

# 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
## 61 9/23/2014 2693 2693 2612 2619 82 59 2653 -34 -74 -40
## 62 9/24/2014 2615 2615 2533 2587 86 60 2641 -54 -28 26
## 63 9/25/2014 2590 2605 2539 2546 66 61 2628 -82 -44 23
## 64 9/26/2014 2540 2577 2505 2567 72 62 2622 -55 27 45
## 65 9/29/2014 2567 2573 2547 2563 26 59 2616 -53 -4 43
## 66 9/30/2014 2585 2683 2564 2679 120 63 2622 57 94 -58
## 67 10/1/2014 2684 2702 2640 2654 62 63 2624 30 -30 16
## 68 10/2/2014 2641 2646 2605 2605 49 62 2619 -14 -36 -27
## 69 10/3/2014 2621 2667 2612 2651 62 62 2616 35 30 -4
## 70 10/6/2014 2657 2664 2635 2642 29 60 2611 31 -15 24
## [1] ""
## [1] "AGK.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 61 9/23/2014 1598 1598 1563 1569 35.00 28 1617 -48 -29 19.00
## 62 9/24/2014 1569 1572 1562 1570 10.03 27 1608 -38 1 36.00
## 63 9/25/2014 1567 1579 1555 1559 24.37 27 1599 -40 -8 19.63
## 64 9/26/2014 1557 1570 1539 1566 31.00 27 1593 -27 9 23.00
## 65 9/29/2014 1564 1579 1556 1576 23.00 27 1588 -12 12 9.00
## 66 9/30/2014 1578 1587 1548 1548 39.00 28 1581 -33 -30 -6.00
## 67 10/1/2014 1549 1561 1523 1528 38.00 28 1574 -46 -21 13.00
## 68 10/2/2014 1524 1531 1497 1498 34.00 29 1563 -65 -26 32.00
## 69 10/3/2014 1506 1539 1503 1538 41.00 30 1555 -17 32 16.00
## 70 10/6/2014 1544 1552 1532 1548 20.00 29 1550 -2 4 -2.00
## [1] ""
## [1] "AZN.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 61 9/23/2014 4433 4441 4277 4414 300.95 91 4531 -117 -19 90.0
## 62 9/24/2014 4354 4410 4334 4396 80.50 90 4511 -115 42 100.5
## 63 9/25/2014 4374 4424 4364 4374 60.50 88 4495 -121 0 70.5
## 64 9/26/2014 4372 4444 4336 4408 109.00 89 4483 -74 36 38.5
## 65 9/29/2014 4430 4461 4392 4446 68.50 88 4474 -28 16 13.0
## 66 9/30/2014 4440 4456 4409 4442 47.50 85 4467 -26 2 10.5
## 67 10/1/2014 4420 4438 4359 4360 82.74 85 4453 -92 -60 15.5
## 68 10/2/2014 4381 4381 4280 4280 101.50 86 4428 -148 -102 47.0
## 69 10/3/2014 4302 4372 4275 4362 97.69 87 4406 -44 60 33.5
## 70 10/6/2014 4373 4430 4360 4365 69.50 86 4385 -20 -8 -44.5
## [1] ""
## [1] "BATS.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 61 9/23/2014 3623 3628 3533 3544 95.00 48 3611 -68 -80 -17.00
## 62 9/24/2014 3538 3574 3526 3567 48.25 48 3607 -40 29 33.00
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## 63 9/25/2014 3578 3588 3506 3529 81.50 50 3598 -69 -49 10.00
## 64 9/26/2014 3530 3530 3485 3506 45.00 50 3585 -79 -24 55.00
## 65 9/29/2014 3518 3518 3480 3502 37.00 49 3572 -70 -16 54.50
## 66 9/30/2014 3511 3514 3470 3482 45.00 49 3560 -78 -29 45.50
## 67 10/1/2014 3486 3500 3465 3480 35.02 48 3547 -67 -6 46.98
## 68 10/2/2014 3480 3494 3453 3455 40.74 47 3531 -76 -25 37.00
## 69 10/3/2014 3478 3504 3456 3476 49.50 47 3516 -40 -3 11.50
## 70 10/6/2014 3468 3502 3468 3480 35.00 47 3502 -22 13 -0.50
## [1] ""
## [1] "BLT.L.csv"
##      Date Open High Low Close   tr atr   MA diff  OC  Tog
## 61 9/23/2014 1750 1756 1733 1742 26.00 36 1814 -72 -9 57.5
## 62 9/24/2014 1754 1800 1735 1798 64.50 38 1807 -10 43 7.5
## 63 9/25/2014 1782 1782 1736 1746 62.00 40 1797 -51 -36 15.0
## 64 9/26/2014 1738 1754 1720 1732 34.50 39 1785 -53 -6 31.0
## 65 9/29/2014 1715 1726 1705 1720 27.01 39 1773 -52 6 47.0
## 66 9/30/2014 1728 1732 1698 1715 33.50 38 1761 -46 -13 29.0
## 67 10/1/2014 1710 1718 1684 1690 34.50 38 1748 -58 -19 29.5
## 68 10/2/2014 1698 1700 1667 1667 33.00 38 1733 -66 -31 33.0
## 69 10/3/2014 1686 1688 1638 1650 51.00 39 1719 -68 -35 30.5
## 70 10/6/2014 1656 1696 1639 1676 56.50 40 1714 -38 20 18.5
## [1] ""
## [1] "BNZL.L.csv"
##      Date Open High Low Close   tr atr   MA diff  OC  Tog
## 61 9/23/2014 1646 1646 1608 1617 38.00 24 1623 -6 -29 -23.00
## 62 9/24/2014 1615 1615 1595 1610 22.00 24 1621 -11 -5 6.00
## 63 9/25/2014 1608 1615 1587 1594 28.00 25 1619 -25 -14 4.00
## 64 9/26/2014 1592 1600 1569 1597 31.00 25 1618 -21 5 18.00
## 65 9/29/2014 1595 1612 1589 1610 23.00 25 1616 -6 15 4.00
## 66 9/30/2014 1612 1617 1605 1610 12.00 24 1616 -6 -2 -1.00
## 67 10/1/2014 1610 1621 1594 1597 27.00 24 1614 -17 -13 -7.00
## 68 10/2/2014 1592 1598 1577 1579 21.00 24 1610 -31 -13 12.00
## 69 10/3/2014 1581 1600 1573 1597 27.31 24 1605 -8 16 4.69
## 70 10/6/2014 1602 1609 1595 1609 14.00 23 1602 7 7 -7.00
## [1] ""
## [1] "CCL.L.csv"
##      Date Open High Low Close   tr atr   MA diff  OC  Tog
## 61 9/23/2014 2437 2556 2392 2443 164 46 2408 35 6 -16
## 62 9/24/2014 2470 2479 2418 2451 61 47 2415 36 -19 3
## 63 9/25/2014 2459 2503 2455 2475 52 48 2425 50 16 30
## 64 9/26/2014 2465 2479 2439 2474 40 47 2434 40 9 5
## 65 9/29/2014 2479 2502 2464 2477 38 47 2444 33 -2 20
## 66 9/30/2014 2480 2480 2453 2464 27 45 2452 12 -16 1
## 67 10/1/2014 2464 2493 2415 2415 78 48 2453 -38 -49 -40
## 68 10/2/2014 2415 2425 2341 2343 84 50 2445 -102 -72 20
## 69 10/3/2014 2353 2445 2353 2444 102 54 2442 2 91 -89
## 70 10/6/2014 2439 2498 2424 2495 74 55 2448 47 56 -24
## [1] ""
## [1] "DGE.L.csv"
##      Date Open High Low Close   tr atr   MA diff  OC  Tog
## 61 9/23/2014 1820 1822 1776 1778 46.50 27 1821 -43 -42 -1.00
## 62 9/24/2014 1774 1794 1766 1793 28.50 27 1817 -24 18 23.00
## 63 9/25/2014 1798 1806 1776 1779 29.00 28 1814 -35 -20 8.50
## 64 9/26/2014 1778 1791 1759 1768 32.33 28 1809 -41 -10 17.67

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## 65 9/29/2014 1762 1768 1747 1762 21.00 27 1800 -38 1 32.00
## 66 9/30/2014 1770 1792 1757 1785 34.50 28 1794 -9 15 2.50
## 67 10/1/2014 1788 1794 1752 1760 42.00 29 1789 -28 -28 -5.00
## 68 10/2/2014 1754 1780 1754 1759 25.00 29 1783 -24 4 3.50
## 69 10/3/2014 1758 1766 1736 1744 29.00 29 1775 -31 -14 9.50
## 70 10/6/2014 1758 1770 1756 1762 26.05 28 1769 -7 4 -1.05
## [1] ""
## [1] "IHG.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 61 9/23/2014 2431 2432 2363 2406 70.0 39 2379 27 -25 -16
## 62 9/24/2014 2409 2409 2364 2374 45.0 39 2386 -12 -35 -23
## 63 9/25/2014 2377 2404 2354 2359 50.0 40 2389 -30 -18 -15
## 64 9/26/2014 2360 2364 2343 2354 21.4 38 2390 -36 -6 26
## 65 9/29/2014 2359 2364 2346 2362 18.0 37 2389 -27 3 25
## 66 9/30/2014 2368 2387 2354 2379 33.0 37 2390 -11 11 3
## 67 10/1/2014 2370 2389 2327 2334 62.0 39 2386 -52 -36 -3
## 68 10/2/2014 2334 2335 2247 2251 88.0 42 2370 -119 -83 35
## 69 10/3/2014 2262 2316 2254 2313 65.0 44 2356 -43 51 40
## 70 10/6/2014 2319 2336 2308 2329 28.0 43 2346 -17 10 10
## [1] ""
## [1] "IMT.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 61 9/23/2014 2740 2740 2680 2685 71 41 2740 -55 -55 0
## 62 9/24/2014 2685 2707 2682 2707 25 40 2741 -34 22 34
## 63 9/25/2014 2703 2718 2687 2695 31 39 2740 -45 -8 22
## 64 9/26/2014 2702 2705 2647 2647 58 40 2729 -82 -55 24
## 65 9/29/2014 2655 2657 2629 2640 28 40 2717 -77 -15 60
## 66 9/30/2014 2646 2672 2621 2664 51 40 2708 -44 18 36
## 67 10/1/2014 2670 2693 2667 2679 29 40 2701 -22 9 8
## 68 10/2/2014 2670 2670 2628 2628 51 40 2687 -59 -42 17
## 69 10/3/2014 2631 2650 2619 2633 31 40 2673 -40 2 23
## 70 10/6/2014 2642 2684 2634 2679 51 41 2666 13 37 -32
## [1] ""
## [1] "ITRK.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 61 9/23/2014 2646 2656 2586 2588 70 43 2688 -100 -58 32
## 62 9/24/2014 2588 2630 2575 2627 55 44 2674 -47 39 44
## 63 9/25/2014 2620 2641 2548 2558 93 47 2656 -98 -62 15
## 64 9/26/2014 2559 2573 2533 2569 40 47 2639 -70 10 66
## 65 9/29/2014 2565 2583 2552 2567 31 46 2622 -55 2 39
## 66 9/30/2014 2600 2673 2600 2621 106 50 2614 7 21 -14
## 67 10/1/2014 2615 2682 2594 2631 88 53 2613 18 16 -19
## 68 10/2/2014 2626 2650 2592 2595 58 53 2608 -13 -31 -42
## 69 10/3/2014 2602 2608 2532 2575 76 55 2598 -23 -27 -10
## 70 10/6/2014 2581 2594 2564 2591 30 53 2592 -1 10 -2
## [1] ""
## [1] "JMAT.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 61 9/23/2014 3120 3123 3043 3045 80 49 3126 -81 -75 3
## 62 9/24/2014 3050 3053 3012 3020 41 49 3111 -91 -30 58
## 63 9/25/2014 3013 3033 2933 2944 100 52 3090 -146 -69 57
## 64 9/26/2014 2941 2941 2889 2934 55 53 3067 -133 -7 126
## 65 9/29/2014 2934 2954 2928 2934 26 51 3046 -112 0 92
## 66 9/30/2014 2949 2949 2905 2919 44 50 3028 -109 -30 79

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## 67 10/1/2014 2921 2929 2796 2825 133 56 2998 -173 -96 69
## 68 10/2/2014 2819 2869 2806 2806 63 57 2965 -159 -13 96
## 69 10/3/2014 2817 2873 2808 2870 67 57 2942 -72 53 69
## 70 10/6/2014 2874 2925 2871 2910 55 57 2921 -11 36 -4
## [1] ""
## [1] "LSE.L.csv"
##      Date Open High Low Close   tr atr   MA diff  OC Tog
## 61 9/23/2014 1894 1912 1885 1909 27.00 37 1891 18 15 -6
## 62 9/24/2014 1912 1915 1889 1911 26.00 37 1877 34 -1 12
## 63 9/25/2014 1907 1928 1887 1892 41.00 37 1880 12 -15 7
## 64 9/26/2014 1902 1912 1871 1894 41.11 37 1882 12 -8 -11
## 65 9/29/2014 1894 1910 1890 1892 20.00 36 1886 6 -2 4
## 66 9/30/2014 1899 1904 1853 1868 51.00 37 1889 -21 -31 -15
## 67 10/1/2014 1868 1874 1850 1861 24.00 36 1889 -28 -7 15
## 68 10/2/2014 1869 1873 1819 1821 54.00 37 1884 -63 -48 11
## 69 10/3/2014 1874 1889 1821 1857 68.00 40 1880 -23 -17 -9
## 70 10/6/2014 1857 1878 1840 1857 38.00 39 1876 -19 0 -2
## [1] ""
## [1] "NXT.L.csv"
##      Date Open High Low Close   tr atr   MA diff  OC Tog
## 61 9/23/2014 6925 6945 6860 6900 85.0 96 6942 -42 -25 -3.0
## 62 9/24/2014 6885 6915 6845 6910 70.0 94 6916 -6 25 1.0
## 63 9/25/2014 6875 6935 6774 6810 161.4 99 6902 -92 -65 -33.0
## 64 9/26/2014 6810 6882 6795 6860 86.8 98 6894 -34 50 12.2
## 65 9/29/2014 6850 6890 6805 6865 85.0 97 6883 -18 15 -7.0
## 66 9/30/2014 6555 6660 6480 6605 385.0 118 6857 -252 50 197.0
## 67 10/1/2014 6615 6690 6495 6575 195.0 123 6829 -254 -40 139.0
## 68 10/2/2014 6575 6594 6450 6455 143.5 125 6784 -329 -120 190.5
## 69 10/3/2014 6490 6650 6489 6650 195.0 130 6756 -106 160 106.0
## 70 10/6/2014 6670 6670 6550 6615 120.0 129 6724 -109 -55 54.0
## [1] ""
## [1] "RB.L.csv"
##      Date Open High Low Close   tr atr   MA diff  OC Tog
## 61 9/23/2014 5355 5365 5230 5250 135.00 86 5382 -132 -105 17.00
## 62 9/24/2014 5245 5265 5210 5250 55.00 83 5374 -124 5 109.00
## 63 9/25/2014 5300 5315 5235 5255 80.00 83 5362 -107 -45 47.00
## 64 9/26/2014 5265 5355 5240 5330 115.00 85 5354 -24 65 -1.00
## 65 9/29/2014 5335 5380 5297 5365 83.16 85 5344 21 30 -47.16
## 66 9/30/2014 5370 5395 5335 5350 60.00 84 5330 20 -20 5.00
## 67 10/1/2014 5340 5375 5295 5305 80.00 83 5322 -17 -35 -53.00
## 68 10/2/2014 5275 5300 5225 5225 80.00 83 5304 -79 -50 4.00
## 69 10/3/2014 5230 5285 5215 5265 70.00 82 5294 -29 35 9.00
## 70 10/6/2014 5285 5336 5235 5250 100.80 83 5284 -34 -35 -51.80
## [1] ""
## [1] "RDSA.L.csv"
##      Date Open High Low Close   tr atr   MA diff  OC Tog
## 61 9/23/2014 2397 2402 2371 2378 30.50 30 2400 -22 -20 -1.50
## 62 9/24/2014 2374 2388 2359 2376 28.05 30 2395 -20 2 7.50
## 63 9/25/2014 2379 2380 2334 2342 45.00 31 2389 -46 -36 9.50
## 64 9/26/2014 2344 2352 2326 2346 26.06 30 2385 -38 3 33.00
## 65 9/29/2014 2349 2366 2341 2360 24.50 30 2382 -22 11 16.50
## 66 9/30/2014 2365 2376 2349 2358 27.50 30 2377 -18 -6 0.50
## 67 10/1/2014 2354 2354 2320 2331 39.00 30 2370 -39 -22 15.50
## 68 10/2/2014 2336 2336 2280 2280 57.00 32 2358 -78 -56 21.50

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## 69 10/3/2014 2297 2311 2288 2294 31.81 32 2347 -53 -3 35.69
## 70 10/6/2014 2292 2304 2281 2288 22.50 32 2335 -47 -4 31.50
## [1] ""
## [1] "RDSB.L.csv"
##      Date Open High Low Close   tr atr  MA diff  OC   Tog
## 61 9/23/2014 2504 2504 2458 2463 46.00 33 2493 -30 -42 -11.50
## 62 9/24/2014 2462 2477 2446 2463 31.37 33 2487 -24  1  9.63
## 63 9/25/2014 2468 2470 2419 2428 51.00 34 2480 -52 -40 10.00
## 64 9/26/2014 2434 2440 2407 2435 33.40 34 2475 -40  2 34.50
## 65 9/29/2014 2439 2453 2429 2449 24.00 34 2472 -23 10 19.00
## 66 9/30/2014 2450 2460 2432 2437 28.50 33 2466 -29 -14  5.50
## 67 10/1/2014 2436 2436 2404 2418 33.45 33 2459 -40 -18 23.00
## 68 10/2/2014 2430 2432 2363 2364 68.50 36 2446 -82 -66 14.50
## 69 10/3/2014 2378 2398 2368 2384 33.00 36 2434 -50  5 36.50
## 70 10/6/2014 2388 2391 2363 2372 28.32 35 2421 -49 -16 29.80
## [1] ""
## [1] "RIO.L.csv"
##      Date Open High Low Close   tr atr  MA diff  OC   Tog
## 61 9/23/2014 3110 3116 3057 3108 59.50 64 3190 -82 -2 73.50
## 62 9/24/2014 3160 3185 3120 3182 77.00 65 3187  -4 22  2.00
## 63 9/25/2014 3165 3168 3090 3105 92.50 67 3177 -72 -60  8.50
## 64 9/26/2014 3104 3130 3071 3090 58.58 66 3166 -76 -14 36.50
## 65 9/29/2014 3063 3070 3026 3051 64.50 66 3147 -96 -12 77.50
## 66 9/30/2014 3054 3073 3018 3032 54.92 65 3127 -96 -22 54.08
## 67 10/1/2014 3034 3044 3010 3020 34.00 63 3106 -86 -14 62.00
## 68 10/2/2014 3021 3090 2950 2988 140.00 69 3081 -93 -33 -9.00
## 69 10/3/2014 3014 3022 2926 2950 95.00 70 3058 -108 -64 36.50
## 70 10/6/2014 2955 3022 2936 2997 86.50 72 3052 -55 42 30.00
## [1] ""
## [1] "RRS.L.csv"
##      Date Open High Low Close   tr atr  MA diff  OC   Tog
## 61 9/23/2014 4287 4349 4252 4312 97.03 94 4508 -196 25 158.97
## 62 9/24/2014 4340 4365 4314 4327 53.00 91 4469 -142 -13 104.00
## 63 9/25/2014 4292 4292 4163 4249 164.00 96 4429 -180 -43 137.00
## 64 9/26/2014 4253 4344 4195 4214 149.00 100 4388 -174 -39 44.00
## 65 9/29/2014 4215 4252 4183 4249 69.00 98 4349 -100 34 97.00
## 66 9/30/2014 4215 4257 4159 4209 98.00 98 4316 -107 -6 59.00
## 67 10/1/2014 4183 4184 4141 4154 68.00 95 4276 -122 -29 92.00
## 68 10/2/2014 4155 4182 4123 4155 59.00 93 4249 -94  0 67.00
## 69 10/3/2014 4145 4159 4076 4091 83.00 92 4222 -131 -54 63.00
## 70 10/6/2014 4106 4180 4072 4153 107.22 93 4211 -58 47 31.48
## [1] ""
## [1] "SAB.L.csv"
##      Date Open High Low Close   tr atr  MA diff  OC   Tog
## 61 9/23/2014 3506 3506 3440 3446 67.00 184 3532 -86 -60 26.50
## 62 9/24/2014 3440 3490 3421 3484 69.34 175 3535 -50 45 45.00
## 63 9/25/2014 3496 3496 3405 3416 91.50 169 3535 -118 -80 38.50
## 64 9/26/2014 3420 3424 3372 3403 53.00 161 3535 -132 -17 110.50
## 65 9/29/2014 3404 3424 3378 3422 47.00 153 3503 -81 18 78.50
## 66 9/30/2014 3420 3442 3391 3428 51.50 146 3480 -52  8 37.50
## 67 10/1/2014 3435 3440 3362 3383 77.50 141 3460 -77 -52 20.00
## 68 10/2/2014 3380 3392 3336 3338 56.00 135 3440 -102 -42 47.50
## 69 10/3/2014 3355 3403 3328 3382 74.50 130 3421 -38 28 18.00
## 70 10/6/2014 3390 3408 3359 3375 48.96 125 3408 -33 -16  0.04

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## [1] ""
## [1] "SDR.L.csv"
##      Date Open High Low Close      tr atr  MA diff  OC Tog
## 61 9/23/2014 2463 2463 2363 2363 100.00 40 2431 -68 -100 -32
## 62 9/24/2014 2360 2391 2336 2391 55.00 41 2426 -35 31 35
## 63 9/25/2014 2384 2403 2380 2393 23.32 40 2423 -30 9 20
## 64 9/26/2014 2394 2411 2376 2407 35.00 40 2419 -12 13 8
## 65 9/29/2014 2403 2421 2396 2403 25.00 39 2416 -13 0 -5
## 66 9/30/2014 2409 2410 2373 2391 37.00 39 2414 -23 -18 4
## 67 10/1/2014 2386 2422 2383 2404 39.00 39 2412 -8 18 -10
## 68 10/2/2014 2403 2413 2334 2334 79.00 42 2401 -67 -69 -12
## 69 10/3/2014 2355 2372 2334 2362 38.00 41 2391 -29 7 19
## 70 10/6/2014 2371 2380 2343 2351 37.00 41 2380 -29 -20 0
## [1] ""
## [1] "SHP.L.csv"
##      Date Open High Low Close      tr atr  MA diff  OC Tog
## 61 9/23/2014 5025 5155 4884 5100 346.0 101 5256 -156 75 101.01
## 62 9/24/2014 5075 5205 5070 5185 135.0 103 5254 -69 110 49.00
## 63 9/25/2014 5210 5290 5103 5240 187.1 109 5256 -16 30 -34.00
## 64 9/26/2014 5205 5425 5169 5330 256.1 120 5260 70 125 -91.07
## 65 9/29/2014 5315 5400 5270 5365 130.0 120 5268 97 50 2.00
## 66 9/30/2014 5360 5370 5234 5340 136.4 121 5274 66 -20 -40.38
## 67 10/1/2014 5310 5325 5180 5310 160.0 124 5271 39 0 -91.00
## 68 10/2/2014 5315 5350 5230 5230 120.0 124 5262 -32 -85 -88.00
## 69 10/3/2014 5230 5465 5210 5455 255.0 133 5278 177 225 -68.00
## 70 10/6/2014 5460 5470 5405 5430 65.0 128 5298 132 -30 107.00
## [1] ""
## [1] "SSE.L.csv"
##      Date Open High Low Close      tr atr  MA diff  OC Tog
## 61 9/23/2014 1532 1534 1506 1509 27.80 24 1498 11 -23 8.00
## 62 9/24/2014 1511 1535 1507 1530 27.58 24 1507 23 19 0.42
## 63 9/25/2014 1533 1537 1522 1526 14.90 24 1511 15 -7 11.00
## 64 9/26/2014 1527 1533 1520 1522 12.90 23 1514 8 -5 6.10
## 65 9/29/2014 1522 1540 1512 1539 27.90 23 1519 20 17 -6.90
## 66 9/30/2014 1540 1553 1539 1547 14.00 23 1524 23 7 15.00
## 67 10/1/2014 1550 1550 1521 1523 29.00 23 1527 -4 -27 -23.00
## 68 10/2/2014 1532 1532 1493 1493 39.00 24 1524 -31 -39 -8.00
## 69 10/3/2014 1503 1521 1503 1514 28.00 25 1523 -9 11 2.00
## 70 10/6/2014 1519 1524 1508 1514 16.00 24 1522 -8 -5 -2.00
## [1] ""
## [1] "SVT.L.csv"
##      Date Open High Low Close      tr atr  MA diff  OC Tog
## 61 9/23/2014 1937 1937 1878 1882 59.00 31 1937 -55 -55 0
## 62 9/24/2014 1878 1889 1864 1888 25.00 31 1929 -41 10 40
## 63 9/25/2014 1892 1905 1858 1867 47.00 32 1920 -53 -25 15
## 64 9/26/2014 1869 1881 1860 1874 21.00 31 1912 -38 5 31
## 65 9/29/2014 1875 1878 1855 1877 23.00 30 1904 -27 2 26
## 66 9/30/2014 1886 1888 1873 1877 15.00 29 1898 -21 -9 10
## 67 10/1/2014 1876 1881 1851 1853 30.28 29 1892 -39 -23 11
## 68 10/2/2014 1853 1853 1814 1814 39.00 30 1881 -67 -39 28
## 69 10/3/2014 1825 1880 1822 1867 66.00 33 1873 -6 42 -7
## 70 10/6/2014 1868 1881 1855 1874 26.00 32 1867 7 6 -12
## [1] ""
## [1] "TPK.L.csv"

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##          Date Open High  Low Close   tr atr   MA diff  OC   Tog
## 61 9/23/2014 1722 1722 1678  1690 44.00  29 1682    8 -32  -4.00
## 62 9/24/2014 1679 1700 1675  1700 25.00  29 1684   16  21  -9.00
## 63 9/25/2014 1697 1713 1665  1667 48.00  30 1684  -17 -30 -29.00
## 64 9/26/2014 1667 1675 1631  1665 44.00  31 1682  -17  -2   7.00
## 65 9/29/2014 1665 1692 1653  1687 39.00  32 1684    3  22 -31.00
## 66 9/30/2014 1685 1688 1649  1664 39.00  32 1686  -22 -21  -2.00
## 67 10/1/2014 1657 1682 1633  1635 49.00  34 1684  -49 -22   2.00
## 68 10/2/2014 1632 1635 1615  1615 20.00  33 1676  -61 -17  41.00
## 69 10/3/2014 1621 1656 1618  1654 41.28  33 1669  -15  33  12.72
## 70 10/6/2014 1656 1659 1632  1650 26.50  33 1663  -13  -6   4.00
## [1] ""
## [1] "ULVR.L.csv"
##          Date Open High  Low Close   tr atr   MA diff  OC   Tog
## 61 9/23/2014 2606 2608 2563  2575 45.00  33 2648  -73 -31  40.00
## 62 9/24/2014 2562 2585 2552  2584 33.36  33 2636  -52  22  51.00
## 63 9/25/2014 2578 2584 2547  2552 37.00  34 2622  -70 -26  38.00
## 64 9/26/2014 2555 2572 2540  2563 32.30  34 2609  -46   8  37.00
## 65 9/29/2014 2564 2576 2536  2561 39.95  34 2596  -35  -3  20.00
## 66 9/30/2014 2561 2590 2555  2585 35.00  34 2586   -1  24  -4.00
## 67 10/1/2014 2582 2582 2543  2547 42.00  35 2578  -31 -35  -4.00
## 68 10/2/2014 2547 2547 2522  2522 25.00  34 2569  -47 -25  22.00
## 69 10/3/2014 2533 2547 2522  2542 24.99  33 2563  -21   9  16.01
## 70 10/6/2014 2554 2561 2516  2548 44.42  34 2558  -10  -6  -2.70
## [1] ""
## [1] "WEIR.L.csv"
##          Date Open High  Low Close   tr atr   MA diff  OC   Tog
## 61 9/23/2014 2584 2591 2510  2515 83  50 2646 -131 -69  55
## 62 9/24/2014 2512 2522 2487  2514 35  49 2627 -113   2 105
## 63 9/25/2014 2519 2558 2506  2521 52  49 2607  -86   2  49
## 64 9/26/2014 2515 2551 2500  2545 51  49 2591  -46  30  40
## 65 9/29/2014 2547 2555 2508  2541 47  49 2578  -37  -6  23
## 66 9/30/2014 2554 2554 2466  2502 88  52 2564  -62 -52  10
## 67 10/1/2014 2490 2497 2429  2430 73  54 2543 -113 -60  46
## 68 10/2/2014 2425 2428 2343  2343 87  56 2514 -171 -82  86
## 69 10/3/2014 2354 2406 2354  2359 63  56 2486 -127   5  80
## 70 10/6/2014 2368 2388 2346  2368 42  55 2464  -96   0  76
## [1] ""
## [1] "WOS.L.csv"
##          Date Open High  Low Close   tr atr   MA diff  OC   Tog
## 61 9/23/2014 3347 3347 3255  3270 92.00  50 3286  -16 -77 -61.00
## 62 9/24/2014 3273 3323 3255  3320 68.00  51 3292   28  47 -37.00
## 63 9/25/2014 3300 3336 3259  3266 77.00  53 3294  -28 -34 -42.00
## 64 9/26/2014 3275 3290 3232  3276 58.00  54 3294  -18   1   4.00
## 65 9/29/2014 3261 3285 3239  3257 45.89  53 3294  -37  -4   9.11
## 66 9/30/2014 3265 3324 3226  3242 98.00  56 3293  -51 -23 -31.00
## 67 10/1/2014 3296 3320 3231  3243 89.00  59 3289  -46 -53 -31.00
## 68 10/2/2014 3237 3238 3188  3211 54.70  58 3274  -63 -26  36.00
## 69 10/3/2014 3227 3272 3218  3252 61.00  59 3268  -16  25  -4.00
## 70 10/6/2014 3265 3302 3256  3278 50.00  58 3262   16  13  -6.00
## [1] ""
## [1] "WTB.L.csv"
##          Date Open High  Low Close   tr atr   MA diff  OC   Tog
## 61 9/23/2014 4241 4250 4145  4155 105  70 4242  -87 -86  -8

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## 62 9/24/2014 4169 4169 4106 4135 63 70 4218 -83 -34 49
## 63 9/25/2014 4141 4231 4125 4133 106 72 4199 -66 -8 -32
## 64 9/26/2014 4143 4167 4105 4149 62 72 4189 -40 6 22
## 65 9/29/2014 4151 4190 4146 4179 44 70 4187 -8 28 -3
## 66 9/30/2014 4188 4194 4142 4154 52 68 4185 -31 -34 -9
## 67 10/1/2014 4148 4172 4103 4141 69 68 4182 -41 -7 10
## 68 10/2/2014 4150 4150 4045 4061 105 71 4161 -100 -89 11
## 69 10/3/2014 4083 4157 4071 4157 96 73 4151 6 74 -80
## 70 10/6/2014 4164 4176 4132 4140 44 71 4140 0 -24 -36
## [1] ""

```