BalsamPheno.R

Note:

Title of each table is plot name then plant #. E.g., “ch2” is plant #2 in plot ch.

BD: bud

FF: fully flowering

SG: senescing

SD: senesced

TF: total flowers (ie., row sum for that date)

Audrey McCombs

Sun Jul 02 16:18:28 2017

# Heated plots

ch2

## plot plantid treatment date BD FF SG SD TF  
## 58 CH5 CH5-2 H 2016-05-28 6 0 0 0 6  
## 216 CH5 CH5-2 H 2016-05-31 8 0 0 0 8  
## 374 CH5 CH5-2 H 2016-06-03 7 1 0 0 8  
## 532 CH5 CH5-2 H 2016-06-06 0 0 0 0 0  
## 690 CH5 CH5-2 H 2016-06-09 0 8 0 0 8  
## 848 CH5 CH5-2 H 2016-06-12 0 2 5 0 7  
## 1006 CH5 CH5-2 H 2016-06-15 0 0 7 0 7  
## 1165 CH5 CH5-2 H 2016-06-22 0 0 0 8 8  
## 1324 CH5 CH5-2 H 2016-06-25 0 0 0 8 8

ch3

## plot plantid treatment date BD FF SG SD TF  
## 59 CH5 CH5-3 H 2016-05-28 6 0 0 0 6  
## 217 CH5 CH5-3 H 2016-05-31 7 0 0 0 7  
## 375 CH5 CH5-3 H 2016-06-03 6 0 0 0 6  
## 533 CH5 CH5-3 H 2016-06-06 3 4 0 0 7  
## 691 CH5 CH5-3 H 2016-06-09 0 7 0 0 7  
## 849 CH5 CH5-3 H 2016-06-12 0 2 5 0 7  
## 1007 CH5 CH5-3 H 2016-06-15 0 0 7 0 7  
## 1166 CH5 CH5-3 H 2016-06-22 0 0 0 7 7  
## 1325 CH5 CH5-3 H 2016-06-25 0 0 0 7 7

ch4

## plot plantid treatment date BD FF SG SD TF  
## 60 CH5 CH5-4 H 2016-05-28 8 0 0 0 8  
## 218 CH5 CH5-4 H 2016-05-31 10 0 0 0 10  
## 376 CH5 CH5-4 H 2016-06-03 11 0 0 0 11  
## 534 CH5 CH5-4 H 2016-06-06 4 5 0 0 9  
## 692 CH5 CH5-4 H 2016-06-09 0 10 0 0 10  
## 850 CH5 CH5-4 H 2016-06-12 0 5 3 0 8  
## 1008 CH5 CH5-4 H 2016-06-15 0 0 10 0 10  
## 1167 CH5 CH5-4 H 2016-06-22 0 0 0 10 10  
## 1326 CH5 CH5-4 H 2016-06-25 0 0 0 10 10

ch5

## plot plantid treatment date BD FF SG SD TF  
## 61 CH5 CH5-5 H 2016-05-28 4 0 0 0 4  
## 219 CH5 CH5-5 H 2016-05-31 6 0 0 0 6  
## 377 CH5 CH5-5 H 2016-06-03 6 0 0 0 6  
## 535 CH5 CH5-5 H 2016-06-06 0 4 0 0 4  
## 693 CH5 CH5-5 H 2016-06-09 0 4 0 0 4  
## 851 CH5 CH5-5 H 2016-06-12 0 1 4 0 5  
## 1009 CH5 CH5-5 H 2016-06-15 0 0 5 0 5  
## 1168 CH5 CH5-5 H 2016-06-22 0 0 0 5 5  
## 1327 CH5 CH5-5 H 2016-06-25 0 0 0 5 5

ch6

## plot plantid treatment date BD FF SG SD TF  
## 62 CH5 CH5-6 H 2016-05-28 14 0 0 0 14  
## 220 CH5 CH5-6 H 2016-05-31 14 0 0 0 14  
## 378 CH5 CH5-6 H 2016-06-03 14 0 0 0 14  
## 536 CH5 CH5-6 H 2016-06-06 4 7 0 0 11  
## 694 CH5 CH5-6 H 2016-06-09 1 9 0 0 10  
## 852 CH5 CH5-6 H 2016-06-12 1 9 2 0 12  
## 1010 CH5 CH5-6 H 2016-06-15 0 2 10 0 12  
## 1169 CH5 CH5-6 H 2016-06-22 0 0 0 12 12  
## 1328 CH5 CH5-6 H 2016-06-25 0 0 0 12 12

ch7

## plot plantid treatment date BD FF SG SD TF  
## 63 CH5 CH5-7 H 2016-05-28 11 0 0 0 11  
## 221 CH5 CH5-7 H 2016-05-31 15 0 0 0 15  
## 379 CH5 CH5-7 H 2016-06-03 16 0 0 0 16  
## 537 CH5 CH5-7 H 2016-06-06 9 6 0 0 15  
## 695 CH5 CH5-7 H 2016-06-09 3 11 0 0 14  
## 853 CH5 CH5-7 H 2016-06-12 1 5 9 0 15  
## 1011 CH5 CH5-7 H 2016-06-15 0 2 15 0 17  
## 1170 CH5 CH5-7 H 2016-06-22 0 0 0 17 17  
## 1329 CH5 CH5-7 H 2016-06-25 0 0 0 16 16

chsr1

## plot plantid treatment date BD FF SG SD TF  
## 95 CHSR8 CHSR8-1 H 2016-05-28 3 0 0 0 3  
## 253 CHSR8 CHSR8-1 H 2016-05-31 3 0 0 0 3  
## 411 CHSR8 CHSR8-1 H 2016-06-03 4 0 0 0 4  
## 569 CHSR8 CHSR8-1 H 2016-06-06 0 3 0 0 3  
## 727 CHSR8 CHSR8-1 H 2016-06-09 0 3 0 0 3  
## 885 CHSR8 CHSR8-1 H 2016-06-12 0 2 2 0 4  
## 1043 CHSR8 CHSR8-1 H 2016-06-15 0 1 3 0 4  
## 1202 CHSR8 CHSR8-1 H 2016-06-22 0 0 0 4 4  
## 1361 CHSR8 CHSR8-1 H 2016-06-25 0 0 0 4 4

chsr2

## plot plantid treatment date BD FF SG SD TF  
## 96 CHSR8 CHSR8-2 H 2016-05-28 9 0 0 0 9  
## 254 CHSR8 CHSR8-2 H 2016-05-31 10 0 0 0 10  
## 412 CHSR8 CHSR8-2 H 2016-06-03 8 0 0 0 8  
## 570 CHSR8 CHSR8-2 H 2016-06-06 3 5 0 0 8  
## 728 CHSR8 CHSR8-2 H 2016-06-09 1 7 0 0 8  
## 886 CHSR8 CHSR8-2 H 2016-06-12 0 2 5 0 7  
## 1044 CHSR8 CHSR8-2 H 2016-06-15 0 1 8 0 9  
## 1203 CHSR8 CHSR8-2 H 2016-06-22 0 0 0 8 8  
## 1362 CHSR8 CHSR8-2 H 2016-06-25 0 0 0 8 8

chsr4

## plot plantid treatment date BD FF SG SD TF  
## 98 CHSR8 CHSR8-4 H 2016-05-28 27 0 0 0 27  
## 256 CHSR8 CHSR8-4 H 2016-05-31 35 0 0 0 35  
## 414 CHSR8 CHSR8-4 H 2016-06-03 41 0 0 0 41  
## 572 CHSR8 CHSR8-4 H 2016-06-06 34 8 0 0 42  
## 730 CHSR8 CHSR8-4 H 2016-06-09 22 15 0 0 37  
## 888 CHSR8 CHSR8-4 H 2016-06-12 7 22 3 0 32  
## 1046 CHSR8 CHSR8-4 H 2016-06-15 4 18 12 0 34  
## 1205 CHSR8 CHSR8-4 H 2016-06-22 0 0 5 44 49  
## 1364 CHSR8 CHSR8-4 H 2016-06-25 0 0 14 34 48

chsr5

## plot plantid treatment date BD FF SG SD TF  
## 99 CHSR8 CHSR8-5 H 2016-05-28 8 0 0 0 8  
## 257 CHSR8 CHSR8-5 H 2016-05-31 8 0 0 0 8  
## 415 CHSR8 CHSR8-5 H 2016-06-03 8 0 0 0 8  
## 573 CHSR8 CHSR8-5 H 2016-06-06 2 6 0 0 8  
## 731 CHSR8 CHSR8-5 H 2016-06-09 1 7 0 0 8  
## 889 CHSR8 CHSR8-5 H 2016-06-12 0 4 4 0 8  
## 1047 CHSR8 CHSR8-5 H 2016-06-15 0 2 6 0 8  
## 1206 CHSR8 CHSR8-5 H 2016-06-22 0 0 0 8 8  
## 1365 CHSR8 CHSR8-5 H 2016-06-25 0 0 0 7 7

chsr6

## plot plantid treatment date BD FF SG SD TF  
## 100 CHSR8 CHSR8-6 H 2016-05-28 7 0 0 0 7  
## 258 CHSR8 CHSR8-6 H 2016-05-31 8 0 0 0 8  
## 416 CHSR8 CHSR8-6 H 2016-06-03 4 3 0 0 7  
## 574 CHSR8 CHSR8-6 H 2016-06-06 3 5 0 0 8  
## 732 CHSR8 CHSR8-6 H 2016-06-09 1 7 0 0 8  
## 890 CHSR8 CHSR8-6 H 2016-06-12 0 3 5 0 8  
## 1048 CHSR8 CHSR8-6 H 2016-06-15 0 2 6 0 8  
## 1207 CHSR8 CHSR8-6 H 2016-06-22 0 0 0 8 8  
## 1366 CHSR8 CHSR8-6 H 2016-06-25 0 0 0 8 8

eh11

## plot plantid treatment date BD FF SG SD TF  
## 45 EH4 EH4-11 H 2016-05-28 1 0 0 0 1  
## 203 EH4 EH4-11 H 2016-05-31 2 0 0 0 2  
## 361 EH4 EH4-11 H 2016-06-03 1 0 0 0 1  
## 519 EH4 EH4-11 H 2016-06-06 2 0 0 0 2  
## 677 EH4 EH4-11 H 2016-06-09 1 1 0 0 2  
## 835 EH4 EH4-11 H 2016-06-12 1 1 0 0 2  
## 993 EH4 EH4-11 H 2016-06-15 1 1 0 0 2  
## 1152 EH4 EH4-11 H 2016-06-22 0 0 0 2 2  
## 1311 EH4 EH4-11 H 2016-06-25 0 0 0 2 2

eh3

## plot plantid treatment date BD FF SG SD TF  
## 37 EH4 EH4-3 H 2016-05-28 17 0 0 0 17  
## 195 EH4 EH4-3 H 2016-05-31 19 0 0 0 19  
## 353 EH4 EH4-3 H 2016-06-03 10 3 0 0 13  
## 511 EH4 EH4-3 H 2016-06-06 5 10 0 0 15  
## 669 EH4 EH4-3 H 2016-06-09 6 12 0 0 18  
## 827 EH4 EH4-3 H 2016-06-12 2 10 3 0 15  
## 985 EH4 EH4-3 H 2016-06-15 1 0 17 0 18  
## 1144 EH4 EH4-3 H 2016-06-22 0 0 0 18 18  
## 1303 EH4 EH4-3 H 2016-06-25 0 0 0 18 18

eh4

## plot plantid treatment date BD FF SG SD TF  
## 38 EH4 EH4-4 H 2016-05-28 11 0 0 0 11  
## 196 EH4 EH4-4 H 2016-05-31 10 0 0 0 10  
## 354 EH4 EH4-4 H 2016-06-03 9 1 0 0 10  
## 512 EH4 EH4-4 H 2016-06-06 8 2 0 0 10  
## 670 EH4 EH4-4 H 2016-06-09 4 7 0 0 11  
## 828 EH4 EH4-4 H 2016-06-12 2 8 1 0 11  
## 986 EH4 EH4-4 H 2016-06-15 0 8 1 0 9  
## 1145 EH4 EH4-4 H 2016-06-22 0 0 0 12 12  
## 1304 EH4 EH4-4 H 2016-06-25 0 0 0 12 12

eh5

## plot plantid treatment date BD FF SG SD TF  
## 39 EH4 EH4-5 H 2016-05-28 1 0 0 0 1  
## 197 EH4 EH4-5 H 2016-05-31 1 0 0 0 1  
## 355 EH4 EH4-5 H 2016-06-03 1 0 0 0 1  
## 513 EH4 EH4-5 H 2016-06-06 1 0 0 0 1  
## 671 EH4 EH4-5 H 2016-06-09 0 1 0 0 1  
## 829 EH4 EH4-5 H 2016-06-12 0 1 0 0 1  
## 987 EH4 EH4-5 H 2016-06-15 0 0 1 0 1  
## 1146 EH4 EH4-5 H 2016-06-22 0 0 0 2 2  
## 1305 EH4 EH4-5 H 2016-06-25 0 0 0 2 2

eh6

## plot plantid treatment date BD FF SG SD TF  
## 40 EH4 EH4-6 H 2016-05-28 13 0 0 0 13  
## 198 EH4 EH4-6 H 2016-05-31 14 0 0 0 14  
## 356 EH4 EH4-6 H 2016-06-03 14 0 0 0 14  
## 514 EH4 EH4-6 H 2016-06-06 15 0 0 0 15  
## 672 EH4 EH4-6 H 2016-06-09 9 6 0 0 15  
## 830 EH4 EH4-6 H 2016-06-12 0 10 1 0 11  
## 988 EH4 EH4-6 H 2016-06-15 4 7 3 0 14  
## 1147 EH4 EH4-6 H 2016-06-22 0 0 0 17 17  
## 1306 EH4 EH4-6 H 2016-06-25 0 0 0 14 14

eh7

## plot plantid treatment date BD FF SG SD TF  
## 41 EH4 EH4-7 H 2016-05-28 2 0 0 0 2  
## 199 EH4 EH4-7 H 2016-05-31 2 0 0 0 2  
## 357 EH4 EH4-7 H 2016-06-03 4 0 0 0 4  
## 515 EH4 EH4-7 H 2016-06-06 2 1 0 0 3  
## 673 EH4 EH4-7 H 2016-06-09 1 1 0 0 2  
## 831 EH4 EH4-7 H 2016-06-12 0 1 1 0 2  
## 989 EH4 EH4-7 H 2016-06-15 0 1 1 0 2  
## 1148 EH4 EH4-7 H 2016-06-22 0 0 0 3 3  
## 1307 EH4 EH4-7 H 2016-06-25 0 0 0 3 3

eh8

## plot plantid treatment date BD FF SG SD TF  
## 42 EH4 EH4-8 H 2016-05-28 5 0 0 0 5  
## 200 EH4 EH4-8 H 2016-05-31 5 0 0 0 5  
## 358 EH4 EH4-8 H 2016-06-03 4 0 0 0 4  
## 516 EH4 EH4-8 H 2016-06-06 3 2 0 0 5  
## 674 EH4 EH4-8 H 2016-06-09 2 3 0 0 5  
## 832 EH4 EH4-8 H 2016-06-12 0 4 1 0 5  
## 990 EH4 EH4-8 H 2016-06-15 1 3 2 0 6  
## 1149 EH4 EH4-8 H 2016-06-22 0 0 0 5 5  
## 1308 EH4 EH4-8 H 2016-06-25 0 0 0 5 5

eh9

## plot plantid treatment date BD FF SG SD TF  
## 43 EH4 EH4-9 H 2016-05-28 3 0 0 0 3  
## 201 EH4 EH4-9 H 2016-05-31 5 0 0 0 5  
## 359 EH4 EH4-9 H 2016-06-03 4 0 0 0 4  
## 517 EH4 EH4-9 H 2016-06-06 3 2 0 0 5  
## 675 EH4 EH4-9 H 2016-06-09 0 4 0 0 4  
## 833 EH4 EH4-9 H 2016-06-12 0 3 1 0 4  
## 991 EH4 EH4-9 H 2016-06-15 0 0 3 0 3  
## 1150 EH4 EH4-9 H 2016-06-22 0 0 0 3 3  
## 1309 EH4 EH4-9 H 2016-06-25 0 0 0 3 3

ehsr1

## plot plantid treatment date BD FF SG SD TF  
## 1 EHSR1 EHSR1-1 H 2016-05-28 17 0 0 0 17  
## 159 EHSR1 EHSR1-1 H 2016-05-31 19 0 0 0 19  
## 317 EHSR1 EHSR1-1 H 2016-06-03 14 0 0 0 14  
## 475 EHSR1 EHSR1-1 H 2016-06-06 20 0 0 0 20  
## 633 EHSR1 EHSR1-1 H 2016-06-09 8 12 0 0 20  
## 791 EHSR1 EHSR1-1 H 2016-06-12 4 11 0 0 15  
## 949 EHSR1 EHSR1-1 H 2016-06-15 2 4 9 0 15  
## 1108 EHSR1 EHSR1-1 H 2016-06-22 0 0 0 20 20  
## 1267 EHSR1 EHSR1-1 H 2016-06-25 0 0 0 17 17

ehsr2

## plot plantid treatment date BD FF SG SD TF  
## 2 EHSR1 EHSR1-2 H 2016-05-28 14 0 0 0 14  
## 160 EHSR1 EHSR1-2 H 2016-05-31 15 0 0 0 15  
## 318 EHSR1 EHSR1-2 H 2016-06-03 14 0 0 0 14  
## 476 EHSR1 EHSR1-2 H 2016-06-06 9 7 0 0 16  
## 634 EHSR1 EHSR1-2 H 2016-06-09 3 11 0 0 14  
## 792 EHSR1 EHSR1-2 H 2016-06-12 0 15 0 0 15  
## 950 EHSR1 EHSR1-2 H 2016-06-15 1 0 12 0 13  
## 1109 EHSR1 EHSR1-2 H 2016-06-22 0 0 0 16 16  
## 1268 EHSR1 EHSR1-2 H 2016-06-25 0 0 0 14 14

ehsr4

## plot plantid treatment date BD FF SG SD TF  
## 4 EHSR1 EHSR1-4 H 2016-05-28 1 0 0 0 1  
## 320 EHSR1 EHSR1-4 H 2016-06-03 1 0 0 0 1  
## 478 EHSR1 EHSR1-4 H 2016-06-06 1 0 0 0 1  
## 794 EHSR1 EHSR1-4 H 2016-06-12 0 0 1 0 1  
## 952 EHSR1 EHSR1-4 H 2016-06-15 0 0 1 0 1  
## 1111 EHSR1 EHSR1-4 H 2016-06-22 0 0 0 1 1  
## 1270 EHSR1 EHSR1-4 H 2016-06-25 0 0 0 1 1

ehsr5

## plot plantid treatment date BD FF SG SD TF  
## 5 EHSR1 EHSR1-5 H 2016-05-28 6 0 0 0 6  
## 163 EHSR1 EHSR1-5 H 2016-05-31 6 0 0 0 6  
## 321 EHSR1 EHSR1-5 H 2016-06-03 6 0 0 0 6  
## 479 EHSR1 EHSR1-5 H 2016-06-06 4 2 0 0 6  
## 637 EHSR1 EHSR1-5 H 2016-06-09 2 4 0 0 6  
## 795 EHSR1 EHSR1-5 H 2016-06-12 0 2 4 0 6  
## 953 EHSR1 EHSR1-5 H 2016-06-15 0 0 5 0 5  
## 1112 EHSR1 EHSR1-5 H 2016-06-22 0 0 0 6 6  
## 1271 EHSR1 EHSR1-5 H 2016-06-25 0 0 0 6 6

whsr1

## plot plantid treatment date BD FF SG SD TF  
## 103 WHSR9 WHSR9-1 H 2016-05-28 9 0 0 0 9  
## 261 WHSR9 WHSR9-1 H 2016-05-31 8 0 0 0 8  
## 419 WHSR9 WHSR9-1 H 2016-06-03 8 1 0 0 9  
## 577 WHSR9 WHSR9-1 H 2016-06-06 5 3 0 0 8  
## 735 WHSR9 WHSR9-1 H 2016-06-09 4 5 0 0 9  
## 893 WHSR9 WHSR9-1 H 2016-06-12 0 8 1 0 9  
## 1051 WHSR9 WHSR9-1 H 2016-06-15 1 4 4 0 9  
## 1210 WHSR9 WHSR9-1 H 2016-06-22 0 1 1 8 10  
## 1369 WHSR9 WHSR9-1 H 2016-06-25 0 0 1 9 10

whsr2

## plot plantid treatment date BD FF SG SD TF  
## 104 WHSR9 WHSR9-2 H 2016-05-28 10 0 0 0 10  
## 262 WHSR9 WHSR9-2 H 2016-05-31 11 0 0 0 11  
## 420 WHSR9 WHSR9-2 H 2016-06-03 11 1 0 0 12  
## 578 WHSR9 WHSR9-2 H 2016-06-06 6 5 0 0 11  
## 736 WHSR9 WHSR9-2 H 2016-06-09 6 9 0 0 15  
## 894 WHSR9 WHSR9-2 H 2016-06-12 2 9 4 0 15  
## 1052 WHSR9 WHSR9-2 H 2016-06-15 0 6 9 0 15  
## 1211 WHSR9 WHSR9-2 H 2016-06-22 0 0 0 12 12  
## 1370 WHSR9 WHSR9-2 H 2016-06-25 0 0 0 15 15

whsr3

## plot plantid treatment date BD FF SG SD TF  
## 105 WHSR9 WHSR9-3 H 2016-05-28 8 0 0 0 8  
## 263 WHSR9 WHSR9-3 H 2016-05-31 6 0 0 0 6  
## 421 WHSR9 WHSR9-3 H 2016-06-03 8 0 0 0 8  
## 579 WHSR9 WHSR9-3 H 2016-06-06 8 0 0 0 8  
## 737 WHSR9 WHSR9-3 H 2016-06-09 0 8 0 0 8  
## 895 WHSR9 WHSR9-3 H 2016-06-12 0 7 1 0 8  
## 1053 WHSR9 WHSR9-3 H 2016-06-15 0 0 8 0 8  
## 1212 WHSR9 WHSR9-3 H 2016-06-22 0 0 0 8 8  
## 1371 WHSR9 WHSR9-3 H 2016-06-25 0 0 0 8 8

whsr4

## plot plantid treatment date BD FF SG SD TF  
## 106 WHSR9 WHSR9-4 H 2016-05-28 4 0 0 0 4  
## 264 WHSR9 WHSR9-4 H 2016-05-31 5 0 0 0 5  
## 422 WHSR9 WHSR9-4 H 2016-06-03 6 0 0 0 6  
## 580 WHSR9 WHSR9-4 H 2016-06-06 6 1 0 0 7  
## 738 WHSR9 WHSR9-4 H 2016-06-09 2 6 0 0 8  
## 896 WHSR9 WHSR9-4 H 2016-06-12 0 4 2 0 6  
## 1054 WHSR9 WHSR9-4 H 2016-06-15 0 1 5 0 6  
## 1213 WHSR9 WHSR9-4 H 2016-06-22 0 1 0 5 6  
## 1372 WHSR9 WHSR9-4 H 2016-06-25 0 0 1 4 5

# Control Plots  
cc1

## plot plantid treatment date BD FF SG SD TF  
## 68 CC6 CC6-1 C 2016-05-28 7 0 0 0 7  
## 226 CC6 CC6-1 C 2016-05-31 7 0 0 0 7  
## 384 CC6 CC6-1 C 2016-06-03 6 0 0 0 6  
## 542 CC6 CC6-1 C 2016-06-06 4 1 0 0 5  
## 700 CC6 CC6-1 C 2016-06-09 0 5 0 0 5  
## 858 CC6 CC6-1 C 2016-06-12 0 3 2 0 5  
## 1016 CC6 CC6-1 C 2016-06-15 0 1 4 0 5  
## 1175 CC6 CC6-1 C 2016-06-22 0 0 0 6 6  
## 1334 CC6 CC6-1 C 2016-06-25 0 0 0 4 4

cc10

## plot plantid treatment date BD FF SG SD TF  
## 77 CC6 CC6-10 C 2016-05-28 8 0 0 0 8  
## 235 CC6 CC6-10 C 2016-05-31 10 0 0 0 10  
## 393 CC6 CC6-10 C 2016-06-03 9 0 0 0 9  
## 551 CC6 CC6-10 C 2016-06-06 4 4 0 0 8  
## 709 CC6 CC6-10 C 2016-06-09 1 7 0 0 8  
## 867 CC6 CC6-10 C 2016-06-12 0 2 5 0 7  
## 1025 CC6 CC6-10 C 2016-06-15 1 0 7 0 8  
## 1184 CC6 CC6-10 C 2016-06-22 0 0 0 8 8  
## 1343 CC6 CC6-10 C 2016-06-25 0 0 0 8 8

cc4

## plot plantid treatment date BD FF SG SD TF  
## 229 CC6 CC6-4 C 2016-05-31 2 0 0 0 2  
## 387 CC6 CC6-4 C 2016-06-03 1 0 0 0 1  
## 545 CC6 CC6-4 C 2016-06-06 0 0 0 0 0

cc9

## plot plantid treatment date BD FF SG SD TF  
## 76 CC6 CC6-9 C 2016-05-28 10 0 0 0 10  
## 234 CC6 CC6-9 C 2016-05-31 10 0 0 0 10  
## 392 CC6 CC6-9 C 2016-06-03 8 0 0 0 8  
## 550 CC6 CC6-9 C 2016-06-06 7 1 0 0 8  
## 708 CC6 CC6-9 C 2016-06-09 2 2 0 0 4  
## 866 CC6 CC6-9 C 2016-06-12 1 0 3 0 4  
## 1024 CC6 CC6-9 C 2016-06-15 0 0 3 0 3  
## 1183 CC6 CC6-9 C 2016-06-22 0 0 0 4 4  
## 1342 CC6 CC6-9 C 2016-06-25 0 0 0 4 4

csr1

## plot plantid treatment date BD FF SG SD TF  
## 85 CSR7 CSR7-1 C 2016-05-28 12 0 0 0 12  
## 243 CSR7 CSR7-1 C 2016-05-31 14 0 0 0 14  
## 401 CSR7 CSR7-1 C 2016-06-03 9 1 0 0 10  
## 559 CSR7 CSR7-1 C 2016-06-06 7 3 0 0 10  
## 717 CSR7 CSR7-1 C 2016-06-09 3 5 0 0 8  
## 875 CSR7 CSR7-1 C 2016-06-12 0 1 4 0 5  
## 1033 CSR7 CSR7-1 C 2016-06-15 0 0 4 1 5  
## 1192 CSR7 CSR7-1 C 2016-06-22 0 0 0 4 4  
## 1351 CSR7 CSR7-1 C 2016-06-25 0 0 0 6 6

csr3

## plot plantid treatment date BD FF SG SD TF  
## 87 CSR7 CSR7-3 C 2016-05-28 4 0 0 0 4  
## 245 CSR7 CSR7-3 C 2016-05-31 5 0 0 0 5  
## 403 CSR7 CSR7-3 C 2016-06-03 4 0 0 0 4  
## 561 CSR7 CSR7-3 C 2016-06-06 2 2 0 0 4  
## 719 CSR7 CSR7-3 C 2016-06-09 2 2 0 0 4  
## 877 CSR7 CSR7-3 C 2016-06-12 0 1 1 0 2  
## 1035 CSR7 CSR7-3 C 2016-06-15 0 1 0 1 2  
## 1194 CSR7 CSR7-3 C 2016-06-22 0 0 0 3 3  
## 1353 CSR7 CSR7-3 C 2016-06-25 0 0 0 2 2

csr5

## plot plantid treatment date BD FF SG SD TF  
## 89 CSR7 CSR7-5 C 2016-05-28 2 0 0 0 2  
## 247 CSR7 CSR7-5 C 2016-05-31 5 0 0 0 5  
## 405 CSR7 CSR7-5 C 2016-06-03 1 1 0 0 2  
## 563 CSR7 CSR7-5 C 2016-06-06 1 1 0 0 2  
## 721 CSR7 CSR7-5 C 2016-06-09 0 2 0 0 2  
## 879 CSR7 CSR7-5 C 2016-06-12 0 1 1 0 2  
## 1037 CSR7 CSR7-5 C 2016-06-15 0 0 2 0 2  
## 1196 CSR7 CSR7-5 C 2016-06-22 0 0 0 2 2  
## 1355 CSR7 CSR7-5 C 2016-06-25 0 0 0 2 2

csr6

## plot plantid treatment date BD FF SG SD TF  
## 90 CSR7 CSR7-6 C 2016-05-28 1 0 0 0 1  
## 248 CSR7 CSR7-6 C 2016-05-31 1 0 0 0 1  
## 406 CSR7 CSR7-6 C 2016-06-03 1 0 0 0 1  
## 564 CSR7 CSR7-6 C 2016-06-06 0 1 0 0 1  
## 722 CSR7 CSR7-6 C 2016-06-09 0 1 0 0 1  
## 880 CSR7 CSR7-6 C 2016-06-12 0 0 1 0 1  
## 1038 CSR7 CSR7-6 C 2016-06-15 0 0 0 1 1  
## 1197 CSR7 CSR7-6 C 2016-06-22 0 0 0 1 1  
## 1356 CSR7 CSR7-6 C 2016-06-25 0 0 0 1 1

csr8

## plot plantid treatment date BD FF SG SD TF  
## 92 CSR7 CSR7-8 C 2016-05-28 6 0 0 0 6  
## 250 CSR7 CSR7-8 C 2016-05-31 8 0 0 0 8  
## 408 CSR7 CSR7-8 C 2016-06-03 4 0 0 0 4  
## 566 CSR7 CSR7-8 C 2016-06-06 1 2 0 0 3  
## 724 CSR7 CSR7-8 C 2016-06-09 0 2 0 0 2  
## 882 CSR7 CSR7-8 C 2016-06-12 0 0 2 0 2  
## 1040 CSR7 CSR7-8 C 2016-06-15 0 0 2 0 2  
## 1199 CSR7 CSR7-8 C 2016-06-22 0 0 0 2 2  
## 1358 CSR7 CSR7-8 C 2016-06-25 0 0 0 2 2

csr9

## plot plantid treatment date BD FF SG SD TF  
## 93 CSR7 CSR7-9 C 2016-05-28 19 0 0 0 19  
## 251 CSR7 CSR7-9 C 2016-05-31 23 0 0 0 23  
## 409 CSR7 CSR7-9 C 2016-06-03 10 4 0 0 14  
## 567 CSR7 CSR7-9 C 2016-06-06 8 9 0 0 17  
## 725 CSR7 CSR7-9 C 2016-06-09 2 15 0 0 17  
## 883 CSR7 CSR7-9 C 2016-06-12 0 5 9 0 14  
## 1041 CSR7 CSR7-9 C 2016-06-15 0 2 12 0 14  
## 1200 CSR7 CSR7-9 C 2016-06-22 0 0 0 15 15  
## 1359 CSR7 CSR7-9 C 2016-06-25 0 0 0 16 16

ec1

## plot plantid treatment date BD FF SG SD TF  
## 22 EC3 EC3-1 C 2016-05-28 8 0 0 0 8  
## 180 EC3 EC3-1 C 2016-05-31 5 0 0 0 5  
## 338 EC3 EC3-1 C 2016-06-03 4 1 0 0 5  
## 496 EC3 EC3-1 C 2016-06-06 2 1 0 0 3  
## 654 EC3 EC3-1 C 2016-06-09 2 1 0 0 3  
## 812 EC3 EC3-1 C 2016-06-12 0 1 1 0 2  
## 970 EC3 EC3-1 C 2016-06-15 0 0 2 0 2  
## 1129 EC3 EC3-1 C 2016-06-22 0 0 0 0 0  
## 1288 EC3 EC3-1 C 2016-06-25 0 0 0 2 2

ec3

## plot plantid treatment date BD FF SG SD TF  
## 24 EC3 EC3-3 C 2016-05-28 10 0 0 0 10  
## 182 EC3 EC3-3 C 2016-05-31 12 0 0 0 12  
## 340 EC3 EC3-3 C 2016-06-03 2 2 0 0 4  
## 498 EC3 EC3-3 C 2016-06-06 0 4 0 0 4  
## 656 EC3 EC3-3 C 2016-06-09 0 2 2 0 4  
## 814 EC3 EC3-3 C 2016-06-12 0 0 4 0 4  
## 972 EC3 EC3-3 C 2016-06-15 0 0 3 0 3  
## 1131 EC3 EC3-3 C 2016-06-22 0 0 0 0 0  
## 1290 EC3 EC3-3 C 2016-06-25 0 0 0 4 4

esr1

## plot plantid treatment date BD FF SG SD TF  
## 8 ESR2 ESR2-1 C 2016-05-28 2 0 0 0 2  
## 166 ESR2 ESR2-1 C 2016-05-31 2 0 0 0 2  
## 324 ESR2 ESR2-1 C 2016-06-03 2 0 0 0 2  
## 482 ESR2 ESR2-1 C 2016-06-06 1 0 0 0 1

esr11

## plot plantid treatment date BD FF SG SD TF  
## 18 ESR2 ESR2-11 C 2016-05-28 1 0 0 0 1  
## 176 ESR2 ESR2-11 C 2016-05-31 1 0 0 0 1  
## 334 ESR2 ESR2-11 C 2016-06-03 1 0 0 0 1  
## 492 ESR2 ESR2-11 C 2016-06-06 0 1 0 0 1  
## 650 ESR2 ESR2-11 C 2016-06-09 0 0 0 0 0  
## 808 ESR2 ESR2-11 C 2016-06-12 0 0 1 0 1  
## 1125 ESR2 ESR2-11 C 2016-06-22 0 0 0 1 1

esr2

## plot plantid treatment date BD FF SG SD TF  
## 9 ESR2 ESR2-2 C 2016-05-28 8 0 0 0 8  
## 167 ESR2 ESR2-2 C 2016-05-31 7 0 0 0 7  
## 325 ESR2 ESR2-2 C 2016-06-03 6 0 0 0 6  
## 483 ESR2 ESR2-2 C 2016-06-06 4 1 0 0 5  
## 641 ESR2 ESR2-2 C 2016-06-09 2 3 0 0 5  
## 799 ESR2 ESR2-2 C 2016-06-12 0 3 1 0 4  
## 957 ESR2 ESR2-2 C 2016-06-15 1 2 0 0 3  
## 1116 ESR2 ESR2-2 C 2016-06-22 0 0 0 6 6  
## 1275 ESR2 ESR2-2 C 2016-06-25 0 0 0 4 4

esr3

## plot plantid treatment date BD FF SG SD TF  
## 10 ESR2 ESR2-3 C 2016-05-28 22 0 0 0 22  
## 168 ESR2 ESR2-3 C 2016-05-31 27 0 0 0 27  
## 326 ESR2 ESR2-3 C 2016-06-03 26 0 0 0 26  
## 484 ESR2 ESR2-3 C 2016-06-06 20 0 0 0 20  
## 642 ESR2 ESR2-3 C 2016-06-09 0 0 0 0 0  
## 800 ESR2 ESR2-3 C 2016-06-12 0 0 0 0 0  
## 958 ESR2 ESR2-3 C 2016-06-15 0 0 1 0 1  
## 1117 ESR2 ESR2-3 C 2016-06-22 25 0 0 3 28  
## 1276 ESR2 ESR2-3 C 2016-06-25 0 0 0 2 2

esr4

## plot plantid treatment date BD FF SG SD TF  
## 11 ESR2 ESR2-4 C 2016-05-28 12 0 0 0 12  
## 169 ESR2 ESR2-4 C 2016-05-31 13 3 0 0 16  
## 327 ESR2 ESR2-4 C 2016-06-03 4 5 0 0 9  
## 485 ESR2 ESR2-4 C 2016-06-06 4 5 0 0 9  
## 643 ESR2 ESR2-4 C 2016-06-09 0 2 3 0 5  
## 801 ESR2 ESR2-4 C 2016-06-12 0 0 5 0 5  
## 959 ESR2 ESR2-4 C 2016-06-15 0 0 2 3 5  
## 1118 ESR2 ESR2-4 C 2016-06-22 0 0 0 9 9  
## 1277 ESR2 ESR2-4 C 2016-06-25 0 0 0 3 3

esr6

## plot plantid treatment date BD FF SG SD TF  
## 13 ESR2 ESR2-6 C 2016-05-28 3 0 0 0 3  
## 171 ESR2 ESR2-6 C 2016-05-31 4 0 0 0 4  
## 329 ESR2 ESR2-6 C 2016-06-03 2 0 0 0 2  
## 487 ESR2 ESR2-6 C 2016-06-06 1 1 0 0 2  
## 645 ESR2 ESR2-6 C 2016-06-09 1 1 0 0 2  
## 803 ESR2 ESR2-6 C 2016-06-12 0 0 1 0 1  
## 961 ESR2 ESR2-6 C 2016-06-15 0 0 1 0 1  
## 1120 ESR2 ESR2-6 C 2016-06-22 0 0 0 1 1  
## 1279 ESR2 ESR2-6 C 2016-06-25 0 0 0 1 1

esr8

## plot plantid treatment date BD FF SG SD TF  
## 331 ESR2 ESR2-8 C 2016-06-03 0 0 0 0 0  
## 489 ESR2 ESR2-8 C 2016-06-06 0 0 0 0 0  
## 647 ESR2 ESR2-8 C 2016-06-09 0 0 0 0 0  
## 805 ESR2 ESR2-8 C 2016-06-12 0 0 0 0 0

wc1

## plot plantid treatment date BD FF SG SD TF  
## 282 WC11 WC11-1 C 2016-05-31 3 0 0 0 3  
## 440 WC11 WC11-1 C 2016-06-03 2 0 0 0 2  
## 598 WC11 WC11-1 C 2016-06-06 0 0 0 0 0  
## 756 WC11 WC11-1 C 2016-06-09 1 0 0 0 1  
## 914 WC11 WC11-1 C 2016-06-12 0 1 0 0 1  
## 1072 WC11 WC11-1 C 2016-06-15 0 1 0 0 1  
## 1231 WC11 WC11-1 C 2016-06-22 0 0 0 1 1  
## 1390 WC11 WC11-1 C 2016-06-25 0 0 0 1 1

wc2

## plot plantid treatment date BD FF SG SD TF  
## 125 WC11 WC11-2 C 2016-05-28 7 0 0 0 7  
## 283 WC11 WC11-2 C 2016-05-31 3 0 0 0 3  
## 441 WC11 WC11-2 C 2016-06-03 1 1 0 0 2  
## 599 WC11 WC11-2 C 2016-06-06 1 1 0 0 2  
## 757 WC11 WC11-2 C 2016-06-09 0 1 1 0 2  
## 915 WC11 WC11-2 C 2016-06-12 0 0 2 0 2  
## 1073 WC11 WC11-2 C 2016-06-15 0 0 1 1 2  
## 1232 WC11 WC11-2 C 2016-06-22 0 0 0 2 2  
## 1391 WC11 WC11-2 C 2016-06-25 0 0 0 2 2

wc3

## plot plantid treatment date BD FF SG SD TF  
## 126 WC11 WC11-3 C 2016-05-28 10 0 0 0 10  
## 284 WC11 WC11-3 C 2016-05-31 10 0 0 0 10  
## 442 WC11 WC11-3 C 2016-06-03 4 0 0 0 4  
## 600 WC11 WC11-3 C 2016-06-06 1 3 0 0 4  
## 758 WC11 WC11-3 C 2016-06-09 0 4 0 0 4  
## 916 WC11 WC11-3 C 2016-06-12 0 3 1 0 4  
## 1074 WC11 WC11-3 C 2016-06-15 0 0 4 0 4  
## 1233 WC11 WC11-3 C 2016-06-22 0 0 2 2 4  
## 1392 WC11 WC11-3 C 2016-06-25 0 0 0 4 4

wc4

## plot plantid treatment date BD FF SG SD TF  
## 127 WC11 WC11-4 C 2016-05-28 3 0 0 0 3  
## 285 WC11 WC11-4 C 2016-05-31 1 0 0 0 1  
## 443 WC11 WC11-4 C 2016-06-03 2 0 0 0 2  
## 601 WC11 WC11-4 C 2016-06-06 1 0 0 0 1  
## 759 WC11 WC11-4 C 2016-06-09 0 1 0 0 1  
## 917 WC11 WC11-4 C 2016-06-12 0 1 0 0 1  
## 1075 WC11 WC11-4 C 2016-06-15 0 0 1 0 1  
## 1234 WC11 WC11-4 C 2016-06-22 0 0 0 1 1  
## 1393 WC11 WC11-4 C 2016-06-25 0 0 0 1 1

wc5

## plot plantid treatment date BD FF SG SD TF  
## 128 WC11 WC11-5 C 2016-05-28 2 0 0 0 2  
## 286 WC11 WC11-5 C 2016-05-31 2 0 0 0 2  
## 444 WC11 WC11-5 C 2016-06-03 2 0 0 0 2  
## 602 WC11 WC11-5 C 2016-06-06 2 0 0 0 2  
## 760 WC11 WC11-5 C 2016-06-09 0 2 0 0 2  
## 918 WC11 WC11-5 C 2016-06-12 0 1 1 0 2  
## 1076 WC11 WC11-5 C 2016-06-15 0 0 0 0 0  
## 1235 WC11 WC11-5 C 2016-06-22 0 0 0 2 2  
## 1394 WC11 WC11-5 C 2016-06-25 0 0 0 2 2

wc7

## plot plantid treatment date BD FF SG SD TF  
## 130 WC11 WC11-7 C 2016-05-28 8 0 0 0 8  
## 288 WC11 WC11-7 C 2016-05-31 6 0 0 0 6  
## 446 WC11 WC11-7 C 2016-06-03 3 0 0 0 3  
## 604 WC11 WC11-7 C 2016-06-06 3 0 0 0 3  
## 762 WC11 WC11-7 C 2016-06-09 0 3 0 0 3  
## 920 WC11 WC11-7 C 2016-06-12 0 2 1 0 3  
## 1078 WC11 WC11-7 C 2016-06-15 0 0 2 1 3  
## 1237 WC11 WC11-7 C 2016-06-22 0 0 0 3 3  
## 1396 WC11 WC11-7 C 2016-06-25 0 0 0 3 3

wsr1

## plot plantid treatment date BD FF SG SD TF  
## 113 WSR10 WSR10-1 C 2016-05-28 24 0 0 0 24  
## 271 WSR10 WSR10-1 C 2016-05-31 24 0 0 0 24  
## 429 WSR10 WSR10-1 C 2016-06-03 22 0 0 0 22  
## 587 WSR10 WSR10-1 C 2016-06-06 9 13 0 0 22  
## 745 WSR10 WSR10-1 C 2016-06-09 2 16 0 0 18  
## 903 WSR10 WSR10-1 C 2016-06-12 2 6 8 0 16  
## 1061 WSR10 WSR10-1 C 2016-06-15 0 2 14 0 16  
## 1220 WSR10 WSR10-1 C 2016-06-22 0 0 0 16 16  
## 1379 WSR10 WSR10-1 C 2016-06-25 0 0 0 18 18

wsr3

## plot plantid treatment date BD FF SG SD TF  
## 115 WSR10 WSR10-3 C 2016-05-28 2 0 0 0 2  
## 273 WSR10 WSR10-3 C 2016-05-31 2 0 0 0 2  
## 431 WSR10 WSR10-3 C 2016-06-03 1 1 0 0 2  
## 589 WSR10 WSR10-3 C 2016-06-06 1 1 0 0 2  
## 747 WSR10 WSR10-3 C 2016-06-09 0 1 0 0 1  
## 905 WSR10 WSR10-3 C 2016-06-12 0 0 1 0 1  
## 1063 WSR10 WSR10-3 C 2016-06-15 0 0 1 0 1  
## 1222 WSR10 WSR10-3 C 2016-06-22 0 0 0 1 1  
## 1381 WSR10 WSR10-3 C 2016-06-25 0 0 0 2 2

wsr7

## plot plantid treatment date BD FF SG SD TF  
## 119 WSR10 WSR10-7 C 2016-05-28 27 0 0 0 27  
## 277 WSR10 WSR10-7 C 2016-05-31 18 0 0 0 18  
## 435 WSR10 WSR10-7 C 2016-06-03 5 8 0 0 13  
## 593 WSR10 WSR10-7 C 2016-06-06 2 10 0 0 12  
## 751 WSR10 WSR10-7 C 2016-06-09 0 2 8 0 10  
## 909 WSR10 WSR10-7 C 2016-06-12 0 0 11 0 11  
## 1067 WSR10 WSR10-7 C 2016-06-15 0 0 8 3 11  
## 1226 WSR10 WSR10-7 C 2016-06-22 0 0 0 9 9  
## 1385 WSR10 WSR10-7 C 2016-06-25 0 0 0 11 11

wsr9

## plot plantid treatment date BD FF SG SD TF  
## 121 WSR10 WSR10-9 C 2016-05-28 4 0 0 0 4  
## 279 WSR10 WSR10-9 C 2016-05-31 5 0 0 0 5  
## 437 WSR10 WSR10-9 C 2016-06-03 1 0 0 0 1  
## 595 WSR10 WSR10-9 C 2016-06-06 1 0 0 0 1  
## 753 WSR10 WSR10-9 C 2016-06-09 0 0 0 0 0  
## 911 WSR10 WSR10-9 C 2016-06-12 0 0 0 0 0  
## 1069 WSR10 WSR10-9 C 2016-06-15 0 0 0 0 0  
## 1228 WSR10 WSR10-9 C 2016-06-22 0 0 0 0 0  
## 1387 WSR10 WSR10-9 C 2016-06-25 0 0 0 1 1