 | 11.20–87.92 | ?–? | 599.80–599.92 |
| had-sw-40-8 | 2973094–6857526 | 217.07–501.00 | 2448032–3317418 | 181.25–234.42 | 277991–689765 | 12.02–27.40 | 291731–490066 | 11.34–25.96 | ?–? | 599.92–599.98 |
| had-sw-40-9 | 2840533–4924428 | 209.97–365.29 | 2502551–3206752 | 186.48–322.62 | 275651–1000910 | 10.29–29.25 | 288208–949015 | 11.02–28.21 | ?–? | 599.84–600.03 |
| had-sw-40-10 | 2545089–6037208 | 214.05–510.81 | 2469773–3509026 | 209.37–276.45 | 275765–2098765 | 11.68–141.22 | 281683–1388302 | 12.19–97.39 | ?–? | 599.79–599.91 |
| had-sw-40-11 | 3147878–? | 226.13–599.96 | 2439484–? | 182.73–599.96 | 328402–2430500 | 12.73–99.53 | 288857–2127044 | 11.46–95.35 | ?–? | 599.87–599.97 |
| had-sw-44-1 | 1923120–4635532 | 122.66–293.21 | 1923120–4458609 | 121.39–280.08 | 177326–421800 | 7.65–18.16 | 178739–379786 | 8.05–13.77 | ?–? | 599.87–600.03 |
| had-sw-44-2 | 157901–304662 | 10.06–19.89 | 103604–277421 | 6.56–17.90 | 15350–29112 | 0.49–1.26 | 11265–25844 | 0.42–1.18 | 1863754–4871137 | 106.88–283.02 |
| had-sw-44-3 | 1882229–6003343 | 118.78–377.00 | 1859345–4549366 | 117.61–288.86 | 168850–538141 | 7.02–18.84 | 170630–435234 | 7.49–19.05 | ?–? | 599.60–599.77 |
| had-sw-44-4 | 2095321–6718955 | 126.72–405.82 | 1932744–3825156 | 117.12–231.86 | 189624–609809 | 6.46–20.94 | 176928–609047 | 6.18–20.70 | ?–? | 599.85–599.95 |
| had-sw-44-5 | 2028037–5662195 | 129.24–356.72 | 1907263–4986008 | 120.62–313.87 | 184275–510084 | 7.70–20.44 | 165305–301759 | 6.92–13.40 | ?–? | 599.99–600.03 |
| had-sw-44-6 | 1929922–5669756 | 120.87–357.43 | 1929922–4412549 | 121.68–276.08 | 178867–503990 | 6.14–22.05 | 180547–350960 | 6.48–15.51 | ?–? | 599.88–600.03 |
| had-sw-44-7 | 2263862–6880488 | 142.41–435.56 | 2173358–4140451 | 136.52–261.17 | 203844–619542 | 6.97–21.42 | 170139–356433 | 6.84–12.77 | ?–? | 599.93–599.99 |
| had-sw-44-8 | 1984286–4510650 | 124.60–284.40 | 1984286–4510650 | 124.12–282.20 | 175375–404489 | 6.43–15.00 | 167902–279890 | 5.98–10.08 | ?–? | 599.86–599.94 |
| had-sw-44-9 | 1896026–5626609 | 120.87–360.44 | 1875258–3964871 | 118.53–251.54 | 168281–506557 | 5.73–18.99 | 169721–382426 | 6.10–13.27 | ?–? | 599.90–599.96 |
| had-sw-44-10 | 1965158–6488221 | 125.21–409.18 | 1922549–3221488 | 120.91–202.70 | 170596–583554 | 7.34–19.97 | 171188–426222 | 6.48–15.54 | ?–? | 599.86–599.97 |
| had-sw-44-11 | 2061747–6074381 | 124.66–368.11 | 2061747–4842404 | 124.67–293.07 | 190440–534807 | 6.51–19.07 | 165857–381149 | 5.67–16.58 | ?–? | 599.89–599.94 |
| had-sw-56 | ?–? | 599.98–600.03 | ?–? | 599.87–600.03 | 820242–4453287 | 52.45–204.00 | 758386–2681960 | 48.17–147.94 | ?–? | 599.95–600.03 |
| had-sw-64 | ?–? | 599.95–600.00 | ?–? | 599.92–600.00 | 1143061–6914482 | 85.40–423.22 | 1134082–6639572 | 84.87–409.85 | ?–? | 599.92–599.99 |
| had-sw-88 | ?–? | 599.84–599.97 | ?–? | 599.86–599.96 | 3151531–? | 403.44–599.99 | 2979654–? | 378.91–599.99 | ?–? | 599.94–599.98 |
| had-sw-96 | ?–? | 599.75–599.97 | ?–? | 599.83–599.97 | 3963772–? | 506.63–599.96 | 3867939–? | 497.79–599.99 | ?–? | 599.86–599.99 |
| had-sw-112 | ?–? | 599.79–599.90 | ?–? | 599.82–599.97 | ?–? | 599.77–599.90 | ?–? | 599.80–599.94 | ?–? | 599.81–599.92 |
| hole10 | 55–76 | 0.06–0.08 | 55–76 | 0.08–0.11 | 153–161 | 0.01–0.02 | 153–161 | 0.01–0.02 | 171–177 | 0.001–0.01 |
| hole11 | 66–92 | 0.11–0.15 | 66–92 | 0.15–0.21 | 190–199 | 0.02–0.02 | 190–199 | 0.02–0.02 | 210–220 | 0.01–0.02 |
| hole12 | 83–112 | 0.21–0.29 | 83–112 | 0.30–0.40 | 231–241 | 0.02–0.03 | 231–241 | 0.03–0.03 | 253–263 | 0.01–0.02 |
| hole7 | 30–43 | 0.001–0.01 | 30–43 | 0.001–0.01 | 66–71 | 0.001–0.001 | 66–71 | 0.001–0.001 | 78–84 | 0.001–0.001 |
| hole8 | 36–56 | 0.01–0.02 | 36–56 | 0.02–0.03 | 91–97 | 0.001–0.01 | 91–97 | 0.001–0.01 | 105–105 | 0.001–0.001 |
| hole9 | 48–70 | 0.03–0.05 | 48–70 | 0.04–0.06 | 120–127 | 0.01–0.01 | 120–127 | 0.001–0.01 | 136–143 | 0.001–0.001 |
| k-2 | 3–3 | 0.001–0.001 | 3–3 | 0.001–0.001 | 3–3 | 0.001–0.001 | 3–3 | 0.001–0.001 | 3–3 | 0.001–0.001 |
| k-3 | 6–6 | 0.001–0.001 | 6–6 | 0.001–0.001 | 6–6 | 0.001–0.001 | 6–6 | 0.001–0.001 | 6–6 | 0.001–0.001 |
| k-4 | 10–10 | 0.001–0.001 | 10–10 | 0.001–0.001 | 10–10 | 0.001–0.001 | 10–10 | 0.001–0.001 | 10–10 | 0.001–0.001 |
| k-5 | 15–15 | 0.001–0.001 | 15–15 | 0.001–0.001 | 15–15 | 0.001–0.001 | 15–15 | 0.001–0.001 | 15–15 | 0.001–0.001 |
| k-6 | 21–21 | 0.001–0.001 | 21–21 | 0.001–0.001 | 21–21 | 0.001–0.001 | 21–21 | 0.001–0.001 | 21–21 | 0.001–0.001 |
| k-7 | 28–28 | 0.001–0.001 | 28–28 | 0.001–0.001 | 28–28 | 0.001–0.001 | 28–28 | 0.001–0.001 | 28–28 | 0.001–0.001 |
| k-8 | 36–36 | 0.001–0.001 | 36–36 | 0.001–0.001 | 36–36 | 0.001–0.001 | 36–36 | 0.001–0.001 | 36–36 | 0.001–0.001 |
| k-9 | 45–45 | 0.001–0.001 | 45–45 | 0.001–0.001 | 45–45 | 0.001–0.001 | 45–45 | 0.001–0.001 | 45–45 | 0.001–0.001 |
| k-10 | 55–55 | 0.001–0.001 | 55–55 | 0.001–0.001 | 55–55 | 0.001–0.001 | 55–55 | 0.001–0.001 | 55–55 | 0.001–0.001 |
| k-11 | 66–66 | 0.001–0.001 | 66–66 | 0.001–0.001 | 66–66 | 0.001–0.001 | 66–66 | 0.001–0.001 | 66–66 | 0.001–0.001 |
| k-12 | 78–78 | 0.001–0.001 | 78–78 | 0.001–0.001 | 78–78 | 0.001–0.001 | 78–78 | 0.001–0.001 | 78–78 | 0.001–0.001 |
| k-13 | 91–91 | 0.001–0.001 | 91–91 | 0.001–0.001 | 91–91 | 0.001–0.001 | 91–91 | 0.001–0.001 | 91–91 | 0.001–0.001 |
| k-14 | 105–105 | 0.001–0.001 | 105–105 | 0.001–0.001 | 105–105 | 0.001–0.001 | 105–105 | 0.001–0.001 | 105–105 | 0.001–0.001 |
| k-15 | 120–120 | 0.001–0.001 | 120–120 | 0.001–0.001 | 120–120 | 0.001–0.001 | 120–120 | 0.001–0.001 | 120–120 | 0.001–0.001 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| k-16 | 136–136 | 0.001–0.001 | 136–136 | 0.001–0.001 | 136–136 | 0.001–0.001 | 136–136 | 0.001–0.001 | 136–136 | 0.001–0.001 |
| k-17 | 153–153 | 0.001–0.001 | 153–153 | 0.001–0.001 | 153–153 | 0.001–0.001 | 153–153 | 0.001–0.001 | 153–153 | 0.001–0.001 |
| k-18 | 171–171 | 0.001–0.001 | 171–171 | 0.001–0.001 | 171–171 | 0.001–0.001 | 171–171 | 0.001–0.001 | 171–171 | 0.001–0.001 |
| k-19 | 190–190 | 0.001–0.001 | 190–190 | 0.001–0.001 | 190–190 | 0.001–0.001 | 190–190 | 0.001–0.001 | 190–190 | 0.001–0.001 |
| k-20 | 210–210 | 0.001–0.001 | 210–210 | 0.001–0.001 | 210–210 | 0.001–0.001 | 210–210 | 0.001–0.001 | 210–210 | 0.001–0.001 |
| k-21 | 231–231 | 0.001–0.001 | 231–231 | 0.001–0.001 | 231–231 | 0.001–0.001 | 231–231 | 0.001–0.001 | 231–231 | 0.001–0.001 |
| k-22 | 253–253 | 0.001–0.001 | 253–253 | 0.001–0.001 | 253–253 | 0.001–0.001 | 253–253 | 0.001–0.001 | 253–253 | 0.001–0.001 |
| k-23 | 276–276 | 0.001–0.001 | 276–276 | 0.001–0.001 | 276–276 | 0.001–0.001 | 276–276 | 0.001–0.001 | 276–276 | 0.001–0.001 |
| k-24 | 300–300 | 0.001–0.001 | 300–300 | 0.001–0.001 | 300–300 | 0.001–0.001 | 300–300 | 0.001–0.001 | 300–300 | 0.001–0.001 |
| k-25 | 325–325 | 0.001–0.001 | 325–325 | 0.001–0.001 | 325–325 | 0.001–0.001 | 325–325 | 0.001–0.001 | 325–325 | 0.001–0.001 |
| k-26 | 351–351 | 0.001–0.001 | 351–351 | 0.001–0.001 | 351–351 | 0.001–0.001 | 351–351 | 0.001–0.001 | 351–351 | 0.001–0.001 |
| k-27 | 378–378 | 0.001–0.001 | 378–378 | 0.001–0.001 | 378–378 | 0.001–0.001 | 378–378 | 0.001–0.001 | 378–378 | 0.001–0.001 |
| k-28 | 406–406 | 0.001–0.001 | 406–406 | 0.001–0.001 | 406–406 | 0.001–0.001 | 406–406 | 0.001–0.001 | 406–406 | 0.001–0.001 |
| k-29 | 435–435 | 0.001–0.001 | 435–435 | 0.001–0.001 | 435–435 | 0.001–0.001 | 435–435 | 0.001–0.001 | 435–435 | 0.001–0.001 |
| k-30 | 465–465 | 0.001–0.001 | 465–465 | 0.001–0.001 | 465–465 | 0.001–0.001 | 465–465 | 0.001–0.001 | 465–465 | 0.001–0.001 |
| k-31 | 496–496 | 0.001–0.001 | 496–496 | 0.001–0.001 | 496–496 | 0.001–0.001 | 496–496 | 0.001–0.001 | 496–496 | 0.001–0.001 |
| k-32 | 528–528 | 0.001–0.001 | 528–528 | 0.001–0.001 | 528–528 | 0.001–0.001 | 528–528 | 0.001–0.001 | 528–528 | 0.001–0.001 |
| k-33 | 561–561 | 0.001–0.001 | 561–561 | 0.001–0.001 | 561–561 | 0.001–0.001 | 561–561 | 0.001–0.001 | 561–561 | 0.001–0.001 |
| k-34 | 595–595 | 0.001–0.001 | 595–595 | 0.001–0.001 | 595–595 | 0.001–0.001 | 595–595 | 0.001–0.001 | 595–595 | 0.001–0.001 |
| k-35 | 630–630 | 0.001–0.001 | 630–630 | 0.001–0.001 | 630–630 | 0.001–0.001 | 630–630 | 0.001–0.001 | 630–630 | 0.001–0.001 |
| k-36 | 666–666 | 0.001–0.001 | 666–666 | 0.001–0.001 | 666–666 | 0.001–0.001 | 666–666 | 0.001–0.001 | 666–666 | 0.001–0.001 |
| k-37 | 703–703 | 0.001–0.001 | 703–703 | 0.001–0.001 | 703–703 | 0.001–0.001 | 703–703 | 0.001–0.001 | 703–703 | 0.001–0.001 |
| k-38 | 741–741 | 0.001–0.001 | 741–741 | 0.001–0.001 | 741–741 | 0.001–0.001 | 741–741 | 0.001–0.001 | 741–741 | 0.001–0.001 |
| k-39 | 780–780 | 0.001–0.001 | 780–780 | 0.001–0.001 | 780–780 | 0.001–0.001 | 780–780 | 0.001–0.001 | 780–780 | 0.001–0.001 |
| k-40 | 820–820 | 0.001–0.001 | 820–820 | 0.001–0.001 | 820–820 | 0.001–0.01 | 820–820 | 0.001–0.01 | 820–820 | 0.001–0.001 |
| k-41 | 861–861 | 0.001–0.001 | 861–861 | 0.001–0.001 | 861–861 | 0.001–0.01 | 861–861 | 0.001–0.01 | 861–861 | 0.001–0.001 |
| k-42 | 903–903 | 0.001–0.001 | 903–903 | 0.001–0.001 | 903–903 | 0.001–0.01 | 903–903 | 0.001–0.01 | 903–903 | 0.001–0.001 |
| k-43 | 946–946 | 0.001–0.001 | 946–946 | 0.001–0.001 | 946–946 | 0.001–0.01 | 946–946 | 0.001–0.01 | 946–946 | 0.001–0.001 |
| k-44 | 990–990 | 0.001–0.001 | 990–990 | 0.001–0.001 | 990–990 | 0.001–0.01 | 990–990 | 0.001–0.01 | 990–990 | 0.001–0.001 |
| k-45 | 1035–1035 | 0.001–0.001 | 1035–1035 | 0.001–0.001 | 1035–1035 | 0.001–0.01 | 1035–1035 | 0.001–0.01 | 1035–1035 | 0.001–0.001 |
| k-46 | 1081–1081 | 0.001–0.001 | 1081–1081 | 0.001–0.001 | 1081–1081 | 0.001–0.01 | 1081–1081 | 0.001–0.01 | 1081–1081 | 0.001–0.001 |
| k-47 | 1128–1128 | 0.001–0.001 | 1128–1128 | 0.001–0.001 | 1128–1128 | 0.001–0.01 | 1128–1128 | 0.001–0.01 | 1128–1128 | 0.001–0.001 |
| k-48 | 1176–1176 | 0.001–0.001 | 1176–1176 | 0.001–0.001 | 1176–1176 | 0.001–0.01 | 1176–1176 | 0.001–0.01 | 1176–1176 | 0.001–0.001 |
| k-49 | 1225–1225 | 0.001–0.001 | 1225–1225 | 0.001–0.001 | 1225–1225 | 0.001–0.01 | 1225–1225 | 0.001–0.01 | 1225–1225 | 0.001–0.001 |
| k-50 | 1275–1275 | 0.001–0.001 | 1275–1275 | 0.001–0.001 | 1275–1275 | 0.001–0.01 | 1275–1275 | 0.001–0.01 | 1275–1275 | 0.001–0.001 |
| k-51 | 1326–1326 | 0.001–0.001 | 1326–1326 | 0.001–0.001 | 1326–1326 | 0.001–0.01 | 1326–1326 | 0.001–0.01 | 1326–1326 | 0.001–0.001 |
| k-52 | 1378–1378 | 0.001–0.001 | 1378–1378 | 0.001–0.001 | 1378–1378 | 0.001–0.01 | 1378–1378 | 0.001–0.01 | 1378–1378 | 0.001–0.001 |
| k-53 | 1431–1431 | 0.001–0.001 | 1431–1431 | 0.001–0.001 | 1431–1431 | 0.01–0.01 | 1431–1431 | 0.01–0.01 | 1431–1431 | 0.001–0.001 |
| k-54 | 1485–1485 | 0.001–0.001 | 1485–1485 | 0.001–0.001 | 1485–1485 | 0.01–0.01 | 1485–1485 | 0.01–0.02 | 1485–1485 | 0.001–0.001 |
| k-55 | 1540–1540 | 0.001–0.001 | 1540–1540 | 0.001–0.001 | 1540–1540 | 0.001–0.01 | 1540–1540 | 0.01–0.01 | 1540–1540 | 0.001–0.001 |
| k-56 | 1596–1596 | 0.001–0.001 | 1596–1596 | 0.001–0.001 | 1596–1596 | 0.01–0.02 | 1596–1596 | 0.01–0.02 | 1596–1596 | 0.001–0.001 |
| k-57 | 1653–1653 | 0.001–0.001 | 1653–1653 | 0.001–0.001 | 1653–1653 | 0.01–0.02 | 1653–1653 | 0.01–0.02 | 1653–1653 | 0.001–0.001 |
| k-58 | 1711–1711 | 0.001–0.001 | 1711–1711 | 0.001–0.001 | 1711–1711 | 0.01–0.02 | 1711–1711 | 0.01–0.02 | 1711–1711 | 0.001–0.001 |
| k-59 | 1770–1770 | 0.001–0.001 | 1770–1770 | 0.001–0.001 | 1770–1770 | 0.01–0.02 | 1770–1770 | 0.01–0.02 | 1770–1770 | 0.001–0.001 |
| k-60 | 1830–1830 | 0.001–0.001 | 1830–1830 | 0.001–0.001 | 1830–1830 | 0.01–0.02 | 1830–1830 | 0.01–0.02 | 1830–1830 | 0.001–0.001 |
| k-61 | 1891–1891 | 0.001–0.001 | 1891–1891 | 0.001–0.001 | 1891–1891 | 0.01–0.02 | 1891–1891 | 0.01–0.02 | 1891–1891 | 0.001–0.01 |
| k-62 | 1953–1953 | 0.001–0.001 | 1953–1953 | 0.001–0.001 | 1953–1953 | 0.01–0.02 | 1953–1953 | 0.02–0.02 | 1953–1953 | 0.001–0.001 |
| k-63 | 2016–2016 | 0.001–0.001 | 2016–2016 | 0.001–0.001 | 2016–2016 | 0.01–0.02 | 2016–2016 | 0.02–0.02 | 2016–2016 | 0.001–0.001 |
| k-64 | 2080–2080 | 0.001–0.001 | 2080–2080 | 0.001–0.001 | 2080–2080 | 0.01–0.02 | 2080–2080 | 0.01–0.02 | 2080–2080 | 0.001–0.001 |
| k-65 | 2145–2145 | 0.001–0.001 | 2145–2145 | 0.001–0.001 | 2145–2145 | 0.02–0.02 | 2145–2145 | 0.01–0.02 | 2145–2145 | 0.001–0.001 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| k-66 | 2211–2211 | 0.001–0.001 | 2211–2211 | 0.001–0.001 | 2211–2211 | 0.01–0.02 | 2211–2211 | 0.02–0.02 | 2211–2211 | 0.001–0.001 |
| k-67 | 2278–2278 | 0.001–0.001 | 2278–2278 | 0.001–0.001 | 2278–2278 | 0.02–0.02 | 2278–2278 | 0.02–0.04 | 2278–2278 | 0.001–0.001 |
| k-68 | 2346–2346 | 0.001–0.001 | 2346–2346 | 0.001–0.001 | 2346–2346 | 0.02–0.02 | 2346–2346 | 0.02–0.03 | 2346–2346 | 0.001–0.001 |
| k-69 | 2415–2415 | 0.001–0.001 | 2415–2415 | 0.001–0.001 | 2415–2415 | 0.02–0.03 | 2415–2415 | 0.02–0.03 | 2415–2415 | 0.001–0.001 |
| k-70 | 2485–2485 | 0.001–0.001 | 2485–2485 | 0.001–0.001 | 2485–2485 | 0.02–0.03 | 2485–2485 | 0.02–0.03 | 2485–2485 | 0.001–0.001 |
| k-71 | 2556–2556 | 0.001–0.001 | 2556–2556 | 0.001–0.001 | 2556–2556 | 0.02–0.03 | 2556–2556 | 0.02–0.03 | 2556–2556 | 0.001–0.001 |
| k-72 | 2628–2628 | 0.001–0.001 | 2628–2628 | 0.001–0.001 | 2628–2628 | 0.02–0.03 | 2628–2628 | 0.02–0.03 | 2628–2628 | 0.001–0.01 |
| k-73 | 2701–2701 | 0.001–0.001 | 2701–2701 | 0.001–0.001 | 2701–2701 | 0.02–0.03 | 2701–2701 | 0.02–0.05 | 2701–2701 | 0.001–0.01 |
| k-74 | 2775–2775 | 0.001–0.001 | 2775–2775 | 0.001–0.001 | 2775–2775 | 0.02–0.03 | 2775–2775 | 0.03–0.03 | 2775–2775 | 0.001–0.001 |
| k-75 | 2850–2850 | 0.001–0.001 | 2850–2850 | 0.001–0.001 | 2850–2850 | 0.03–0.03 | 2850–2850 | 0.03–0.05 | 2850–2850 | 0.001–0.01 |
| k-76 | 2926–2926 | 0.001–0.001 | 2926–2926 | 0.001–0.001 | 2926–2926 | 0.02–0.03 | 2926–2926 | 0.03–0.05 | 2926–2926 | 0.001–0.01 |
| k-77 | 3003–3003 | 0.001–0.001 | 3003–3003 | 0.001–0.001 | 3003–3003 | 0.03–0.04 | 3003–3003 | 0.03–0.04 | 3003–3003 | 0.001–0.001 |
| k-78 | 3081–3081 | 0.001–0.001 | 3081–3081 | 0.001–0.01 | 3081–3081 | 0.03–0.04 | 3081–3081 | 0.03–0.04 | 3081–3081 | 0.001–0.02 |
| k-79 | 3160–3160 | 0.001–0.001 | 3160–3160 | 0.001–0.001 | 3160–3160 | 0.03–0.04 | 3160–3160 | 0.03–0.04 | 3160–3160 | 0.001–0.01 |
| k-80 | 3240–3240 | 0.001–0.01 | 3240–3240 | 0.001–0.01 | 3240–3240 | 0.04–0.04 | 3240–3240 | 0.03–0.04 | 3240–3240 | 0.001–0.01 |
| k-81 | 3321–3321 | 0.001–0.01 | 3321–3321 | 0.001–0.01 | 3321–3321 | 0.04–0.04 | 3321–3321 | 0.04–0.04 | 3321–3321 | 0.001–0.01 |
| k-82 | 3403–3403 | 0.001–0.01 | 3403–3403 | 0.001–0.01 | 3403–3403 | 0.03–0.04 | 3403–3403 | 0.04–0.04 | 3403–3403 | 0.001–0.01 |
| k-83 | 3486–3486 | 0.001–0.01 | 3486–3486 | 0.001–0.01 | 3486–3486 | 0.04–0.04 | 3486–3486 | 0.04–0.06 | 3486–3486 | 0.001–0.04 |
| k-84 | 3570–3570 | 0.001–0.01 | 3570–3570 | 0.001–0.01 | 3570–3570 | 0.04–0.05 | 3570–3570 | 0.04–0.05 | 3570–3570 | 0.001–0.01 |
| k-85 | 3655–3655 | 0.001–0.01 | 3655–3655 | 0.001–0.01 | 3655–3655 | 0.04–0.05 | 3655–3655 | 0.04–0.05 | 3655–3655 | 0.001–0.01 |
| k-86 | 3741–3741 | 0.001–0.01 | 3741–3741 | 0.001–0.01 | 3741–3741 | 0.04–0.05 | 3741–3741 | 0.04–0.05 | 3741–3741 | 0.001–0.01 |
| k-87 | 3828–3828 | 0.001–0.01 | 3828–3828 | 0.001–0.01 | 3828–3828 | 0.04–0.06 | 3828–3828 | 0.04–0.05 | 3828–3828 | 0.001–0.01 |
| k-88 | 3916–3916 | 0.001–0.01 | 3916–3916 | 0.001–0.01 | 3916–3916 | 0.04–0.06 | 3916–3916 | 0.04–0.06 | 3916–3916 | 0.001–0.01 |
| k-89 | 4005–4005 | 0.001–0.01 | 4005–4005 | 0.001–0.01 | 4005–4005 | 0.04–0.05 | 4005–4005 | 0.04–0.06 | 4005–4005 | 0.001–0.01 |
| k-90 | 4095–4095 | 0.01–0.01 | 4095–4095 | 0.001–0.01 | 4095–4095 | 0.04–0.06 | 4095–4095 | 0.05–0.06 | 4095–4095 | 0.01–0.01 |
| k-91 | 4186–4186 | 0.01–0.01 | 4186–4186 | 0.001–0.01 | 4186–4186 | 0.05–0.06 | 4186–4186 | 0.05–0.06 | 4186–4186 | 0.01–0.01 |
| k-92 | 4278–4278 | 0.01–0.01 | 4278–4278 | 0.01–0.01 | 4278–4278 | 0.05–0.06 | 4278–4278 | 0.05–0.06 | 4278–4278 | 0.001–0.01 |
| k-93 | 4371–4371 | 0.01–0.01 | 4371–4371 | 0.01–0.01 | 4371–4371 | 0.05–0.06 | 4371–4371 | 0.05–0.06 | 4371–4371 | 0.01–0.01 |
| k-94 | 4465–4465 | 0.01–0.01 | 4465–4465 | 0.01–0.01 | 4465–4465 | 0.06–0.06 | 4465–4465 | 0.06–0.06 | 4465–4465 | 0.01–0.01 |
| k-95 | 4560–4560 | 0.001–0.01 | 4560–4560 | 0.001–0.01 | 4560–4560 | 0.06–0.07 | 4560–4560 | 0.06–0.08 | 4560–4560 | 0.01–0.01 |
| k-96 | 4656–4656 | 0.001–0.01 | 4656–4656 | 0.01–0.01 | 4656–4656 | 0.06–0.07 | 4656–4656 | 0.05–0.08 | 4656–4656 | 0.01–0.01 |
| k-97 | 4753–4753 | 0.01–0.01 | 4753–4753 | 0.01–0.02 | 4753–4753 | 0.06–0.07 | 4753–4753 | 0.06–0.08 | 4753–4753 | 0.01–0.01 |
| k-98 | 4851–4851 | 0.01–0.01 | 4851–4851 | 0.01–0.01 | 4851–4851 | 0.06–0.07 | 4851–4851 | 0.07–0.08 | 4851–4851 | 0.01–0.01 |
| k-99 | 4950–4950 | 0.01–0.01 | 4950–4950 | 0.01–0.01 | 4950–4950 | 0.06–0.07 | 4950–4950 | 0.06–0.08 | 4950–4950 | 0.01–0.02 |
| k-100 | 5050–5050 | 0.01–0.01 | 5050–5050 | 0.01–0.01 | 5050–5050 | 0.07–0.08 | 5050–5050 | 0.07–0.08 | 5050–5050 | 0.01–0.02 |
| latin-2 | 10–10 | 0.001–0.001 | 10–10 | 0.001–0.001 | 10–10 | 0.001–0.001 | 10–10 | 0.001–0.001 | 10–10 | 0.001–0.001 |
| latin-3 | 28–34 | 0.001–0.001 | 28–34 | 0.001–0.001 | 28–34 | 0.001–0.001 | 28–34 | 0.001–0.001 | 28–38 | 0.001–0.001 |
| latin-4 | 11–18 | 0.001–0.001 | 11–16 | 0.001–0.001 | 12–17 | 0.001–0.001 | 11–16 | 0.001–0.001 | 10–15 | 0.001–0.001 |
| latin-5 | 10–14 | 0.001–0.001 | 10–14 | 0.001–0.001 | 10–14 | 0.001–0.001 | 10–14 | 0.001–0.001 | 12–14 | 0.001–0.001 |
| latin-6 | 14–29 | 0.001–0.001 | 14–27 | 0.001–0.001 | 9–46 | 0.001–0.001 | 11–25 | 0.001–0.001 | 33–109 | 0.001–0.001 |
| latin-7 | 10–14 | 0.001–0.001 | 10–14 | 0.001–0.001 | 11–18 | 0.001–0.001 | 11–17 | 0.001–0.001 | 12–14 | 0.001–0.001 |
| latin-8 | 14–24 | 0.001–0.001 | 16–24 | 0.001–0.001 | 15–38 | 0.001–0.001 | 15–23 | 0.001–0.001 | 34–100 | 0.001–0.001 |
| latin-9 | 11–18 | 0.001–0.001 | 14–24 | 0.001–0.001 | 10–24 | 0.001–0.001 | 12–24 | 0.001–0.001 | 25–47 | 0.001–0.001 |
| latin-10 | 13–41 | 0.001–0.001 | 17–36 | 0.001–0.001 | 10–44 | 0.001–0.001 | 10–31 | 0.001–0.001 | 38–95 | 0.001–0.001 |
| latin-11 | 10–14 | 0.001–0.001 | 10–14 | 0.001–0.001 | 8–28 | 0.001–0.001 | 9–28 | 0.001–0.01 | 12–16 | 0.001–0.001 |
| latin-12 | 16–97 | 0.001–0.01 | 16–52 | 0.001–0.001 | 28–75 | 0.001–0.01 | 20–39 | 0.001–0.01 | 161–458 | 0.001–0.02 |
| latin-13 | 10–14 | 0.001–0.001 | 10–14 | 0.001–0.001 | 9–30 | 0.001–0.01 | 9–16 | 0.001–0.01 | 12–16 | 0.001–0.001 |
| latin-14 | 13–39 | 0.001–0.01 | 19–44 | 0.001–0.001 | 14–95 | 0.001–0.05 | 13–48 | 0.001–0.02 | 35–131 | 0.001–0.01 |
| latin-15 | 14–39 | 0.001–0.01 | 21–45 | 0.001–0.01 | 14–73 | 0.001–0.02 | 14–27 | 0.001–0.02 | 38–155 | 0.01–0.02 |
| latin-16 | 15–58 | 0.001–0.03 | 21–45 | 0.001–0.02 | 19–131 | 0.01–0.02 | 17–30 | 0.01–0.02 | 144–629 | 0.02–0.06 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| latin-17 | 10–14 | 0.01–0.01 | 10–14 | 0.001–0.01 | 9–18 | 0.01–0.02 | 9–14 | 0.01–0.02 | 12–14 | 0.01–0.01 |
| latin-18 | 14–63 | 0.01–0.04 | 42–96 | 0.02–0.04 | 17–112 | 0.01–0.03 | 17–64 | 0.01–0.06 | 170–1475 | 0.03–0.14 |
| latin-19 | 10–14 | 0.01–0.02 | 10–14 | 0.01–0.02 | 11–30 | 0.02–0.04 | 11–18 | 0.02–0.04 | 12–16 | 0.01–0.02 |
| latin-20 | 16–71 | 0.02–0.08 | 16–65 | 0.02–0.04 | 21–135 | 0.02–0.05 | 27–64 | 0.03–0.08 | 246–1070 | 0.04–0.13 |
| latin-21 | 15–63 | 0.03–0.06 | 22–54 | 0.02–0.06 | 19–115 | 0.03–0.06 | 18–40 | 0.03–0.06 | 64–122 | 0.03–0.05 |
| latin-22 | 12–46 | 0.02–0.06 | 29–46 | 0.02–0.04 | 14–33 | 0.02–0.06 | 25–48 | 0.04–0.06 | 43–196 | 0.02–0.06 |
| latin-23 | 10–14 | 0.03–0.05 | 10–14 | 0.04–0.06 | 11–39 | 0.03–0.06 | 11–17 | 0.04–0.06 | 12–16 | 0.03–0.04 |
| latin-24 | 21–72 | 0.04–0.11 | 77–168 | 0.06–0.12 | 36–124 | 0.06–0.11 | 44–79 | 0.09–0.16 | 1515–8856 | 0.27–1.43 |
| latin-25 | 11–40 | 0.04–0.27 | 16–38 | 0.05–0.27 | 13–24 | 0.05–0.09 | 13–25 | 0.04–0.10 | 36–122 | 0.04–0.08 |
| latin-26 | 14–78 | 0.07–0.14 | 14–52 | 0.06–0.15 | 19–164 | 0.05–0.09 | 32–91 | 0.08–0.18 | 84–264 | 0.06–0.14 |
| latin-27 | 14–49 | 0.04–0.11 | 14–28 | 0.06–0.13 | 15–38 | 0.06–0.09 | 15–38 | 0.07–0.11 | 146–364 | 0.08–0.15 |
| latin-28 | 16–115 | 0.10–0.40 | 16–66 | 0.12–0.18 | 25–352 | 0.08–0.19 | 25–72 | 0.10–0.20 | 452–1794 | 0.16–0.50 |
| latin-29 | 10–14 | 0.09–0.14 | 10–14 | 0.10–0.17 | 12–30 | 0.08–0.15 | 12–23 | 0.07–0.14 | 12–14 | 0.06–0.08 |
| latin-30 | 19–122 | 0.16–0.46 | 55–144 | 0.19–0.38 | 48–276 | 0.10–1.28 | 69–178 | 0.16–0.34 | 754–6399 | 0.28–1.90 |
| latin-sw-10-1 | 2801–2801 | 0.09–0.10 | 2801–2801 | 0.09–0.10 | 7301–7301 | 0.10–0.13 | 7301–7301 | 0.10–0.13 | 6905–6905 | 0.22–0.23 |
| latin-sw-10-2 | 2801–7985 | 0.09–0.19 | 2801–7985 | 0.09–0.20 | 7301–7301 | 0.10–0.12 | 7301–7301 | 0.10–0.12 | 8633–8633 | 0.26–0.28 |
| latin-sw-10-3 | 2801–7409 | 0.09–0.18 | 2801–7409 | 0.09–0.18 | 7301–7301 | 0.10–0.12 | 7301–7301 | 0.10–0.12 | 7985–7985 | 0.25–0.26 |
| latin-sw-10-4 | 2801–7601 | 0.09–0.18 | 2801–7601 | 0.09–0.19 | 7301–7301 | 0.10–0.11 | 7301–7301 | 0.10–0.12 | 8201–8201 | 0.26–0.26 |
| latin-sw-10-5 | 2801–2801 | 0.09–0.10 | 2801–2801 | 0.09–0.11 | 7301–7301 | 0.10–0.12 | 7301–7301 | 0.10–0.12 | 7553–7553 | 0.24–0.27 |
| latin-sw-10-6 | 2801–7793 | 0.09–0.19 | 2801–7793 | 0.09–0.18 | 7301–7301 | 0.10–0.12 | 7301–7301 | 0.10–0.12 | 8417–8417 | 0.26–0.28 |
| latin-sw-10-7 | 2801–7025 | 0.09–0.18 | 2801–7025 | 0.09–0.18 | 7301–7301 | 0.10–0.12 | 7301–7301 | 0.10–0.12 | 7553–7553 | 0.24–0.29 |
| latin-sw-10-8 | 2801–6449 | 0.09–0.18 | 2801–6449 | 0.09–0.16 | 7301–7301 | 0.10–0.13 | 7301–7301 | 0.10–0.13 | 6905–6905 | 0.22–0.29 |
| latin-sw-10-9 | 2801–2801 | 0.09–0.12 | 2801–2801 | 0.09–0.11 | 7301–7301 | 0.10–0.14 | 7301–7301 | 0.11–0.14 | 6041–6041 | 0.20–0.22 |
| latin-sw-10-10 | 2801–7025 | 0.09–0.17 | 2801–7025 | 0.09–0.17 | 7301–7301 | 0.10–0.12 | 7301–7301 | 0.10–0.13 | 7553–7553 | 0.24–0.25 |
| latin-sw-10-11 | 2801–2801 | 0.09–0.10 | 2801–2801 | 0.09–0.10 | 7301–7301 | 0.10–0.13 | 7301–7301 | 0.10–0.14 | 6905–6905 | 0.22–0.23 |
| latin-sw-11-1 | 3752–3752 | 0.16–0.16 | 3752–3752 | 0.16–0.17 | 11012–11012 | 0.18–0.22 | 11012–11012 | 0.18–0.22 | 10232–10232 | 0.40–0.42 |
| latin-sw-11-2 | 3752–3752 | 0.16–0.16 | 3752–3752 | 0.16–0.16 | 11012–11012 | 0.17–0.21 | 11012–11012 | 0.17–0.22 | 11192–11192 | 0.44–0.49 |
| latin-sw-11-3 | 3752–8288 | 0.16–0.28 | 3752–8288 | 0.16–0.28 | 11012–11012 | 0.18–0.23 | 11012–11012 | 0.19–0.24 | 8792–8792 | 0.36–0.40 |
| latin-sw-11-4 | 3752–3752 | 0.16–0.17 | 3752–3752 | 0.16–0.17 | 11012–11012 | 0.18–0.24 | 11012–11012 | 0.18–0.24 | 8312–8312 | 0.34–0.36 |
| latin-sw-11-5 | 3752–3752 | 0.16–0.20 | 3752–3770 | 0.16–0.16 | 11012–11012 | 0.17–0.19 | 11012–11012 | 0.18–0.20 | 10472–10472 | 0.42–0.43 |
| latin-sw-11-6 | 3752–9800 | 0.16–0.32 | 3752–9800 | 0.16–0.31 | 11012–11012 | 0.17–0.21 | 11012–11012 | 0.18–0.22 | 11444–11444 | 0.44–0.80 |
| latin-sw-11-7 | 3752–9368 | 0.16–0.30 | 3752–9368 | 0.16–0.30 | 11012–11012 | 0.17–0.21 | 11012–11012 | 0.18–0.22 | 9992–9992 | 0.40–0.42 |
| latin-sw-11-8 | 3752–3752 | 0.16–0.17 | 3752–3770 | 0.16–0.17 | 11012–11012 | 0.18–0.22 | 11012–11012 | 0.18–0.24 | 8552–8552 | 0.35–0.40 |
| latin-sw-11-9 | 3752–11096 | 0.16–0.35 | 3752–11096 | 0.16–0.35 | 11012–11012 | 0.16–0.20 | 11012–11012 | 0.17–0.20 | 11912–11912 | 0.46–0.48 |
| latin-sw-11-10 | 3752–8936 | 0.16–0.30 | 3752–8936 | 0.16–0.30 | 11012–11012 | 0.18–0.22 | 11012–11012 | 0.18–0.23 | 10484–10484 | 0.41–0.84 |
| latin-sw-11-11 | 3752–9584 | 0.16–0.31 | 3752–9584 | 0.16–0.31 | 11012–11012 | 0.18–0.24 | 11012–11012 | 0.18–0.29 | 10232–10232 | 0.40–0.44 |
| latin-sw-12-1 | 4897–11377 | 0.27–0.51 | 4897–11377 | 0.26–0.49 | 15985–15985 | 0.28–0.37 | 15985–15985 | 0.30–0.37 | 12025–12025 | 0.59–0.63 |
| latin-sw-12-2 | 4897–4897 | 0.26–0.31 | 4897–4897 | 0.26–0.29 | 15985–15985 | 0.28–0.40 | 15985–15985 | 0.30–0.38 | 13081–13081 | 0.64–0.66 |
| latin-sw-12-3 | 4897–9697 | 0.27–0.43 | 4897–9697 | 0.27–0.43 | 15985–15985 | 0.30–0.34 | 15985–15985 | 0.31–0.38 | 10177–10177 | 0.52–0.57 |
| latin-sw-12-4 | 4897–4897 | 0.26–0.28 | 4897–4897 | 0.26–0.29 | 15985–15985 | 0.28–0.34 | 15985–15985 | 0.28–0.35 | 15721–15721 | 0.74–0.80 |
| latin-sw-12-5 | 4897–12097 | 0.27–0.51 | 4897–12097 | 0.27–0.53 | 15985–15985 | 0.28–0.36 | 15985–15985 | 0.30–0.38 | 12817–12817 | 0.62–0.66 |
| latin-sw-12-6 | 4897–16177 | 0.26–0.64 | 4897–16177 | 0.26–0.64 | 15985–15985 | 0.26–0.29 | 15985–15985 | 0.27–0.59 | 17305–17305 | 0.80–0.82 |
| latin-sw-12-7 | 4897–11617 | 0.27–0.52 | 4897–11617 | 0.27–0.50 | 15985–15985 | 0.28–0.36 | 15985–15985 | 0.30–0.38 | 12289–12289 | 0.60–0.73 |
| latin-sw-12-8 | 4897–4897 | 0.26–0.35 | 4897–4897 | 0.27–0.28 | 15985–15985 | 0.29–0.37 | 15985–15985 | 0.30–0.43 | 11497–11497 | 0.57–0.59 |
| latin-sw-12-9 | 4897–13537 | 0.27–0.56 | 4897–13537 | 0.26–0.55 | 15985–15985 | 0.28–0.36 | 15985–15985 | 0.29–0.36 | 14401–14401 | 0.68–0.88 |
| latin-sw-12-10 | 4897–4897 | 0.26–0.28 | 4897–4897 | 0.26–0.38 | 15985–15985 | 0.28–0.38 | 15985–15985 | 0.29–0.39 | 13345–13345 | 0.64–0.67 |
| latin-sw-12-11 | 4897–11137 | 0.27–0.48 | 4897–11137 | 0.26–0.48 | 15985–15985 | 0.29–0.37 | 15985–15985 | 0.30–0.39 | 11761–11761 | 0.58–0.65 |
| latin-sw-13-1 | 6254–6254 | 0.43–0.44 | 6254–6254 | 0.43–0.44 | 22478–22478 | 0.47–0.62 | 22478–22478 | 0.49–0.63 | 15470–15470 | 0.92–0.97 |
| latin-sw-13-2 | 6254–14702 | 0.43–0.92 | 6254–14702 | 0.43–0.80 | 22478–22478 | 0.48–1.18 | 22478–22478 | 0.49–0.63 | 15470–15470 | 0.92–0.97 |
| latin-sw-13-3 | 6254–6254 | 0.43–0.44 | 6254–6276 | 0.43–0.57 | 22478–22478 | 0.47–0.59 | 22478–22478 | 0.48–0.60 | 16622–16622 | 0.98–1.11 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| latin-sw-13-4 | 6254–6254 | 0.43–0.44 | 6254–6276 | 0.43–0.44 | 22478–22478 | 0.45–0.56 | 22478–22478 | 0.46–0.57 | 18062–18062 | 1.04–1.18 |
| latin-sw-13-5 | 6254–6254 | 0.44–0.48 | 6254–6254 | 0.44–0.50 | 22478–22478 | 0.48–0.63 | 22478–22478 | 0.49–0.65 | 14606–14606 | 0.88–0.90 |
| latin-sw-13-6 | 6254–6254 | 0.44–0.44 | 6254–6254 | 0.44–0.45 | 22478–22478 | 0.47–0.62 | 22478–22478 | 0.48–0.63 | 14318–14318 | 0.87–1.15 |
| latin-sw-13-7 | 6254–16550 | 0.43–0.85 | 6254–16550 | 0.43–0.86 | 22478–22478 | 0.46–0.57 | 22478–22478 | 0.47–0.60 | 17486–17486 | 1.01–1.30 |
| latin-sw-13-8 | 6254–14966 | 0.42–0.77 | 6254–14966 | 0.42–0.77 | 22478–22478 | 0.45–0.60 | 22478–22478 | 0.46–0.60 | 15758–15758 | 0.90–0.94 |
| latin-sw-13-9 | 6254–6254 | 0.43–0.46 | 6254–6276 | 0.43–0.50 | 22478–22478 | 0.46–0.57 | 22478–22478 | 0.47–0.59 | 17198–17198 | 1.00–1.25 |
| latin-sw-13-10 | 6254–6254 | 0.42–0.46 | 6254–6254 | 0.42–0.44 | 22478–22478 | 0.45–0.56 | 22478–22478 | 0.46–0.58 | 20078–20078 | 1.13–1.22 |
| latin-sw-13-11 | 6254–12590 | 0.44–0.71 | 6254–12590 | 0.44–0.83 | 22478–22478 | 0.49–0.63 | 22478–22478 | 0.50–0.71 | 13166–13166 | 0.81–0.90 |
| latin-sw-14-1 | 7841–7841 | 0.65–0.67 | 7841–7841 | 0.66–0.68 | 30773–30773 | 0.70–0.85 | 30773–30773 | 0.72–0.88 | 23441–23441 | 1.59–1.73 |
| latin-sw-14-2 | 7841–21089 | 0.66–1.34 | 7841–21089 | 0.66–1.35 | 30773–30773 | 0.69–4.54 | 30773–30773 | 0.71–0.91 | 22193–22193 | 1.51–1.86 |
| latin-sw-14-3 | 7841–19937 | 0.66–1.31 | 7841–19937 | 0.66–1.27 | 30773–30773 | 0.71–0.91 | 30773–30773 | 0.73–0.93 | 20945–20945 | 1.46–1.52 |
| latin-sw-14-4 | 7841–7841 | 0.65–0.75 | 7841–7841 | 0.65–0.67 | 30773–30773 | 0.68–0.78 | 30773–30773 | 0.70–0.76 | 22817–22817 | 1.55–1.61 |
| latin-sw-14-5 | 7841–7841 | 0.66–0.70 | 7841–7841 | 0.66–0.68 | 30773–30773 | 0.72–0.92 | 30773–30773 | 0.75–0.93 | 19385–19385 | 1.36–1.45 |
| latin-sw-14-6 | 7841–17345 | 0.67–1.18 | 7841–17345 | 0.66–1.16 | 30773–30773 | 0.72–0.95 | 30773–30773 | 0.75–0.99 | 18137–18137 | 1.30–1.50 |
| latin-sw-14-7 | 7841–7841 | 0.66–0.80 | 7841–7841 | 0.66–0.69 | 30773–30773 | 0.69–0.89 | 30773–30773 | 0.72–0.94 | 22505–22505 | 1.54–1.58 |
| latin-sw-14-8 | 7841–19073 | 0.66–1.46 | 7841–19073 | 0.66–1.24 | 30773–30773 | 0.72–0.93 | 30773–30773 | 0.74–0.96 | 20009–20009 | 1.40–1.64 |
| latin-sw-14-9 | 7841–7841 | 0.66–0.67 | 7841–7841 | 0.66–0.73 | 30773–30773 | 0.71–0.93 | 30773–30773 | 0.72–0.94 | 22241–22241 | 1.51–4.00 |
| latin-sw-14-10 | 7841–21089 | 0.63–1.33 | 7841–21089 | 0.63–1.31 | 30773–30773 | 0.70–0.87 | 30773–30773 | 0.71–0.90 | 22193–22193 | 1.50–1.57 |
| latin-sw-14-11 | 7841–22529 | 0.63–1.40 | 7841–22529 | 0.63–1.40 | 30773–30773 | 0.68–0.89 | 30773–30773 | 0.70–0.90 | 23753–23753 | 1.58–1.65 |
| latin-sw-15-1 | 9676–9676 | 1.01–1.02 | 9676–9676 | 1.00–1.03 | 41176–41176 | 1.03–1.30 | 41176–41176 | 1.06–1.32 | 28492–28492 | 2.26–2.41 |
| latin-sw-15-2 | 9676–9676 | 1.01–1.03 | 9676–9676 | 1.01–1.07 | 41176–41176 | 1.05–1.36 | 41176–41176 | 1.06–1.64 | 27148–27148 | 2.15–2.51 |
| latin-sw-15-3 | 9676–26212 | 0.99–2.04 | 9676–26212 | 1.00–2.04 | 41176–41176 | 1.04–1.34 | 41176–41176 | 1.08–1.37 | 27484–27484 | 2.18–5.28 |
| latin-sw-15-4 | 9676–9676 | 1.00–1.13 | 9676–9676 | 1.00–1.02 | 41176–41176 | 1.03–1.34 | 41176–41176 | 1.06–1.35 | 28156–28156 | 2.24–2.33 |
| latin-sw-15-5 | 9676–24652 | 1.00–1.94 | 9676–24652 | 1.01–1.98 | 41176–41176 | 1.06–1.36 | 41176–41176 | 1.07–1.52 | 25804–25804 | 2.08–2.20 |
| latin-sw-15-6 | 9676–9676 | 1.00–1.09 | 9676–9676 | 1.00–1.03 | 41176–41176 | 1.04–1.29 | 41176–41176 | 1.06–1.35 | 27484–27484 | 2.19–2.51 |
| latin-sw-15-7 | 9676–9676 | 1.01–1.03 | 9676–9676 | 1.00–1.07 | 41176–41176 | 1.05–1.40 | 41176–41176 | 1.08–1.38 | 25804–25804 | 2.09–2.14 |
| latin-sw-15-8 | 9676–9676 | 1.00–1.18 | 9676–9676 | 1.01–1.04 | 41176–41176 | 1.10–1.44 | 41176–41176 | 1.12–1.46 | 20764–20764 | 1.72–1.81 |
| latin-sw-15-9 | 9676–24340 | 1.01–1.92 | 9676–24340 | 1.00–1.90 | 41176–41176 | 1.05–2.07 | 41176–41176 | 1.08–1.40 | 26872–26872 | 2.16–2.36 |
| latin-sw-15-10 | 9676–9676 | 1.00–1.03 | 9676–9676 | 1.00–1.02 | 41176–41176 | 1.06–1.38 | 41176–41176 | 1.07–1.41 | 25468–25468 | 2.06–2.21 |
| latin-sw-15-11 | 9676–24340 | 1.01–1.91 | 9676–24340 | 1.01–1.93 | 41176–41176 | 1.04–1.15 | 41176–41176 | 1.08–1.15 | 25468–25468 | 2.06–2.28 |
| latin-sw-16-1 | 11777–33281 | 1.39–2.98 | 11777–33281 | 1.38–3.00 | 54017–54017 | 1.48–1.89 | 54017–54017 | 1.52–2.01 | 34817–34817 | 3.08–4.18 |
| latin-sw-16-2 | 11777–11777 | 1.44–1.47 | 11777–11777 | 1.44–1.58 | 54017–54017 | 1.53–1.94 | 54017–54017 | 1.55–2.02 | 34817–34817 | 3.21–3.31 |
| latin-sw-16-3 | 11777–11777 | 1.44–1.97 | 11777–11777 | 1.45–1.68 | 54017–54017 | 1.54–1.98 | 54017–54017 | 1.58–2.18 | 33377–33377 | 3.10–3.29 |
| latin-sw-16-4 | 11777–32273 | 1.44–2.97 | 11777–32273 | 1.41–3.35 | 54017–54017 | 1.53–1.92 | 54017–54017 | 1.58–1.96 | 33737–33737 | 3.07–3.64 |
| latin-sw-16-5 | 11777–11777 | 1.43–1.45 | 11777–11777 | 1.43–1.53 | 54017–54017 | 1.51–1.91 | 54017–54017 | 1.54–2.01 | 36257–36257 | 3.30–3.38 |
| latin-sw-16-6 | 11777–11777 | 1.42–1.48 | 11777–11777 | 1.43–1.48 | 54017–54017 | 1.52–1.93 | 54017–54017 | 1.54–1.95 | 35177–35177 | 3.21–3.37 |
| latin-sw-16-7 | 11777–35633 | 1.44–3.35 | 11777–35633 | 1.43–3.24 | 54017–54017 | 1.48–1.91 | 54017–54017 | 1.51–1.88 | 37337–37337 | 3.38–3.50 |
| latin-sw-16-8 | 11777–37649 | 1.43–3.61 | 11777–37649 | 1.42–3.36 | 54017–54017 | 1.50–1.87 | 54017–54017 | 1.50–1.88 | 39497–39497 | 3.59–3.75 |
| latin-sw-16-9 | 11777–30257 | 1.41–2.83 | 11777–30257 | 1.44–2.94 | 54017–54017 | 1.57–2.00 | 54017–54017 | 1.59–2.07 | 31577–31577 | 2.94–3.13 |
| latin-sw-16-10 | 11777–34961 | 2.01–8.08 | 11777–34961 | 2.01–8.18 | 54017–54017 | 2.03–3.79 | 54017–54017 | 2.04–4.03 | 36617–36617 | 4.54–9.07 |
| latin-sw-16-11 | 11777–11777 | 1.41–1.79 | 11777–11777 | 1.44–1.48 | 54017–54017 | 1.54–1.91 | 54017–54017 | 1.56–1.93 | 34457–34457 | 3.15–3.25 |
| latin-sw-17-1 | 14162–14162 | 2.13–2.19 | 14162–14162 | 2.15–2.22 | 69650–69650 | 2.16–2.89 | 69650–69650 | 2.20–2.86 | 41810–41810 | 4.44–5.26 |
| latin-sw-17-2 | 14162–14162 | 2.14–2.21 | 14162–14162 | 2.15–2.55 | 69650–69650 | 2.18–2.74 | 69650–69650 | 2.24–2.79 | 42194–42194 | 4.48–4.70 |
| latin-sw-17-3 | 14162–14162 | 2.16–2.25 | 14162–14162 | 2.16–2.28 | 69650–69650 | 2.24–2.97 | 69650–69650 | 2.30–3.27 | 37970–37970 | 4.12–4.75 |
| latin-sw-17-4 | 14162–38642 | 2.14–4.35 | 14162–38642 | 2.15–4.31 | 69650–69650 | 2.21–2.86 | 69650–69650 | 2.26–2.94 | 40274–40274 | 4.31–4.55 |
| latin-sw-17-5 | 14162–14162 | 2.17–2.22 | 14162–14162 | 2.18–2.26 | 69650–69650 | 2.25–2.92 | 69650–69650 | 2.30–2.99 | 33746–33746 | 3.75–4.00 |
| latin-sw-17-6 | 14162–14162 | 2.12–2.26 | 14162–14162 | 2.10–2.31 | 69650–69650 | 2.14–2.93 | 69650–69650 | 2.26–2.92 | 34898–34898 | 3.71–3.88 |
| latin-sw-17-7 | 14162–14162 | 2.16–2.21 | 14162–14162 | 2.16–2.29 | 69650–69650 | 2.28–2.96 | 69650–69650 | 2.34–3.08 | 34898–34898 | 3.84–4.09 |
| latin-sw-17-8 | 14162–35762 | 2.10–3.99 | 14162–35762 | 2.10–4.02 | 69650–69650 | 2.24–2.96 | 69650–69650 | 2.29–2.96 | 37202–37202 | 3.94–5.01 |
| latin-sw-17-9 | 14162–14162 | 2.16–2.38 | 14162–14162 | 2.16–2.20 | 69650–69650 | 2.25–2.98 | 69650–69650 | 2.30–3.01 | 36050–36050 | 3.96–4.38 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| latin-sw-17-10 | 14162–41522 | 2.15–4.58 | 14162–41522 | 2.15–4.59 | 69650–69650 | 2.15–2.78 | 69650–69650 | 2.22–2.84 | 43346–43346 | 4.60–5.32 |
| latin-sw-17-11 | 14162–38642 | 2.16–4.32 | 14162–38642 | 2.16–4.33 | 69650–69650 | 2.20–2.85 | 69650–69650 | 2.27–2.95 | 40274–40274 | 4.30–4.45 |
| latin-sw-18-1 | 16849–51409 | 3.00–6.62 | 16849–51409 | 3.01–6.66 | 88453–88453 | 3.02–3.93 | 88453–88453 | 3.08–3.92 | 53569–53569 | 6.36–6.64 |
| latin-sw-18-2 | 16849–16849 | 3.04–3.16 | 16849–16849 | 3.00–3.64 | 88453–88453 | 3.09–4.09 | 88453–88453 | 3.16–4.09 | 49897–49897 | 6.04–6.35 |
| latin-sw-18-3 | 16849–16849 | 2.98–3.09 | 16849–16849 | 2.93–3.13 | 88453–88453 | 3.01–4.70 | 88453–88453 | 3.04–3.78 | 56425–56425 | 6.67–6.90 |
| latin-sw-18-4 | 16849–16849 | 2.99–3.16 | 16849–16849 | 2.98–3.19 | 88453–88453 | 3.02–3.79 | 88453–88453 | 3.08–3.90 | 55201–55201 | 6.53–6.73 |
| latin-sw-18-5 | 16849–44881 | 3.02–5.94 | 16849–44881 | 3.02–6.00 | 88453–88453 | 3.10–4.01 | 88453–88453 | 3.14–4.09 | 46633–46633 | 5.68–6.93 |
| latin-sw-18-6 | 16849–46417 | 3.04–6.43 | 16849–46417 | 3.02–6.17 | 88453–88453 | 3.07–3.91 | 88453–88453 | 3.14–3.98 | 49993–49993 | 6.01–6.14 |
| latin-sw-18-7 | 16849–16849 | 2.98–3.07 | 16849–16849 | 2.96–3.24 | 88453–88453 | 2.94–3.67 | 88453–88453 | 3.01–3.72 | 64177–64177 | 7.42–7.74 |
| latin-sw-18-8 | 16849–16849 | 2.92–3.12 | 16849–16849 | 2.90–3.03 | 88453–88453 | 3.04–3.98 | 88453–88453 | 3.12–3.93 | 52345–52345 | 6.11–6.53 |
| latin-sw-18-9 | 16849–16849 | 3.05–3.11 | 16849–16881 | 3.04–3.09 | 88453–88453 | 3.13–4.03 | 88453–88453 | 3.18–4.14 | 45817–45817 | 5.59–7.08 |
| latin-sw-18-10 | 16849–42577 | 3.04–5.78 | 16849–42577 | 3.03–5.78 | 88453–88453 | 3.14–4.02 | 88453–88453 | 3.18–4.15 | 44185–44185 | 5.45–8.12 |
| latin-sw-18-11 | 16849–16849 | 3.00–3.45 | 16849–16849 | 3.04–3.46 | 88453–88453 | 3.12–3.96 | 88453–88453 | 3.16–4.01 | 48265–48265 | 5.85–11.13 |
| latin-sw-19-1 | 19856–56576 | 4.18–8.78 | 19856–56576 | 4.17–8.64 | 110828–110828 | 4.27–5.39 | 110828–110828 | 4.36–5.52 | 58736–58736 | 7.98–9.98 |
| latin-sw-19-2 | 19856–50456 | 4.18–7.88 | 19856–50456 | 4.17–8.82 | 110828–110828 | 4.35–5.64 | 110828–110828 | 4.39–5.82 | 54092–54092 | 7.44–7.92 |
| latin-sw-19-3 | 19856–52496 | 4.00–7.90 | 19856–52496 | 3.96–8.08 | 110828–110828 | 4.34–5.53 | 110828–110828 | 4.43–5.66 | 54416–54416 | 7.26–8.54 |
| latin-sw-19-4 | 19856–19856 | 4.10–4.56 | 19856–19856 | 4.12–4.24 | 110828–110828 | 4.19–5.22 | 110828–110828 | 4.31–5.33 | 66512–66512 | 8.90–9.10 |
| latin-sw-19-5 | 19856–19856 | 4.16–4.24 | 19856–19856 | 4.15–4.37 | 110828–110828 | 4.24–5.53 | 110828–110828 | 4.31–5.60 | 53984–53984 | 7.47–7.82 |
| latin-sw-19-6 | 19856–50048 | 4.01–7.56 | 19856–50048 | 4.01–7.91 | 110828–110828 | 4.45–5.62 | 110828–110828 | 4.47–6.07 | 51824–51824 | 7.20–7.50 |
| latin-sw-19-7 | 19856–52904 | 4.06–8.01 | 19856–52904 | 4.03–8.06 | 110828–110828 | 4.32–5.74 | 110828–110828 | 4.43–5.68 | 54848–54848 | 7.59–7.88 |
| latin-sw-19-8 | 19856–19856 | 4.00–4.27 | 19856–19856 | 4.01–4.24 | 110828–110828 | 4.32–5.55 | 110828–110828 | 4.33–5.53 | 55712–55712 | 7.41–7.76 |
| latin-sw-19-9 | 19856–19856 | 4.16–4.47 | 19856–19856 | 4.14–4.28 | 110828–110828 | 4.32–5.58 | 110828–110828 | 4.40–5.54 | 55712–55712 | 7.65–7.94 |
| latin-sw-19-10 | 19856–47600 | 4.18–8.54 | 19856–47600 | 4.17–7.58 | 110828–110828 | 4.46–5.62 | 110828–110828 | 4.54–5.86 | 49232–49232 | 6.93–7.16 |
| latin-sw-19-11 | 19856–19856 | 4.15–5.51 | 19856–19856 | 4.14–4.23 | 110828–110828 | 4.32–5.46 | 110828–110828 | 4.41–5.66 | 53552–53552 | 7.40–7.69 |
| latin-sw-20-1 | 23201–82817 | 5.61–14.16 | 23201–82817 | 5.60–14.02 | 137201–137201 | 5.47–6.78 | 137201–137201 | 5.55–8.07 | 86129–86129 | 12.65–12.99 |
| latin-sw-20-2 | 23201–61217 | 5.60–11.02 | 23201–61217 | 5.62–10.99 | 137201–137201 | 5.86–7.51 | 137201–137201 | 5.96–7.46 | 63329–63329 | 9.78–12.44 |
| latin-sw-20-3 | 23201–65105 | 5.63–11.58 | 23201–65105 | 5.65–11.58 | 137201–137201 | 5.81–7.36 | 137201–137201 | 5.91–7.37 | 67433–67433 | 10.28–10.80 |
| latin-sw-20-4 | 23201–63377 | 5.60–11.31 | 23201–63377 | 5.59–13.14 | 137201–137201 | 5.78–7.42 | 137201–137201 | 5.84–7.72 | 65609–65609 | 10.12–12.59 |
| latin-sw-20-5 | 23201–62081 | 5.62–11.11 | 23201–62081 | 5.61–11.20 | 137201–137201 | 5.85–7.58 | 137201–137201 | 5.91–7.59 | 64241–64241 | 9.88–10.67 |
| latin-sw-20-6 | 23201–23201 | 5.64–5.80 | 23201–23201 | 5.64–7.15 | 137201–137201 | 5.85–7.48 | 137201–137201 | 5.93–7.54 | 65609–65609 | 10.09–10.38 |
| latin-sw-20-7 | 23201–23201 | 5.58–5.64 | 23201–23337 | 5.59–7.42 | 137201–137201 | 5.69–7.17 | 137201–137201 | 5.76–7.24 | 73937–73937 | 11.17–11.43 |
| latin-sw-20-8 | 23201–79361 | 5.55–14.60 | 23201–79361 | 5.58–13.48 | 137201–137201 | 5.53–6.82 | 137201–137201 | 5.61–6.94 | 82481–82481 | 12.22–12.78 |
| latin-sw-20-9 | 23201–63377 | 5.66–11.47 | 23201–63377 | 5.67–11.32 | 137201–137201 | 5.75–91.42 | 137201–137201 | 5.84–7.65 | 65609–65609 | 10.09–10.40 |
| latin-sw-20-10 | 23201–23201 | 5.45–6.31 | 23201–23237 | 5.48–6.06 | 137201–137201 | 5.81–7.53 | 137201–137201 | 5.83–7.68 | 61049–61049 | 9.26–10.13 |
| latin-sw-20-11 | 23201–68993 | 5.62–17.57 | 23201–68993 | 5.62–12.35 | 137201–137201 | 5.80–7.34 | 137201–137201 | 5.89–7.74 | 73481–73481 | 11.10–11.75 |
| latin-sw-21-1 | 26902–26902 | 7.44–8.26 | 26902–26978 | 7.44–7.76 | 168022–168022 | 7.94–10.07 | 168022–168022 | 8.08–10.29 | 71542–71542 | 12.38–12.75 |
| latin-sw-21-2 | 26902–66118 | 7.49–13.88 | 26902–66118 | 7.47–13.88 | 168022–168022 | 7.86–10.08 | 168022–168022 | 7.97–10.46 | 68182–68182 | 11.92–12.25 |
| latin-sw-21-3 | 26902–73870 | 7.44–15.07 | 26902–73870 | 7.44–14.92 | 168022–168022 | 7.74–9.80 | 168022–168022 | 7.93–10.00 | 76342–76342 | 13.10–13.87 |
| latin-sw-21-4 | 26902–72502 | 7.42–14.68 | 26902–72502 | 7.38–14.68 | 168022–168022 | 7.64–10.07 | 168022–168022 | 7.78–11.17 | 76954–76954 | 13.10–13.55 |
| latin-sw-21-5 | 26902–72958 | 7.15–14.24 | 26902–72958 | 7.12–14.26 | 168022–168022 | 7.71–11.69 | 168022–168022 | 7.92–10.09 | 75382–75382 | 12.56–13.34 |
| latin-sw-21-6 | 26902–75238 | 7.44–15.26 | 26902–75238 | 7.42–15.26 | 168022–168022 | 7.82–9.71 | 168022–168022 | 7.98–9.83 | 77782–77782 | 13.33–13.78 |
| latin-sw-21-7 | 26902–26902 | 7.42–7.55 | 26902–26902 | 7.44–8.14 | 168022–168022 | 7.54–9.68 | 168022–168022 | 7.66–10.22 | 83194–83194 | 13.96–15.41 |
| latin-sw-21-8 | 26902–26902 | 10.18–21.77 | 26902–26902 | 11.73–21.24 | 168022–168022 | 13.80–21.54 | 168022–168022 | 14.99–22.13 | 72502–72502 | 21.35–33.83 |
| latin-sw-21-9 | 26902–26902 | 7.46–8.21 | 26902–26902 | 7.47–7.64 | 168022–168022 | 7.95–13.35 | 168022–168022 | 8.09–10.16 | 70102–70102 | 12.24–12.96 |
| latin-sw-21-10 | 26902–26902 | 7.16–9.53 | 26902–26902 | 7.15–9.56 | 168022–168022 | 7.75–9.86 | 168022–168022 | 7.87–9.89 | 68182–68182 | 11.47–13.70 |
| latin-sw-21-11 | 26902–26902 | 7.50–8.18 | 26902–26902 | 7.48–7.66 | 168022–168022 | 7.87–11.25 | 168022–168022 | 8.00–10.34 | 69754–69754 | 12.14–12.91 |
| latin-sw-22-1 | 30977–30977 | 9.97–11.07 | 30977–30977 | 9.98–10.24 | 203765–203765 | 10.58–13.50 | 203765–203765 | 10.69–13.66 | 77345–77345 | 15.25–18.58 |
| latin-sw-22-2 | 30977–110657 | 9.73–24.48 | 30977–110657 | 9.70–24.42 | 203765–203765 | 9.77–12.26 | 203765–203765 | 9.97–12.29 | 114641–114641 | 21.08–22.21 |
| latin-sw-22-3 | 30977–30977 | 9.93–13.77 | 30977–30977 | 9.94–10.22 | 203765–203765 | 10.28–13.04 | 203765–203765 | 10.43–13.36 | 83393–83393 | 16.18–16.82 |
| latin-sw-22-4 | 30977–99617 | 9.82–22.49 | 30977–99617 | 9.78–22.65 | 203765–203765 | 9.86–12.60 | 203765–203765 | 10.05–12.65 | 103049–103049 | 19.41–23.64 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| latin-sw-22-5 | 30977–97697 | 9.87–22.24 | 30977–97697 | 9.76–22.01 | 203765–203765 | 9.94–12.48 | 203765–203765 | 10.22–12.86 | 101033–101033 | 19.05–19.78 |
| latin-sw-22-6 | 30977–30977 | 9.86–10.12 | 30977–30977 | 9.82–10.20 | 203765–203765 | 9.98–12.50 | 203765–203765 | 10.14–12.98 | 99521–99521 | 18.78–19.90 |
| latin-sw-22-7 | 30977–88577 | 9.49–20.60 | 30977–88577 | 9.48–20.37 | 203765–203765 | 9.69–12.76 | 203765–203765 | 9.82–12.90 | 91457–91457 | 16.92–18.38 |
| latin-sw-22-8 | 30977–90977 | 9.94–21.04 | 30977–90977 | 9.92–21.10 | 203765–203765 | 10.09–12.14 | 203765–203765 | 10.27–11.11 | 93977–93977 | 17.95–19.08 |
| latin-sw-22-9 | 30977–30977 | 9.79–10.00 | 30977–30977 | 9.79–10.12 | 203765–203765 | 10.02–12.89 | 203765–203765 | 10.20–12.81 | 94985–94985 | 18.02–18.36 |
| latin-sw-22-10 | 30977–94337 | 9.78–21.60 | 30977–94337 | 9.82–21.69 | 203765–203765 | 10.12–12.64 | 203765–203765 | 10.27–12.95 | 97505–97505 | 18.43–28.37 |
| latin-sw-22-11 | 30977–97697 | 9.73–22.02 | 30977–97697 | 9.76–21.98 | 203765–203765 | 10.04–12.53 | 203765–203765 | 10.17–13.04 | 101033–101033 | 18.95–22.72 |
| latin-sw-23-1 | 35444–35444 | 12.83–13.31 | 35444–35444 | 12.87–13.04 | 244928–244928 | 13.99–17.60 | 244928–244928 | 14.22–17.77 | 86660–86660 | 18.76–19.56 |
| latin-sw-23-2 | 35444–35444 | 12.62–13.51 | 35444–35444 | 12.66–13.17 | 244928–244928 | 13.54–17.11 | 244928–244928 | 13.74–17.50 | 107780–107780 | 22.36–23.61 |
| latin-sw-23-3 | 35444–35444 | 12.23–13.35 | 35444–35444 | 12.22–12.97 | 244928–244928 | 13.78–17.85 | 244928–244928 | 13.98–17.82 | 91412–91412 | 18.86–20.41 |
| latin-sw-23-4 | 35444–35444 | 12.84–12.99 | 35444–35444 | 12.82–13.00 | 244928–244928 | 13.97–18.16 | 244928–244928 | 14.31–18.85 | 95108–95108 | 20.28–21.15 |
| latin-sw-23-5 | 35444–35444 | 12.73–13.04 | 35444–35444 | 12.72–13.83 | 244928–244928 | 13.55–17.65 | 244928–244928 | 13.66–20.06 | 102500–102500 | 21.48–22.41 |
| latin-sw-23-6 | 35444–35444 | 12.22–12.89 | 35444–35444 | 12.29–13.64 | 244928–244928 | 13.78–17.53 | 244928–244928 | 13.98–17.74 | 90884–90884 | 19.52–21.02 |
| latin-sw-23-7 | 35444–72236 | 12.99–20.85 | 35444–72236 | 13.00–20.71 | 244928–244928 | 13.96–18.36 | 244928–244928 | 14.15–20.40 | 73988–73988 | 16.66–17.50 |
| latin-sw-23-8 | 35444–35444 | 12.85–13.77 | 35444–35444 | 12.80–13.77 | 244928–244928 | 13.74–18.48 | 244928–244928 | 13.79–18.72 | 91940–91940 | 19.66–20.48 |
| latin-sw-23-9 | 35444–35444 | 12.71–13.27 | 35444–35444 | 12.72–12.87 | 244928–244928 | 14.06–17.59 | 244928–244928 | 14.12–17.94 | 93524–93524 | 19.90–21.09 |
| latin-sw-23-10 | 35444–89876 | 12.71–25.42 | 35444–89876 | 12.70–23.97 | 244928–244928 | 13.76–17.91 | 244928–244928 | 13.99–24.51 | 92468–92468 | 19.78–20.39 |
| latin-sw-23-11 | 35444–35444 | 12.84–14.38 | 35444–35444 | 12.80–13.41 | 244928–244928 | 13.72–17.59 | 244928–244928 | 13.98–17.92 | 93524–93524 | 20.02–20.66 |
| latin-sw-24-1 | 40321–125857 | 16.12–36.63 | 40321–125857 | 16.22–39.67 | 292033–292033 | 17.03–23.87 | 292033–292033 | 17.19–21.96 | 134497–134497 | 30.51–36.48 |
| latin-sw-24-2 | 40321–40321 | 16.25–17.01 | 40321–40321 | 16.36–16.62 | 292033–292033 | 18.01–22.93 | 292033–292033 | 18.34–25.49 | 110977–110977 | 25.92–31.47 |
| latin-sw-24-3 | 40321–124801 | 19.96–43.43 | 40321–124801 | 19.96–43.39 | 292033–292033 | 19.76–25.10 | 292033–292033 | 19.96–25.47 | 128641–128641 | 36.13–40.31 |
| latin-sw-24-4 | 40321–40321 | 19.15–20.02 | 40321–40321 | 19.18–20.04 | 292033–292033 | 20.34–25.65 | 292033–292033 | 20.07–25.93 | 125281–125281 | 33.89–35.81 |
| latin-sw-24-5 | 40321–131137 | 19.92–45.48 | 40321–131137 | 19.89–45.37 | 292033–292033 | 19.82–24.95 | 292033–292033 | 20.02–25.18 | 147889–147889 | 40.47–41.09 |
| latin-sw-24-6 | 40321–40321 | 19.99–20.06 | 40321–40321 | 19.97–20.16 | 292033–292033 | 20.19–25.66 | 292033–292033 | 20.37–25.67 | 130969–130969 | 36.49–37.31 |
| latin-sw-24-7 | 40321–49393 | 19.92–22.48 | 40321–49393 | 19.91–22.48 | 292033–292033 | 19.79–24.70 | 292033–292033 | 19.98–24.98 | 145321–145321 | 39.90–40.69 |
| latin-sw-24-8 | 40321–40321 | 19.80–20.05 | 40321–40321 | 19.82–20.05 | 292033–292033 | 20.47–21.60 | 292033–292033 | 20.66–21.84 | 121249–121249 | 34.02–34.61 |
| latin-sw-24-9 | 40321–40321 | 19.80–19.92 | 40321–40321 | 19.83–19.94 | 292033–292033 | 19.43–24.52 | 292033–292033 | 19.64–24.74 | 150121–150121 | 41.15–41.65 |
| latin-sw-24-10 | 40321–110545 | 20.01–41.71 | 40321–110545 | 20.07–40.71 | 292033–292033 | 20.55–26.33 | 292033–292033 | 20.74–26.22 | 113737–113737 | 32.55–39.13 |
| latin-sw-24-11 | 40321–40321 | 19.96–20.09 | 40321–40321 | 19.95–20.01 | 292033–292033 | 20.71–26.02 | 292033–292033 | 20.92–26.10 | 119593–119593 | 33.85–34.39 |
| latin-sw-25-1 | 45626–113522 | 25.81–47.02 | 45626–113522 | 25.79–46.95 | 345626–345626 | 26.99–33.81 | 345626–345626 | 27.25–34.30 | 118958–118958 | 37.83–38.33 |
| latin-sw-25-2 | 45626–119594 | 25.69–48.66 | 45626–119594 | 25.70–48.67 | 345626–345626 | 26.63–33.36 | 345626–345626 | 26.87–33.82 | 122810–122810 | 38.82–39.80 |
| latin-sw-25-3 | 45626–45626 | 26.22–34.84 | 45626–45626 | 32.47–35.34 | 345626–345626 | 30.14–40.17 | 345626–345626 | 29.89–39.81 | 114170–114170 | 43.25–52.75 |
| latin-sw-25-4 | 45626–45626 | 25.99–26.05 | 45626–45626 | 26.00–26.09 | 345626–345626 | 26.40–33.84 | 345626–345626 | 26.56–34.32 | 115898–115898 | 37.18–37.81 |
| latin-sw-25-5 | 45626–125114 | 25.52–50.13 | 45626–125114 | 25.52–50.07 | 345626–345626 | 26.62–33.15 | 345626–345626 | 26.90–33.61 | 128570–128570 | 40.23–40.83 |
| latin-sw-25-6 | 45626–45626 | 25.89–26.01 | 45626–45626 | 25.92–26.01 | 345626–345626 | 26.29–34.18 | 345626–345626 | 26.59–34.25 | 111290–111290 | 35.86–36.48 |
| latin-sw-25-7 | 45626–45626 | 20.65–22.15 | 45626–45626 | 20.61–20.84 | 345626–345626 | 22.74–30.57 | 345626–345626 | 23.20–29.69 | 136058–136058 | 34.27–35.96 |
| latin-sw-25-8 | 45626–45626 | 20.71–20.91 | 45626–45626 | 20.71–21.90 | 345626–345626 | 23.04–31.35 | 345626–345626 | 23.08–30.46 | 124142–124142 | 31.80–32.61 |
| latin-sw-25-9 | 45626–45626 | 21.09–27.16 | 45626–45626 | 21.09–22.80 | 345626–345626 | 22.69–30.56 | 345626–345626 | 23.02–30.60 | 108410–108410 | 28.65–32.54 |
| latin-sw-25-10 | 45626–45626 | 25.82–25.89 | 45626–45626 | 25.83–25.95 | 345626–345626 | 26.22–33.68 | 345626–345626 | 26.45–33.85 | 117626–117626 | 37.51–38.00 |
| latin-sw-25-11 | 45626–45626 | 25.78–25.84 | 45626–45626 | 25.78–25.88 | 345626–345626 | 26.78–34.07 | 345626–345626 | 27.04–34.43 | 114170–114170 | 36.53–37.01 |
| latin-sw-26-1 | 51377–51377 | 25.43–29.17 | 51377–51377 | 25.43–26.32 | 406277–406277 | 28.72–36.20 | 406277–406277 | 28.86–36.66 | 149177–149177 | 41.32–51.25 |
| latin-sw-26-2 | 51377–144689 | 25.14–53.73 | 51377–144689 | 25.06–51.93 | 406277–406277 | 28.36–36.91 | 406277–406277 | 28.72–37.10 | 148577–148577 | 39.57–43.07 |
| latin-sw-26-3 | 51377–51377 | 26.16–26.88 | 51377–51377 | 26.09–27.52 | 406277–406277 | 27.60–36.40 | 406277–406277 | 27.80–36.40 | 165377–165377 | 45.53–48.09 |
| latin-sw-26-4 | 51377–168305 | 26.01–60.11 | 51377–168305 | 26.07–60.46 | 406277–406277 | 27.67–31.04 | 406277–406277 | 28.22–30.41 | 173177–173177 | 46.98–390.03 |
| latin-sw-26-5 | 51377–141809 | 26.14–53.31 | 51377–141809 | 26.18–53.52 | 406277–406277 | 28.63–38.87 | 406277–406277 | 29.18–51.49 | 145577–145577 | 40.47–42.46 |
| latin-sw-26-6 | 51377–51377 | 25.86–27.79 | 51377–51521 | 25.97–27.76 | 406277–406277 | 28.25–36.18 | 406277–406277 | 28.77–36.35 | 161777–161777 | 44.19–45.76 |
| latin-sw-26-7 | 51377–51377 | 26.03–27.32 | 51377–51377 | 26.10–26.70 | 406277–406277 | 27.17–34.88 | 406277–406277 | 27.87–34.75 | 187577–187577 | 50.06–52.11 |
| latin-sw-26-8 | 51377–51377 | 26.24–27.26 | 51377–51377 | 26.17–26.52 | 406277–406277 | 28.64–36.21 | 406277–406277 | 28.94–37.11 | 154577–154577 | 42.57–43.92 |
| latin-sw-26-9 | 51377–51377 | 25.96–27.46 | 51377–51377 | 25.97–27.07 | 406277–406277 | 28.85–35.82 | 406277–406277 | 29.16–35.82 | 162377–162377 | 44.29–46.93 |
| latin-sw-26-10 | 51377–148721 | 26.08–58.19 | 51377–148721 | 25.94–54.41 | 406277–406277 | 28.61–36.27 | 406277–406277 | 28.74–36.97 | 152777–152777 | 42.88–83.72 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| latin-sw-26-11 | 51377–51377 | 26.01–26.60 | 51377–51377 | 26.13–26.90 | 406277–406277 | 28.20–38.17 | 406277–406277 | 28.52–36.27 | 162377–162377 | 44.30–53.10 |
| latin-sw-27-1 | 57592–57592 | 32.69–32.90 | 57592–57592 | 32.62–33.37 | 474580–474580 | 38.05–47.18 | 474580–474580 | 38.49–48.05 | 150772–150772 | 46.46–51.40 |
| latin-sw-27-2 | 57592–57592 | 33.54–35.97 | 57592–57592 | 33.37–34.44 | 474580–474580 | 36.80–49.58 | 474580–474580 | 37.83–50.35 | 142240–142240 | 44.40–46.89 |
| latin-sw-27-3 | 57592–57592 | 32.63–33.38 | 57592–57592 | 32.70–33.24 | 474580–474580 | 37.13–47.49 | 474580–474580 | 37.43–48.43 | 146824–146824 | 45.59–48.29 |
| latin-sw-27-4 | 57592–142792 | 32.81–61.01 | 57592–142792 | 32.85–60.91 | 474580–474580 | 37.08–47.57 | 474580–474580 | 37.15–48.74 | 148900–148900 | 46.25–56.57 |
| latin-sw-27-5 | 57592–57592 | 31.26–33.33 | 57592–57592 | 31.44–33.56 | 474580–474580 | 37.66–39.14 | 474580–474580 | 38.09–40.00 | 143908–143908 | 44.62–46.71 |
| latin-sw-27-6 | 57592–156592 | 31.26–62.70 | 57592–156592 | 31.28–64.53 | 474580–474580 | 38.45–47.37 | 474580–474580 | 38.64–47.53 | 160552–160552 | 48.21–50.32 |
| latin-sw-27-7 | 57592–140392 | 31.73–60.01 | 57592–140392 | 31.86–59.88 | 474580–474580 | 37.87–48.69 | 474580–474580 | 38.16–48.85 | 149104–149104 | 46.13–47.65 |
| latin-sw-27-8 | 57592–57592 | 32.73–35.41 | 57592–57592 | 32.65–34.19 | 474580–474580 | 37.12–48.30 | 474580–474580 | 37.38–50.40 | 149944–149944 | 46.41–48.61 |
| latin-sw-27-9 | 57592–57592 | 31.42–32.55 | 57592–57592 | 31.45–32.46 | 474580–474580 | 37.50–48.13 | 474580–474580 | 38.21–48.74 | 135172–135172 | 41.41–43.38 |
| latin-sw-27-10 | 57592–57592 | 31.28–35.37 | 57592–57592 | 31.73–34.51 | 474580–474580 | 36.55–48.01 | 474580–474580 | 36.15–48.17 | 160132–160132 | 46.59–51.20 |
| latin-sw-27-11 | 57592–140392 | 33.04–59.99 | 57592–140392 | 32.93–61.69 | 474580–474580 | 36.60–48.35 | 474580–474580 | 36.85–48.91 | 143704–143704 | 44.98–45.73 |
| latin-sw-28-1 | 64289–64289 | 40.65–44.75 | 64289–64289 | 40.90–42.55 | 551153–551153 | 43.31–46.86 | 551153–551153 | 43.70–47.91 | 226937–226937 | 72.49–78.08 |
| latin-sw-28-2 | 64289–64289 | 41.02–43.69 | 64289–64289 | 41.06–42.73 | 551153–551153 | 45.20–58.58 | 551153–551153 | 45.87–62.95 | 199937–199937 | 65.34–67.85 |
| latin-sw-28-3 | 64289–64289 | 40.42–42.67 | 64289–64289 | 40.48–43.34 | 551153–551153 | 45.44–58.42 | 551153–551153 | 46.23–58.74 | 181577–181577 | 60.75–63.07 |
| latin-sw-28-4 | 64289–64289 | 41.13–55.81 | 64289–64289 | 40.96–42.49 | 551153–551153 | 46.65–58.52 | 551153–551153 | 47.46–60.91 | 199937–199937 | 65.24–75.69 |
| latin-sw-28-5 | 64289–64289 | 41.38–43.81 | 64289–64289 | 41.38–44.55 | 551153–551153 | 43.98–56.74 | 551153–551153 | 44.51–57.47 | 203609–203609 | 66.90–71.33 |
| latin-sw-28-6 | 64289–225905 | 39.83–101.10 | 64289–225905 | 39.95–100.51 | 551153–551153 | 43.49–56.39 | 551153–551153 | 44.46–56.22 | 232121–232121 | 73.92–76.22 |
| latin-sw-28-7 | 64289–64289 | 40.87–41.86 | 64289–64289 | 40.83–43.99 | 551153–551153 | 45.59–58.07 | 551153–551153 | 46.57–58.44 | 190649–190649 | 62.92–65.76 |
| latin-sw-28-8 | 64289–64289 | 40.21–44.50 | 64289–64289 | 40.15–40.99 | 551153–551153 | 45.55–58.49 | 551153–551153 | 45.81–59.31 | 196697–196697 | 64.21–67.86 |
| latin-sw-28-9 | 64289–184721 | 41.25–87.63 | 64289–184721 | 41.22–86.03 | 551153–551153 | 45.12–58.63 | 551153–551153 | 46.11–58.43 | 189353–189353 | 62.62–65.14 |
| latin-sw-28-10 | 64289–64289 | 40.59–41.28 | 64289–64289 | 40.34–46.71 | 551153–551153 | 45.48–59.03 | 551153–551153 | 45.92–58.17 | 201017–201017 | 65.50–75.44 |
| latin-sw-28-11 | 64289–64289 | 40.38–41.62 | 64289–64289 | 40.38–41.59 | 551153–551153 | 43.12–54.79 | 551153–551153 | 43.76–55.55 | 242489–242489 | 77.12–80.29 |
| latin-sw-29-1 | 71486–149894 | 50.75–83.93 | 71486–149894 | 50.69–85.76 | 636638–636638 | 57.22–59.80 | 636638–636638 | 57.89–60.97 | 152798–152798 | 58.28–60.25 |
| latin-sw-29-2 | 71486–71486 | 50.74–53.17 | 71486–71486 | 50.67–51.67 | 636638–636638 | 58.09–76.28 | 636638–636638 | 58.89–78.29 | 168926–168926 | 62.75–66.28 |
| latin-sw-29-3 | 71486–71486 | 47.95–50.13 | 71486–71486 | 48.03–49.65 | 636638–636638 | 57.85–73.39 | 636638–636638 | 58.85–74.17 | 209246–209246 | 74.98–77.20 |
| latin-sw-29-4 | 71486–171926 | 50.25–94.01 | 71486–171926 | 50.21–91.08 | 636638–636638 | 56.88–75.74 | 636638–636638 | 56.53–75.46 | 175646–175646 | 64.50–67.84 |
| latin-sw-29-5 | 71486–71486 | 50.30–50.99 | 71486–71486 | 50.13–51.51 | 636638–636638 | 57.93–73.42 | 636638–636638 | 58.08–74.14 | 192446–192446 | 70.21–132.60 |
| latin-sw-29-6 | 71486–71486 | 50.55–51.86 | 71486–71486 | 50.51–51.46 | 636638–636638 | 58.23–75.59 | 636638–636638 | 59.24–77.41 | 174974–174974 | 64.68–67.97 |
| latin-sw-29-7 | 71486–71486 | 50.85–52.97 | 71486–71486 | 50.75–52.99 | 636638–636638 | 58.76–75.16 | 636638–636638 | 59.42–77.05 | 173630–173630 | 64.28–75.57 |
| latin-sw-29-8 | 71486–71486 | 50.42–53.06 | 71486–71486 | 50.42–51.50 | 636638–636638 | 57.87–76.63 | 636638–636638 | 58.03–74.86 | 183266–183266 | 67.35–72.60 |
| latin-sw-29-9 | 71486–71486 | 50.85–52.46 | 71486–71486 | 51.03–62.78 | 636638–636638 | 58.27–76.13 | 636638–636638 | 57.36–76.82 | 178562–178562 | 66.05–143.35 |
| latin-sw-29-10 | 71486–71486 | 51.07–55.45 | 71486–71486 | 51.07–51.56 | 636638–636638 | 56.63–75.38 | 636638–636638 | 57.87–77.19 | 167582–167582 | 62.52–73.30 |
| latin-sw-29-11 | 71486–71486 | 48.11–48.95 | 71486–71486 | 48.12–49.90 | 636638–636638 | 58.39–75.72 | 636638–636638 | 59.00–75.15 | 185726–185726 | 65.60–75.36 |
| latin-sw-30-1 | 79201–79201 | 61.36–64.78 | 79201–79201 | 61.16–65.26 | 731701–731701 | 69.88–91.62 | 731701–731701 | 70.31–91.66 | 233977–233977 | 90.66–92.41 |
| latin-sw-30-2 | 79201–239137 | 62.43–135.98 | 79201–239137 | 62.44–137.71 | 731701–731701 | 66.94–86.92 | 731701–731701 | 67.33–88.02 | 296737–296737 | 108.78–117.72 |
| latin-sw-30-3 | 79201–252577 | 60.98–140.28 | 79201–252577 | 61.11–138.17 | 731701–731701 | 66.35–88.32 | 731701–731701 | 66.71–88.29 | 282961–282961 | 105.47–109.49 |
| latin-sw-30-4 | 79201–79201 | 61.19–65.49 | 79201–79201 | 61.36–66.90 | 731701–731701 | 68.47–88.63 | 731701–731701 | 69.46–90.00 | 245113–245113 | 93.63–97.04 |
| latin-sw-30-5 | 79201–90865 | 60.83–66.04 | 79201–90865 | 60.91–66.30 | 731701–731701 | 67.11–87.84 | 731701–731701 | 67.72–104.49 | 277129–277129 | 104.13–121.64 |
| latin-sw-30-6 | 79201–233761 | 61.33–130.18 | 79201–233761 | 61.43–138.27 | 731701–731701 | 69.00–89.21 | 731701–731701 | 70.20–89.36 | 257425–257425 | 97.00–99.61 |
| latin-sw-30-7 | 79201–79201 | 60.85–64.12 | 79201–79201 | 60.87–63.97 | 731701–731701 | 68.76–90.08 | 731701–731701 | 69.42–89.36 | 252505–252505 | 96.47–111.37 |
| latin-sw-30-8 | 79201–79201 | 61.78–64.71 | 79201–79201 | 61.60–62.22 | 731701–731701 | 68.04–88.12 | 731701–731701 | 69.50–94.94 | 277873–277873 | 104.25–107.07 |
| latin-sw-30-9 | 79201–239809 | 58.50–126.77 | 79201–239809 | 58.73–126.07 | 731701–731701 | 68.67–76.07 | 731701–731701 | 69.82–73.82 | 248569–248569 | 93.46–224.23 |
| latin-sw-30-10 | 79201–79201 | 60.99–65.31 | 79201–79201 | 61.02–61.79 | 731701–731701 | 69.48–89.43 | 731701–731701 | 70.19–92.01 | 243025–243025 | 93.06–95.33 |
| latin-sw-30-11 | 79201–79201 | 61.22–61.89 | 79201–79201 | 60.97–61.78 | 731701–731701 | 67.09–89.46 | 731701–731701 | 67.63–88.93 | 276961–276961 | 103.33–105.73 |
| lattice-4 | 17–20 | 0.001–0.001 | 17–20 | 0.001–0.001 | 15–17 | 0.001–0.001 | 15–17 | 0.001–0.001 | 21–25 | 0.001–0.001 |
| lattice-5 | 23–30 | 0.001–0.001 | 23–30 | 0.001–0.001 | 21–26 | 0.001–0.001 | 21–26 | 0.001–0.001 | 36–42 | 0.001–0.001 |
| lattice-6 | 31–42 | 0.001–0.001 | 31–42 | 0.001–0.001 | 30–35 | 0.001–0.001 | 30–35 | 0.001–0.001 | 55–63 | 0.001–0.001 |
| lattice-7 | 36–48 | 0.001–0.001 | 36–48 | 0.001–0.001 | 38–50 | 0.001–0.001 | 38–50 | 0.001–0.001 | 78–88 | 0.001–0.001 |
| lattice-8 | 47–63 | 0.001–0.001 | 47–63 | 0.001–0.001 | 50–65 | 0.001–0.001 | 50–65 | 0.001–0.001 | 105–117 | 0.001–0.001 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| lattice-9 | 55–68 | 0.001–0.001 | 55–68 | 0.001–0.001 | 55–73 | 0.001–0.001 | 55–73 | 0.001–0.001 | 136–150 | 0.001–0.001 |
| lattice-10 | 66–94 | 0.001–0.001 | 66–94 | 0.001–0.001 | 68–86 | 0.001–0.001 | 68–86 | 0.001–0.001 | 171–187 | 0.001–0.001 |
| lattice-11 | 78–99 | 0.001–0.001 | 78–99 | 0.001–0.001 | 78–100 | 0.001–0.01 | 78–100 | 0.001–0.01 | 210–228 | 0.001–0.001 |
| lattice-12 | 95–129 | 0.001–0.001 | 95–129 | 0.001–0.001 | 97–121 | 0.001–0.01 | 97–121 | 0.001–0.01 | 253–273 | 0.001–0.001 |
| lattice-13 | 114–142 | 0.001–0.001 | 114–142 | 0.001–0.001 | 108–132 | 0.01–0.01 | 108–132 | 0.01–0.02 | 300–322 | 0.001–0.001 |
| lattice-14 | 131–156 | 0.001–0.01 | 131–156 | 0.001–0.01 | 124–161 | 0.01–0.02 | 124–161 | 0.01–0.02 | 351–375 | 0.001–0.01 |
| lattice-15 | 141–203 | 0.001–0.01 | 141–203 | 0.001–0.01 | 141–179 | 0.01–0.02 | 141–179 | 0.01–0.02 | 406–432 | 0.001–0.01 |
| lattice-16 | 160–216 | 0.01–0.01 | 160–216 | 0.01–0.01 | 164–215 | 0.02–0.03 | 164–215 | 0.02–0.03 | 465–493 | 0.01–0.01 |
| lattice-17 | 187–225 | 0.01–0.02 | 187–225 | 0.02–0.02 | 176–215 | 0.03–0.04 | 176–215 | 0.03–0.04 | 528–558 | 0.01–0.01 |
| lattice-18 | 204–262 | 0.01–0.02 | 204–262 | 0.02–0.02 | 195–248 | 0.03–0.05 | 195–248 | 0.03–0.04 | 595–627 | 0.01–0.03 |
| lattice-19 | 231–272 | 0.02–0.02 | 231–272 | 0.02–0.03 | 222–276 | 0.04–0.06 | 222–276 | 0.04–0.06 | 666–700 | 0.02–0.02 |
| lattice-20 | 240–301 | 0.02–0.04 | 240–301 | 0.03–0.04 | 246–283 | 0.05–0.07 | 246–283 | 0.05–0.06 | 741–777 | 0.02–0.02 |
| lattice-21 | 260–327 | 0.03–0.04 | 260–327 | 0.04–0.05 | 262–307 | 0.07–0.10 | 262–307 | 0.06–0.08 | 820–858 | 0.02–0.03 |
| lattice-22 | 292–379 | 0.04–0.05 | 292–379 | 0.05–0.06 | 276–390 | 0.08–0.12 | 276–390 | 0.08–0.12 | 903–943 | 0.03–0.03 |
| lattice-23 | 334–411 | 0.05–0.07 | 334–411 | 0.06–0.08 | 325–413 | 0.10–0.12 | 325–413 | 0.10–0.12 | 990–1032 | 0.04–0.04 |
| lattice-24 | 335–407 | 0.06–0.08 | 335–407 | 0.07–0.08 | 341–396 | 0.11–0.13 | 341–396 | 0.11–0.13 | 1081–1125 | 0.04–0.05 |
| lattice-25 | 374–435 | 0.08–0.09 | 374–435 | 0.09–0.11 | 379–432 | 0.13–0.21 | 379–432 | 0.14–0.16 | 1176–1222 | 0.05–0.06 |
| lattice-26 | 378–464 | 0.08–0.11 | 378–464 | 0.11–0.13 | 392–477 | 0.14–0.18 | 392–477 | 0.16–0.33 | 1275–1323 | 0.05–0.06 |
| lattice-27 | 422–487 | 0.11–0.12 | 422–487 | 0.13–0.15 | 424–495 | 0.18–0.20 | 424–495 | 0.18–0.21 | 1378–1428 | 0.06–0.07 |
| lattice-28 | 456–519 | 0.12–0.14 | 456–519 | 0.16–0.18 | 456–524 | 0.21–0.24 | 456–524 | 0.22–0.25 | 1485–1537 | 0.08–0.11 |
| lattice-29 | 484–564 | 0.15–0.18 | 484–564 | 0.18–0.22 | 476–566 | 0.22–0.28 | 476–566 | 0.25–0.30 | 1596–1650 | 0.08–0.09 |
| lattice-30 | 525–601 | 0.18–0.20 | 525–601 | 0.22–0.25 | 513–596 | 0.27–0.31 | 513–596 | 0.28–0.32 | 1711–1767 | 0.10–0.11 |
| mz-2 | 23–44 | 0.001–0.001 | 30–53 | 0.001–0.001 | 23–44 | 0.001–0.001 | 29–45 | 0.001–0.001 | 169–403 | 0.001–0.001 |
| mz-4 | 61–92 | 0.001–0.001 | 66–116 | 0.001–0.001 | 61–92 | 0.001–0.001 | 62–104 | 0.001–0.001 | 790–2083 | 0.001–0.001 |
| mz-6 | 86–144 | 0.001–0.001 | 108–178 | 0.001–0.001 | 86–140 | 0.001–0.001 | 103–160 | 0.001–0.001 | 2063–4834 | 0.001–0.02 |
| mz-8 | 150–199 | 0.01–0.02 | 181–263 | 0.01–0.02 | 144–195 | 0.001–0.001 | 174–258 | 0.001–0.01 | 2352–11971 | 0.01–0.05 |
| mz-10 | 197–257 | 0.02–0.03 | 264–390 | 0.02–0.04 | 192–254 | 0.001–0.01 | 260–348 | 0.001–0.01 | 5831–16228 | 0.03–0.08 |
| mz-12 | 259–343 | 0.04–0.07 | 279–429 | 0.05–0.07 | 257–325 | 0.001–0.01 | 340–424 | 0.001–0.01 | 9108–30068 | 0.06–0.18 |
| mz-14 | 326–437 | 0.06–0.12 | 399–527 | 0.07–0.12 | 322–431 | 0.001–0.02 | 359–586 | 0.001–0.02 | 9163–24194 | 0.08–0.18 |
| mz-16 | 404–510 | 0.12–0.20 | 482–653 | 0.14–0.18 | 399–502 | 0.01–0.02 | 476–756 | 0.01–0.03 | 10711–41625 | 0.11–0.30 |
| mz-18 | 499–599 | 0.18–0.30 | 611–850 | 0.21–0.35 | 494–589 | 0.01–0.02 | 529–1819 | 0.01–0.05 | 16616–42641 | 0.18–0.42 |
| mz-20 | 586–724 | 0.26–0.45 | 588–847 | 0.31–0.38 | 581–706 | 0.01–0.04 | 710–1328 | 0.01–0.04 | 20202–61934 | 0.24–0.62 |
| mz-22 | 699–851 | 0.35–0.64 | 800–1025 | 0.41–0.55 | 692–851 | 0.02–0.04 | 871–3429 | 0.04–0.07 | 23733–102706 | 0.37–1.04 |
| mz-24 | 820–947 | 0.46–0.82 | 1003–1320 | 0.57–0.92 | 795–945 | 0.02–0.06 | 889–3211 | 0.02–0.13 | 28063–131678 | 0.40–1.51 |
| mz-26 | 916–1117 | 0.62–1.17 | 1139–1836 | 0.76–1.12 | 909–1105 | 0.03–0.08 | 2461–22448 | 0.10–0.47 | 48690–145087 | 0.78–1.89 |
| mz-28 | 1041–1194 | 0.78–1.13 | 1426–6425 | 1.08–1.65 | 1039–1188 | 0.05–0.06 | 3356–63789 | 0.13–1.55 | 50309–119684 | 0.91–1.70 |
| mz-30 | 1174–1405 | 0.98–1.82 | 1463–2619 | 1.26–1.88 | 1174–1389 | 0.04–0.12 | 4736–2548652 | 0.19–67.23 | 119392–233747 | 1.80–3.42 |
| mz-32 | 1357–1533 | 1.26–2.21 | 2055–117554 | 1.67–16.74 | 1324–1519 | 0.07–0.12 | 3585–8686621 | 0.16–202.74 | 1558261–3685974 | 19.74–53.13 |
| mz-34 | 1543–1764 | 1.90–3.46 | 2186–? | 2.70–599.88 | 1511–1758 | 0.10–0.18 | 7822–? | 0.30–599.92 | 26595369–? | 352.95–599.92 |
| mz-36 | 1675–1907 | 2.35–4.30 | 2477–? | 3.04–599.89 | 1671–1839 | 0.10–0.20 | 5655–? | 0.29–599.91 | ?–? | 599.80–599.90 |
| mz-38 | 1830–2127 | 2.15–4.20 | 4124–? | 4.00–600.03 | 1810–2101 | 0.10–0.24 | 6732–? | 0.34–600.02 | ?–? | 599.93–600.03 |
| mz-40 | 1932–2246 | 2.54–4.45 | 3553–? | 4.40–600.03 | 1932–2198 | 0.09–0.23 | 4637–? | 0.18–600.03 | ?–? | 600.03–600.03 |
| mz-42 | 2198–2430 | 3.07–5.19 | ?–? | 599.86–599.97 | 2136–2406 | 0.14–0.27 | 10407–? | 0.50–599.98 | ?–? | 599.86–599.97 |
| mz-44 | 2380–2661 | 3.57–6.45 | 6764–? | 7.72–599.91 | 2336–2615 | 0.15–0.33 | 10292–? | 0.52–599.90 | ?–? | 599.79–599.91 |
| mz-46 | 2535–2852 | 4.14–7.18 | 9228–? | 12.02–599.98 | 2493–2828 | 0.13–0.35 | 12687–? | 0.67–599.98 | ?–? | 599.90–600.02 |
| mz-48 | 2757–3071 | 6.13–10.44 | 10430–? | 14.30–599.98 | 2738–3001 | 0.22–0.41 | 17434–? | 0.88–599.96 | ?–? | 599.84–599.92 |
| mz-50 | 2906–3189 | 5.57–7.92 | 6331–? | 10.79–599.93 | 2906–3109 | 0.13–0.38 | 11012–? | 0.45–599.92 | ?–? | 599.78–599.92 |
| mz-aug-2 | 22–32 | 0.001–0.001 | 27–33 | 0.001–0.001 | 23–31 | 0.001–0.001 | 27–34 | 0.001–0.001 | 90–165 | 0.001–0.001 |
| mz-aug-4 | 50–62 | 0.001–0.001 | 58–84 | 0.001–0.001 | 51–62 | 0.001–0.001 | 60–77 | 0.001–0.001 | 1158–2045 | 0.001–0.001 |
| mz-aug-6 | 83–108 | 0.001–0.001 | 89–164 | 0.001–0.001 | 83–112 | 0.001–0.001 | 87–138 | 0.001–0.001 | 11376–27943 | 0.04–0.09 |

| graph | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| mz-aug-8 | 125–158 | 0.001–0.01 | 165–209 | 0.001–0.01 | 131–164 | 0.001–0.01 | 157–187 | 0.001–0.01 | 73343–275790 | 0.28–0.95 |
| mz-aug-10 | 175–212 | 0.001–0.02 | 206–294 | 0.01–0.02 | 176–220 | 0.001–0.01 | 212–276 | 0.001–0.01 | 783084–4957562 | 3.52–20.62 |
| mz-aug-12 | 234–273 | 0.01–0.02 | 283–330 | 0.02–0.03 | 235–281 | 0.001–0.01 | 268–371 | 0.001–0.01 | 3947048–15745973 | 19.81–71.68 |
| mz-aug-14 | 300–349 | 0.02–0.04 | 368–473 | 0.04–0.05 | 299–359 | 0.001–0.01 | 349–469 | 0.01–0.02 | 30520374–? | 175.79–599.92 |
| mz-aug-16 | 373–438 | 0.05–0.09 | 457–559 | 0.07–0.10 | 388–452 | 0.01–0.02 | 441–641 | 0.02–0.02 | ?–? | 599.79–599.94 |
| mz-aug-18 | 455–523 | 0.08–0.13 | 523–648 | 0.10–0.16 | 465–539 | 0.01–0.02 | 524–688 | 0.02–0.03 | ?–? | 599.78–599.96 |
| mz-aug-20 | 546–628 | 0.11–0.20 | 636–902 | 0.16–0.22 | 552–644 | 0.01–0.04 | 690–868 | 0.03–0.04 | ?–? | 599.89–599.96 |
| mz-aug-22 | 643–731 | 0.15–0.27 | 668–1673 | 0.20–0.36 | 664–751 | 0.03–0.04 | 776–1487 | 0.04–0.08 | ?–? | 599.90–600.03 |
| mz-aug-24 | 750–824 | 0.20–0.34 | 851–1395 | 0.28–0.49 | 752–846 | 0.02–0.05 | 892–3792 | 0.05–0.16 | ?–? | 599.97–600.01 |
| mz-aug-26 | 864–967 | 0.31–0.56 | 1074–1899 | 0.49–0.80 | 889–991 | 0.05–0.07 | 1195–14912 | 0.06–0.55 | ?–? | 599.80–599.90 |
| mz-aug-28 | 986–1088 | 0.33–0.54 | 1165–1752 | 0.51–0.68 | 1012–1112 | 0.04–0.08 | 4577–48452 | 0.20–1.32 | ?–? | 599.77–599.86 |
| mz-aug-30 | 1117–1229 | 0.42–0.70 | 1311–14751 | 0.70–4.51 | 1123–1255 | 0.04–0.09 | 1843–224742 | 0.10–7.87 | ?–? | 599.76–599.93 |
| mz-aug-32 | 1253–1326 | 0.50–0.78 | 1534–877954 | 0.88–111.14 | 1284–1356 | 0.08–0.10 | 2407–? | 0.13–600.00 | ?–? | 599.66–600.03 |
| mz-aug-34 | 1401–1527 | 0.64–1.09 | 1684–12471 | 1.11–3.55 | 1434–1559 | 0.09–0.12 | 3789–? | 0.19–600.01 | ?–? | 599.90–600.03 |
| mz-aug-36 | 1554–1644 | 0.94–1.50 | 2347–9789668 | 1.83–585.34 | 1589–1679 | 0.07–0.14 | 3958–? | 0.23–599.92 | ?–? | 599.78–599.95 |
| mz-aug-38 | 1716–1806 | 0.89–1.41 | 2408–? | 1.65–599.94 | 1751–1840 | 0.12–0.26 | 8611–? | 0.45–599.95 | ?–? | 599.77–599.95 |
| mz-aug-40 | 1885–2032 | 1.08–1.82 | 2188–? | 2.30–599.82 | 1924–2070 | 0.14–0.18 | 10292–? | 0.54–599.79 | ?–? | 599.59–599.78 |
| mz-aug-42 | 2063–2195 | 1.27–2.46 | 3530–? | 2.75–599.90 | 2104–2235 | 0.16–0.19 | 7919–? | 0.47–599.94 | ?–? | 599.84–599.98 |
| mz-aug-44 | 2254–2392 | 1.57–3.50 | 4393–? | 4.21–600.00 | 2297–2434 | 0.18–0.22 | 7775–? | 0.47–599.98 | ?–? | 599.87–599.98 |
| mz-aug-46 | 2444–2591 | 1.76–2.90 | 5731–? | 5.39–599.98 | 2489–2635 | 0.19–0.25 | 5982–? | 0.40–599.94 | ?–? | 599.87–599.95 |
| mz-aug-48 | 2646–2763 | 2.01–3.40 | 6583–? | 6.62–599.98 | 2692–2809 | 0.14–0.28 | 10155–? | 0.61–599.99 | ?–? | 599.92–600.00 |
| mz-aug-50 | 2855–3007 | 2.33–3.45 | 4165–? | 5.27–599.99 | 2858–3055 | 0.16–0.31 | 12648–? | 0.80–600.02 | ?–? | 599.86–600.03 |
| mz-aug2-4 | 133–133 | 0.001–0.001 | 133–141 | 0.001–0.001 | 92–92 | 0.001–0.001 | 92–116 | 0.001–0.001 | 246–254 | 0.001–0.001 |
| mz-aug2-6 | 599–599 | 0.001–0.001 | 599–631 | 0.001–0.01 | 310–310 | 0.001–0.001 | 311–403 | 0.001–0.01 | 1128–1160 | 0.001–0.001 |
| mz-aug2-8 | 2777–2777 | 0.03–0.04 | 2777–2905 | 0.07–0.08 | 1112–1112 | 0.01–0.02 | 1120–1591 | 0.02–0.02 | 5290–5418 | 0.02–0.02 |
| mz-aug2-10 | 12931–12931 | 0.20–0.21 | 12931–13443 | 0.53–0.54 | 4226–4226 | 0.06–0.08 | 4234–6105 | 0.08–0.12 | 24828–25340 | 0.12–0.13 |
| mz-aug2-12 | 61621–61621 | 1.10–1.24 | 61621–61621 | 3.43–3.72 | 16564–16564 | 0.32–0.34 | 16700–24711 | 0.37–0.56 | 115038–117086 | 0.66–0.70 |
| mz-aug2-14 | 270575–270575 | 5.86–5.95 | 270575–278767 | 22.44–22.67 | 65774–65774 | 1.45–1.49 | 66442–93147 | 1.70–2.47 | 524752–532944 | 3.62–3.92 |
| mz-aug2-16 | 1212721–1212721 | 30.24–30.57 | 1212721–1245489 | 131.61–133.32 | 262448–262448 | 6.50–6.93 | 269280–390154 | 7.67–11.44 | 2359890–2392658 | 18.31–19.24 |
| mz-aug2-18 | 5374331–5374331 | 147.89–166.98 | ?–? | 599.76–599.88 | 1048954–1048954 | 27.82–33.27 | 1060666–1437802 | 33.91–47.01 | 10486500–10617572 | 97.03–100.13 |
| mz-aug2-20 | ?–? | 599.93–599.98 | ?–? | 599.90–599.97 | 4194764–4194764 | 126.48–129.72 | 4217180–6290680 | 148.47–229.41 | 46138246–46662534 | 460.74–489.03 |
| mz-aug2-22 | ?–? | 599.80–599.93 | ?–? | 599.80–599.95 | 16777766–? | 532.13–599.85 | ?–? | 599.82–599.88 | ?–? | 599.78–599.94 |
| mz-aug2-24 | ?–? | 599.78–599.96 | ?–? | 599.82–599.93 | ?–? | 599.81–599.94 | ?–? | 599.84–599.93 | ?–? | 599.84–600.00 |
| mz-aug2-26 | ?–? | 599.88–600.02 | ?–? | 599.90–600.01 | ?–? | 599.90–599.96 | ?–? | 599.85–599.96 | ?–? | 599.87–600.02 |
| mz-aug2-28 | ?–? | 599.91–599.98 | ?–? | 599.93–600.00 | ?–? | 599.92–600.00 | ?–? | 599.94–600.00 | ?–? | 599.90–599.98 |
| mz-aug2-30 | ?–? | 599.92–600.03 | ?–? | 599.89–600.03 | ?–? | 599.90–600.03 | ?–? | 599.91–600.03 | ?–? | 599.92–600.03 |
| mz-aug2-32 | ?–? | 600.00–600.03 | ?–? | 600.01–600.03 | ?–? | 599.96–600.03 | ?–? | 599.98–600.03 | ?–? | 599.99–600.03 |
| mz-aug2-34 | ?–? | 599.88–600.03 | ?–? | 599.89–600.02 | ?–? | 599.86–599.96 | ?–? | 599.88–599.98 | ?–? | 599.89–600.03 |
| mz-aug2-36 | ?–? | 599.85–599.99 | ?–? | 599.83–600.01 | ?–? | 599.86–599.98 | ?–? | 599.85–599.93 | ?–? | 599.80–599.98 |
| mz-aug2-38 | ?–? | 599.78–600.03 | ?–? | 599.58–600.03 | ?–? | 599.65–600.01 | ?–? | 599.68–600.02 | ?–? | 599.69–600.02 |
| mz-aug2-40 | ?–? | 600.03–600.03 | ?–? | 600.03–600.03 | ?–? | 599.97–600.03 | ?–? | 600.02–600.03 | ?–? | 600.03–600.03 |
| mz-aug2-42 | ?–? | 599.93–600.02 | ?–? | 599.85–600.00 | ?–? | 599.88–599.96 | ?–? | 599.90–599.99 | ?–? | 599.91–600.03 |
| mz-aug2-44 | ?–? | 599.77–599.85 | ?–? | 599.77–599.87 | ?–? | 599.79–599.88 | ?–? | 599.76–599.88 | ?–? | 599.74–599.86 |
| mz-aug2-46 | ?–? | 599.89–599.99 | ?–? | 599.88–599.99 | ?–? | 599.89–599.96 | ?–? | 599.87–600.00 | ?–? | 599.93–600.00 |
| mz-aug2-48 | ?–? | 599.88–600.00 | ?–? | 599.79–599.98 | ?–? | 599.86–599.98 | ?–? | 599.85–599.97 | ?–? | 599.84–600.00 |
| mz-aug2-50 | ?–? | 599.54–599.64 | ?–? | 599.44–599.68 | ?–? | 599.41–599.68 | ?–? | 599.50–599.67 | ?–? | 599.52–599.70 |
| paley-5 | 6–6 | 0.001–0.001 | 6–6 | 0.001–0.001 | 6–6 | 0.001–0.001 | 6–6 | 0.001–0.001 | 6–6 | 0.001–0.001 |
| paley-9 | 10–12 | 0.001–0.001 | 10–12 | 0.001–0.001 | 10–12 | 0.001–0.001 | 10–12 | 0.001–0.001 | 10–12 | 0.001–0.001 |
| paley-13 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 7–8 | 0.001–0.001 |
| paley-17 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 7–8 | 0.001–0.001 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| paley-25 | 10–14 | 0.001–0.001 | 10–14 | 0.001–0.001 | 10–12 | 0.001–0.001 | 10–12 | 0.001–0.001 | 12–14 | 0.001–0.001 |
| paley-29 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 7–9 | 0.001–0.001 |
| paley-37 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 7–8 | 0.001–0.001 |
| paley-41 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 7–10 | 0.001–0.001 |
| paley-49 | 10–12 | 0.001–0.001 | 10–12 | 0.001–0.001 | 10–14 | 0.001–0.001 | 10–14 | 0.001–0.001 | 12–14 | 0.001–0.001 |
| paley-53 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 7–9 | 0.001–0.001 |
| paley-61 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 8–10 | 0.001–0.001 |
| paley-73 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 8–9 | 0.001–0.001 |
| paley-81 | 10–15 | 0.001–0.001 | 10–15 | 0.001–0.001 | 10–15 | 0.001–0.001 | 10–15 | 0.001–0.001 | 15–21 | 0.001–0.001 |
| paley-89 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 7–9 | 0.001–0.001 |
| paley-97 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 8–9 | 0.001–0.001 |
| paley-101 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 7–9 | 0.001–0.001 |
| paley-109 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 8–10 | 0.001–0.001 |
| paley-113 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 8–10 | 0.001–0.001 |
| paley-121 | 10–16 | 0.001–0.001 | 10–16 | 0.001–0.001 | 10–14 | 0.001–0.02 | 10–14 | 0.001–0.01 | 12–14 | 0.001–0.001 |
| paley-125 | 10–12 | 0.001–0.001 | 10–12 | 0.001–0.001 | 10–12 | 0.001–0.01 | 10–12 | 0.001–0.01 | 12–14 | 0.001–0.001 |
| paley-137 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.01 | 6–7 | 0.001–0.01 | 8–9 | 0.001–0.001 |
| paley-149 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.01 | 6–7 | 0.001–0.01 | 8–10 | 0.001–0.01 |
| paley-157 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 6–7 | 0.001–0.01 | 6–7 | 0.001–0.01 | 7–9 | 0.001–0.01 |
| paley-169 | 10–14 | 0.001–0.001 | 10–14 | 0.001–0.001 | 10–14 | 0.02–0.03 | 10–14 | 0.01–0.02 | 12–14 | 0.01–0.01 |
| paley-173 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 6–7 | 0.01–0.02 | 6–7 | 0.01–0.01 | 8–9 | 0.001–0.01 |
| paley-181 | 6–8 | 0.001–0.001 | 6–8 | 0.001–0.001 | 6–7 | 0.01–0.02 | 6–7 | 0.01–0.02 | 8–9 | 0.001–0.01 |
| paley-193 | 6–9 | 0.001–0.001 | 6–9 | 0.001–0.001 | 6–9 | 0.02–0.03 | 6–9 | 0.01–0.03 | 8–10 | 0.01–0.01 |
| paley-197 | 6–7 | 0.001–0.01 | 6–7 | 0.001–0.001 | 6–7 | 0.01–0.02 | 6–7 | 0.01–0.02 | 7–10 | 0.01–0.01 |
| paley-229 | 6–8 | 0.001–0.01 | 6–8 | 0.001–0.001 | 6–7 | 0.02–0.03 | 6–7 | 0.02–0.03 | 8–10 | 0.01–0.02 |
| paley-233 | 6–7 | 0.001–0.001 | 6–7 | 0.001–0.001 | 6–7 | 0.01–0.03 | 6–7 | 0.02–0.03 | 8–10 | 0.01–0.02 |
| paley-241 | 6–7 | 0.001–0.01 | 6–7 | 0.001–0.01 | 6–8 | 0.02–0.03 | 6–8 | 0.02–0.04 | 8–10 | 0.02–0.02 |
| paley-257 | 6–8 | 0.001–0.01 | 6–8 | 0.001–0.01 | 6–7 | 0.02–0.04 | 6–7 | 0.02–0.04 | 8–10 | 0.02–0.02 |
| paley-269 | 6–7 | 0.001–0.01 | 6–7 | 0.001–0.01 | 6–7 | 0.03–0.04 | 6–7 | 0.02–0.04 | 8–9 | 0.02–0.03 |
| paley-277 | 6–8 | 0.001–0.01 | 6–8 | 0.001–0.01 | 6–7 | 0.02–0.04 | 6–7 | 0.03–0.04 | 8–10 | 0.02–0.02 |
| paley-281 | 6–8 | 0.001–0.01 | 6–8 | 0.001–0.01 | 6–7 | 0.02–0.04 | 6–7 | 0.03–0.04 | 8–9 | 0.02–0.04 |
| paley-289 | 10–16 | 0.01–0.02 | 10–16 | 0.01–0.03 | 10–16 | 0.06–0.09 | 10–16 | 0.05–0.10 | 12–16 | 0.04–0.05 |
| paley-293 | 6–7 | 0.001–0.01 | 6–7 | 0.01–0.01 | 6–7 | 0.03–0.04 | 6–7 | 0.03–0.05 | 7–10 | 0.02–0.03 |
| paley-313 | 6–8 | 0.01–0.02 | 6–8 | 0.01–0.02 | 6–8 | 0.03–0.06 | 6–8 | 0.03–0.06 | 8–9 | 0.03–0.04 |
| paley-317 | 6–7 | 0.01–0.01 | 6–7 | 0.01–0.02 | 6–7 | 0.03–0.06 | 6–7 | 0.03–0.05 | 8–10 | 0.02–0.04 |
| paley-337 | 6–8 | 0.01–0.02 | 6–8 | 0.01–0.02 | 6–8 | 0.04–0.08 | 6–8 | 0.05–0.08 | 8–9 | 0.03–0.04 |
| paley-349 | 6–8 | 0.01–0.02 | 6–8 | 0.01–0.02 | 6–8 | 0.05–0.08 | 6–8 | 0.05–0.08 | 8–9 | 0.04–0.04 |
| paley-353 | 6–7 | 0.01–0.02 | 6–7 | 0.01–0.02 | 6–8 | 0.04–0.09 | 6–8 | 0.04–0.08 | 9–10 | 0.04–0.05 |
| paley-361 | 10–14 | 0.02–0.04 | 10–14 | 0.03–0.04 | 10–14 | 0.08–0.13 | 10–14 | 0.08–0.13 | 12–14 | 0.06–0.07 |
| paley-373 | 6–7 | 0.01–0.02 | 6–7 | 0.01–0.02 | 6–8 | 0.05–0.09 | 6–8 | 0.06–0.08 | 9–11 | 0.04–0.05 |
| paley-389 | 6–7 | 0.02–0.02 | 6–7 | 0.02–0.02 | 6–7 | 0.06–0.10 | 6–7 | 0.06–0.10 | 8–11 | 0.05–0.06 |
| paley-397 | 6–8 | 0.01–0.02 | 6–8 | 0.01–0.02 | 6–8 | 0.06–0.09 | 6–8 | 0.07–0.10 | 9–10 | 0.05–0.06 |
| paley-401 | 6–8 | 0.02–0.02 | 6–8 | 0.02–0.03 | 6–8 | 0.06–0.10 | 6–8 | 0.06–0.10 | 8–10 | 0.05–0.06 |
| paley-409 | 6–8 | 0.02–0.02 | 6–8 | 0.02–0.03 | 6–8 | 0.07–0.10 | 6–8 | 0.07–0.10 | 8–9 | 0.05–0.07 |
| paley-421 | 6–8 | 0.02–0.02 | 6–8 | 0.02–0.02 | 6–8 | 0.08–0.11 | 6–8 | 0.08–0.10 | 8–10 | 0.06–0.07 |
| paley-433 | 6–8 | 0.02–0.03 | 6–8 | 0.02–0.03 | 6–7 | 0.08–0.10 | 6–7 | 0.08–0.10 | 8–9 | 0.06–0.07 |
| paley-449 | 6–7 | 0.02–0.03 | 6–7 | 0.02–0.04 | 6–8 | 0.08–0.13 | 6–8 | 0.08–0.12 | 8–10 | 0.06–0.08 |
| paley-457 | 6–7 | 0.02–0.04 | 6–7 | 0.02–0.03 | 6–8 | 0.09–0.13 | 6–8 | 0.09–0.14 | 8–10 | 0.06–0.08 |
| paley-461 | 6–7 | 0.02–0.03 | 6–7 | 0.02–0.03 | 6–7 | 0.08–0.12 | 6–7 | 0.09–0.12 | 8–11 | 0.06–0.08 |
| pg2-2 | 11–16 | 0.001–0.001 | 11–16 | 0.001–0.001 | 11–16 | 0.001–0.001 | 11–16 | 0.001–0.001 | 21–26 | 0.001–0.001 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| pg2-3 | 16–22 | 0.001–0.001 | 16–22 | 0.001–0.001 | 16–22 | 0.001–0.001 | 16–22 | 0.001–0.001 | 36–43 | 0.001–0.001 |
| pg2-4 | 23–32 | 0.001–0.001 | 23–32 | 0.001–0.001 | 23–32 | 0.001–0.001 | 23–32 | 0.001–0.001 | 64–92 | 0.001–0.001 |
| pg2-5 | 16–26 | 0.001–0.001 | 16–26 | 0.001–0.001 | 16–26 | 0.001–0.001 | 16–26 | 0.001–0.001 | 2575–12051 | 0.01–0.08 |
| pg2-7 | 17–23 | 0.001–0.001 | 17–23 | 0.001–0.001 | 17–23 | 0.001–0.001 | 17–23 | 0.001–0.001 | 2507173–13688470 | 36.84–200.26 |
| pg2-8 | 47–86 | 0.001–0.001 | 39–86 | 0.001–0.001 | 47–86 | 0.001–0.001 | 39–63 | 0.001–0.001 | ?–? | 599.79–599.87 |
| pg2-9 | 30–49 | 0.001–0.001 | 27–47 | 0.001–0.001 | 28–44 | 0.001–0.001 | 27–43 | 0.001–0.001 | ?–? | 599.81–599.93 |
| pg2-11 | 16–20 | 0.001–0.001 | 16–20 | 0.001–0.001 | 16–20 | 0.001–0.01 | 16–20 | 0.001–0.01 | ?–? | 599.84–599.95 |
| pg2-13 | 16–22 | 0.001–0.001 | 16–22 | 0.001–0.001 | 16–22 | 0.001–0.01 | 16–22 | 0.001–0.01 | ?–? | 599.88–599.98 |
| pg2-16 | 158–339 | 0.09–0.19 | 149–303 | 0.08–0.17 | 158–339 | 0.02–0.03 | 129–221 | 0.02–0.04 | ?–? | 599.85–599.99 |
| pg2-17 | 16–22 | 0.01–0.01 | 16–22 | 0.01–0.02 | 16–22 | 0.01–0.02 | 16–22 | 0.01–0.02 | ?–? | 599.96–600.03 |
| pg2-19 | 16–22 | 0.02–0.02 | 16–22 | 0.02–0.02 | 16–22 | 0.02–0.03 | 16–22 | 0.02–0.03 | ?–? | 599.70–599.92 |
| pg2-23 | 16–21 | 0.03–0.04 | 16–21 | 0.03–0.04 | 16–21 | 0.04–0.05 | 16–21 | 0.04–0.05 | ?–? | 599.84–599.95 |
| pg2-25 | 51–88 | 0.14–0.24 | 43–82 | 0.13–0.23 | 57–94 | 0.07–0.10 | 42–68 | 0.08–0.11 | ?–? | 599.63–599.98 |
| pg2-27 | 519–1156 | 1.91–4.41 | 308–604 | 1.14–2.23 | 519–1156 | 0.10–0.15 | 415–718 | 0.10–0.17 | ?–? | 599.80–599.96 |
| pg2-29 | 16–23 | 0.08–0.11 | 16–23 | 0.08–0.11 | 16–23 | 0.07–0.11 | 16–23 | 0.07–0.11 | ?–? | 599.86–599.99 |
| pg2-31 | 16–22 | 0.08–0.12 | 16–22 | 0.08–0.12 | 16–22 | 0.10–0.14 | 16–22 | 0.10–0.13 | ?–? | 599.75–599.89 |
| pg2-32 | 656–1303 | 5.20–10.40 | 458–1097 | 3.51–8.54 | 656–1303 | 0.16–0.25 | 464–1247 | 0.19–0.28 | ?–? | 599.78–600.01 |
| pg2-37 | 16–25 | 0.19–0.29 | 16–25 | 0.19–0.29 | 16–25 | 0.17–0.26 | 16–25 | 0.18–0.26 | ?–? | 599.92–599.98 |
| pg2-41 | 16–22 | 0.30–0.43 | 16–22 | 0.30–0.43 | 16–22 | 0.22–0.31 | 16–22 | 0.22–0.31 | ?–? | 600.02–600.03 |
| pg2-43 | 16–22 | 0.36–0.52 | 16–22 | 0.38–0.52 | 16–22 | 0.25–0.35 | 16–22 | 0.27–0.36 | ?–? | 599.92–599.98 |
| pg2-47 | 17–22 | 0.57–0.71 | 17–22 | 0.57–0.72 | 17–22 | 0.37–0.45 | 17–22 | 0.38–0.46 | ?–? | 599.96–599.99 |
| pg2-49 | 108–214 | 4.70–8.64 | 83–151 | 4.09–6.13 | 97–182 | 0.51–0.74 | 71–161 | 0.59–0.96 | ?–? | 599.98–600.01 |
| pp16-1 | 161–310 | 0.09–0.19 | 99–209 | 0.06–0.12 | 161–310 | 0.02–0.03 | 114–229 | 0.02–0.03 | ?–? | 599.78–599.90 |
| pp16-2 | ?–? | 599.76–599.91 | ?–? | 599.74–599.90 | ?–? | 599.77–599.92 | ?–? | 599.80–599.92 | ?–? | 599.79–599.90 |
| pp16-3 | ?–? | 599.88–599.98 | ?–? | 599.81–599.96 | ?–? | 599.87–599.97 | ?–? | 599.91–599.97 | ?–? | 599.90–599.96 |
| pp16-4 | ?–? | 599.75–599.95 | ?–? | 599.75–599.89 | ?–? | 599.76–599.88 | ?–? | 599.72–599.85 | ?–? | 599.73–599.92 |
| pp16-5 | ?–? | 599.84–599.98 | ?–? | 599.80–600.00 | ?–? | 599.78–599.97 | ?–? | 599.78–599.95 | ?–? | 599.86–599.99 |
| pp16-6 | ?–? | 599.96–600.02 | ?–? | 599.92–600.00 | ?–? | 599.96–600.02 | ?–? | 599.91–600.02 | ?–? | 599.97–600.01 |
| pp16-7 | ?–? | 599.84–599.92 | 781244–? | 384.80–599.91 | 4315844–? | 119.98–599.92 | ?–? | 599.89–599.94 | ?–? | 599.85–599.95 |
| pp16-8 | ?–? | 599.89–600.03 | ?–? | 599.94–600.03 | 3482247–? | 80.64–599.95 | ?–? | 599.87–599.98 | ?–? | 599.86–600.02 |
| pp16-9 | ?–? | 599.82–599.95 | ?–? | 599.86–599.96 | ?–? | 599.90–599.98 | ?–? | 599.88–599.97 | ?–? | 599.84–599.94 |
| pp16-10 | ?–? | 599.82–600.00 | ?–? | 599.76–600.00 | ?–? | 599.79–599.90 | ?–? | 599.81–599.92 | ?–? | 599.84–599.91 |
| pp16-11 | ?–? | 599.79–599.99 | ?–? | 599.84–599.98 | ?–? | 599.80–599.89 | ?–? | 599.79–599.90 | ?–? | 599.80–599.97 |
| pp16-12 | ?–? | 599.76–599.98 | ?–? | 599.80–599.98 | ?–? | 599.83–599.92 | ?–? | 599.77–599.90 | ?–? | 599.82–599.94 |
| pp16-13 | ?–? | 599.92–599.97 | ?–? | 599.78–599.97 | ?–? | 599.85–599.94 | ?–? | 599.84–599.97 | ?–? | 599.91–599.98 |
| pp16-14 | ?–? | 599.90–600.01 | ?–? | 599.89–600.03 | ?–? | 599.84–599.99 | ?–? | 599.88–599.98 | ?–? | 599.89–600.03 |
| pp16-15 | ?–? | 599.87–600.00 | ?–? | 599.82–599.97 | ?–? | 599.83–600.00 | ?–? | 599.83–599.98 | ?–? | 599.82–599.97 |
| pp16-16 | ?–? | 599.78–599.97 | ?–? | 599.82–599.96 | ?–? | 599.86–599.99 | ?–? | 599.80–599.94 | ?–? | 599.84–599.95 |
| pp16-17 | ?–? | 599.87–599.96 | ?–? | 599.88–599.97 | ?–? | 599.85–599.95 | ?–? | 599.85–599.97 | ?–? | 599.86–599.96 |
| pp16-18 | ?–? | 599.70–599.88 | ?–? | 599.69–599.90 | ?–? | 599.69–599.89 | ?–? | 599.70–599.86 | ?–? | 599.69–599.87 |
| pp16-19 | ?–? | 599.76–599.86 | ?–? | 599.71–599.85 | ?–? | 599.76–599.92 | ?–? | 599.74–599.91 | ?–? | 599.74–599.91 |
| pp16-20 | ?–? | 599.55–599.95 | ?–? | 599.60–599.95 | ?–? | 599.64–599.90 | ?–? | 599.74–599.92 | ?–? | 599.72–599.96 |
| pp16-21 | ?–? | 599.88–600.03 | ?–? | 599.89–600.01 | ?–? | 599.83–599.98 | ?–? | 599.83–600.00 | ?–? | 599.88–600.03 |
| pp16-22 | ?–? | 599.79–599.91 | ?–? | 599.77–599.93 | ?–? | 599.79–599.96 | ?–? | 599.79–599.88 | ?–? | 599.81–599.95 |
| rnd-3-reg-1000-1 | 1001–1001 | 9.00–9.08 | 1001–1001 | 9.00–9.58 | 1001–1001 | 0.06–0.07 | 1001–1001 | 0.07–0.10 | 1001–1001 | 1.11–1.18 |
| rnd-3-reg-1000-2 | 1001–1001 | 9.11–9.46 | 1001–1001 | 9.08–9.37 | 1001–1001 | 0.05–0.06 | 1001–1001 | 0.06–0.07 | 1001–1001 | 1.14–1.46 |
| rnd-3-reg-1000-3 | 1001–1001 | 9.02–9.50 | 1001–1001 | 9.02–9.09 | 1001–1001 | 0.06–0.07 | 1001–1001 | 0.06–0.08 | 1001–1001 | 1.11–1.24 |
| rnd-3-reg-1000-4 | 1001–1001 | 10.80–10.90 | 1001–1001 | 10.81–10.88 | 1001–1001 | 0.06–0.08 | 1001–1001 | 0.07–0.08 | 1001–1001 | 1.20–1.21 |
| rnd-3-reg-1000-5 | 1001–1001 | 8.98–9.42 | 1001–1001 | 8.88–9.65 | 1001–1001 | 0.06–0.07 | 1001–1001 | 0.06–0.08 | 1001–1001 | 1.10–1.16 |
| rnd-3-reg-1000-6 | 1001–1001 | 9.14–24.78 | 1001–1001 | 9.16–24.36 | 1001–1001 | 0.06–0.16 | 1001–1001 | 0.06–0.17 | 1001–1001 | 1.15–3.13 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| rnd-3-reg-1000-7 | 1001–1001 | 9.16–10.72 | 1001–1001 | 9.14–9.60 | 1001–1001 | 0.05–0.06 | 1001–1001 | 0.06–0.07 | 1001–1001 | 1.16–1.21 |
| rnd-3-reg-1000-8 | 1001–1001 | 9.05–9.19 | 1001–1001 | 9.07–9.54 | 1001–1001 | 0.06–0.06 | 1001–1001 | 0.06–0.07 | 1001–1001 | 1.13–1.25 |
| rnd-3-reg-1000-9 | 1001–1001 | 9.19–9.59 | 1001–1001 | 9.19–9.76 | 1001–1001 | 0.05–0.06 | 1001–1001 | 0.06–0.07 | 1001–1001 | 1.15–1.33 |
| rnd-3-reg-1000-10 | 1001–1001 | 8.99–9.29 | 1001–1001 | 9.01–9.74 | 1001–1001 | 0.06–0.06 | 1001–1001 | 0.06–0.07 | 1001–1001 | 1.11–1.22 |
| rnd-3-reg-1000-11 | 1001–1001 | 9.26–9.76 | 1001–1001 | 9.25–9.50 | 1001–1001 | 0.05–0.06 | 1001–1001 | 0.06–0.08 | 1001–1001 | 1.15–1.23 |
| rnd-3-reg-2000-1 | 2001–2001 | 117.13–120.74 | 2001–2001 | 117.20–118.88 | 2001–2001 | 0.27–0.30 | 2001–2001 | 0.28–0.31 | 2001–2001 | 8.57–8.63 |
| rnd-3-reg-2000-2 | 2001–2001 | 121.39–136.72 | 2001–2001 | 122.18–134.62 | 2001–2001 | 0.24–0.32 | 2001–2001 | 0.25–0.30 | 2001–2001 | 8.02–8.40 |
| rnd-3-reg-2000-3 | 2001–2001 | 113.77–130.96 | 2001–2001 | 116.29–128.19 | 2001–2001 | 0.23–0.27 | 2001–2001 | 0.25–0.29 | 2001–2001 | 8.10–9.52 |
| rnd-3-reg-2000-4 | 2001–2001 | 118.10–132.90 | 2001–2001 | 117.44–135.58 | 2001–2001 | 0.24–0.28 | 2001–2001 | 0.26–0.30 | 2001–2001 | 8.05–8.66 |
| rnd-3-reg-2000-5 | 2001–2001 | 118.13–120.50 | 2001–2001 | 118.02–122.09 | 2001–2001 | 0.26–0.30 | 2001–2001 | 0.28–0.31 | 2001–2001 | 8.47–8.56 |
| rnd-3-reg-2000-6 | 2001–2001 | 118.81–124.68 | 2001–2001 | 118.42–122.16 | 2001–2001 | 0.27–0.31 | 2001–2001 | 0.28–0.32 | 2001–2001 | 8.57–8.62 |
| rnd-3-reg-2000-7 | 2001–2001 | 117.23–119.89 | 2001–2001 | 117.17–119.51 | 2001–2001 | 0.28–0.32 | 2001–2001 | 0.29–0.34 | 2001–2001 | 8.54–8.58 |
| rnd-3-reg-2000-8 | 2001–2001 | 117.27–119.70 | 2001–2001 | 117.28–118.99 | 2001–2001 | 0.28–0.31 | 2001–2001 | 0.29–0.33 | 2001–2001 | 8.46–8.49 |
| rnd-3-reg-2000-9 | 2001–2001 | 116.95–119.90 | 2001–2001 | 116.83–121.72 | 2001–2001 | 0.26–0.30 | 2001–2001 | 0.27–0.32 | 2001–2001 | 8.40–8.50 |
| rnd-3-reg-2000-10 | 2001–2001 | 114.73–141.36 | 2001–2001 | 117.39–130.67 | 2001–2001 | 0.25–0.29 | 2001–2001 | 0.26–0.30 | 2001–2001 | 8.06–8.64 |
| rnd-3-reg-2000-11 | 2001–2001 | 124.60–137.83 | 2001–2001 | 123.36–139.62 | 2001–2001 | 0.23–0.26 | 2001–2001 | 0.24–0.28 | 2001–2001 | 8.21–9.66 |
| rnd-3-reg-3000-1 | ?–? | 599.66–599.92 | ?–? | 599.63–599.90 | 3001–3001 | 0.64–0.71 | 3001–3001 | 0.67–0.75 | 3001–3001 | 28.34–28.44 |
| rnd-3-reg-3000-2 | ?–? | 599.52–599.98 | ?–? | 599.54–599.95 | 3001–3001 | 0.59–0.66 | 3001–3001 | 0.61–0.66 | 3001–3001 | 26.42–27.21 |
| rnd-3-reg-3000-3 | ?–? | 599.66–599.93 | ?–? | 599.62–599.93 | 3001–3001 | 0.64–0.70 | 3001–3001 | 0.66–0.73 | 3001–3001 | 28.46–28.54 |
| rnd-3-reg-3000-4 | ?–? | 599.64–599.84 | ?–? | 599.64–599.98 | 3001–3001 | 0.58–0.65 | 3001–3001 | 0.59–0.68 | 3001–3001 | 26.46–27.69 |
| rnd-3-reg-3000-5 | ?–? | 599.71–600.03 | ?–? | 599.64–599.94 | 3001–3001 | 0.57–0.64 | 3001–3001 | 0.60–0.67 | 3001–3001 | 26.60–28.60 |
| rnd-3-reg-3000-6 | ?–? | 599.58–599.95 | ?–? | 599.56–600.00 | 3001–3001 | 0.56–0.63 | 3001–3001 | 0.59–0.66 | 3001–3001 | 26.64–42.53 |
| rnd-3-reg-3000-7 | ?–? | 599.57–600.03 | ?–? | 599.63–600.03 | 3001–3001 | 0.58–0.66 | 3001–3001 | 0.61–0.72 | 3001–3001 | 26.44–30.98 |
| rnd-3-reg-3000-8 | ?–? | 599.66–599.98 | ?–? | 599.65–599.97 | 3001–3001 | 0.65–0.71 | 3001–3001 | 0.68–0.75 | 3001–3001 | 28.09–29.60 |
| rnd-3-reg-3000-9 | ?–? | 599.58–599.77 | ?–? | 599.55–599.97 | 3001–3001 | 0.60–0.68 | 3001–3001 | 0.62–0.71 | 3001–3001 | 26.47–27.71 |
| rnd-3-reg-3000-10 | ?–? | 599.63–599.94 | ?–? | 599.56–599.84 | 3001–3001 | 0.58–0.64 | 3001–3001 | 0.60–0.69 | 3001–3001 | 26.93–27.80 |
| rnd-3-reg-3000-11 | ?–? | 599.54–600.00 | ?–? | 599.62–599.95 | 3001–3001 | 0.58–0.66 | 3001–3001 | 0.61–0.68 | 3001–3001 | 26.54–27.30 |
| rnd-3-reg-4000-1 | ?–? | 599.44–599.91 | ?–? | 599.46–599.84 | 4001–4001 | 1.09–1.20 | 4001–4001 | 1.11–1.28 | 4001–4001 | 62.22–64.50 |
| rnd-3-reg-4000-2 | ?–? | 599.25–599.94 | ?–? | 598.10–599.91 | 4001–4001 | 1.23–1.34 | 4001–4001 | 1.25–1.37 | 4001–4001 | 69.40–69.63 |
| rnd-3-reg-4000-3 | ?–? | 599.80–600.01 | ?–? | 599.76–600.01 | 4001–4001 | 1.08–1.18 | 4001–4001 | 1.11–1.23 | 4001–4001 | 63.14–64.57 |
| rnd-3-reg-4000-4 | ?–? | 599.59–599.80 | ?–? | 599.62–599.98 | 4001–4001 | 1.08–1.23 | 4001–4001 | 1.13–1.24 | 4001–4001 | 63.00–64.83 |
| rnd-3-reg-4000-5 | ?–? | 599.62–599.90 | ?–? | 599.63–599.98 | 4001–4001 | 1.08–1.24 | 4001–4001 | 1.13–1.27 | 4001–4001 | 62.47–66.22 |
| rnd-3-reg-4000-6 | ?–? | 599.43–599.74 | ?–? | 599.44–599.75 | 4001–4001 | 1.04–1.18 | 4001–4001 | 1.10–1.22 | 4001–4001 | 63.06–307.75 |
| rnd-3-reg-4000-7 | ?–? | 599.54–599.90 | ?–? | 599.60–599.89 | 4001–4001 | 1.22–1.36 | 4001–4001 | 1.25–1.38 | 4001–4001 | 68.96–69.15 |
| rnd-3-reg-4000-8 | ?–? | 599.62–599.96 | ?–? | 599.57–599.92 | 4001–4001 | 1.05–1.20 | 4001–4001 | 1.09–1.29 | 4001–4001 | 62.51–64.74 |
| rnd-3-reg-4000-9 | ?–? | 599.54–599.99 | ?–? | 599.47–599.97 | 4001–4001 | 1.06–1.21 | 4001–4001 | 1.12–3.23 | 4001–4001 | 62.66–63.91 |
| rnd-3-reg-4000-10 | ?–? | 599.62–600.01 | ?–? | 599.60–600.02 | 4001–4001 | 1.06–1.21 | 4001–4001 | 1.13–1.34 | 4001–4001 | 61.68–66.69 |
| rnd-3-reg-4000-11 | ?–? | 599.76–600.03 | ?–? | 599.57–600.03 | 4001–4001 | 1.03–1.14 | 4001–4001 | 1.09–1.36 | 4001–4001 | 61.95–66.03 |
| rnd-3-reg-5000-1 | ?–? | 599.64–600.00 | ?–? | 599.42–600.01 | 5001–5001 | 1.70–1.93 | 5001–5001 | 1.76–2.03 | 5001–5001 | 122.23–129.40 |
| rnd-3-reg-5000-2 | ?–? | 599.63–600.03 | ?–? | 599.56–599.83 | 5001–5001 | 1.79–2.01 | 5001–5001 | 1.84–2.08 | 5001–5001 | 121.11–126.50 |
| rnd-3-reg-5000-3 | ?–? | 599.52–599.98 | ?–? | 599.54–599.99 | 5001–5001 | 1.74–2.00 | 5001–5001 | 1.79–2.00 | 5001–5001 | 122.34–127.21 |
| rnd-3-reg-5000-4 | ?–? | 599.56–599.99 | ?–? | 599.59–599.98 | 5001–5001 | 1.76–2.02 | 5001–5001 | 1.79–2.12 | 5001–5001 | 122.41–126.94 |
| rnd-3-reg-5000-5 | ?–? | 599.82–600.02 | ?–? | 599.88–600.03 | 5001–5001 | 1.74–2.00 | 5001–5001 | 1.80–2.07 | 5001–5001 | 116.82–123.43 |
| rnd-3-reg-5000-6 | ?–? | 599.97–600.01 | ?–? | 599.97–600.01 | 5001–5001 | 1.79–2.04 | 5001–5001 | 1.83–2.08 | 5001–5001 | 119.51–123.42 |
| rnd-3-reg-5000-7 | ?–? | 599.61–599.84 | ?–? | 599.56–600.02 | 5001–5001 | 1.70–1.97 | 5001–5001 | 1.74–2.02 | 5001–5001 | 122.30–125.79 |
| rnd-3-reg-5000-8 | ?–? | 599.46–599.70 | ?–? | 599.34–599.65 | 5001–5001 | 1.75–2.00 | 5001–5001 | 1.80–2.03 | 5001–5001 | 121.95–192.14 |
| rnd-3-reg-5000-9 | ?–? | 599.66–600.03 | ?–? | 599.64–600.03 | 5001–5001 | 1.75–1.98 | 5001–5001 | 1.82–2.99 | 5001–5001 | 121.26–130.60 |
| rnd-3-reg-5000-10 | ?–? | 599.32–599.81 | ?–? | 599.50–599.92 | 5001–5001 | 1.75–1.98 | 5001–5001 | 1.81–2.06 | 5001–5001 | 120.85–122.88 |
| rnd-3-reg-5000-11 | ?–? | 599.89–600.03 | ?–? | 599.85–600.03 | 5001–5001 | 1.78–2.01 | 5001–5001 | 1.83–2.31 | 5001–5001 | 118.59–124.25 |
| rnd-3-reg-6000-1 | ?–? | 599.62–600.00 | ?–? | 599.56–600.00 | 6001–6001 | 2.65–2.98 | 6001–6001 | 2.68–3.06 | 6001–6001 | 208.65–215.22 |

| graph | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| rnd-3-reg-6000-2 | ?–? | 599.64–600.03 | ?–? | 599.61–600.02 | 6001–6001 | 2.61–3.30 | 6001–6001 | 2.64–3.10 | 6001–6001 | 209.68–213.02 |
| rnd-3-reg-6000-3 | ?–? | 599.58–599.96 | ?–? | 599.56–599.74 | 6001–6001 | 2.64–3.17 | 6001–6001 | 2.68–3.15 | 6001–6001 | 207.40–215.31 |
| rnd-3-reg-6000-4 | ?–? | 599.81–600.03 | ?–? | 599.74–600.03 | 6001–6001 | 2.61–2.95 | 6001–6001 | 2.68–3.03 | 6001–6001 | 209.85–232.13 |
| rnd-3-reg-6000-5 | ?–? | 599.62–600.03 | ?–? | 599.62–600.02 | 6001–6001 | 3.12–3.53 | 6001–6001 | 3.15–3.59 | 6001–6001 | 241.97–242.51 |
| rnd-3-reg-6000-6 | ?–? | 599.86–600.02 | ?–? | 599.58–600.03 | 6001–6001 | 2.66–3.00 | 6001–6001 | 2.69–3.07 | 6001–6001 | 210.31–214.30 |
| rnd-3-reg-6000-7 | ?–? | 599.61–599.88 | ?–? | 599.59–599.92 | 6001–6001 | 2.58–2.79 | 6001–6001 | 2.64–2.85 | 6001–6001 | 209.09–215.52 |
| rnd-3-reg-6000-8 | ?–? | 599.56–600.00 | ?–? | 599.65–599.99 | 6001–6001 | 2.60–2.89 | 6001–6001 | 2.67–2.96 | 6001–6001 | 208.64–217.26 |
| rnd-3-reg-6000-9 | ?–? | 599.64–599.88 | ?–? | 599.60–600.02 | 6001–6001 | 2.59–2.78 | 6001–6001 | 2.66–2.98 | 6001–6001 | 208.08–215.24 |
| rnd-3-reg-6000-10 | ?–? | 599.60–599.80 | ?–? | 599.48–599.98 | 6001–6001 | 2.52–2.84 | 6001–6001 | 2.60–2.93 | 6001–6001 | 211.11–216.22 |
| rnd-3-reg-6000-11 | ?–? | 599.64–600.02 | ?–? | 599.67–600.02 | 6001–6001 | 2.64–2.99 | 6001–6001 | 2.71–3.09 | 6001–6001 | 207.96–214.31 |
| rnd-3-reg-7000-1 | ?–? | 599.52–599.92 | ?–? | 599.54–599.90 | 7001–7001 | 3.61–4.04 | 7001–7001 | 3.71–4.12 | 7001–7001 | 335.10–365.94 |
| rnd-3-reg-7000-2 | ?–? | 599.62–600.02 | ?–? | 599.61–600.02 | 7001–7001 | 3.64–3.94 | 7001–7001 | 3.75–3.98 | 7001–7001 | 336.93–345.01 |
| rnd-3-reg-7000-3 | ?–? | 599.51–600.00 | ?–? | 599.55–600.00 | 7001–7001 | 3.68–4.24 | 7001–7001 | 3.79–4.30 | 7001–7001 | 330.29–433.58 |
| rnd-3-reg-7000-4 | ?–? | 599.49–599.90 | ?–? | 599.57–599.94 | 7001–7001 | 3.62–4.14 | 7001–7001 | 3.70–4.28 | 7001–7001 | 336.92–341.66 |
| rnd-3-reg-7000-5 | ?–? | 599.66–600.00 | ?–? | 599.75–600.00 | 7001–7001 | 3.51–4.76 | 7001–7001 | 3.66–3.99 | 7001–7001 | 336.96–344.52 |
| rnd-3-reg-7000-6 | ?–? | 599.58–599.74 | ?–? | 599.64–599.73 | 7001–7001 | 3.50–3.94 | 7001–7001 | 3.57–4.05 | 7001–7001 | 336.17–346.80 |
| rnd-3-reg-7000-7 | ?–? | 599.57–600.00 | ?–? | 599.59–600.00 | 7001–7001 | 3.58–4.06 | 7001–7001 | 3.68–4.15 | 7001–7001 | 335.36–408.29 |
| rnd-3-reg-7000-8 | ?–? | 599.51–599.95 | ?–? | 599.48–599.95 | 7001–7001 | 3.65–4.06 | 7001–7001 | 3.74–4.54 | 7001–7001 | 324.45–573.05 |
| rnd-3-reg-7000-9 | ?–? | 599.55–599.97 | ?–? | 599.56–599.98 | 7001–7001 | 3.62–4.15 | 7001–7001 | 3.72–4.21 | 7001–7001 | 339.15–355.21 |
| rnd-3-reg-7000-10 | ?–? | 599.47–599.78 | ?–? | 599.50–599.99 | 7001–7001 | 3.62–4.09 | 7001–7001 | 3.74–4.16 | 7001–7001 | 337.90–464.27 |
| rnd-3-reg-7000-11 | ?–? | 599.64–600.02 | ?–? | 599.75–600.02 | 7001–7001 | 3.66–4.19 | 7001–7001 | 3.74–4.22 | 7001–7001 | 337.38–381.67 |
| rnd-3-reg-8000-1 | ?–? | 599.47–599.77 | ?–? | 599.69–599.78 | 8001–8001 | 4.87–5.49 | 8001–8001 | 5.02–5.66 | 8001–8001 | 499.67–508.16 |
| rnd-3-reg-8000-2 | ?–? | 599.28–599.92 | ?–? | 599.03–599.96 | 8001–8001 | 12.60–14.16 | 8001–8001 | 12.80–14.51 | ?–? | 599.48–600.01 |
| rnd-3-reg-8000-3 | ?–? | 599.61–600.01 | ?–? | 599.68–600.00 | 8001–8001 | 4.80–5.44 | 8001–8001 | 4.87–5.56 | 8001–8001 | 503.37–517.56 |
| rnd-3-reg-8000-4 | ?–? | 599.66–599.76 | ?–? | 599.58–599.76 | 8001–8001 | 4.72–5.38 | 8001–8001 | 4.90–5.42 | 8001–8001 | 501.71–516.97 |
| rnd-3-reg-8000-5 | ?–? | 599.58–599.88 | ?–? | 599.44–599.87 | 8001–8001 | 4.87–5.46 | 8001–8001 | 4.97–5.58 | 8001–8001 | 501.67–542.41 |
| rnd-3-reg-8000-6 | ?–? | 599.50–599.80 | ?–? | 599.38–599.81 | 8001–8001 | 4.73–5.18 | 8001–8001 | 4.87–5.54 | 8001–? | 502.82–599.81 |
| rnd-3-reg-8000-7 | ?–? | 599.72–599.83 | ?–? | 599.55–599.79 | 8001–8001 | 4.80–5.40 | 8001–8001 | 4.96–5.50 | 8001–8001 | 505.00–529.22 |
| rnd-3-reg-8000-8 | ?–? | 599.78–600.02 | ?–? | 599.68–600.02 | 8001–8001 | 4.77–5.36 | 8001–8001 | 4.81–5.51 | 8001–8001 | 505.69–516.43 |
| rnd-3-reg-8000-9 | ?–? | 599.73–599.99 | ?–? | 599.52–599.99 | 8001–8001 | 4.72–5.31 | 8001–8001 | 4.90–5.60 | 8001–8001 | 480.12–516.23 |
| rnd-3-reg-8000-10 | ?–? | 599.62–600.02 | ?–? | 599.79–600.02 | 8001–8001 | 4.76–5.36 | 8001–8001 | 5.02–5.53 | 8001–8001 | 503.32–519.94 |
| rnd-3-reg-8000-11 | ?–? | 599.54–600.02 | ?–? | 599.73–599.82 | 8001–8001 | 4.78–5.28 | 8001–8001 | 4.87–5.42 | 8001–8001 | 501.49–515.26 |
| rnd-3-reg-9000-1 | ?–? | 599.57–599.98 | ?–? | 599.64–599.97 | 9001–9001 | 7.43–8.28 | 9001–9001 | 7.53–8.40 | ?–? | 599.87–599.93 |
| rnd-3-reg-9000-2 | ?–? | 599.64–600.02 | ?–? | 599.66–600.02 | 9001–9001 | 6.12–6.90 | 9001–9001 | 6.27–7.09 | ?–? | 599.81–600.03 |
| rnd-3-reg-9000-3 | ?–? | 599.65–599.98 | ?–? | 599.70–599.99 | 9001–9001 | 5.99–6.73 | 9001–9001 | 6.17–6.86 | ?–? | 599.84–600.02 |
| rnd-3-reg-9000-4 | ?–? | 599.66–600.02 | ?–? | 599.67–600.02 | 9001–9001 | 6.18–6.84 | 9001–9001 | 6.32–6.90 | ?–? | 599.89–600.03 |
| rnd-3-reg-9000-5 | ?–? | 599.83–600.00 | ?–? | 599.87–600.00 | 9001–9001 | 6.15–6.88 | 9001–9001 | 6.29–15.36 | ?–? | 599.91–600.00 |
| rnd-3-reg-9000-6 | ?–? | 599.89–599.98 | ?–? | 599.87–599.98 | 9001–9001 | 6.05–6.85 | 9001–9001 | 6.27–7.13 | ?–? | 599.98–600.02 |
| rnd-3-reg-9000-7 | ?–? | 599.57–599.93 | ?–? | 599.50–599.94 | 9001–9001 | 7.51–8.28 | 9001–9001 | 7.62–8.52 | ?–? | 599.79–599.95 |
| rnd-3-reg-9000-8 | ?–? | 599.51–599.78 | ?–? | 599.55–599.80 | 9001–9001 | 6.17–6.93 | 9001–9001 | 6.36–7.10 | ?–? | 599.76–599.87 |
| rnd-3-reg-9000-9 | ?–? | 599.38–599.94 | ?–? | 599.53–599.91 | 9001–9001 | 6.08–6.92 | 9001–9001 | 6.24–14.46 | ?–? | 599.77–600.00 |
| rnd-3-reg-9000-10 | ?–? | 599.45–599.97 | ?–? | 599.64–599.98 | 9001–9001 | 6.18–6.94 | 9001–9001 | 6.30–7.13 | ?–? | 599.80–600.00 |
| rnd-3-reg-9000-11 | ?–? | 599.35–599.84 | ?–? | 599.50–599.82 | 9001–9001 | 6.06–6.82 | 9001–9001 | 6.19–7.84 | ?–? | 599.70–599.92 |
| rnd-3-reg-10000-1 | ?–? | 599.62–600.01 | ?–? | 599.76–600.00 | 10001–10001 | 7.90–8.74 | 10001–10001 | 8.04–9.03 | ?–? | 599.82–600.03 |
| rnd-3-reg-10000-2 | ?–? | 599.50–600.00 | ?–? | 599.68–599.98 | 10001–10001 | 7.83–8.85 | 10001–10001 | 8.00–8.90 | ?–? | 599.70–600.03 |
| rnd-3-reg-10000-3 | ?–? | 599.69–600.02 | ?–? | 599.77–600.02 | 10001–10001 | 7.78–8.40 | 10001–10001 | 8.00–8.82 | ?–? | 600.02–600.03 |
| rnd-3-reg-10000-4 | ?–? | 599.59–600.02 | ?–? | 599.71–600.02 | 10001–10001 | 7.66–8.71 | 10001–10001 | 7.83–8.95 | ?–? | 599.81–600.03 |
| rnd-3-reg-10000-5 | ?–? | 599.36–599.93 | ?–? | 599.62–599.91 | 10001–10001 | 7.88–8.66 | 10001–10001 | 8.01–8.77 | ?–? | 599.73–600.01 |
| rnd-3-reg-10000-6 | ?–? | 599.62–599.98 | ?–? | 599.78–600.00 | 10001–10001 | 7.75–8.70 | 10001–10001 | 7.94–8.94 | ?–? | 599.76–600.01 |
| rnd-3-reg-10000-7 | ?–? | 599.56–599.71 | ?–? | 599.63–599.78 | 10001–10001 | 7.77–9.19 | 10001–10001 | 7.98–8.95 | ?–? | 599.40–599.59 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| rnd-3-reg-10000-8 | ?–? | 599.05–599.94 | ?–? | 599.32–599.93 | 10001–10001 | 20.40–22.79 | 10001–10001 | 20.96–23.64 | ?–? | 599.38–599.99 |
| rnd-3-reg-10000-9 | ?–? | 599.57–600.00 | ?–? | 599.71–599.98 | 10001–10001 | 7.72–8.31 | 10001–10001 | 7.89–8.82 | ?–? | 599.73–600.00 |
| rnd-3-reg-10000-10 | ?–? | 599.46–599.93 | ?–? | 599.61–599.74 | 10001–10001 | 7.78–9.26 | 10001–10001 | 7.95–8.94 | ?–? | 599.76–600.00 |
| rnd-3-reg-10000-11 | ?–? | 599.48–599.94 | ?–? | 599.56–599.94 | 10001–10001 | 7.68–8.55 | 10001–10001 | 7.92–8.98 | ?–? | 599.90–600.00 |
| s3-3-3-1 | 91–91 | 34.25–34.69 | 91–91 | 81.52–86.07 | 91–91 | 0.12–0.14 | 91–91 | 0.13–0.14 | 91–91 | 0.04–0.06 |
| s3-3-3-3 | 91–91 | 55.70–58.64 | 91–91 | 133.80–135.08 | 91–91 | 0.16–0.18 | 91–91 | 0.16–0.18 | 91–91 | 0.06–0.07 |
| s3-3-3-4 | 91–91 | 43.89–44.37 | 91–91 | 105.03–114.95 | 91–91 | 0.14–0.16 | 91–91 | 0.15–0.18 | 91–91 | 0.05–0.06 |
| s3-3-3-8 | 91–91 | 45.22–45.75 | 91–91 | 106.37–107.33 | 91–91 | 0.14–0.17 | 91–91 | 0.15–0.16 | 91–91 | 0.05–0.06 |
| s3-3-3-10 | 91–91 | 89.03–90.32 | 91–91 | 214.59–232.13 | 91–91 | 0.20–0.22 | 91–91 | 0.21–0.22 | 91–91 | 0.08–0.09 |
| sts-7 | 28–28 | 0.001–0.001 | 28–28 | 0.001–0.001 | 28–28 | 0.001–0.001 | 28–28 | 0.001–0.001 | 28–28 | 0.001–0.001 |
| sts-9 | 45–59 | 0.001–0.001 | 45–59 | 0.001–0.001 | 45–59 | 0.001–0.001 | 45–59 | 0.001–0.001 | 45–53 | 0.001–0.001 |
| sts-13 | 20–75 | 0.001–0.001 | 16–75 | 0.001–0.001 | 21–54 | 0.001–0.001 | 13–54 | 0.001–0.001 | 21–57 | 0.001–0.001 |
| sts-15 | 37–70 | 0.001–0.001 | 21–52 | 0.001–0.001 | 32–60 | 0.001–0.001 | 18–60 | 0.001–0.001 | 85–333 | 0.001–0.001 |
| sts-19 | 484–901 | 0.001–0.01 | 479–697 | 0.001–0.01 | 649–1185 | 0.001–0.01 | 637–744 | 0.001–0.01 | 701–1112 | 0.01–0.02 |
| sts-21 | 45–121 | 0.001–0.001 | 27–82 | 0.001–0.001 | 67–183 | 0.001–0.001 | 53–122 | 0.001–0.001 | 70–133 | 0.001–0.001 |
| sts-25 | 1141–2876 | 0.03–0.08 | 1141–1562 | 0.03–0.04 | 2288–5662 | 0.04–0.10 | 2248–3386 | 0.04–0.06 | 1608–2630 | 0.06–0.11 |
| sts-27 | 82–262 | 0.01–0.02 | 68–141 | 0.001–0.01 | 134–338 | 0.001–0.01 | 59–327 | 0.001–0.01 | 358–1365 | 0.02–0.07 |
| sts-31 | 2256–4226 | 0.11–0.21 | 2256–3211 | 0.11–0.30 | 5935–11116 | 0.15–0.27 | 5935–9402 | 0.16–0.24 | 3068–4669 | 0.21–0.33 |
| sts-33 | 55–151 | 0.01–0.02 | 46–112 | 0.001–0.02 | 148–377 | 0.01–0.02 | 90–321 | 0.01–0.02 | 77–226 | 0.01–0.03 |
| sts-37 | 3859–8223 | 0.32–0.68 | 3859–5825 | 0.32–0.49 | 12800–27037 | 0.39–0.80 | 12800–22375 | 0.40–0.68 | 5491–9151 | 0.56–0.95 |
| sts-39 | 115–377 | 0.04–0.09 | 49–169 | 0.02–0.06 | 382–1376 | 0.02–0.06 | 115–496 | 0.02–0.04 | 100–233 | 0.02–0.06 |
| sts-43 | 6137–11463 | 0.80–1.50 | 6137–9984 | 0.80–1.31 | 24231–45309 | 0.84–1.54 | 24231–30351 | 0.86–1.07 | 8759–16660 | 1.26–2.46 |
| sts-45 | 253–1509 | 0.15–0.69 | 215–1003 | 0.14–0.48 | 1036–1729 | 0.07–0.11 | 633–1275 | 0.08–0.10 | 1856–5772 | 0.45–1.37 |
| sts-49 | 9591–20751 | 1.85–3.96 | 9168–19413 | 1.73–3.69 | 44279–95878 | 1.88–3.92 | 42368–77006 | 1.82–3.17 | 13327–18157 | 2.61–3.50 |
| sts-51 | 100–245 | 0.10–0.27 | 65–205 | 0.08–0.23 | 615–1045 | 0.04–0.08 | 593–1043 | 0.08–0.12 | 130–340 | 0.07–0.18 |
| sts-55 | 13086–28789 | 3.43–7.61 | 13086–16590 | 3.42–4.36 | 68925–152151 | 3.34–7.38 | 68899–116248 | 3.45–5.66 | 19545–24709 | 4.87–6.18 |
| sts-57 | 151–273 | 0.23–0.48 | 145–234 | 0.22–0.42 | 615–1402 | 0.08–0.13 | 617–1211 | 0.11–0.20 | 96–397 | 0.07–0.28 |
| sts-61 | 17948–44238 | 6.34–15.74 | 17922–33152 | 6.36–11.70 | 106569–262609 | 6.38–15.73 | 106569–189316 | 6.57–11.17 | 25684–37266 | 8.16–11.81 |
| sts-63 | 337–705 | 0.74–1.46 | 455–1667 | 1.07–3.27 | 1982–4260 | 0.24–0.42 | 1388–2398 | 0.28–0.42 | 2890–6828 | 1.68–3.84 |
| sts-67 | 24811–63399 | 18.08–45.89 | 24239–33903 | 17.61–24.32 | 164329–418920 | 14.47–37.07 | 164329–275544 | 14.76–24.81 | 34962–63156 | 19.60–35.41 |
| sts-69 | 142–270 | 0.46–1.19 | 126–228 | 0.45–1.08 | 551–1760 | 0.12–0.22 | 467–1579 | 0.21–0.28 | 196–508 | 0.27–0.75 |
| sts-73 | 31061–69746 | 18.41–41.55 | 31005–39756 | 18.34–25.21 | 225253–506690 | 19.75–43.35 | 225253–363596 | 19.82–32.00 | 45228–73189 | 21.53–35.57 |
| sts-75 | 317–607 | 2.19–3.34 | 218–591 | 1.15–3.28 | 2480–4338 | 0.40–0.61 | 1972–3089 | 0.45–0.64 | 1522–3973 | 1.44–3.72 |
| sts-79 | 39903–78873 | 36.53–72.29 | 39403–58204 | 36.08–53.36 | 316887–626512 | 34.83–68.15 | 314089–485284 | 34.94–52.96 | 59906–89147 | 40.97–60.97 |
| sts-sw-19-1 | 1426–1426 | 0.02–0.02 | 1426–1426 | 0.02–0.02 | 1882–1882 | 0.02–0.02 | 1882–1882 | 0.02–0.03 | 1426–1426 | 0.03–0.04 |
| sts-sw-19-2 | 1426–1426 | 0.01–0.02 | 1426–1426 | 0.01–0.02 | 1882–1882 | 0.02–0.02 | 1882–1882 | 0.02–0.02 | 1426–1426 | 0.03–0.03 |
| sts-sw-19-3 | 1426–1426 | 0.02–0.02 | 1426–1426 | 0.02–0.02 | 1882–1882 | 0.02–0.03 | 1882–1882 | 0.02–0.03 | 1426–1426 | 0.03–0.04 |
| sts-sw-19-4 | 1426–1426 | 0.01–0.02 | 1426–1426 | 0.01–0.02 | 1882–1882 | 0.02–0.02 | 1882–1882 | 0.02–0.02 | 1426–1426 | 0.03–0.04 |
| sts-sw-19-5 | 1426–1426 | 0.02–0.02 | 1426–1426 | 0.02–0.02 | 1882–1882 | 0.02–0.03 | 1882–1882 | 0.02–0.03 | 1426–1426 | 0.03–0.04 |
| sts-sw-19-6 | 1426–1426 | 0.01–0.02 | 1426–1426 | 0.01–0.02 | 1882–1882 | 0.02–0.02 | 1882–1882 | 0.02–0.02 | 1426–1426 | 0.03–0.04 |
| sts-sw-19-7 | 1426–1426 | 0.02–0.02 | 1426–1426 | 0.02–0.02 | 1882–1882 | 0.02–0.03 | 1882–1882 | 0.02–0.03 | 1426–1426 | 0.03–0.04 |
| sts-sw-19-8 | 1426–1426 | 0.01–0.02 | 1426–1426 | 0.01–0.02 | 1882–1882 | 0.02–0.02 | 1882–1882 | 0.02–0.02 | 1426–1426 | 0.03–0.03 |
| sts-sw-19-9 | 1426–1426 | 0.01–0.01 | 1426–1426 | 0.01–0.02 | 1882–1882 | 0.02–0.02 | 1882–1882 | 0.02–0.02 | 1426–1426 | 0.03–0.06 |
| sts-sw-19-10 | 1426–1426 | 0.02–0.02 | 1426–1426 | 0.02–0.02 | 1882–1882 | 0.02–0.03 | 1882–1882 | 0.02–0.03 | 1426–1426 | 0.03–0.04 |
| sts-sw-19-11 | 1426–1426 | 0.02–0.02 | 1426–1426 | 0.02–0.02 | 1882–1882 | 0.02–0.03 | 1882–1882 | 0.02–0.03 | 1426–1426 | 0.03–0.04 |
| sts-sw-21-1 | 1961–1961 | 0.03–0.04 | 1961–1961 | 0.03–0.04 | 3011–3011 | 0.04–0.05 | 3011–3011 | 0.04–0.05 | 1961–1961 | 0.06–0.07 |
| sts-sw-21-2 | 1961–1961 | 0.02–0.03 | 1961–1961 | 0.02–0.04 | 3011–3011 | 0.04–0.21 | 3011–3011 | 0.04–0.05 | 1961–1961 | 0.05–0.05 |
| sts-sw-21-3 | 1961–1961 | 0.03–0.04 | 1961–1961 | 0.03–0.04 | 3011–3011 | 0.04–0.05 | 3011–3011 | 0.04–0.05 | 1961–1961 | 0.06–0.06 |
| sts-sw-21-4 | 1961–1961 | 0.02–0.03 | 1961–1961 | 0.03–0.03 | 3011–3011 | 0.04–0.05 | 3011–3011 | 0.04–0.04 | 1961–1961 | 0.05–0.06 |
| sts-sw-21-5 | 1961–1961 | 0.03–0.04 | 1961–1961 | 0.03–0.04 | 3011–3011 | 0.04–0.05 | 3011–3011 | 0.04–0.05 | 1961–1961 | 0.06–0.06 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| sts-sw-21-6 | 1961–1961 | 0.02–0.03 | 1961–1961 | 0.02–0.03 | 3011–3011 | 0.04–0.04 | 3011–3011 | 0.04–0.04 | 1961–1961 | 0.05–0.06 |
| sts-sw-21-7 | 1961–1961 | 0.02–0.03 | 1961–1961 | 0.03–0.04 | 3011–3011 | 0.04–0.04 | 3011–3011 | 0.04–0.04 | 1961–1961 | 0.05–0.10 |
| sts-sw-21-8 | 1961–1961 | 0.03–0.04 | 1961–1961 | 0.03–0.04 | 3011–3011 | 0.04–0.05 | 3011–3011 | 0.04–0.05 | 1961–1961 | 0.06–0.07 |
| sts-sw-21-9 | 1961–1961 | 0.04–0.04 | 1961–1961 | 0.03–0.04 | 3011–3011 | 0.04–0.05 | 3011–3011 | 0.04–0.05 | 1961–1961 | 0.06–0.06 |
| sts-sw-21-10 | 1961–1961 | 0.04–0.04 | 1961–1961 | 0.03–0.04 | 3011–3011 | 0.04–0.05 | 3011–3011 | 0.04–0.05 | 1961–1961 | 0.06–0.06 |
| sts-sw-21-11 | 1961–1961 | 0.02–0.03 | 1961–1961 | 0.02–0.03 | 3011–3011 | 0.04–0.04 | 3011–3011 | 0.04–0.04 | 1961–1961 | 0.05–0.06 |
| sts-sw-25-1 | 3401–3401 | 0.08–0.09 | 3401–3401 | 0.09–0.13 | 6701–6701 | 0.12–0.13 | 6701–6701 | 0.12–0.14 | 3401–3401 | 0.14–0.14 |
| sts-sw-25-2 | 3401–3401 | 0.08–0.09 | 3401–3401 | 0.08–0.09 | 6701–6701 | 0.12–0.21 | 6701–6701 | 0.12–0.13 | 3401–3401 | 0.14–0.15 |
| sts-sw-25-3 | 3401–3401 | 0.11–0.12 | 3401–3401 | 0.11–0.12 | 6701–6701 | 0.14–0.14 | 6701–6701 | 0.14–0.15 | 3401–3401 | 0.17–0.18 |
| sts-sw-25-4 | 3401–3401 | 0.11–0.11 | 3401–3401 | 0.11–0.11 | 6701–6701 | 0.14–0.15 | 6701–6701 | 0.14–0.15 | 3401–3401 | 0.17–0.18 |
| sts-sw-25-5 | 3401–3401 | 0.11–0.11 | 3401–3401 | 0.11–0.11 | 6701–6701 | 0.14–0.15 | 6701–6701 | 0.14–0.16 | 3401–3401 | 0.17–0.18 |
| sts-sw-25-6 | 3401–3401 | 0.09–0.09 | 3401–3401 | 0.08–0.09 | 6701–6701 | 0.12–0.13 | 6701–6701 | 0.12–0.13 | 3401–3401 | 0.14–0.14 |
| sts-sw-25-7 | 3401–3401 | 0.08–0.09 | 3401–3401 | 0.09–0.10 | 6701–6701 | 0.12–0.13 | 6701–6701 | 0.12–0.13 | 3401–3401 | 0.14–0.28 |
| sts-sw-25-8 | 3401–3401 | 0.08–0.09 | 3401–3401 | 0.09–0.10 | 6701–6701 | 0.12–0.13 | 6701–6701 | 0.12–0.14 | 3401–3401 | 0.14–0.15 |
| sts-sw-25-9 | 3401–3401 | 0.11–0.11 | 3401–3401 | 0.11–0.11 | 6701–6701 | 0.14–0.15 | 6701–6701 | 0.14–0.15 | 3401–3401 | 0.17–0.18 |
| sts-sw-25-10 | 3401–3401 | 0.11–0.11 | 3401–3401 | 0.11–0.11 | 6701–6701 | 0.14–0.15 | 6701–6701 | 0.14–0.16 | 3401–3401 | 0.17–0.18 |
| sts-sw-25-11 | 3401–3401 | 0.08–0.09 | 3401–3401 | 0.09–0.09 | 6701–6701 | 0.12–0.13 | 6701–6701 | 0.12–0.13 | 3401–3401 | 0.13–0.15 |
| sts-sw-27-1 | 4330–4330 | 0.18–0.18 | 4330–4330 | 0.18–0.18 | 9478–9478 | 0.22–0.22 | 9478–9478 | 0.22–0.23 | 4330–4330 | 0.26–0.27 |
| sts-sw-27-2 | 4330–4330 | 0.18–0.18 | 4330–4330 | 0.17–0.18 | 9478–9478 | 0.22–0.22 | 9478–9478 | 0.22–0.23 | 4330–4330 | 0.26–0.27 |
| sts-sw-27-3 | 4330–4330 | 0.14–0.16 | 4330–4330 | 0.14–0.15 | 9478–9478 | 0.19–0.21 | 9478–9478 | 0.20–0.21 | 4330–4330 | 0.21–0.22 |
| sts-sw-27-4 | 4330–4330 | 0.14–0.18 | 4330–4330 | 0.14–0.18 | 9478–9478 | 0.19–0.20 | 9478–9478 | 0.20–0.21 | 4330–4330 | 0.21–0.22 |
| sts-sw-27-5 | 4330–4330 | 0.14–0.15 | 4330–4330 | 0.14–0.18 | 9478–9478 | 0.19–0.20 | 9478–9478 | 0.20–0.21 | 4330–4330 | 0.21–0.48 |
| sts-sw-27-6 | 4330–4330 | 0.18–0.18 | 4330–4330 | 0.18–0.18 | 9478–9478 | 0.22–0.22 | 9478–9478 | 0.22–0.24 | 4330–4330 | 0.26–0.27 |
| sts-sw-27-7 | 4330–4330 | 0.18–0.18 | 4330–4330 | 0.18–0.18 | 9478–9478 | 0.21–0.22 | 9478–9478 | 0.22–0.23 | 4330–4330 | 0.26–0.28 |
| sts-sw-27-8 | 4330–4330 | 0.18–0.18 | 4330–4330 | 0.17–0.18 | 9478–9478 | 0.22–0.23 | 9478–9478 | 0.22–0.24 | 4330–4330 | 0.26–0.27 |
| sts-sw-27-9 | 4330–4330 | 0.14–0.15 | 4330–4330 | 0.14–0.16 | 9478–9478 | 0.18–0.19 | 9478–9478 | 0.20–0.21 | 4330–4330 | 0.21–0.22 |
| sts-sw-27-10 | 4330–4330 | 0.18–0.18 | 4330–4330 | 0.18–0.18 | 9478–9478 | 0.22–0.22 | 9478–9478 | 0.22–0.24 | 4330–4330 | 0.27–0.28 |
| sts-sw-27-11 | 4330–4330 | 0.14–0.15 | 4330–4330 | 0.14–0.16 | 9478–9478 | 0.19–0.20 | 9478–9478 | 0.20–0.23 | 4330–4330 | 0.20–0.22 |
| sts-sw-31-1 | 6666–6666 | 0.32–0.36 | 6666–6666 | 0.32–0.33 | 17516–17516 | 0.41–0.44 | 17516–17516 | 0.42–0.46 | 6666–6666 | 0.45–0.92 |
| sts-sw-31-2 | 6666–6666 | 0.32–0.38 | 6666–6666 | 0.32–0.33 | 17516–17516 | 0.40–0.48 | 17516–17516 | 0.41–0.48 | 6666–6666 | 0.45–0.52 |
| sts-sw-31-3 | 6666–6666 | 0.41–0.42 | 6666–6666 | 0.41–0.42 | 17516–17516 | 0.46–0.48 | 17516–17516 | 0.48–0.49 | 6666–6666 | 0.56–0.66 |
| sts-sw-31-4 | 6666–6666 | 0.32–0.34 | 6666–6666 | 0.32–0.33 | 17516–17516 | 0.40–0.43 | 17516–17516 | 0.41–0.45 | 6666–6666 | 0.45–0.46 |
| sts-sw-31-5 | 6666–6666 | 0.41–0.41 | 6666–6666 | 0.40–0.41 | 17516–17516 | 0.46–0.48 | 17516–17516 | 0.48–0.50 | 6666–6666 | 0.57–0.59 |
| sts-sw-31-6 | 6666–6666 | 0.40–0.42 | 6666–6666 | 0.40–0.41 | 17516–17516 | 0.46–0.47 | 17516–17516 | 0.48–0.50 | 6666–6666 | 0.57–0.58 |
| sts-sw-31-7 | 6666–6666 | 0.32–0.33 | 6666–6666 | 0.33–0.34 | 17516–17516 | 0.40–0.42 | 17516–17516 | 0.42–0.44 | 6666–6666 | 0.45–0.52 |
| sts-sw-31-8 | 6666–6666 | 0.32–0.36 | 6666–6666 | 0.33–0.34 | 17516–17516 | 0.40–0.43 | 17516–17516 | 0.41–0.44 | 6666–6666 | 0.45–0.46 |
| sts-sw-31-9 | 6666–6666 | 0.33–0.34 | 6666–6666 | 0.33–0.40 | 17516–17516 | 0.40–0.50 | 17516–17516 | 0.41–0.44 | 6666–6666 | 0.45–0.53 |
| sts-sw-31-10 | 6666–6666 | 0.40–0.42 | 6666–6666 | 0.41–0.42 | 17516–17516 | 0.46–0.48 | 17516–17516 | 0.47–0.49 | 6666–6666 | 0.55–0.58 |
| sts-sw-31-11 | 6666–6666 | 0.33–0.34 | 6666–6666 | 0.33–0.35 | 17516–17516 | 0.40–0.44 | 17516–17516 | 0.42–0.46 | 6666–6666 | 0.46–0.49 |
| sts-sw-33-1 | 8097–8097 | 0.57–0.60 | 8097–8097 | 0.57–0.60 | 23057–23057 | 0.65–0.67 | 23057–23057 | 0.66–0.68 | 8097–8097 | 0.80–0.82 |
| sts-sw-33-2 | 8097–8097 | 0.59–0.60 | 8097–8097 | 0.59–0.62 | 23057–23057 | 0.64–0.66 | 23057–23057 | 0.66–0.68 | 8097–8097 | 0.80–0.82 |
| sts-sw-33-3 | 8097–8097 | 0.48–0.49 | 8097–8097 | 0.48–0.51 | 23057–23057 | 0.56–0.58 | 23057–23057 | 0.57–0.60 | 8097–8097 | 0.63–0.65 |
| sts-sw-33-4 | 8097–8097 | 0.48–0.54 | 8097–8097 | 0.48–0.49 | 23057–23057 | 0.56–0.61 | 23057–23057 | 0.58–0.60 | 8097–8097 | 0.63–0.68 |
| sts-sw-33-5 | 8097–8097 | 0.48–0.54 | 8097–8097 | 0.48–0.50 | 23057–23057 | 0.56–0.59 | 23057–23057 | 0.58–0.64 | 8097–8097 | 0.63–0.66 |
| sts-sw-33-6 | 8097–8097 | 0.48–0.49 | 8097–8097 | 0.48–0.49 | 23057–23057 | 0.55–0.58 | 23057–23057 | 0.56–0.59 | 8097–8097 | 0.63–0.69 |
| sts-sw-33-7 | 8097–8097 | 0.48–0.56 | 8097–8097 | 0.48–0.50 | 23057–23057 | 0.56–0.60 | 23057–23057 | 0.58–0.64 | 8097–8097 | 0.63–0.66 |
| sts-sw-33-8 | 8097–8097 | 0.48–0.50 | 8097–8097 | 0.48–0.49 | 23057–23057 | 0.56–0.58 | 23057–23057 | 0.57–0.60 | 8097–8097 | 0.63–0.66 |
| sts-sw-33-9 | 8097–8097 | 0.59–0.60 | 8097–8097 | 0.59–0.60 | 23057–23057 | 0.65–0.66 | 23057–23057 | 0.66–0.68 | 8097–8097 | 0.77–0.82 |
| sts-sw-33-10 | 8097–8097 | 0.48–0.52 | 8097–8097 | 0.48–0.51 | 23057–23057 | 0.55–0.57 | 23057–23057 | 0.57–0.63 | 8097–8097 | 0.63–0.76 |
| sts-sw-33-11 | 8097–8097 | 0.59–0.60 | 8097–8097 | 0.59–0.60 | 23057–23057 | 0.64–0.66 | 23057–23057 | 0.66–0.68 | 8097–8097 | 0.80–0.81 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| sts-sw-37-1 | 11545–11545 | 0.94–0.97 | 11545–11545 | 0.94–1.08 | 37963–37963 | 1.03–1.09 | 37963–37963 | 1.04–1.11 | 11545–11545 | 1.17–1.28 |
| sts-sw-37-2 | 11545–11545 | 1.14–1.16 | 11545–11545 | 1.15–1.16 | 37963–37963 | 1.19–1.21 | 37963–37963 | 1.22–1.24 | 11545–11545 | 1.48–1.52 |
| sts-sw-37-3 | 11545–11545 | 0.94–0.98 | 11545–11545 | 0.93–0.96 | 37963–37963 | 1.02–1.14 | 37963–37963 | 1.03–1.08 | 11545–11545 | 1.16–1.28 |
| sts-sw-37-4 | 11545–11545 | 1.15–1.16 | 11545–11545 | 1.15–1.16 | 37963–37963 | 1.18–1.22 | 37963–37963 | 1.21–1.24 | 11545–11545 | 1.48–1.51 |
| sts-sw-37-5 | 11545–11545 | 0.93–1.00 | 11545–11545 | 0.93–0.95 | 37963–37963 | 1.03–1.42 | 37963–37963 | 1.06–1.44 | 11545–11545 | 1.17–1.20 |
| sts-sw-37-6 | 11545–11545 | 1.15–1.16 | 11545–11545 | 1.15–1.17 | 37963–37963 | 1.18–1.21 | 37963–37963 | 1.21–1.25 | 11545–11545 | 1.48–1.52 |
| sts-sw-37-7 | 11545–11545 | 1.15–1.16 | 11545–11545 | 1.15–1.17 | 37963–37963 | 1.20–1.23 | 37963–37963 | 1.23–1.26 | 11545–11545 | 1.47–1.52 |
| sts-sw-37-8 | 11545–11545 | 0.94–1.00 | 11545–11545 | 0.93–0.97 | 37963–37963 | 1.02–1.08 | 37963–37963 | 1.04–1.09 | 11545–11545 | 1.17–1.29 |
| sts-sw-37-9 | 11545–11545 | 1.14–1.16 | 11545–11545 | 1.15–1.16 | 37963–37963 | 1.20–1.23 | 37963–37963 | 1.22–1.25 | 11545–11545 | 1.48–1.50 |
| sts-sw-37-10 | 11545–11545 | 0.94–0.96 | 11545–11545 | 0.93–0.99 | 37963–37963 | 1.02–1.10 | 37963–37963 | 1.05–1.32 | 11545–11545 | 1.16–1.23 |
| sts-sw-37-11 | 11545–11545 | 1.15–1.16 | 11545–11545 | 1.15–1.16 | 37963–37963 | 1.19–1.21 | 37963–37963 | 1.21–1.24 | 11545–11545 | 1.48–1.51 |
| sts-sw-39-1 | 13586–13586 | 1.29–1.42 | 13586–13586 | 1.30–1.67 | 47672–47672 | 1.37–1.42 | 47672–47672 | 1.40–1.45 | 13586–13586 | 1.55–1.73 |
| sts-sw-39-2 | 13586–13586 | 1.57–1.58 | 13586–13586 | 1.57–1.59 | 47672–47672 | 1.56–1.60 | 47672–47672 | 1.59–1.63 | 13586–13586 | 1.95–2.00 |
| sts-sw-39-3 | 13586–13586 | 1.56–1.57 | 13586–13586 | 1.57–1.60 | 47672–47672 | 1.58–1.61 | 47672–47672 | 1.61–1.65 | 13586–13586 | 1.96–1.99 |
| sts-sw-39-4 | 13586–13586 | 1.31–1.45 | 13586–13586 | 1.29–1.48 | 47672–47672 | 1.36–1.42 | 47672–47672 | 1.40–1.61 | 13586–13586 | 1.56–2.36 |
| sts-sw-39-5 | 13586–13586 | 1.56–1.58 | 13586–13586 | 1.56–1.58 | 47672–47672 | 1.58–1.61 | 47672–47672 | 1.62–1.66 | 13586–13586 | 1.95–2.01 |
| sts-sw-39-6 | 13586–13586 | 1.28–1.32 | 13586–13586 | 1.30–1.35 | 47672–47672 | 1.37–1.43 | 47672–47672 | 1.40–1.47 | 13586–13586 | 1.55–2.07 |
| sts-sw-39-7 | 13586–13586 | 1.29–1.38 | 13586–13586 | 1.29–1.39 | 47672–47672 | 1.37–1.43 | 47672–47672 | 1.39–1.46 | 13586–13586 | 1.56–1.74 |
| sts-sw-39-8 | 13586–13586 | 1.56–1.60 | 13586–13586 | 1.56–1.84 | 47672–47672 | 1.58–1.62 | 47672–47672 | 1.62–1.66 | 13586–13586 | 1.94–2.00 |
| sts-sw-39-9 | 13586–13586 | 1.57–1.58 | 13586–13586 | 1.57–1.59 | 47672–47672 | 1.59–1.63 | 47672–47672 | 1.62–1.65 | 13586–13586 | 1.96–2.00 |
| sts-sw-39-10 | 13586–13586 | 1.57–1.59 | 13586–13586 | 1.57–1.58 | 47672–47672 | 1.58–1.61 | 47672–47672 | 1.61–1.65 | 13586–13586 | 1.95–1.98 |
| sts-sw-39-11 | 13586–13586 | 1.30–1.32 | 13586–13586 | 1.30–1.31 | 47672–47672 | 1.37–1.45 | 47672–47672 | 1.40–1.44 | 13586–13586 | 1.56–1.61 |
| sts-sw-43-1 | 18362–18362 | 2.82–2.85 | 18362–18362 | 2.83–2.86 | 72542–72542 | 2.68–2.74 | 72542–72542 | 2.71–2.78 | 18362–18362 | 3.27–3.33 |
| sts-sw-43-2 | 18362–18362 | 2.83–2.86 | 18362–18362 | 2.84–2.86 | 72542–72542 | 2.68–2.74 | 72542–72542 | 2.74–2.79 | 18362–18362 | 3.28–3.35 |
| sts-sw-43-3 | 18362–18362 | 2.34–2.47 | 18362–18362 | 2.35–2.38 | 72542–72542 | 2.32–2.77 | 72542–72542 | 2.38–2.72 | 18362–18362 | 2.61–3.86 |
| sts-sw-43-4 | 18362–18362 | 2.35–2.54 | 18362–18362 | 2.35–2.49 | 72542–72542 | 2.34–2.49 | 72542–72542 | 2.36–2.48 | 18362–18362 | 2.62–2.69 |
| sts-sw-43-5 | 18362–18362 | 2.83–2.89 | 18362–18362 | 2.81–2.85 | 72542–72542 | 2.70–2.75 | 72542–72542 | 2.76–2.83 | 18362–18362 | 3.28–3.32 |
| sts-sw-43-6 | 18362–18362 | 2.83–2.87 | 18362–18362 | 2.83–2.85 | 72542–72542 | 2.68–2.71 | 72542–72542 | 2.74–2.76 | 18362–18362 | 3.28–3.33 |
| sts-sw-43-7 | 18362–18362 | 2.83–2.86 | 18362–18362 | 2.83–2.86 | 72542–72542 | 2.68–2.74 | 72542–72542 | 2.73–2.81 | 18362–18362 | 3.28–3.35 |
| sts-sw-43-8 | 18362–18362 | 2.35–2.65 | 18362–18362 | 2.28–2.39 | 72542–72542 | 2.32–2.52 | 72542–72542 | 2.36–2.46 | 18362–18362 | 2.61–3.40 |
| sts-sw-43-9 | 18362–18362 | 2.34–2.37 | 18362–18362 | 2.34–2.48 | 72542–72542 | 2.34–2.79 | 72542–72542 | 2.35–2.54 | 18362–18362 | 2.62–2.88 |
| sts-sw-43-10 | 18362–18362 | 2.84–2.86 | 18362–18362 | 2.84–2.85 | 72542–72542 | 2.68–2.74 | 72542–72542 | 2.74–2.79 | 18362–18362 | 3.28–3.34 |
| sts-sw-43-11 | 18362–18362 | 2.76–2.85 | 18362–18362 | 2.81–2.86 | 72542–72542 | 2.64–2.73 | 72542–72542 | 2.68–2.78 | 18362–18362 | 3.15–3.34 |
| sts-sw-45-1 | 21121–21121 | 3.10–3.64 | 21121–21121 | 3.08–3.14 | 88111–88111 | 2.97–3.11 | 88111–88111 | 3.02–3.20 | 21121–21121 | 3.32–3.62 |
| sts-sw-45-2 | 21121–21121 | 3.10–3.16 | 21121–21121 | 3.09–3.14 | 88111–88111 | 2.99–4.80 | 88111–88111 | 3.06–3.28 | 21121–21121 | 3.32–5.39 |
| sts-sw-45-3 | 21121–21121 | 3.08–3.30 | 21121–21121 | 3.08–3.57 | 88111–88111 | 3.00–3.45 | 88111–88111 | 3.04–3.16 | 21121–21121 | 3.32–4.08 |
| sts-sw-45-4 | 21121–21121 | 3.08–3.13 | 21121–21121 | 3.08–3.23 | 88111–88111 | 2.99–3.10 | 88111–88111 | 3.04–3.20 | 21121–21121 | 3.32–3.58 |
| sts-sw-45-5 | 21121–21121 | 3.06–3.25 | 21121–21121 | 3.09–3.12 | 88111–88111 | 2.95–3.12 | 88111–88111 | 3.03–3.11 | 21121–21121 | 3.30–3.88 |
| sts-sw-45-6 | 21121–21121 | 3.09–3.44 | 21121–21121 | 3.09–3.82 | 88111–88111 | 2.96–3.13 | 88111–88111 | 3.02–3.32 | 21121–21121 | 3.32–4.28 |
| sts-sw-45-7 | 21121–21121 | 3.09–3.44 | 21121–21121 | 3.10–3.15 | 88111–88111 | 2.98–3.08 | 88111–88111 | 3.03–3.14 | 21121–21121 | 3.32–3.51 |
| sts-sw-45-8 | 21121–21121 | 2.96–3.26 | 21121–21121 | 2.97–3.23 | 88111–88111 | 2.90–3.17 | 88111–88111 | 2.97–3.10 | 21121–21121 | 3.21–3.38 |
| sts-sw-45-9 | 21121–21121 | 3.09–3.14 | 21121–21121 | 3.07–3.44 | 88111–88111 | 2.98–3.20 | 88111–88111 | 3.06–3.17 | 21121–21121 | 3.33–3.40 |
| sts-sw-45-10 | 21121–21121 | 3.78–3.81 | 21121–21121 | 3.78–3.80 | 88111–88111 | 3.44–3.56 | 88111–88111 | 3.48–3.56 | 21121–21121 | 4.17–4.23 |
| sts-sw-45-11 | 21121–21121 | 3.08–3.14 | 21121–21121 | 3.08–3.23 | 88111–88111 | 2.97–3.32 | 88111–88111 | 3.00–3.10 | 21121–21121 | 3.32–3.36 |
| sts-sw-49-1 | 27441–27441 | 6.30–6.34 | 27441–27441 | 6.29–6.32 | 126617–126617 | 5.44–5.54 | 126617–126617 | 5.54–5.68 | 27441–27441 | 6.52–6.66 |
| sts-sw-49-2 | 27441–27441 | 5.12–5.18 | 27441–27441 | 5.11–5.70 | 126617–126617 | 4.72–5.11 | 126617–126617 | 4.84–4.96 | 27441–27441 | 5.24–5.58 |
| sts-sw-49-3 | 27441–27441 | 5.10–5.58 | 27441–27441 | 5.11–5.30 | 126617–126617 | 4.72–4.93 | 126617–126617 | 4.82–5.05 | 27441–27441 | 5.21–5.57 |
| sts-sw-49-4 | 27441–27441 | 6.34–6.37 | 27441–27441 | 6.34–6.37 | 126617–126617 | 5.45–5.55 | 126617–126617 | 5.56–5.66 | 27441–27441 | 6.54–6.68 |
| sts-sw-49-5 | 27441–27441 | 6.36–8.99 | 27441–27441 | 6.57–9.51 | 126617–126617 | 6.08–7.55 | 126617–126617 | 6.22–7.38 | 27441–27441 | 7.01–9.26 |
| sts-sw-49-6 | 27441–27441 | 6.28–6.30 | 27441–27441 | 6.28–6.30 | 126617–126617 | 5.47–5.59 | 126617–126617 | 5.55–5.73 | 27441–27441 | 6.52–6.60 |

| graph | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| sts-sw-49-7 | 27441–27441 | 6.31–6.34 | 27441–27441 | 6.31–6.33 | 126617–126617 | 5.45–5.56 | 126617–126617 | 5.54–5.66 | 27441–27441 | 6.52–6.64 |
| sts-sw-49-8 | 27441–27441 | 6.08–6.33 | 27441–27441 | 6.08–6.34 | 126617–126617 | 5.30–5.62 | 126617–126617 | 5.57–5.66 | 27441–27441 | 6.27–6.64 |
| sts-sw-49-9 | 27441–27441 | 5.14–5.24 | 27441–27441 | 5.12–5.97 | 126617–126617 | 4.73–4.99 | 126617–126617 | 4.84–5.00 | 27441–27441 | 5.22–6.05 |
| sts-sw-49-10 | 27441–27441 | 5.13–5.20 | 27441–27441 | 5.12–5.26 | 126617–126617 | 4.67–4.87 | 126617–126617 | 4.76–5.30 | 27441–27441 | 5.21–6.58 |
| sts-sw-49-11 | 27441–27441 | 6.31–6.36 | 27441–27441 | 6.30–6.32 | 126617–126617 | 5.46–5.97 | 126617–126617 | 5.56–5.68 | 27441–27441 | 6.52–6.62 |
| sts-sw-51-1 | 31026–31026 | 6.46–7.56 | 31026–31026 | 6.49–6.76 | 150026–150026 | 5.89–6.09 | 150026–150026 | 5.98–6.20 | 31026–31026 | 6.47–6.72 |
| sts-sw-51-2 | 31026–31026 | 6.45–6.56 | 31026–31026 | 6.47–7.06 | 150026–150026 | 5.90–6.21 | 150026–150026 | 6.00–6.53 | 31026–31026 | 6.52–7.08 |
| sts-sw-51-3 | 31026–31026 | 6.37–7.17 | 31026–31026 | 6.44–7.10 | 150026–150026 | 5.88–6.78 | 150026–150026 | 5.95–6.25 | 34890–34890 | 7.14–7.48 |
| sts-sw-51-4 | 31026–31026 | 8.02–8.08 | 31026–31026 | 8.02–8.06 | 150026–150026 | 6.77–6.82 | 150026–150026 | 6.88–7.06 | 31026–31026 | 8.03–8.18 |
| sts-sw-51-5 | 31026–31026 | 8.02–8.10 | 31026–31026 | 8.01–8.06 | 150026–150026 | 6.78–6.92 | 150026–150026 | 6.89–7.05 | 31026–31026 | 8.04–8.15 |
| sts-sw-51-6 | 31026–31026 | 8.01–8.03 | 31026–31026 | 8.01–8.04 | 150026–150026 | 6.81–6.94 | 150026–150026 | 6.91–7.17 | 31026–31026 | 8.04–8.21 |
| sts-sw-51-7 | 31026–31026 | 6.47–6.57 | 31026–31026 | 6.48–7.18 | 150026–150026 | 5.90–6.16 | 150026–150026 | 6.04–6.29 | 31026–31026 | 6.46–6.86 |
| sts-sw-51-8 | 31026–31026 | 6.47–6.99 | 31026–31026 | 6.46–7.32 | 150026–150026 | 5.88–6.69 | 150026–150026 | 6.01–6.44 | 31026–31026 | 6.49–6.78 |
| sts-sw-51-9 | 31026–31026 | 6.44–7.16 | 31026–31026 | 6.48–6.61 | 150026–150026 | 5.93–6.42 | 150026–150026 | 6.04–6.30 | 31026–31026 | 6.47–6.94 |
| sts-sw-51-10 | 31026–31026 | 8.00–8.03 | 31026–31026 | 8.00–8.04 | 150026–150026 | 6.78–6.94 | 150026–150026 | 6.89–7.00 | 31026–31026 | 8.04–8.20 |
| sts-sw-51-11 | 31026–31026 | 6.34–6.57 | 31026–31026 | 6.36–6.60 | 150026–150026 | 5.89–6.49 | 150026–150026 | 6.02–6.59 | 31026–31026 | 6.44–7.22 |
| sts-sw-55-1 | 39106–39106 | 12.49–12.59 | 39106–39106 | 12.51–12.53 | 206416–206416 | 10.35–10.66 | 206416–206416 | 10.55–10.69 | 39106–39106 | 11.95–12.16 |
| sts-sw-55-2 | 39106–39106 | 10.01–10.47 | 39106–39106 | 10.06–10.96 | 206416–206416 | 8.98–9.64 | 206416–206416 | 9.16–10.57 | 39106–39106 | 9.59–10.52 |
| sts-sw-55-3 | 39106–39106 | 10.07–10.95 | 39106–39106 | 10.20–11.99 | 206416–206416 | 8.99–9.38 | 206416–206416 | 9.18–9.46 | 39106–39106 | 9.69–10.86 |
| sts-sw-55-4 | 39106–39106 | 10.04–10.23 | 39106–39106 | 10.12–12.04 | 206416–206416 | 9.00–9.31 | 206416–206416 | 9.12–9.55 | 39106–39106 | 9.58–10.01 |
| sts-sw-55-5 | 39106–39106 | 9.68–10.16 | 39106–39106 | 9.63–10.20 | 206416–206416 | 8.90–9.35 | 206416–206416 | 9.04–9.46 | 39106–39106 | 9.29–10.11 |
| sts-sw-55-6 | 39106–39106 | 10.14–10.31 | 39106–39106 | 10.11–10.26 | 206416–206416 | 8.96–9.42 | 206416–206416 | 9.15–9.48 | 39106–39106 | 9.66–10.37 |
| sts-sw-55-7 | 39106–39106 | 10.11–10.53 | 39106–39106 | 10.13–10.51 | 206416–206416 | 8.96–9.46 | 206416–206416 | 9.10–9.50 | 39106–39106 | 9.62–10.40 |
| sts-sw-55-8 | 39106–39106 | 9.67–10.26 | 39106–39106 | 9.68–12.79 | 206416–206416 | 8.93–9.37 | 206416–206416 | 9.15–9.62 | 39106–39106 | 9.58–10.14 |
| sts-sw-55-9 | 39106–39106 | 10.10–10.99 | 39106–39106 | 10.06–11.79 | 206416–206416 | 8.97–9.39 | 206416–206416 | 9.21–9.56 | 39106–39106 | 9.60–10.72 |
| sts-sw-55-10 | 39106–39106 | 10.06–10.40 | 39106–39106 | 10.05–10.96 | 206416–206416 | 8.93–10.72 | 206416–206416 | 9.11–9.54 | 39106–39106 | 9.64–10.18 |
| sts-sw-55-11 | 39106–39106 | 10.06–10.18 | 39106–39106 | 10.10–10.28 | 206416–206416 | 8.98–9.57 | 206416–206416 | 9.12–9.98 | 39106–39106 | 9.64–10.16 |
| sts-sw-57-1 | 43625–43625 | 12.49–13.34 | 43625–43625 | 12.49–12.98 | 239933–239933 | 11.12–11.90 | 239933–239933 | 11.26–11.97 | 43625–43625 | 11.61–12.08 |
| sts-sw-57-2 | 43625–43625 | 12.50–13.41 | 43625–43625 | 12.46–12.96 | 239933–239933 | 11.10–11.75 | 239933–239933 | 11.28–11.83 | 43625–43625 | 11.64–12.75 |
| sts-sw-57-3 | 43625–43625 | 12.44–12.66 | 43625–43625 | 12.43–14.00 | 239933–239933 | 11.10–11.49 | 239933–239933 | 11.27–11.84 | 43625–43625 | 11.62–12.94 |
| sts-sw-57-4 | 43625–43625 | 12.50–12.74 | 43625–43625 | 12.50–12.66 | 239933–239933 | 11.09–11.58 | 239933–239933 | 11.26–12.08 | 43625–43625 | 11.60–13.31 |
| sts-sw-57-5 | 43625–43625 | 12.51–13.09 | 43625–43625 | 12.54–14.15 | 239933–239933 | 11.04–11.88 | 239933–239933 | 11.21–11.76 | 43625–43625 | 11.61–12.25 |
| sts-sw-57-6 | 43625–43625 | 15.44–15.66 | 43625–43625 | 15.46–15.50 | 239933–239933 | 12.67–12.89 | 239933–239933 | 12.84–13.07 | 43625–43625 | 14.40–14.62 |
| sts-sw-57-7 | 43625–43625 | 15.46–15.55 | 43625–43625 | 15.43–15.49 | 239933–239933 | 12.66–20.00 | 239933–239933 | 12.85–13.34 | 43625–43625 | 14.37–14.63 |
| sts-sw-57-8 | 43625–43625 | 11.96–13.54 | 43625–43625 | 11.92–12.64 | 239933–239933 | 10.91–11.40 | 239933–239933 | 11.27–11.63 | 43625–43625 | 11.11–12.50 |
| sts-sw-57-9 | 43625–43625 | 15.56–15.65 | 43625–43625 | 15.55–15.63 | 239933–239933 | 12.67–13.01 | 239933–239933 | 12.85–13.14 | 43625–43625 | 14.42–14.64 |
| sts-sw-57-10 | 43625–43625 | 12.47–12.75 | 43625–43625 | 12.52–13.09 | 239933–239933 | 11.09–12.88 | 239933–239933 | 11.25–11.79 | 43625–43625 | 11.60–13.28 |
| sts-sw-57-11 | 43625–43625 | 12.46–12.70 | 43625–43625 | 12.48–12.61 | 239933–239933 | 11.04–11.80 | 239933–239933 | 11.23–13.61 | 43625–43625 | 11.58–12.15 |
| sts-sw-61-1 | 53681–53681 | 18.07–19.52 | 53681–53681 | 18.13–19.65 | 319031–319031 | 16.14–18.39 | 319031–319031 | 16.41–17.16 | 53681–53681 | 16.63–17.36 |
| sts-sw-61-2 | 53681–53681 | 18.70–18.84 | 53681–53681 | 18.58–18.84 | 319031–319031 | 16.19–16.84 | 319031–319031 | 16.47–17.38 | 53681–53681 | 16.57–17.95 |
| sts-sw-61-3 | 53681–53681 | 23.02–23.12 | 53681–53681 | 22.99–23.12 | 319031–319031 | 18.51–18.85 | 319031–319031 | 18.77–19.33 | 53681–53681 | 20.53–20.64 |
| sts-sw-61-4 | 53681–53681 | 17.96–19.08 | 53681–53681 | 17.94–20.08 | 319031–319031 | 16.15–17.20 | 319031–319031 | 16.49–17.48 | 53681–53681 | 16.46–16.98 |
| sts-sw-61-5 | 53681–53681 | 23.09–23.14 | 53681–53681 | 23.06–23.13 | 319031–319031 | 18.52–19.06 | 319031–319031 | 18.78–19.34 | 53681–53681 | 20.52–20.88 |
| sts-sw-61-6 | 53681–53681 | 22.15–23.21 | 53681–53681 | 22.14–23.14 | 319031–319031 | 18.21–19.55 | 319031–319031 | 18.68–19.90 | 53681–53681 | 19.66–20.76 |
| sts-sw-61-7 | 53681–53681 | 18.65–19.48 | 53681–53681 | 18.69–18.94 | 319031–319031 | 16.14–17.01 | 319031–319031 | 16.59–16.98 | 53681–53681 | 16.60–17.20 |
| sts-sw-61-8 | 53681–53681 | 25.55–31.21 | 53681–53681 | 29.46–33.23 | 319031–319031 | 21.14–21.65 | 319031–319031 | 20.67–22.11 | 53681–53681 | 23.55–28.26 |
| sts-sw-61-9 | 53681–53681 | 17.99–19.28 | 53681–53681 | 18.14–18.82 | 319031–319031 | 16.19–17.64 | 319031–319031 | 16.58–28.46 | 53681–53681 | 16.54–21.00 |
| sts-sw-61-10 | 53681–53681 | 18.66–19.50 | 53681–53681 | 18.63–19.84 | 319031–319031 | 16.22–19.33 | 319031–319031 | 16.52–17.55 | 53681–53681 | 16.56–18.86 |
| sts-sw-61-11 | 53681–53681 | 17.76–19.21 | 53681–53681 | 17.77–18.50 | 319031–319031 | 16.23–17.22 | 319031–319031 | 16.45–17.55 | 53681–53681 | 16.32–17.30 |
| sts-sw-63-1 | 59242–59242 | 22.57–23.06 | 59242–59242 | 22.66–23.30 | 365212–365212 | 19.74–21.14 | 365212–365212 | 20.04–22.52 | 59242–59242 | 19.63–22.32 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| sts-sw-63-2 | 59242–59242 | 27.84–28.08 | 59242–59242 | 27.83–27.90 | 365212–365212 | 22.53–23.06 | 365212–365212 | 22.77–23.48 | 59242–59242 | 24.35–24.68 |
| sts-sw-63-3 | 59242–59242 | 22.58–22.84 | 59242–59242 | 22.52–23.38 | 365212–365212 | 19.71–20.76 | 365212–365212 | 19.99–20.76 | 59242–59242 | 19.59–20.59 |
| sts-sw-63-4 | 59242–59242 | 27.81–28.47 | 59242–59242 | 27.83–27.93 | 365212–365212 | 22.51–23.08 | 365212–365212 | 22.86–23.30 | 59242–59242 | 24.34–24.71 |
| sts-sw-63-5 | 59242–59242 | 27.75–27.86 | 59242–59242 | 27.76–27.85 | 365212–365212 | 22.44–23.84 | 365212–365212 | 22.75–24.17 | 59242–59242 | 24.36–24.69 |
| sts-sw-63-6 | 59242–59242 | 27.84–27.93 | 59242–59242 | 27.85–28.01 | 365212–365212 | 22.44–23.80 | 365212–365212 | 22.76–24.18 | 59242–59242 | 24.36–24.74 |
| sts-sw-63-7 | 59242–59242 | 22.59–23.23 | 59242–59242 | 22.60–24.41 | 365212–365212 | 19.74–20.43 | 365212–365212 | 20.08–21.24 | 59242–59242 | 19.74–22.93 |
| sts-sw-63-8 | 59242–59242 | 22.56–28.70 | 59242–59242 | 22.58–24.58 | 365212–365212 | 19.82–20.30 | 365212–365212 | 20.00–21.00 | 59242–59242 | 19.64–21.29 |
| sts-sw-63-9 | 59242–59242 | 22.50–23.42 | 59242–59242 | 22.51–23.16 | 365212–365212 | 19.82–20.42 | 365212–365212 | 20.02–21.40 | 59242–59242 | 19.68–21.39 |
| sts-sw-63-10 | 59242–59242 | 22.25–23.64 | 59242–59242 | 22.14–23.19 | 365212–365212 | 19.67–21.97 | 365212–365212 | 20.02–20.64 | 59242–59242 | 19.62–20.78 |
| sts-sw-63-11 | 59242–59242 | 22.67–23.62 | 59242–59242 | 22.63–23.69 | 365212–365212 | 19.78–21.03 | 365212–365212 | 20.04–21.39 | 59242–59242 | 19.84–21.11 |
| sts-sw-67-1 | 71490–71490 | 32.11–58.37 | 71490–71490 | 32.13–33.57 | 472418–472418 | 28.24–29.44 | 472418–472418 | 28.56–30.09 | 71490–71490 | 27.44–27.95 |
| sts-sw-67-2 | 71490–71490 | 31.14–32.97 | 71490–71490 | 30.97–32.91 | 472418–472418 | 28.30–29.50 | 472418–472418 | 28.75–29.92 | 71490–71490 | 26.76–28.82 |
| sts-sw-67-3 | 71490–71490 | 32.53–33.41 | 71490–71490 | 32.60–36.53 | 472418–472418 | 28.05–30.29 | 472418–472418 | 28.42–37.05 | 71490–71490 | 27.43–29.96 |
| sts-sw-67-4 | 71490–71490 | 32.45–32.85 | 71490–71490 | 32.52–34.11 | 472418–472418 | 28.22–31.46 | 472418–472418 | 28.55–31.33 | 71490–71490 | 27.37–34.28 |
| sts-sw-67-5 | 71490–71490 | 40.31–40.55 | 71490–71490 | 40.32–40.48 | 472418–472418 | 31.94–34.93 | 472418–472418 | 32.34–34.89 | 71490–71490 | 33.72–35.40 |
| sts-sw-67-6 | 71490–71490 | 31.25–34.33 | 71490–71490 | 31.04–32.86 | 472418–472418 | 28.04–30.60 | 472418–472418 | 28.48–29.66 | 71490–71490 | 27.52–28.44 |
| sts-sw-67-7 | 71490–71490 | 32.37–33.41 | 71490–71490 | 32.44–33.51 | 472418–472418 | 27.92–29.67 | 472418–472418 | 28.37–49.39 | 71490–71490 | 27.31–28.72 |
| sts-sw-67-8 | 71490–71490 | 32.29–33.93 | 71490–71490 | 32.09–34.42 | 472418–472418 | 28.11–29.67 | 472418–472418 | 28.80–31.31 | 71490–71490 | 27.44–30.68 |
| sts-sw-67-9 | 71490–71490 | 32.65–34.22 | 71490–71490 | 32.51–34.07 | 472418–472418 | 28.18–31.62 | 472418–472418 | 28.72–31.37 | 71490–71490 | 27.44–29.67 |
| sts-sw-67-10 | 71490–71490 | 32.59–33.32 | 71490–71490 | 32.73–33.68 | 472418–472418 | 28.18–29.60 | 472418–472418 | 28.31–30.04 | 71490–71490 | 27.28–29.22 |
| sts-sw-67-11 | 71490–71490 | 32.28–33.24 | 71490–71490 | 32.35–33.40 | 472418–472418 | 28.08–31.20 | 472418–472418 | 28.34–29.63 | 71490–71490 | 27.47–28.81 |
| sts-sw-69-1 | 78201–78201 | 38.77–40.26 | 78201–78201 | 38.89–39.81 | 534107–534107 | 33.41–37.36 | 534107–534107 | 34.12–37.40 | 78201–78201 | 32.21–34.81 |
| sts-sw-69-2 | 78201–78201 | 38.66–41.90 | 78201–78201 | 38.59–40.25 | 534107–534107 | 33.76–36.82 | 534107–534107 | 34.34–37.68 | 78201–78201 | 32.04–34.76 |
| sts-sw-69-3 | 78201–78201 | 38.74–42.24 | 78201–78201 | 38.79–44.17 | 534107–534107 | 33.63–37.47 | 534107–534107 | 34.47–37.97 | 78201–78201 | 32.07–38.33 |
| sts-sw-69-4 | 78201–78201 | 38.48–40.09 | 78201–78201 | 38.31–39.11 | 534107–534107 | 33.48–34.97 | 534107–534107 | 34.04–35.33 | 78201–78201 | 31.68–33.05 |
| sts-sw-69-5 | 78201–78201 | 38.65–39.55 | 78201–78201 | 38.68–40.34 | 534107–534107 | 33.65–37.42 | 534107–534107 | 33.92–37.99 | 78201–78201 | 32.08–32.71 |
| sts-sw-69-6 | 78201–78201 | 38.66–39.41 | 78201–78201 | 38.69–41.11 | 534107–534107 | 33.51–37.42 | 534107–534107 | 34.14–37.40 | 78201–78201 | 32.11–32.83 |
| sts-sw-69-7 | 78201–78201 | 38.50–40.29 | 78201–78201 | 38.60–42.74 | 534107–534107 | 33.67–41.22 | 534107–534107 | 34.27–37.30 | 78201–78201 | 32.11–32.59 |
| sts-sw-69-8 | 78201–78201 | 38.52–39.12 | 78201–78201 | 38.54–39.37 | 534107–534107 | 33.50–37.90 | 534107–534107 | 34.05–38.08 | 78201–78201 | 31.98–35.73 |
| sts-sw-69-9 | 78201–78201 | 38.75–42.65 | 78201–78201 | 38.95–40.43 | 534107–534107 | 33.59–38.94 | 534107–534107 | 34.06–35.08 | 78201–78201 | 32.25–33.57 |
| sts-sw-69-10 | 78201–78201 | 38.67–39.92 | 78201–78201 | 38.70–40.51 | 534107–534107 | 33.47–35.95 | 534107–534107 | 34.10–35.86 | 78201–78201 | 32.21–36.39 |
| sts-sw-69-11 | 78201–78201 | 39.14–40.79 | 78201–78201 | 38.49–46.95 | 534107–534107 | 33.54–36.79 | 534107–534107 | 34.15–37.29 | 78201–78201 | 32.20–33.03 |
| sts-sw-73-1 | 92857–92857 | 53.82–59.39 | 92857–92857 | 54.05–57.99 | 675397–675397 | 47.67–69.07 | 675397–675397 | 47.83–53.14 | 92857–92857 | 43.45–65.67 |
| sts-sw-73-2 | 92857–92857 | 51.23–55.25 | 92857–92857 | 51.10–54.54 | 675397–675397 | 47.75–53.73 | 675397–675397 | 47.88–53.35 | 92857–92857 | 41.77–48.24 |
| sts-sw-73-3 | 92857–92857 | 54.11–57.00 | 92857–92857 | 53.94–56.51 | 675397–675397 | 47.54–53.43 | 675397–675397 | 47.90–53.48 | 92857–92857 | 43.37–45.02 |
| sts-sw-73-4 | 92857–92857 | 53.92–59.22 | 92857–92857 | 53.92–59.63 | 675397–675397 | 47.61–53.96 | 675397–675397 | 47.69–53.18 | 92857–92857 | 43.40–44.79 |
| sts-sw-73-5 | 92857–92857 | 53.83–54.76 | 92857–92857 | 53.99–55.74 | 675397–675397 | 47.61–50.52 | 675397–675397 | 47.95–50.45 | 92857–92857 | 43.59–44.96 |
| sts-sw-73-6 | 92857–92857 | 66.34–66.78 | 92857–92857 | 66.33–66.57 | 675397–675397 | 52.46–54.20 | 675397–675397 | 53.00–54.91 | 92857–92857 | 52.96–53.42 |
| sts-sw-73-7 | 92857–92857 | 66.27–66.54 | 92857–92857 | 66.26–66.46 | 675397–675397 | 52.49–53.45 | 675397–675397 | 53.18–53.97 | 92857–92857 | 52.87–53.86 |
| sts-sw-73-8 | 92857–92857 | 66.84–67.07 | 92857–92857 | 66.86–67.15 | 675397–675397 | 52.88–55.20 | 675397–675397 | 53.67–55.98 | 92857–92857 | 53.24–53.97 |
| sts-sw-73-9 | 92857–92857 | 54.35–56.59 | 92857–92857 | 54.12–57.01 | 675397–675397 | 47.75–69.67 | 675397–675397 | 47.55–54.39 | 92857–92857 | 43.29–44.77 |
| sts-sw-73-10 | 92857–92857 | 53.48–55.91 | 92857–92857 | 53.48–55.10 | 675397–675397 | 47.75–52.73 | 675397–675397 | 48.02–54.10 | 92857–92857 | 43.11–45.55 |
| sts-sw-73-11 | 92857–92857 | 53.86–57.07 | 92857–92857 | 54.05–55.02 | 675397–675397 | 48.01–53.88 | 675397–675397 | 47.73–55.19 | 92857–92857 | 43.34–48.21 |
| sts-sw-75-1 | 100826–100826 | 63.46–65.93 | 100826–100826 | 63.87–66.55 | 755726–755726 | 55.43–70.04 | 755726–755726 | 55.57–62.61 | 100826–100826 | 50.18–57.07 |
| sts-sw-75-2 | 100826–100826 | 63.61–68.62 | 100826–100826 | 63.47–64.93 | 755726–755726 | 55.21–63.84 | 755726–755726 | 55.56–63.11 | 100826–100826 | 50.07–51.73 |
| sts-sw-75-3 | 100826–100826 | 60.65–62.37 | 100826–100826 | 60.68–64.05 | 755726–755726 | 55.14–61.48 | 755726–755726 | 55.88–62.27 | 100826–100826 | 49.91–75.85 |
| sts-sw-75-4 | 100826–100826 | 63.46–65.97 | 100826–100826 | 63.46–76.09 | 755726–755726 | 55.46–60.21 | 755726–755726 | 55.94–59.66 | 100826–100826 | 49.93–55.34 |
| sts-sw-75-5 | 100826–100826 | 61.04–65.57 | 100826–100826 | 63.25–65.20 | 755726–755726 | 55.05–63.54 | 755726–755726 | 55.90–63.36 | 100826–100826 | 49.91–51.96 |
| sts-sw-75-6 | 100826–100826 | 63.47–64.83 | 100826–100826 | 63.39–65.17 | 755726–755726 | 55.05–62.75 | 755726–755726 | 55.92–63.39 | 100826–100826 | 49.73–52.67 |
| sts-sw-75-7 | 100826–100826 | 63.25–80.38 | 100826–100826 | 63.46–65.18 | 755726–755726 | 55.09–60.18 | 755726–755726 | 55.45–59.05 | 100826–100826 | 50.18–54.89 |

| | nauty | | nauty -can | | bliss | | bliss -can | | saucy | |
|---|---|---|---|---|---|---|---|---|---|---|
| graph | nodes | time | nodes | time | nodes | time | nodes | time | nodes | time |
| sts-sw-75-8 | 100826–100826 | 61.68–63.55 | 100826–100826 | 61.65–65.57 | 755726–755726 | 55.44–62.49 | 755726–755726 | 55.81–63.15 | 100826–100826 | 50.06–55.09 |
| sts-sw-75-9 | 100826–100826 | 63.27–67.03 | 100826–100826 | 63.35–65.21 | 755726–755726 | 54.79–59.66 | 755726–755726 | 55.67–59.04 | 100826–100826 | 50.13–51.70 |
| sts-sw-75-10 | 100826–100826 | 62.25–65.97 | 100826–100826 | 62.00–65.15 | 755726–755726 | 55.02–59.12 | 755726–755726 | 55.45–59.67 | 100826–100826 | 50.28–56.33 |
| sts-sw-75-11 | 100826–100826 | 63.65–67.15 | 100826–100826 | 63.43–64.63 | 755726–755726 | 54.89–58.40 | 755726–755726 | 55.71–62.33 | 100826–100826 | 50.06–51.86 |
| sts-sw-79-1 | 118106–118106 | 86.49–90.74 | 118106–118106 | 86.14–90.73 | 937652–937652 | 77.60–81.78 | 937652–937652 | 78.18–84.70 | 118106–118106 | 66.67–69.32 |
| sts-sw-79-2 | 118106–118106 | 87.65–94.25 | 118106–118106 | 87.43–90.29 | 937652–937652 | 77.05–82.42 | 937652–937652 | 78.07–84.70 | 118106–118106 | 66.21–68.75 |
| sts-sw-79-3 | 118106–118106 | 106.11–106.89 | 118106–118106 | 106.09–107.07 | 937652–937652 | 84.32–87.66 | 937652–937652 | 85.23–88.27 | 118106–118106 | 80.56–81.41 |
| sts-sw-79-4 | 118106–118106 | 106.57–107.09 | 118106–118106 | 106.65–106.99 | 937652–937652 | 84.41–89.82 | 937652–937652 | 85.54–90.69 | 118106–118106 | 80.59–81.14 |
| sts-sw-79-5 | 118106–118106 | 102.31–106.61 | 118106–118106 | 102.39–106.43 | 937652–937652 | 84.00–87.09 | 937652–937652 | 84.15–88.91 | 118106–118106 | 77.26–81.16 |
| sts-sw-79-6 | 118106–118106 | 87.14–87.87 | 118106–118106 | 87.32–88.99 | 937652–937652 | 77.65–84.29 | 937652–937652 | 78.59–84.40 | 118106–118106 | 66.46–68.47 |
| sts-sw-79-7 | 118106–118106 | 87.13–89.27 | 118106–118106 | 87.22–91.23 | 937652–937652 | 77.22–81.38 | 937652–937652 | 78.06–86.47 | 118106–118106 | 66.76–69.27 |
| sts-sw-79-8 | 118106–118106 | 83.70–86.08 | 118106–118106 | 83.46–85.00 | 937652–937652 | 77.22–107.51 | 937652–937652 | 78.25–90.88 | 118106–118106 | 66.47–69.20 |
| sts-sw-79-9 | 118106–118106 | 86.56–88.96 | 118106–118106 | 86.62–89.21 | 937652–937652 | 77.62–88.78 | 937652–937652 | 78.37–93.08 | 118106–118106 | 66.54–69.16 |
| sts-sw-79-10 | 118106–118106 | 83.72–87.50 | 118106–118106 | 83.33–87.45 | 937652–937652 | 77.56–90.98 | 937652–937652 | 78.60–89.25 | 118106–118106 | 66.21–69.98 |
| sts-sw-79-11 | 118106–118106 | 86.42–91.01 | 118106–118106 | 86.55–90.44 | 937652–937652 | 77.52–88.65 | 937652–937652 | 78.69–90.14 | 118106–118106 | 66.38–76.00 |
| triang-4 | 10–15 | 0.001–0.001 | 10–15 | 0.001–0.001 | 10–15 | 0.001–0.001 | 10–15 | 0.001–0.001 | 10–13 | 0.001–0.001 |
| triang-5 | 10–12 | 0.001–0.001 | 10–12 | 0.001–0.001 | 11–11 | 0.001–0.001 | 11–11 | 0.001–0.001 | 15–15 | 0.001–0.001 |
| triang-6 | 15–18 | 0.001–0.001 | 15–18 | 0.001–0.001 | 17–17 | 0.001–0.001 | 17–17 | 0.001–0.001 | 17–20 | 0.001–0.001 |
| triang-7 | 21–25 | 0.001–0.001 | 21–25 | 0.001–0.001 | 16–18 | 0.001–0.001 | 16–18 | 0.001–0.001 | 28–34 | 0.001–0.001 |
| triang-8 | 28–33 | 0.001–0.001 | 28–33 | 0.001–0.001 | 21–26 | 0.001–0.001 | 21–26 | 0.001–0.001 | 28–37 | 0.001–0.001 |
| triang-9 | 36–42 | 0.001–0.001 | 36–42 | 0.001–0.001 | 28–32 | 0.001–0.001 | 28–32 | 0.001–0.001 | 36–47 | 0.001–0.001 |
| triang-10 | 45–52 | 0.001–0.001 | 45–52 | 0.001–0.001 | 29–34 | 0.001–0.001 | 29–34 | 0.001–0.001 | 45–57 | 0.001–0.001 |
| triang-11 | 55–63 | 0.001–0.001 | 55–63 | 0.001–0.001 | 36–47 | 0.001–0.001 | 36–47 | 0.001–0.001 | 55–70 | 0.001–0.001 |
| triang-12 | 66–75 | 0.001–0.001 | 66–75 | 0.001–0.001 | 45–59 | 0.001–0.001 | 45–59 | 0.001–0.001 | 66–83 | 0.001–0.001 |
| triang-13 | 78–88 | 0.001–0.001 | 78–88 | 0.001–0.001 | 49–62 | 0.001–0.001 | 49–62 | 0.001–0.001 | 78–98 | 0.001–0.001 |
| triang-14 | 91–102 | 0.001–0.001 | 91–102 | 0.001–0.001 | 55–68 | 0.001–0.001 | 55–68 | 0.001–0.001 | 91–114 | 0.001–0.001 |
| triang-15 | 105–117 | 0.001–0.001 | 105–117 | 0.001–0.001 | 66–89 | 0.001–0.01 | 66–89 | 0.001–0.001 | 105–133 | 0.001–0.001 |
| triang-16 | 120–133 | 0.001–0.001 | 120–133 | 0.001–0.001 | 67–90 | 0.001–0.01 | 67–90 | 0.001–0.01 | 125–153 | 0.001–0.001 |
| triang-17 | 136–150 | 0.001–0.001 | 136–150 | 0.001–0.001 | 82–95 | 0.001–0.01 | 82–95 | 0.001–0.01 | 136–161 | 0.001–0.01 |
| triang-18 | 153–168 | 0.001–0.001 | 153–168 | 0.001–0.001 | 91–122 | 0.01–0.02 | 91–122 | 0.01–0.02 | 153–191 | 0.001–0.001 |
| triang-19 | 171–187 | 0.001–0.001 | 171–187 | 0.001–0.001 | 99–126 | 0.01–0.02 | 99–126 | 0.01–0.02 | 171–219 | 0.001–0.01 |
| triang-20 | 190–207 | 0.001–0.001 | 190–207 | 0.001–0.001 | 111–146 | 0.02–0.03 | 111–146 | 0.01–0.02 | 190–213 | 0.001–0.01 |
| triang-21 | 210–228 | 0.001–0.01 | 210–228 | 0.001–0.01 | 127–167 | 0.02–0.04 | 127–167 | 0.02–0.03 | 228–252 | 0.01–0.01 |
| triang-22 | 231–250 | 0.01–0.01 | 231–250 | 0.001–0.01 | 128–165 | 0.02–0.04 | 128–165 | 0.03–0.04 | 231–259 | 0.01–0.01 |
| triang-23 | 253–273 | 0.01–0.01 | 253–273 | 0.01–0.01 | 144–187 | 0.03–0.04 | 144–187 | 0.03–0.04 | 253–300 | 0.01–0.02 |
| triang-24 | 276–297 | 0.01–0.01 | 276–297 | 0.01–0.02 | 156–215 | 0.04–0.06 | 156–215 | 0.04–0.05 | 276–330 | 0.02–0.02 |
| triang-25 | 300–322 | 0.01–0.02 | 300–322 | 0.02–0.02 | 170–198 | 0.04–0.06 | 170–198 | 0.05–0.06 | 319–342 | 0.02–0.02 |
| triang-26 | 325–348 | 0.02–0.02 | 325–348 | 0.02–0.03 | 203–232 | 0.06–0.07 | 203–232 | 0.06–0.07 | 346–392 | 0.02–0.03 |
| triang-27 | 351–375 | 0.02–0.03 | 351–375 | 0.02–0.04 | 214–249 | 0.06–0.08 | 214–249 | 0.07–0.09 | 351–411 | 0.02–0.03 |
| triang-28 | 378–403 | 0.03–0.04 | 378–403 | 0.03–0.04 | 219–243 | 0.07–0.10 | 219–243 | 0.08–0.10 | 378–427 | 0.03–0.03 |
| triang-29 | 406–432 | 0.03–0.04 | 406–432 | 0.04–0.04 | 240–287 | 0.09–0.11 | 240–287 | 0.09–0.13 | 422–453 | 0.04–0.04 |
| triang-30 | 435–462 | 0.04–0.04 | 435–462 | 0.05–0.05 | 249–313 | 0.10–0.13 | 249–313 | 0.10–0.13 | 435–515 | 0.04–0.04 |