

Untitled

```
## Loading required package: xts
## Loading required package: zoo
##
## Attaching package: 'zoo'
##
## The following objects are masked from 'package:base':
##
##      as.Date, as.Date.numeric

## [1] "ABF.L.csv"
##      Date Open High Low Close      tr atr    MA diff  OC Tog
## 221 5/5/2014 2900 2900 2900 2900 0.00 61 2907 -7 0 7
## 222 5/6/2014 2924 2963 2892 2963 71.15 62 2931 32 39 -39
## 223 5/7/2014 2974 3001 2953 2973 48.00 61 2932 41 -1 21
## 224 5/8/2014 2975 3014 2964 2974 50.00 60 2943 31 -1 21
## 225 5/9/2014 2960 2960 2923 2945 51.00 60 2947 -2 -15 -13
## 226 5/12/2014 2948 2984 2927 2982 57.00 59 2955 27 34 -28
## 227 5/13/2014 2989 2989 2937 2966 52.00 59 2957 9 -23 -20
## 228 5/14/2014 2967 2975 2949 2965 26.00 57 2956 9 -2 -7
## 229 5/15/2014 2967 3011 2929 2945 82.00 58 2951 -6 -22 -60
## 230 5/16/2014 2952 3004 2928 3004 76.00 60 2962 42 52 -34
## [1] ""
##      Date Open High Low Close
## 231 5/19/2014 3014 3078 3001 3071
## [1] ""
## [1] "AGK.L.csv"
##      Date Open High Low Close      tr atr    MA diff  OC Tog
## 221 5/5/2014 1645 1645 1645 1645 0.00 31 1587 58 0 58
## 222 5/6/2014 1640 1654 1623 1627 31.00 31 1596 31 -13 27
## 223 5/7/2014 1628 1646 1622 1644 24.46 31 1606 38 16 16
## 224 5/8/2014 1642 1654 1637 1650 17.00 30 1615 35 8 22
## 225 5/9/2014 1651 1655 1631 1642 24.00 29 1623 19 -9 8
## 226 5/12/2014 1644 1664 1643 1661 22.00 29 1631 30 17 12
## 227 5/13/2014 1670 1684 1667 1681 23.00 28 1642 39 11 25
## 228 5/14/2014 1684 1734 1676 1702 58.00 31 1654 48 18 22
## 229 5/15/2014 1698 1703 1684 1703 19.00 30 1660 43 5 24
## 230 5/16/2014 1707 1709 1677 1699 32.00 30 1665 34 -8 12
## [1] ""
##      Date Open High Low Close
## 231 5/19/2014 1700 1744 1699 1743
## [1] ""
## [1] "AZN.L.csv"
##      Date Open High Low Close      tr atr    MA diff  OC Tog
## 221 5/5/2014 4808 4808 4808 4808 0.00 192 4465 343 0 343.00
## 222 5/6/2014 4735 4762 4658 4678 150.50 189 4537 140 -58 120.50
## 223 5/7/2014 4622 4664 4609 4631 68.97 181 4596 35 9 12.53
## 224 5/8/2014 4630 4735 4630 4713 105.00 175 4650 63 83 -20.00
## 225 5/9/2014 4665 4678 4598 4600 114.50 171 4702 -102 -64 24.00
## 226 5/12/2014 4628 4648 4576 4610 72.08 164 4696 -86 -18 47.50
## 227 5/13/2014 4635 4734 4615 4642 123.50 161 4697 -55 7 -36.50
## 228 5/14/2014 4642 4698 4468 4654 229.75 166 4696 -42 12 -2.25
## 229 5/15/2014 4649 4726 4634 4726 92.00 161 4687 40 78 -52.50
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## 230 5/16/2014 4741 4827 4663 4824 164.33 161 4689 134 82 -26.33
## [1] ""
##      Date Open High  Low Close
## 231 5/19/2014 4200 4823 4098 4288
## [1] ""
## [1] "BATS.L.csv"
##      Date Open High  Low Close    tr atr   MA diff  OC   Tog
## 221 5/5/2014 3396 3396 3396 3396  0.00  53 3429  -32   0  32.5
## 222 5/6/2014 3412 3417 3362 3366 54.40  53 3424  -58 -45   7.1
## 223 5/7/2014 3374 3416 3371 3416 49.00  53 3424   -8  42   8.5
## 224 5/8/2014 3430 3450 3417 3436 34.00  51 3425   11   6  -8.0
## 225 5/9/2014 3430 3446 3405 3418 40.71  51 3424   -6 -13 -22.0
## 226 5/12/2014 3469 3478 3451 3458 61.00  51 3424   34 -10  27.0
## 227 5/13/2014 3472 3473 3435 3450 38.00  50 3420   30 -21  15.0
## 228 5/14/2014 3455 3468 3429 3464 38.50  50 3425   40  10   4.0
## 229 5/15/2014 3460 3478 3430 3466 47.50  49 3427   40   6   3.5
## 230 5/16/2014 3480 3527 3445 3513 82.00  52 3438   75  34   7.0
## [1] ""
##      Date Open High  Low Close
## 231 5/19/2014 3527 3547 3514 3528
## [1] ""
## [1] "BLT.L.csv"
##      Date Open High  Low Close    tr atr   MA diff  OC   Tog
## 221 5/5/2014 1931 1931 1931 1931  0.00  32 1919   12   0  12.00
## 222 5/6/2014 1921 1924 1890 1912 41.00  33 1918   -6  -9  -6.50
## 223 5/7/2014 1898 1917 1881 1917 36.10  33 1918   -1  19   0.90
## 224 5/8/2014 1919 1924 1910 1913 14.00  32 1916   -3  -6  -8.00
## 225 5/9/2014 1920 1923 1896 1896 27.50  32 1914  -18 -24  -9.00
## 226 5/12/2014 1922 1955 1918 1948 58.69  33 1918   30  26  -0.12
## 227 5/13/2014 1959 1990 1896 1965 93.00  38 1923   42   6 -26.50
## 228 5/14/2014 1971 2002 1962 1995 39.00  38 1930   65  24  32.50
## 229 5/15/2014 1993 2018 1973 1982 44.50  38 1939   43 -11  34.00
## 230 5/16/2014 1980 1984 1937 1953 47.50  39 1941   12 -27  -4.00
## [1] ""
##      Date Open High  Low Close
## 231 5/19/2014 1940 1952 1924 1942
## [1] ""
## [1] "BNZL.L.csv"
##      Date Open High  Low Close    tr atr   MA diff  OC   Tog
## 221 5/5/2014 1652 1652 1652 1652  0.0  23 1655   -3   0   3
## 222 5/6/2014 1655 1666 1648 1665 18.5  23 1660    5  10 -12
## 223 5/7/2014 1636 1661 1636 1655 29.0  23 1660   -5  19  -1
## 224 5/8/2014 1656 1666 1634 1641 32.0  24 1660  -19 -15  -6
## 225 5/9/2014 1638 1648 1629 1647 19.0  23 1658  -11   9  10
## 226 5/12/2014 1644 1663 1637 1662 26.0  24 1659    3  18 -22
## 227 5/13/2014 1666 1676 1662 1672 14.0  23 1659   13   6   3
## 228 5/14/2014 1672 1685 1667 1682 18.0  22 1659   23  10   8
## 229 5/15/2014 1685 1692 1677 1680 15.1  22 1661   19  -5  16
## 230 5/16/2014 1685 1686 1649 1657 37.0  23 1661   -4 -28 -25
## [1] ""
##      Date Open High  Low Close
## 231 5/19/2014 1662 1676 1645 1652
## [1] ""
## [1] "CCL.L.csv"

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##          Date Open High  Low Close      tr atr   MA diff  OC   Tog
## 221  5/5/2014 2377 2377 2377  2377  0.00  39 2332   45   0  45.00
## 222  5/6/2014 2379 2421 2375  2399 46.00  40 2345   54  20  30.00
## 223  5/7/2014 2386 2406 2384  2399 21.74  38 2356   43  13  28.26
## 224  5/8/2014 2394 2413 2394  2403 19.00  37 2366   37   9  28.00
## 225  5/9/2014 2400 2419 2388  2399 31.00  37 2374   25  -1  14.00
## 226  5/12/2014 2394 2432 2378  2429 54.00  38 2388   41  35 -10.00
## 227  5/13/2014 2441 2449 2414  2419 34.50  38 2392   27 -22  22.50
## 228  5/14/2014 2420 2433 2389  2390 44.00  38 2395   -5 -30 -38.00
## 229  5/15/2014 2395 2410 2335  2341 75.23  41 2393  -52 -54 -17.00
## 230  5/16/2014 2346 2351 2292  2295 59.00  42 2385  -90 -51  34.00
## [1] ""
##          Date Open High  Low Close
## 231  5/19/2014 2305 2325 2281  2302
## [1] ""
## [1] "DGE.L.csv"
##          Date Open High  Low Close      tr atr   MA diff  OC   Tog
## 221  5/5/2014 1826 1826 1826  1826  0.00  28 1821    4   0   4.50
## 222  5/6/2014 1838 1839 1820  1827 19.25  27 1820    7 -11  -0.50
## 223  5/7/2014 1824 1830 1814  1825 16.00  26 1821    4   0  -6.50
## 224  5/8/2014 1830 1840 1816  1830 24.00  26 1823    8   0  -7.50
## 225  5/9/2014 1826 1856 1823  1850 33.02  27 1827   24  24  -4.02
## 226  5/12/2014 1856 1862 1844  1862 18.59  26 1831   31   6  12.50
## 227  5/13/2014 1864 1880 1859  1872 21.50  26 1836   36   8  23.00
## 228  5/14/2014 1874 1885 1864  1878 21.50  26 1842   36   4  21.50
## 229  5/15/2014 1872 1914 1872  1910 42.50  27 1850   60  38  21.50
## 230  5/16/2014 1908 1952 1906  1942 46.50  28 1862   80  34  44.00
## [1] ""
##          Date Open High  Low Close
## 231  5/19/2014 1943 1959 1916  1919
## [1] ""
## [1] "IHG.L.csv"
##          Date Open High  Low Close      tr atr   MA diff  OC   Tog
## 221  5/5/2014 2190 2190 2190  2190  0.00  40 2030  160   0  160.0
## 222  5/6/2014 2189 2196 2168  2185 28.00  39 2053  132  -4  115.0
## 223  5/7/2014 2189 2232 2185  2221 47.00  40 2080  141  32  105.0
## 224  5/8/2014 2222 2231 2200  2211 31.00  39 2102  109 -11   98.0
## 225  5/9/2014 2211 2226 2184  2185 41.90  39 2121   64 -26   63.1
## 226  5/12/2014 2182 2197 2165  2186 31.90  39 2141   45   4   24.1
## 227  5/13/2014 2195 2219 2170  2219 49.11  40 2163   56  24    7.0
## 228  5/14/2014 2215 2225 2007  2210 218.00  52 2182   28  -5 -175.0
## 229  5/15/2014 2208 2225 2183  2195 42.00  52 2199   -4 -13  -26.0
## 230  5/16/2014 2195 2203 2150  2184 53.00  52 2199  -15 -11  -4.0
## [1] ""
##          Date Open High  Low Close
## 231  5/19/2014 2192 2226 2174  2185
## [1] ""
## [1] "IMT.L.csv"
##          Date Open High  Low Close      tr atr   MA diff  OC   Tog
## 221  5/5/2014 2514 2514 2514  2514  0.0  34 2545  -31   0   31.0
## 222  5/6/2014 2531 2535 2507  2517 28.0  33 2544  -27 -14    9.0
## 223  5/7/2014 2517 2549 2509  2549 40.0  34 2544    5  32 -35.0
## 224  5/8/2014 2594 2596 2567  2595 47.0  35 2549   46   1   18.0
## 225  5/9/2014 2599 2622 2580  2591 42.0  35 2552   39  -8   28.0

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## 226 5/12/2014 2617 2642 2596 2641 51.0 36 2561 80 24 35.0
## 227 5/13/2014 2644 2658 2632 2652 25.5 36 2565 87 8 67.5
## 228 5/14/2014 2658 2671 2648 2664 23.0 35 2576 88 6 72.0
## 229 5/15/2014 2659 2673 2648 2656 25.0 34 2589 67 -3 59.0
## 230 5/16/2014 2656 2676 2640 2662 36.0 34 2604 58 6 36.0
## [1] ""
##      Date Open High  Low Close
## 231 5/19/2014 2672 2688 2657 2665
## [1] ""
## [1] "ITRK.L.csv"
##      Date Open High  Low Close  tr atr  MA diff  OC Tog
## 221 5/5/2014 2928 2928 2928 2928  0 31 2926  2  0  2
## 222 5/6/2014 2931 3008 2931 2995 80 34 2932 63 64 -1
## 223 5/7/2014 2995 3007 2979 2994 28 34 2939 55 -1 40
## 224 5/8/2014 3006 3015 2969 2986 46 35 2945 41 -20 24
## 225 5/9/2014 3018 3047 3006 3027 61 37 2955 72  9 51
## 226 5/12/2014 3042 3056 3013 3050 43 37 2968 82  8 45
## 227 5/13/2014 3065 3084 3057 3068 34 37 2983 85  3 74
## 228 5/14/2014 3081 3104 3059 3100 45 37 3002 98 19 57
## 229 5/15/2014 3107 3110 3067 3090 43 38 3017 73 -17 50
## 230 5/16/2014 2960 3003 2869 2992 221 51 3023 -31 32 20
## [1] ""
##      Date Open High  Low Close
## 231 5/19/2014 2991 3001 2939 2984
## [1] ""
## [1] "JMAT.L.csv"
##      Date Open High  Low Close  tr atr  MA diff  OC Tog
## 221 5/5/2014 3308 3308 3308 3308 0.00 55 3285 23  0 23
## 222 5/6/2014 3325 3366 3289 3322 77.00 56 3294 28 -3 -5
## 223 5/7/2014 3314 3322 3284 3284 38.00 55 3296 -12 -30 -26
## 224 5/8/2014 3289 3331 3280 3314 51.00 55 3299 15 25 -19
## 225 5/9/2014 3319 3319 3285 3298 34.00 53 3300 -2 -21 -19
## 226 5/12/2014 3312 3316 3292 3300 24.10 51 3302 -2 -12 -14
## 227 5/13/2014 3314 3321 3288 3295 33.00 50 3306 -11 -19 -15
## 228 5/14/2014 3295 3308 3284 3291 24.00 48 3308 -17 -4  0
## 229 5/15/2014 3294 3322 3251 3264 70.69 50 3298 -34 -30 -24
## 230 5/16/2014 3271 3283 3196 3214 87.00 52 3289 -75 -57  6
## [1] ""
##      Date Open High  Low Close
## 231 5/19/2014 3216 3290 3199 3280
## [1] ""
## [1] "LSE.L.csv"
##      Date Open High  Low Close  tr atr  MA diff  OC  Tog
## 221 5/5/2014 1826 1826 1826 1826 0.00 26 1826  0  0 0.00
## 222 5/6/2014 1826 1832 1815 1826 17.36 26 1823  3  0 -8.36
## 223 5/7/2014 1821 1839 1817 1825 22.74 25 1822  3  4 -5.38
## 224 5/8/2014 1830 1849 1821 1849 28.00 26 1825 24 19 -4.00
## 225 5/9/2014 1848 1852 1827 1840 25.00 26 1827 13 -8  0.00
## 226 5/12/2014 1847 1855 1841 1855 15.00 25 1831 24  8 10.00
## 227 5/13/2014 1826 1842 1804 1808 51.00 27 1830 -22 -18 -12.00
## 228 5/14/2014 1811 1813 1798 1801 15.00 26 1828 -27 -10 15.00
## 229 5/15/2014 1832 1878 1810 1811 77.00 30 1827 -16 -21 -51.00
## 230 5/16/2014 1815 1817 1764 1780 53.00 31 1822 -42 -35  5.00
## [1] ""

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##          Date Open High  Low Close
## 231 5/19/2014 1780 1806 1761 1764
## [1] ""
## [1] "NXT.L.csv"
##          Date Open High  Low Close      tr atr    MA diff    OC Tog
## 221 5/5/2014 6610 6610 6610 6610    0.00 205 6500    110    0 110
## 222 5/6/2014 6585 6614 6530 6550   84.25 196 6500     50   -35   30
## 223 5/7/2014 6560 6580 6485 6495   95.00 189 6506    -11   -65  -74
## 224 5/8/2014 6490 6530 6460 6480   70.00 180 6514    -34   -10  -16
## 225 5/9/2014 6470 6545 6445 6465  100.00 175 6528    -63    -5  -17
## 226 5/12/2014 6485 6515 6435 6505   80.00 168 6537    -32    20   22
## 227 5/13/2014 6540 6545 6475 6535   70.00 161 6542     -7    -5   -3
## 228 5/14/2014 6535 6575 6520 6565   55.00 153 6546     19    30  -26
## 229 5/15/2014 6580 6630 6385 6405  245.00 160 6522  -117  -175 -108
## 230 5/16/2014 6415 6430 6292 6400  137.73 158 6501  -101   -15   71
## [1] ""
##          Date Open High  Low Close
## 231 5/19/2014 6425 6510 6370 6480
## [1] ""
## [1] "RB.L.csv"
##          Date Open High  Low Close      tr atr    MA diff    OC Tog
## 221 5/5/2014 4840 4840 4840 4840     0  75 4885   -45    0  45
## 222 5/6/2014 4852 4860 4810 4835    50  73 4873   -38  -17  13
## 223 5/7/2014 4838 4894 4817 4846    77  73 4862   -16    8 -32
## 224 5/8/2014 4860 4883 4807 4849    76  73 4852    -3  -11 -31
## 225 5/9/2014 4847 4854 4799 4826    55  72 4838   -12  -21 -16
## 226 5/12/2014 4839 4845 4794 4825    51  71 4836   -11  -14  -9
## 227 5/13/2014 4839 4888 4807 4888    81  71 4841    47   49 -34
## 228 5/14/2014 4897 4941 4874 4935    67  71 4857    78   38  17
## 229 5/15/2014 4941 4960 4892 4960    68  71 4864    96   19  28
## 230 5/16/2014 4960 5080 4949 5070   131  75 4887   183  110  62
## [1] ""
##          Date Open High  Low Close
## 231 5/19/2014 5085 5120 5058 5100
## [1] ""
## [1] "RDSA.L.csv"
##          Date Open High  Low Close      tr atr    MA diff    OC Tog
## 221 5/5/2014 2354 2354 2354 2354    0.00  59 2291    63    0 63.00
## 222 5/6/2014 2352 2356 2333 2346   23.25  56 2302    44   -6 30.75
## 223 5/7/2014 2338 2366 2336 2362   29.68  54 2314    48   24 22.00
## 224 5/8/2014 2359 2385 2359 2378   26.00  52 2326    52   20 33.00
## 225 5/9/2014 2378 2378 2362 2370   16.00  50 2338    32   -8 24.50
## 226 5/12/2014 2367 2378 2358 2366   20.50  47 2349    16   -2  9.00
## 227 5/13/2014 2378 2378 2360 2370   18.00  45 2358    12   -8  2.00
## 228 5/14/2014 2350 2355 2334 2347   36.00  45 2358   -11   -2  3.22
## 229 5/15/2014 2353 2378 2343 2351   34.50  44 2360    -9   -2 -17.50
## 230 5/16/2014 2356 2368 2341 2346   27.00  43 2359   -14  -11  -9.00
## [1] ""
##          Date Open High  Low Close
## 231 5/19/2014 2353 2365 2340 2358
## [1] ""
## [1] "RDSB.L.csv"
##          Date Open High  Low Close      tr atr    MA diff    OC Tog
## 221 5/5/2014 2533 2533 2533 2533    0.00  49 2453    80    0 80.00

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## 222 5/6/2014 2528 2530 2508 2522 25.14 48 2466 56 -6 41.86
## 223 5/7/2014 2515 2558 2513 2546 44.54 47 2481 65 31 32.00
## 224 5/8/2014 2548 2576 2517 2568 59.04 48 2497 71 20 19.96
## 225 5/9/2014 2568 2576 2552 2576 23.50 46 2514 62 8 38.50
## 226 5/12/2014 2576 2584 2558 2570 26.00 45 2530 40 -6 27.50
## 227 5/13/2014 2574 2588 2564 2586 23.78 43 2546 40 12 17.72
## 228 5/14/2014 2562 2584 2541 2562 45.50 44 2550 12 0 -9.00
## 229 5/15/2014 2566 2592 2556 2564 35.00 43 2556 8 -2 0.50
## 230 5/16/2014 2562 2594 2550 2572 44.35 43 2560 12 10 -9.95
## [1] ""
##      Date Open High Low Close
## 231 5/19/2014 2575 2614 2572 2592
## [1] ""
## [1] "RIO.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 221 5/5/2014 3247 3247 3247 3247 0.00 62 3239 8 0 8.00
## 222 5/6/2014 3238 3241 3188 3215 59.50 62 3234 -19 -22 -7.00
## 223 5/7/2014 3183 3250 3174 3247 76.50 63 3234 13 64 -60.50
## 224 5/8/2014 3250 3258 3202 3205 56.00 62 3227 -22 -45 -31.00
## 225 5/9/2014 3220 3256 3188 3188 67.00 63 3218 -30 -32 -37.50
## 226 5/12/2014 3247 3364 3246 3340 175.50 71 3233 107 93 13.50
## 227 5/13/2014 3348 3372 3308 3330 64.50 70 3244 86 -18 64.00
## 228 5/14/2014 3332 3390 3313 3374 77.00 71 3259 115 42 54.00
## 229 5/15/2014 3360 3410 3336 3369 74.01 71 3276 93 9 60.49
## 230 5/16/2014 3324 3345 3260 3286 108.50 74 3280 6 -38 -19.50
## [1] ""
##      Date Open High Low Close
## 231 5/19/2014 3211 3246 3208 3225
## [1] ""
## [1] "RRS.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 221 5/5/2014 4739 4739 4739 4739 0 97 4704 35 0 35
## 222 5/6/2014 4765 4794 4747 4772 55 94 4721 51 7 26
## 223 5/7/2014 4771 4771 4627 4703 145 97 4721 -18 -68 -50
## 224 5/8/2014 4610 4713 4493 4530 220 106 4708 -178 -80 -5
## 225 5/9/2014 4549 4585 4519 4539 66 103 4694 -155 -10 109
## 226 5/12/2014 4539 4626 4510 4603 116 104 4682 -79 64 56
## 227 5/13/2014 4600 4630 4552 4591 78 102 4667 -76 -9 37
## 228 5/14/2014 4532 4645 4486 4608 159 106 4650 -42 76 5
## 229 5/15/2014 4602 4639 4536 4550 103 106 4637 -87 -52 -2
## 230 5/16/2014 4544 4558 4484 4534 74 104 4617 -83 -10 59
## [1] ""
##      Date Open High Low Close
## 231 5/19/2014 4539 4580 4517 4530
## [1] ""
## [1] "SAB.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 221 5/5/2014 30 30 30 30 0 0 30 0 0 0
## 222 5/6/2014 30 30 30 30 0 0 30 0 0 0
## 223 5/7/2014 30 30 30 30 0 0 30 0 0 0
## 224 5/8/2014 30 30 30 30 0 0 30 0 0 0
## 225 5/9/2014 30 30 30 30 0 0 30 0 0 0
## 226 5/12/2014 30 30 30 30 0 0 30 0 0 0
## 227 5/13/2014 30 30 30 30 0 0 30 0 0 0

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## 228 5/14/2014    30    30    30    30  0  0 30    0  0  0
## 229 5/15/2014    30    30    30    30  0  0 30    0  0  0
## 230 5/16/2014    30    30    30    30  0  0 30    0  0  0
## [1] ""
##           Date Open High Low Close
## 231 5/19/2014    30    30    30    30
## [1] ""
## [1] "SDR.L.csv"
##           Date Open High Low Close      tr atr  MA diff  OC      Tog
## 221 5/5/2014 2613 2613 2613 2613    0.00  50 2568   45   0  45.00
## 222 5/6/2014 2614 2625 2599 2614   26.00  48 2573   41   0  26.00
## 223 5/7/2014 2608 2622 2585 2593   37.00  48 2579   14 -15   6.00
## 224 5/8/2014 2596 2620 2584 2620   36.00  47 2586   34  24  -2.00
## 225 5/9/2014 2613 2613 2591 2602   29.00  46 2592   10 -11  -1.00
## 226 5/12/2014 2606 2619 2597 2615   22.00  44 2599   16   9  -2.00
## 227 5/13/2014 2617 2635 2611 2627   24.16  42 2606   21  10   4.84
## 228 5/14/2014 2635 2637 2611 2617   26.00  41 2612    5 -18  -1.00
## 229 5/15/2014 2624 2711 2593 2597  118.00  47 2611  -14 -27 -100.00
## 230 5/16/2014 2600 2608 2482 2501  126.00  52 2600  -99 -99  -8.00
## [1] ""
##           Date Open High Low Close
## 231 5/19/2014 2508 2514 2477 2491
## [1] ""
## [1] "SHP.L.csv"
##           Date Open High Low Close      tr atr  MA diff  OC      Tog
## 221 5/5/2014 3467 3467 3467 3467    0.00 136 3310  157   0 157.00
## 222 5/6/2014 3460 3460 3305 3359  162.19 138 3332   27 -101 -27.19
## 223 5/7/2014 3347 3356 3289 3304   70.00 133 3343  -39 -43 -13.00
## 224 5/8/2014 3315 3402 3315 3400   98.00 131 3358   42  85 -43.00
## 225 5/9/2014 3360 3389 3294 3309  106.00 129 3368  -59 -51 -21.00
## 226 5/12/2014 3327 3625 3278 3285  346.90 144 3368  -83 -42 -256.90
## 227 5/13/2014 3313 3346 3292 3345   61.00 138 3376  -31  32  30.00
## 228 5/14/2014 3356 3363 3314 3341   49.00 132 3373  -32 -15  10.00
## 229 5/15/2014 3336 3352 3257 3270   95.01 129 3355  -85 -66   3.00
## 230 5/16/2014 3280 3292 3227 3266   65.00 125 3335  -69 -14  43.00
## [1] ""
##           Date Open High Low Close
## 231 5/19/2014 3283 3362 3250 3353
## [1] ""
## [1] "SSE.L.csv"
##           Date Open High Low Close      tr atr  MA diff  OC      Tog
## 221 5/5/2014 1530 1530 1530 1530    0.00  39 1514   16   0  16.00
## 222 5/6/2014 1555 1555 1520 1531   35.00  39 1516   15 -24   4.00
## 223 5/7/2014 1533 1545 1524 1545   21.28  38 1521   24  12   2.72
## 224 5/8/2014 1540 1550 1521 1532   29.00  37 1525    7  -8  -4.00
## 225 5/9/2014 1522 1525 1504 1511   28.00  37 1526  -15 -11   1.00
## 226 5/12/2014 1515 1521 1497 1508   24.00  36 1527  -19  -7   6.00
## 227 5/13/2014 1514 1515 1496 1509   19.00  35 1525  -16  -5  10.00
## 228 5/14/2014 1509 1536 1509 1536   27.00  34 1526   10  27 -17.00
## 229 5/15/2014 1540 1553 1529 1550   24.00  33 1528   22  10   1.00
## 230 5/16/2014 1554 1567 1539 1567   28.07  33 1532   35  13   7.00
## [1] ""
##           Date Open High Low Close
## 231 5/19/2014 1571 1580 1562 1568

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## [1] ""
## [1] "SVT.L.csv"
##      Date Open High Low Close   tr atr   MA diff OC   Tog
## 221 5/5/2014 1833 1833 1833 1833 0.00 26 1817 16 0 16.00
## 222 5/6/2014 1833 1850 1829 1837 21.40 26 1821 16 4 8.00
## 223 5/7/2014 1843 1863 1835 1861 27.56 26 1827 34 18 8.44
## 224 5/8/2014 1863 1876 1843 1863 33.00 26 1833 30 0 10.00
## 225 5/9/2014 1858 1870 1838 1865 32.14 27 1840 25 7 -2.00
## 226 5/12/2014 1871 1894 1864 1885 30.18 27 1849 36 14 14.82
## 227 5/13/2014 1895 1897 1872 1887 25.00 27 1856 31 -8 16.00
## 228 5/14/2014 1884 1900 1878 1900 22.00 27 1861 39 16 17.00
## 229 5/15/2014 1904 1916 1880 1901 36.00 27 1866 35 -3 14.00
## 230 5/16/2014 1907 1913 1896 1909 17.00 27 1874 35 2 22.00
## [1] ""
##      Date Open High Low Close
## 231 5/19/2014 1914 1929 1905 1918
## [1] ""
## [1] "TPK.L.csv"
##      Date Open High Low Close   tr atr   MA diff OC   Tog
## 221 5/5/2014 1758 1758 1758 1758 0.00 39 1764 -6 0 6.00
## 222 5/6/2014 1770 1785 1756 1760 28.55 38 1758 2 -10 -2.00
## 223 5/7/2014 1760 1766 1736 1745 30.00 37 1749 -4 -15 -17.00
## 224 5/8/2014 1753 1753 1725 1730 28.00 37 1746 -16 -23 -7.00
## 225 5/9/2014 1732 1732 1711 1715 21.45 36 1738 -23 -17 5.55
## 226 5/12/2014 1724 1746 1710 1740 36.00 36 1738 2 16 -28.00
## 227 5/13/2014 1749 1758 1741 1756 18.00 34 1742 14 7 -1.00
## 228 5/14/2014 1756 1761 1735 1740 25.85 34 1745 -5 -16 -15.55
## 229 5/15/2014 1746 1750 1669 1669 81.00 37 1737 -68 -77 -13.00
## 230 5/16/2014 1657 1697 1605 1629 91.84 41 1724 -95 -28 27.16
## [1] ""
##      Date Open High Low Close
## 231 5/19/2014 1638 1657 1603 1616
## [1] ""
## [1] "ULVR.L.csv"
##      Date Open High Low Close   tr atr   MA diff OC   Tog
## 221 5/5/2014 2606 2606 2606 2606 0.00 32 2615 -9 0 9
## 222 5/6/2014 2616 2617 2588 2592 29.00 32 2613 -21 -24 -4
## 223 5/7/2014 2573 2598 2568 2597 30.00 32 2610 -13 24 12
## 224 5/8/2014 2603 2616 2598 2612 19.00 31 2612 0 9 -4
## 225 5/9/2014 2609 2640 2603 2639 37.00 32 2616 23 30 -13
## 226 5/12/2014 2640 2646 2623 2646 23.13 31 2619 27 6 4
## 227 5/13/2014 2650 2664 2631 2653 33.00 31 2622 31 3 9
## 228 5/14/2014 2651 2663 2631 2657 32.00 31 2623 34 6 8
## 229 5/15/2014 2656 2692 2649 2687 43.35 32 2630 57 31 19
## 230 5/16/2014 2677 2731 2668 2704 63.36 34 2639 65 27 29
## [1] ""
##      Date Open High Low Close
## 231 5/19/2014 2710 2742 2699 2726
## [1] ""
## [1] "WEIR.L.csv"
##      Date Open High Low Close   tr atr   MA diff OC   Tog
## 221 5/5/2014 2654 2654 2654 2654 0.00 65 2667 -13 0 13.00
## 222 5/6/2014 2659 2706 2656 2688 52.00 64 2673 15 29 -16.95
## 223 5/7/2014 2679 2692 2634 2638 58.00 63 2671 -33 -41 -21.00

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## 224 5/8/2014 2644 2677 2633 2652 43.95 62 2670 -18 8 -7.00
## 225 5/9/2014 2651 2668 2625 2665 43.00 60 2670 -5 14 2.00
## 226 5/12/2014 2668 2711 2666 2711 46.00 59 2672 39 43 -6.00
## 227 5/13/2014 2711 2724 2690 2696 34.00 58 2668 28 -15 22.00
## 228 5/14/2014 2693 2708 2688 2695 20.00 55 2669 26 2 19.00
## 229 5/15/2014 2686 2701 2587 2598 114.00 59 2665 -67 -88 -36.00
## 230 5/16/2014 2598 2609 2477 2515 132.00 64 2651 -136 -83 42.00
## [1] ""
##      Date Open High Low Close
## 231 5/19/2014 2516 2543 2492 2523
## [1] ""
## [1] "WOS.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 221 5/5/2014 3475 3475 3475 3475 0.0 51 3424 51 0 51.00
## 222 5/6/2014 3489 3523 3435 3437 88.0 53 3431 6 -52 4.00
## 223 5/7/2014 3432 3432 3380 3403 57.0 54 3430 -27 -29 -2.00
## 224 5/8/2014 3407 3417 3372 3396 45.0 53 3429 -33 -11 12.00
## 225 5/9/2014 3390 3401 3382 3389 19.0 51 3425 -36 -1 24.00
## 226 5/12/2014 3395 3400 3374 3400 26.0 49 3424 -24 5 24.00
## 227 5/13/2014 3420 3462 3411 3448 62.0 50 3430 18 28 -19.00
## 228 5/14/2014 3445 3445 3420 3434 28.0 48 3431 3 -11 -11.00
## 229 5/15/2014 3425 3445 3311 3326 134.0 54 3418 -92 -99 -27.00
## 230 5/16/2014 3326 3385 3201 3253 184.2 64 3396 -143 -73 10.82
## [1] ""
##      Date Open High Low Close
## 231 5/19/2014 3265 3317 3243 3316
## [1] ""
## [1] "WTB.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 221 5/5/2014 4070 4070 4070 4070 0 128 4069 1 0 1
## 222 5/6/2014 4081 4135 4057 4080 78 124 4068 12 -1 -11
## 223 5/7/2014 4080 4089 4041 4064 48 119 4068 -4 -16 -21
## 224 5/8/2014 4071 4110 4057 4100 53 114 4072 28 29 -15
## 225 5/9/2014 4109 4109 4074 4099 35 108 4077 22 -10 -3
## 226 5/12/2014 4104 4169 4091 4167 78 106 4088 79 63 3
## 227 5/13/2014 4187 4192 4150 4191 42 102 4099 92 4 51
## 228 5/14/2014 4185 4197 4152 4160 45 98 4107 53 -25 45
## 229 5/15/2014 4163 4197 4005 4025 192 104 4103 -78 -138 -94
## 230 5/16/2014 4046 4057 3875 3921 182 110 4088 -167 -125 31
## [1] ""
##      Date Open High Low Close
## 231 5/19/2014 3925 3964 3889 3942
## [1] ""

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