```
##                nPars    AIC   delta   AICwt cumltvWt
## reg_w12r1          7 -79.02    0.00 7.9e-01     0.79
## reg_w_i_12r1      10 -74.37    4.65 7.8e-02     0.87
## reg12r1            6 -74.35    4.68 7.7e-02     0.95
## short_r12r1        7 -72.78    6.24 3.5e-02     0.98
## global12r1        14 -70.33    8.69 1.0e-02     0.99
## short_r_i_12r1    10 -69.05    9.97 5.4e-03     1.00
## short_w_i_12r1     5 -39.35   39.67 1.9e-09     1.00
## null12r1           3 -32.34   46.68 5.8e-11     1.00
## short_w12r1        4  18.81   97.83 4.5e-22     1.00
## short12r1          3 124.92  203.94 4.1e-45     1.00


##                nPars     AIC    delta    AICwt cumltvWt
## global12r2        15  662.94    0.00 1.0e+00     1.00
## short_r_i_12r2    11  680.48   17.54 1.6e-04     1.00
## short_r12r2        8  717.86   54.92 1.2e-12     1.00
## reg_w12r2          8  720.08   57.15 3.9e-13     1.00
## reg_w_i_12r2      11  722.13   59.20 1.4e-13     1.00
## reg12r2            7  723.62   60.68 6.7e-14     1.00
## null12r2           4  780.36  117.42 3.2e-26     1.00
## short_w_i_12r2     6 2263.01 1600.07 0.0e+00     1.00
## short_w12r2        5 2539.07 1876.14 0.0e+00     1.00
## short12r2          4 2906.59 2243.65 0.0e+00     1.00


##                nPars      AIC    delta     AICwt cumltvWt
## global12r3        15 -1356.56     0.00  1.0e+00     1.00
## reg_w_i_12r3      11 -1308.15    48.41  3.1e-11     1.00
## short_r_i_12r3    11 -1232.00   124.55  9.0e-28     1.00
## reg_w12r3          8 -1194.70   161.86  7.1e-36     1.00
## reg12r3            7 -1119.10   237.46  2.7e-52     1.00
## short_r12r3        8 -1117.21   239.35  1.1e-52     1.00
## null12r3           4  -780.01   576.55 6.4e-126     1.00
## short_w12r3        5  4509.57  5866.13  0.0e+00     1.00
## short12r3          4  4613.10  5969.66  0.0e+00     1.00
## short_w_i_12r3     6  5383.29  6739.85  0.0e+00     1.00


##                nPars      AIC    delta     AICwt cumltvWt
## global12r3        15 -1356.56     0.00  1.0e+00     1.00
## reg_w_i_12r3      11 -1308.15    48.41  3.1e-11     1.00
## short_r_i_12r3    11 -1232.00   124.55  9.0e-28     1.00
## reg_w12r3          8 -1194.70   161.86  7.1e-36     1.00
## reg12r3            7 -1119.10   237.46  2.7e-52     1.00
## short_r12r3        8 -1117.21   239.35  1.1e-52     1.00
## null12r3           4  -780.01   576.55 6.4e-126     1.00
## short_w12r3        5  4509.57  5866.13  0.0e+00     1.00
```

```
## short12r3        4  4613.10 5969.66  0.0e+00      1.00
## short_w_i_12r3    6  5383.29 6739.85  0.0e+00      1.00


##                nPars    AIC delta   AICwt cumltvWt
## reg_w_i_13r1     11 154.22  0.00 7.7e-01     0.77
## reg_w13r1         8 157.93  3.71 1.2e-01     0.89
## global13r1       15 158.16  3.94 1.1e-01     1.00
## reg13r1           7 167.64 13.42 9.4e-04     1.00
## short_r13r1       8 168.96 14.74 4.9e-04     1.00
## short_r_i_13r1   11 173.84 19.62 4.2e-05     1.00
## short13r1         4 181.20 26.98 1.1e-06     1.00
## short_w13r1       5 182.05 27.83 7.0e-07     1.00
## null13r1          4 182.79 28.57 4.8e-07     1.00
## short_w_i_13r1    6 183.97 29.75 2.7e-07     1.00


##                nPars     AIC  delta    AICwt cumltvWt
## global13r2       15  399.35   0.00  1.0e+00     1.00
## reg_w_i_13r2     11  444.14  44.79  1.9e-10     1.00
## short_r_i_13r2   11  473.46  74.11  8.1e-17     1.00
## reg13r2           7  537.57 138.22  9.7e-31     1.00
## reg_w13r2         8  537.93 138.58  8.1e-31     1.00
## short_r13r2       8  539.45 140.10  3.8e-31     1.00
## null13r2          4  647.63 248.28  1.2e-54     1.00
## short_w_i_13r2    6 1093.61 694.26 1.8e-151     1.00
## short_w13r2       5 1174.14 774.79 5.7e-169     1.00
## short13r2         4 1319.34 919.99 1.7e-200     1.00


##                nPars      AIC   delta    AICwt cumltvWt
## global13r3       15  -312.90    0.00  1.0e+00     1.00
## reg_w_i_13r3     11  -195.25  117.66  2.8e-26     1.00
## short_r_i_13r3   11  -101.34  211.56  1.1e-46     1.00
## reg_w13r3         8   -40.23  272.67  6.2e-60     1.00
## short_r13r3       8   -33.56  279.34  2.2e-61     1.00
## reg13r3           7   -30.07  282.83  3.8e-62     1.00
## null13r3          4   307.37  620.27 2.0e-135     1.00
## short_w13r3       5  1824.99 2137.89  0.0e+00     1.00
## short_w_i_13r3    6  1825.83 2138.73  0.0e+00     1.00
## short13r3         4  2163.72 2476.62  0.0e+00     1.00


##                nPars   AIC delta   AICwt cumltvWt
## reg_w13r4         6 71.79  0.00 7.0e-01     0.70
## reg_w_i_13r4      7 73.79  2.00 2.6e-01     0.96
## global13r4        9 77.70  5.91 3.6e-02     0.99
## short_r13r4       6 82.67 10.88 3.0e-03     1.00
## reg13r4           5 83.01 11.22 2.6e-03     1.00
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## short_r_i_13r4      7 84.67 12.88 1.1e-03     1.00
## short_w_i_13r4      6 86.00 14.21 5.7e-04     1.00
## short_w13r4         5 96.42 24.63 3.1e-06     1.00
## short13r4           4 97.14 25.35 2.2e-06     1.00
## null13r4            4 98.06 26.27 1.4e-06     1.00


##               nPars    AIC delta   AICwt cumltvWt
## reg_w_i_14r1     11  84.05  0.00 3.8e-01     0.38
## short_r_i_14r1   11  84.41  0.35 3.2e-01     0.70
## global14r1       15  84.68  0.63 2.8e-01     0.98
## short_r14r1       8  91.76  7.71 8.1e-03     0.99
## reg14r1           7  91.99  7.93 7.2e-03     1.00
## reg_w14r1         8  93.97  9.92 2.7e-03     1.00
## null14r1          4 111.13 27.07 5.1e-07     1.00
## short_w14r1       5 114.54 30.49 9.2e-08     1.00
## short_w_i_14r1    6 116.38 32.32 3.7e-08     1.00
## short14r1         4 117.06 33.01 2.6e-08     1.00


##               nPars    AIC  delta   AICwt cumltvWt
## global14r2       15  89.57   0.00 8.7e-01     0.87
## reg_w_i_14r2     11  93.83   4.26 1.0e-01     0.97
## reg_w14r2         8  96.60   7.03 2.6e-02     0.99
## short_r14r2       8 100.81  11.24 3.1e-03     1.00
## short_r_i_14r2   11 102.14  12.58 1.6e-03     1.00
## reg14r2           7 105.51  15.95 3.0e-04     1.00
## null14r2          4 230.55 140.99 2.1e-31     1.00
## short_w_i_14r2    6 601.61 512.04 5.6e-112    1.00
## short_w14r2       5 635.03 545.46 3.1e-119    1.00
## short14r2         4 663.00 573.44 2.6e-125    1.00


##               nPars     AIC  delta   AICwt cumltvWt
## short_r_i_14r3   11  -26.89   0.00 9.6e-01     0.96
## global14r3       15  -20.56   6.33 4.1e-02     1.00
## short_r14r3       8   29.22  56.11 6.3e-13     1.00
## reg14r3           7   29.37  56.27 5.8e-13     1.00
## null14r3          4   30.30  57.20 3.6e-13     1.00
## reg_w14r3         8   31.20  58.09 2.3e-13     1.00
## reg_w_i_14r3     11   37.06  63.95 1.2e-14     1.00
## short_w_i_14r3    6  632.36 659.25 6.7e-144    1.00
## short_w14r3       5  637.17 664.06 6.1e-145    1.00
## short14r3         4  831.78 858.67 3.3e-187    1.00


##               nPars    AIC delta   AICwt cumltvWt
## global14r4       15 101.09  0.00 9.9e-01     0.99
## short_r_i_14r4   11 110.49  9.41 9.0e-03     1.00
```

```
## reg_w_i_14r4        11 121.59  20.50  3.5e-05       1.00
## short_r14r4          8 125.19  24.10  5.8e-06       1.00
## reg_w14r4            8 126.71  25.62  2.7e-06       1.00
## reg14r4              7 127.10  26.01  2.2e-06       1.00
## null14r4             4 157.79  56.70  4.8e-13       1.00
## short_w_i_14r4       6 192.82  91.73  1.2e-20       1.00
## short_w14r4          5 247.22 146.13  1.8e-32       1.00
## short14r4            4 579.98 478.89 1.0e-104       1.00
```