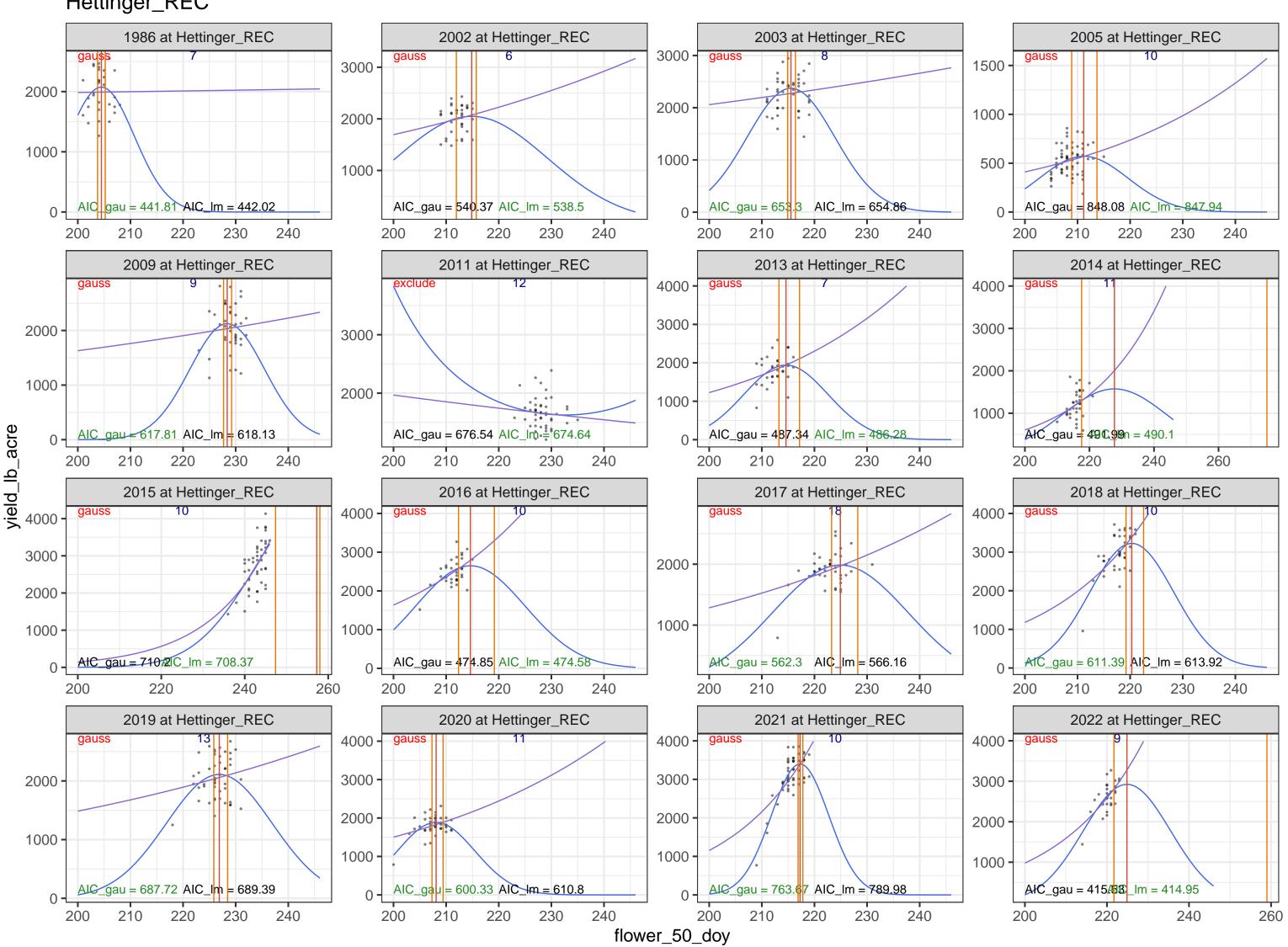
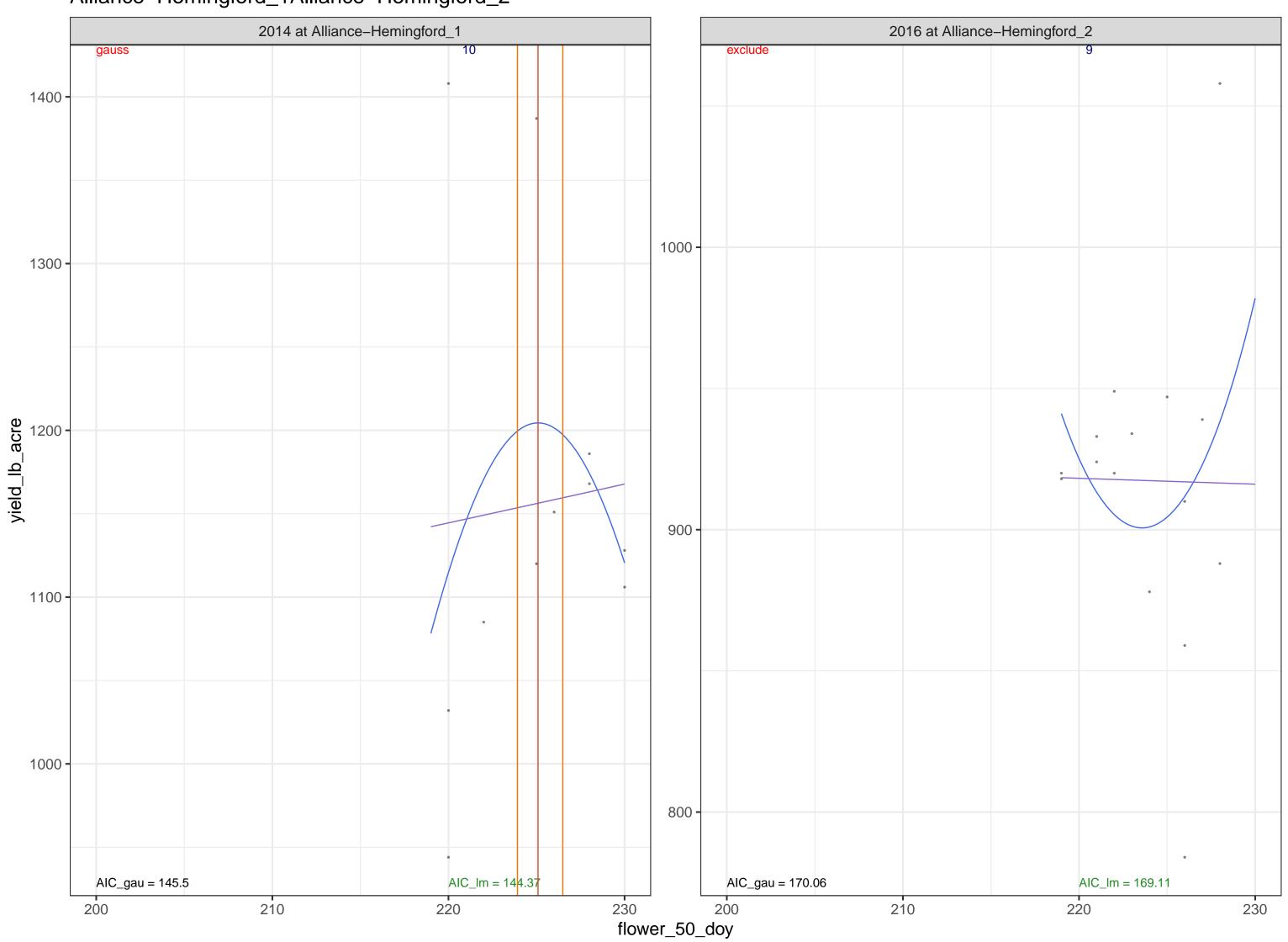
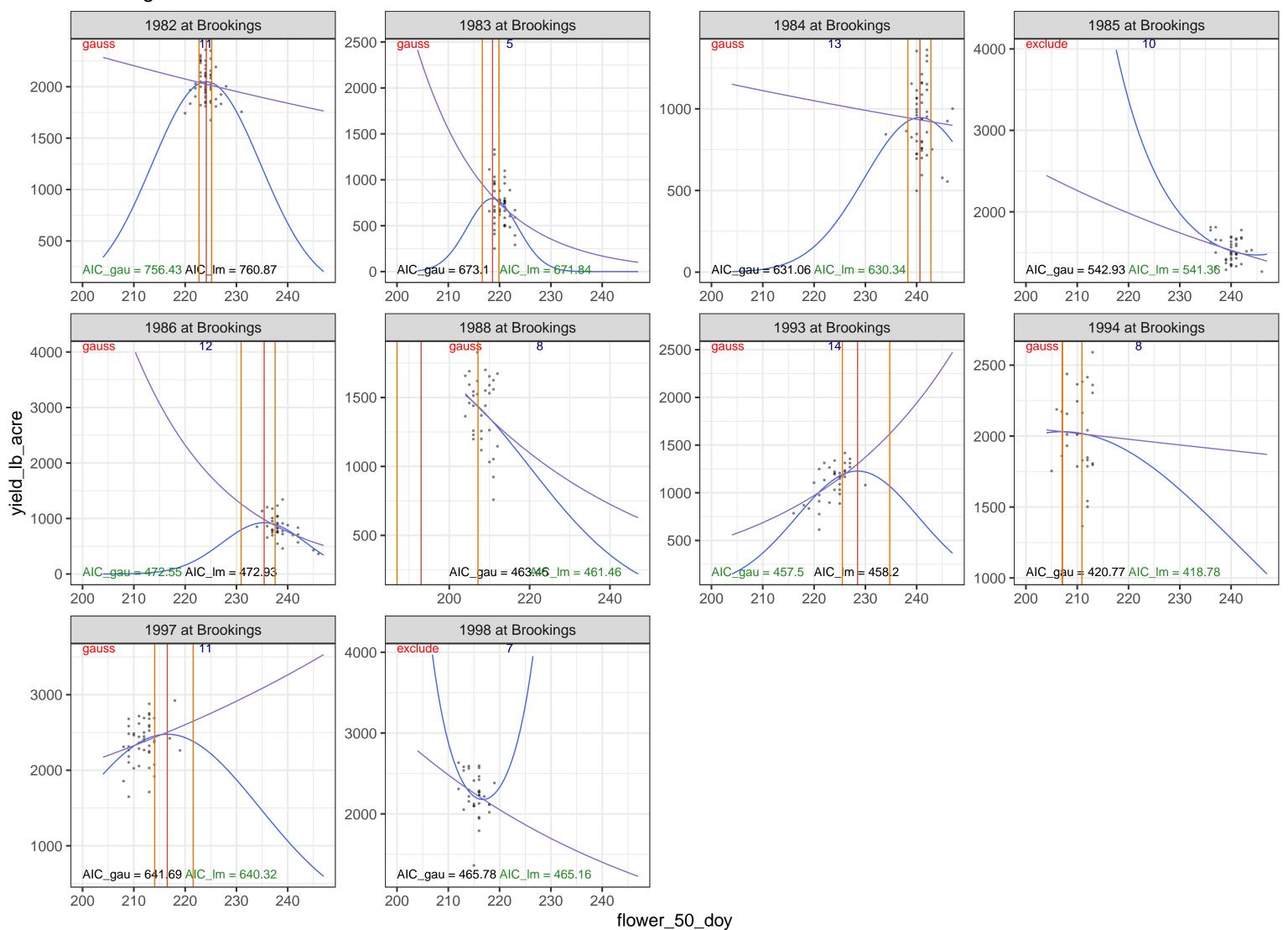
Hettinger_REC



Alliance-Hemingford_1Alliance-Hemingford_2



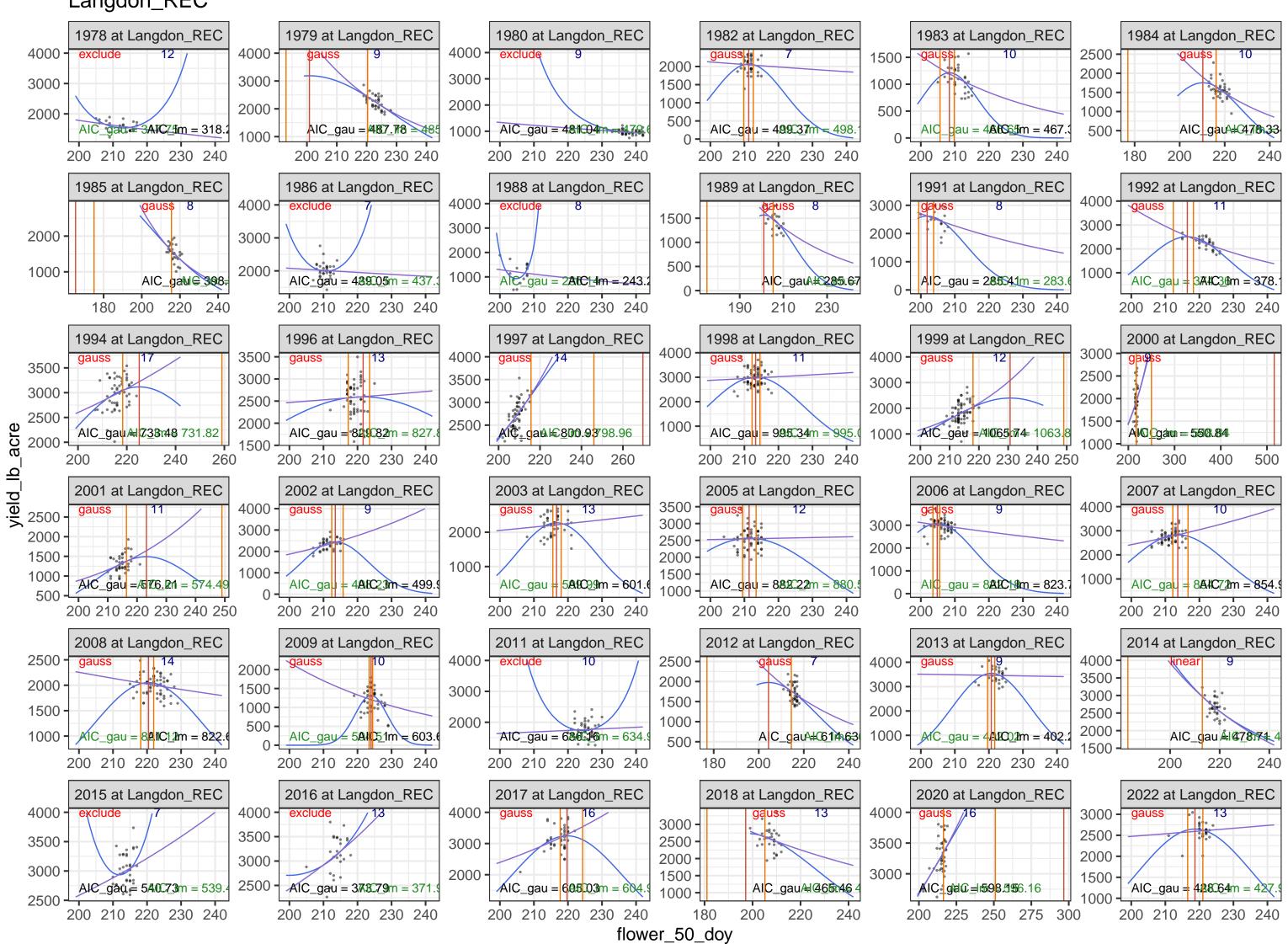
Brookings



Casselton_ASFCasselton_1 1982 at Casselton_1 1987 at Casselton_ASF 1990 at Casselton_ASF 1992 at Casselton_ASF 1993 at Casselton_ASF 2000 -1000 -ÅlC_gau = 748.29IC_lm = 746.75 AIC_gau = 832 AIC_gau = 390.75 AIC_lm = AIC gau = 5AJ83 lm = 52.5 $AIC_{lm} = 83$ $AIC_{gau} = 955.38$ AIC Irn = 200 210 220 230 240 250 1994 at Casselton_ASF 1997 at Casselton_ASF 1995 at Casselton_ASF 1996 at Casselton_ASF 1998 at Casselton_ASF 4000 -4000 -3000 -AIC_gau = 1543/45lm = 1541.48 AIC _gau = 1667.95 AIC_lm = 16 AIC_gau = 1394.96 AIC_lm = 13 AIC_gau = 1912.02 | AIC_lm = 19 $AIC_gau = 1549.1 \text{fm} = 1549.05$ 200 210 220 230 240 250 200 210 220 230 240 2003 at Casselton_ASF 1999 at Casselton_ASF 2000 at Casselton_ASF 2001 at Casselton_ASF 2002 at Casselton_ASF 4000 -a 3000 3000 yield_lb_ 2000 -AIC gau = 94/105 lm = 946.17 AIC_gau = 1281.52 AIC_lm = 12 AIGalm=19942066 **AIC_gau = 8₹1**€41m = 869.89 $AIC_gau = 123926Bn = 1239.03$ 200 210 220 230 240 250 200 210 220 230 240 250 2006 at Casselton_ASF 2004 at Casselton_ASF 2005 at Casselton_ASF 2007 at Casselton_ASF 2008 at Casselton_ASF gauss 1000 -2000 - $1066.21 \text{ AIC_im} = 10$ AIC_gau = 1373.54 AIC_lm = 13 AIC Im AIC_gau = 1164.44 $AIC_{lm} = 1$ AtC_gau = 1904.86 AIC | Im = 19 $AIC_{qau} = 1437$ 2009 at Casselton_ASF 2010 at Casselton_ASF

flower_50_doy

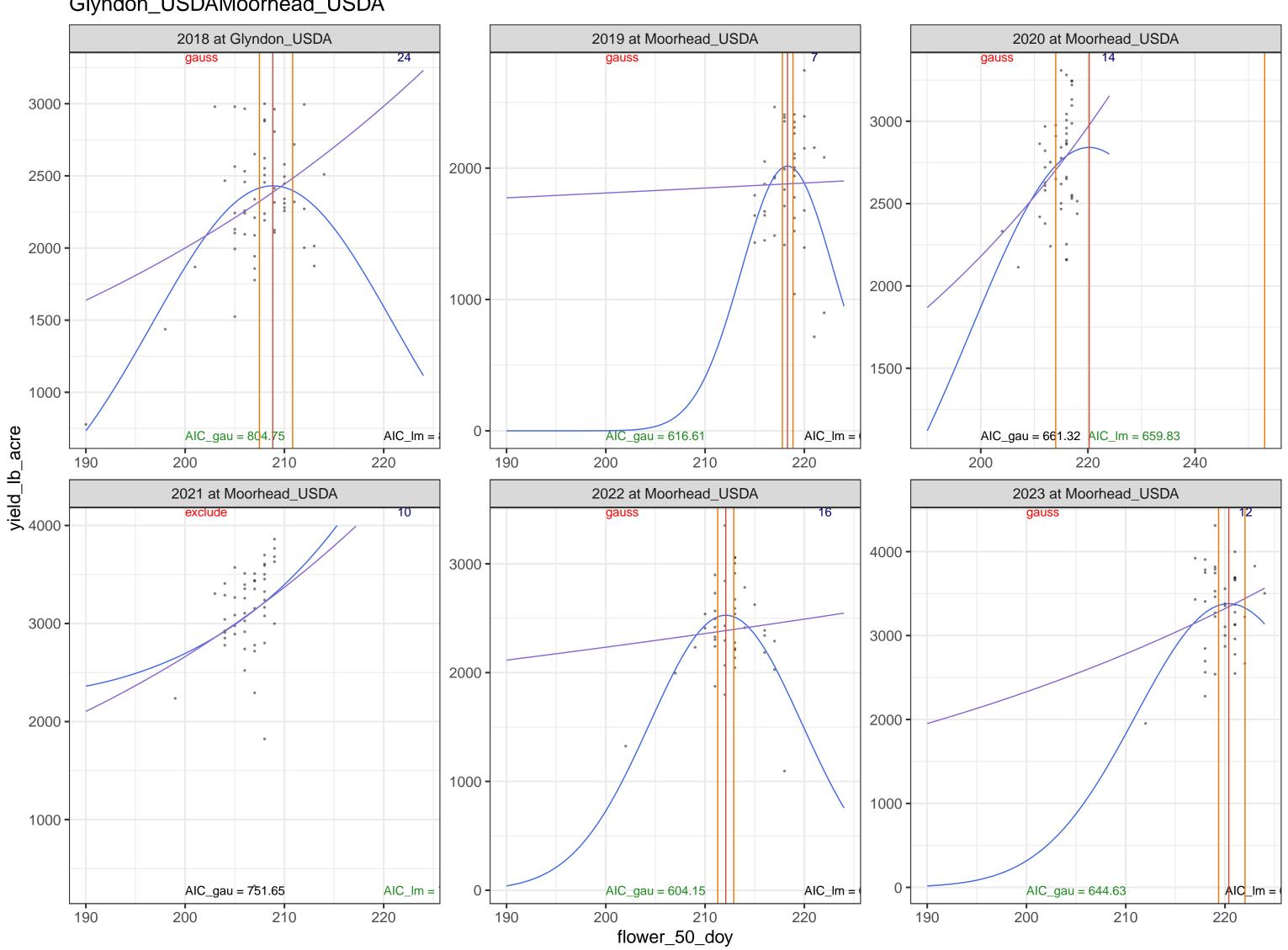
Langdon_REC



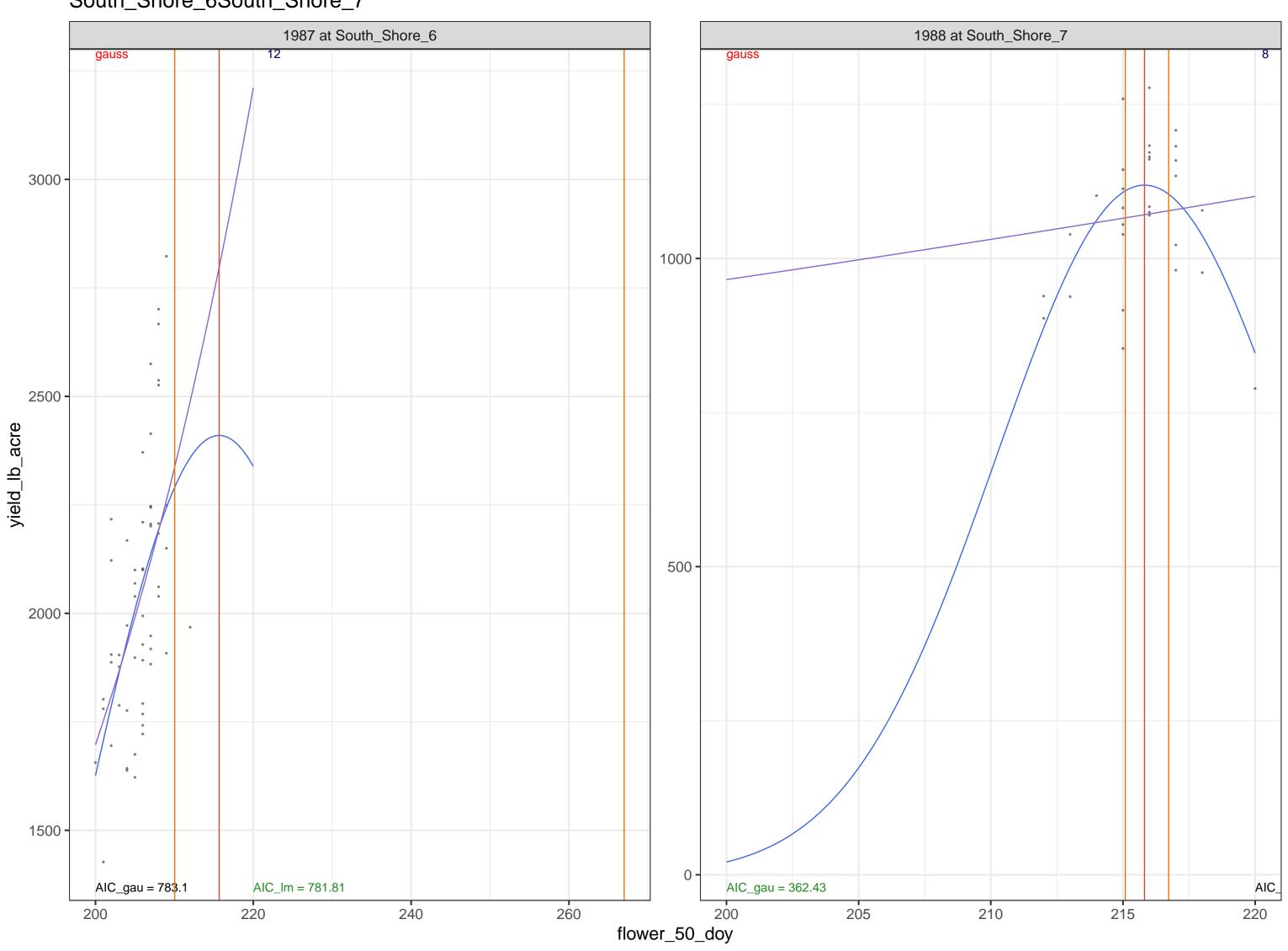
Cheyenne_HPAL 1988 at Cheyenne_HPAL 1992 at Cheyenne_HPAL 1989 at Cheyenne_HPAL 1990 at Cheyenne_HPAL 1991 at Cheyenne_HPAL 4000 1300 -1400 -900 1200 1200 2500 3000 1000 600 -1100 800 2000 1000 2000 -300 600 900 -AIC_gau = 311.86 AIC_gau = 288 98 Im = 287.05 AIC_gau = 474KO Im = 474.77 $AIC_gau = 405 \times 1004 \text{ lm} = 403.15$ AIC_gau = 342AlC4_lm = 344.05 1500 1000 400 200 210 220 230 240 250 240 200 210 220 230 240 250 200 210 220 230 240 200 210 220 230 240 250 200 220 250 1993 at Cheyenne_HPAL 1994 at Cheyenne_HPAL 1995 at Cheyenne_HPAL 1996 at Cheyenne_HPAL 1997 at Cheyenne_HPAL 1500 2250 4000 4000 - linear 2500 2000 1250 3000 3000 2000 -1750 1000 2000 1500 2000 1500 750 1000 -1250 1000 -AIC_gau = 54 AIC6_lm = 548 71 1000 - $AIC_gau = 769 \ 90 \ lm' = 767.94$ AIC_gau = 839\10_411 = 838.89 AIC_gau = 897A63 lm = 896.45 AIC_gau = 790\66_lm = 788.76 500 1000 200 210 220 230 240 250 200 210 220 230 240 250 200 210 220 230 240 200 210 220 230 240 250 250 200 210 220 230 240 250 1998 at Cheyenne_HPAL 1999 at Cheyenne_HPAL 2002 at Cheyenne_HPAL 2001 at Cheyenne_HPAL 2000 at Cheyenne_HPAL yield lb acre 1400 1200 4000 -2500 2000 750 3500 2000 1500 3000 -500 1500 1000 2500 -1200 -250 1000 500 2000 -AIC_gau = 443.83 m = 441.85 AIC_gau = 3011/103_lm = 300.42 AIC_gau = 859.96 in = 858.9 AIC_gau = 767/Q44 m = 765.47 AIC_gau = 478 IC Im = 476.29 500 200 210 220 230 240 250 200 210 220 230 240 250 200 210 220 230 240 250 200 210 220 230 240 250 200 210 220 230 240 250 2006 at Cheyenne_HPAL 2007 at Cheyenne_HPAL 2008 at Cheyenne_HPAL 2009 at Cheyenne_HPAL 2010 at Cheyenne_HPAL 3000 4000 2500 -1500 2000 3000 2000 2000 1000 2000 1500 1000 1000 500 1000 -1000 - $AIC_{gau} = 24 \& 8m = 250.25$ $AIC_gau = 299 MC_lrn = 297.3$ AIC_gau = 350 IC4_lm = 349.42 $AIC_gau = 264 07_lm = 263.96$ AIC gau = 34AKB In 200 210 220 230 240 250 200 210 220 230 240 210 220 230 240 190 200 210 220 230 240 250 210 220 230 240 250 2015 at Cheyenne_HPAL 2016 at Cheyenne_HPAL 4000 900 3000 600 2000 -300 1000 -AIC_gau = 53AIC_lm = 53.72 $AIC_gau = 2011/3 \text{ Im} = 200.99$ 210 220 230 240 210 220 230 240

flower_50_doy

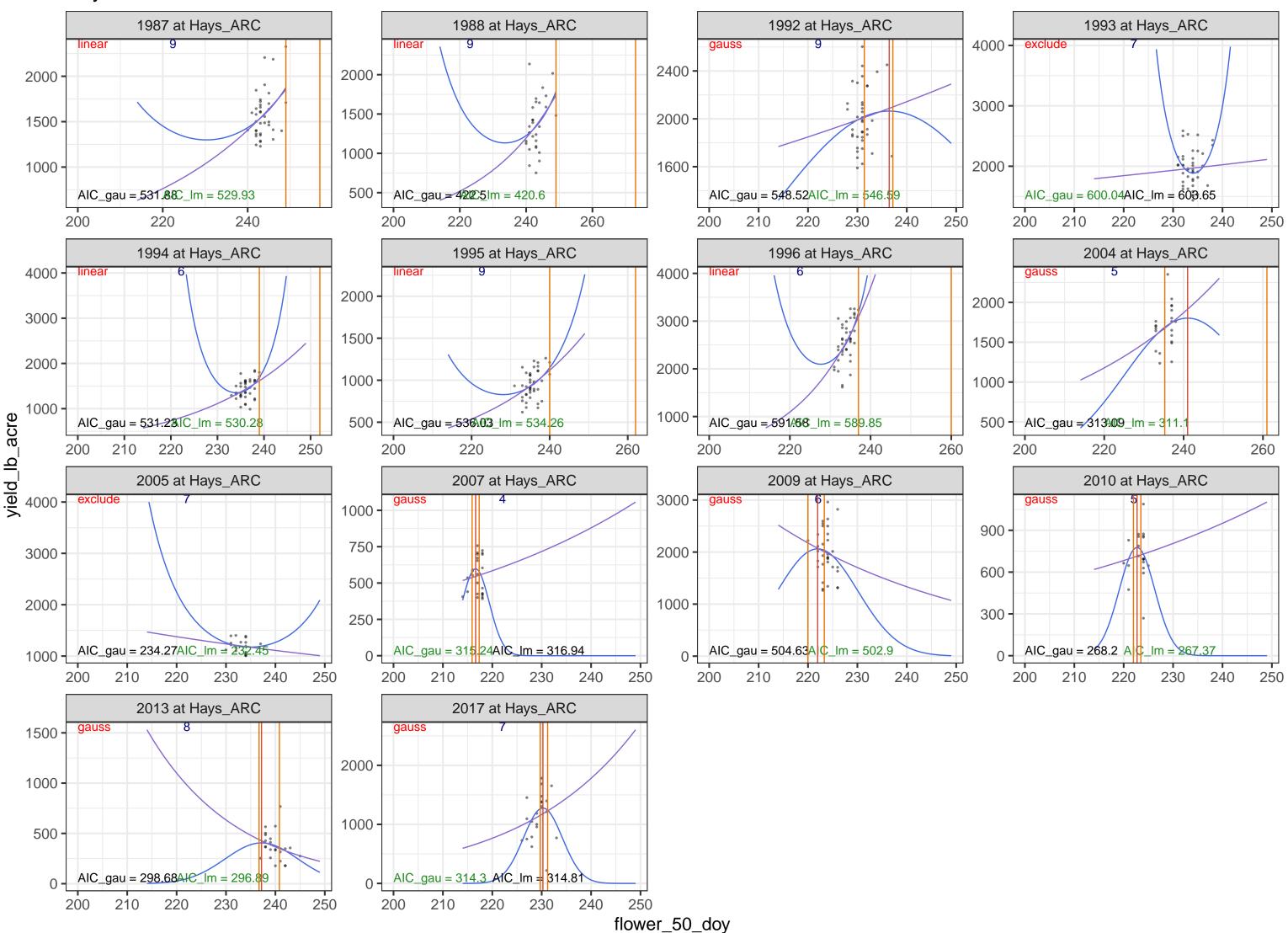
Glyndon_USDAMoorhead_USDA



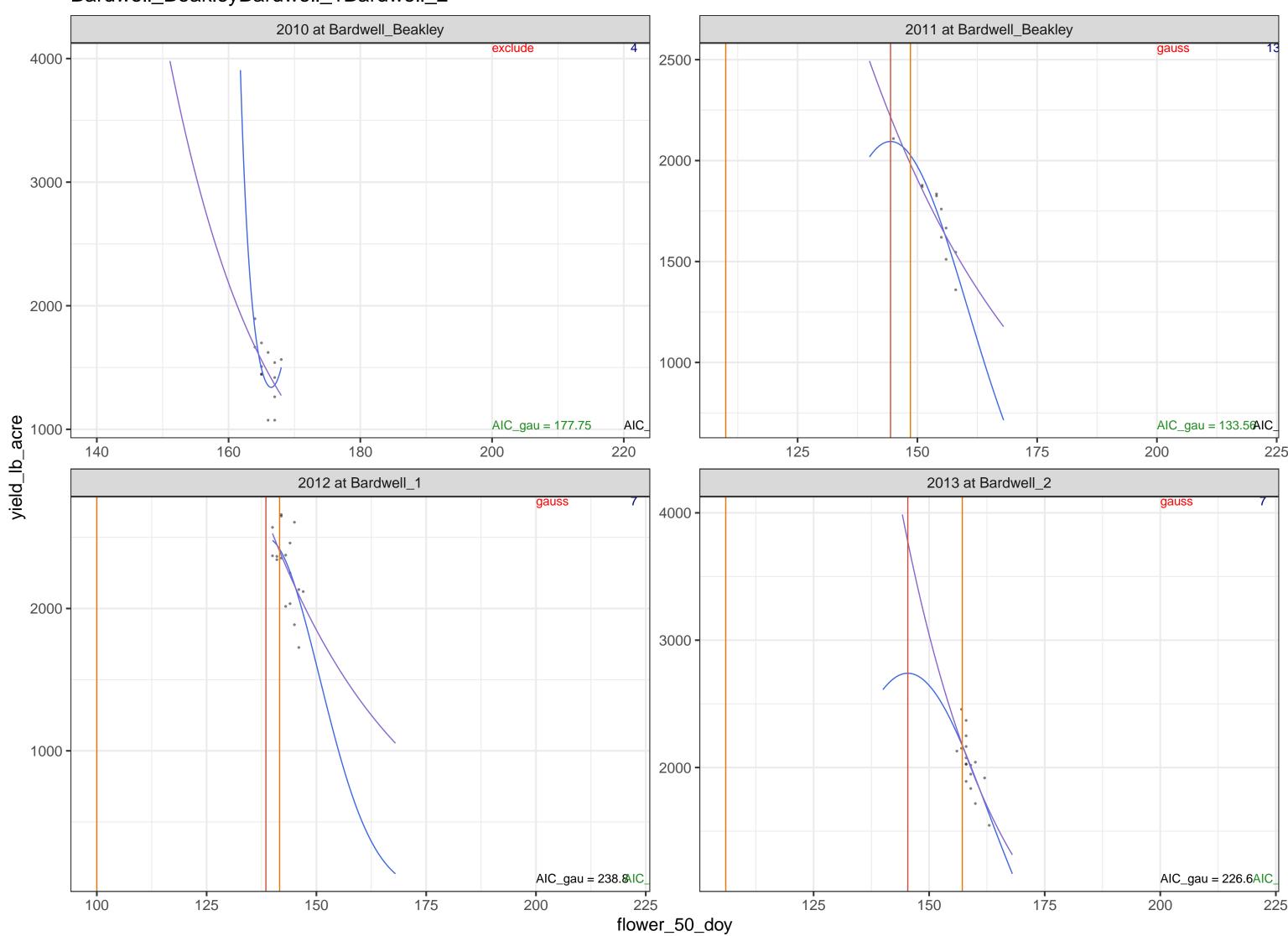
South_Shore_6South_Shore_7



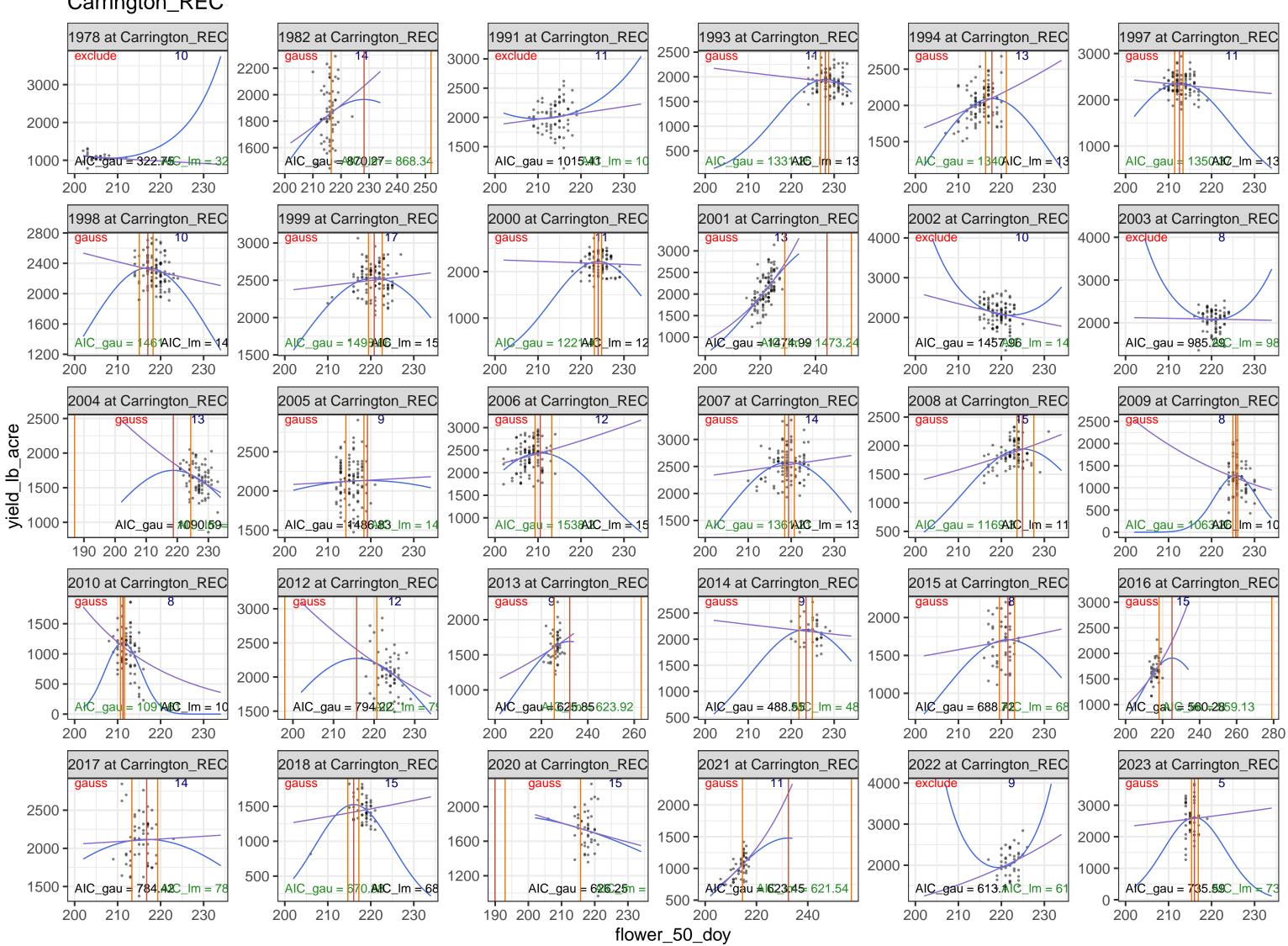
Hays_ARC



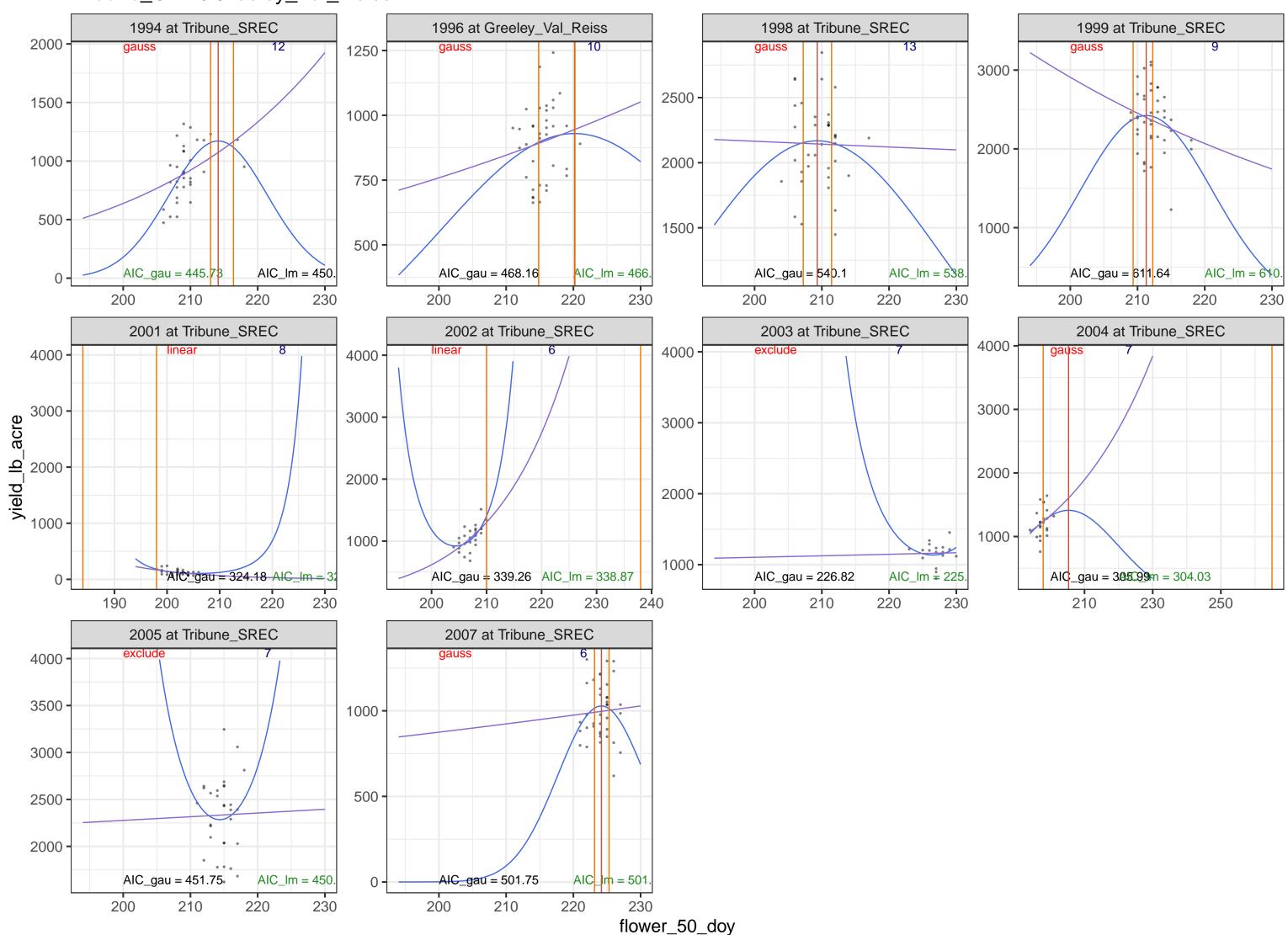
Bardwell_BeakleyBardwell_1Bardwell_2



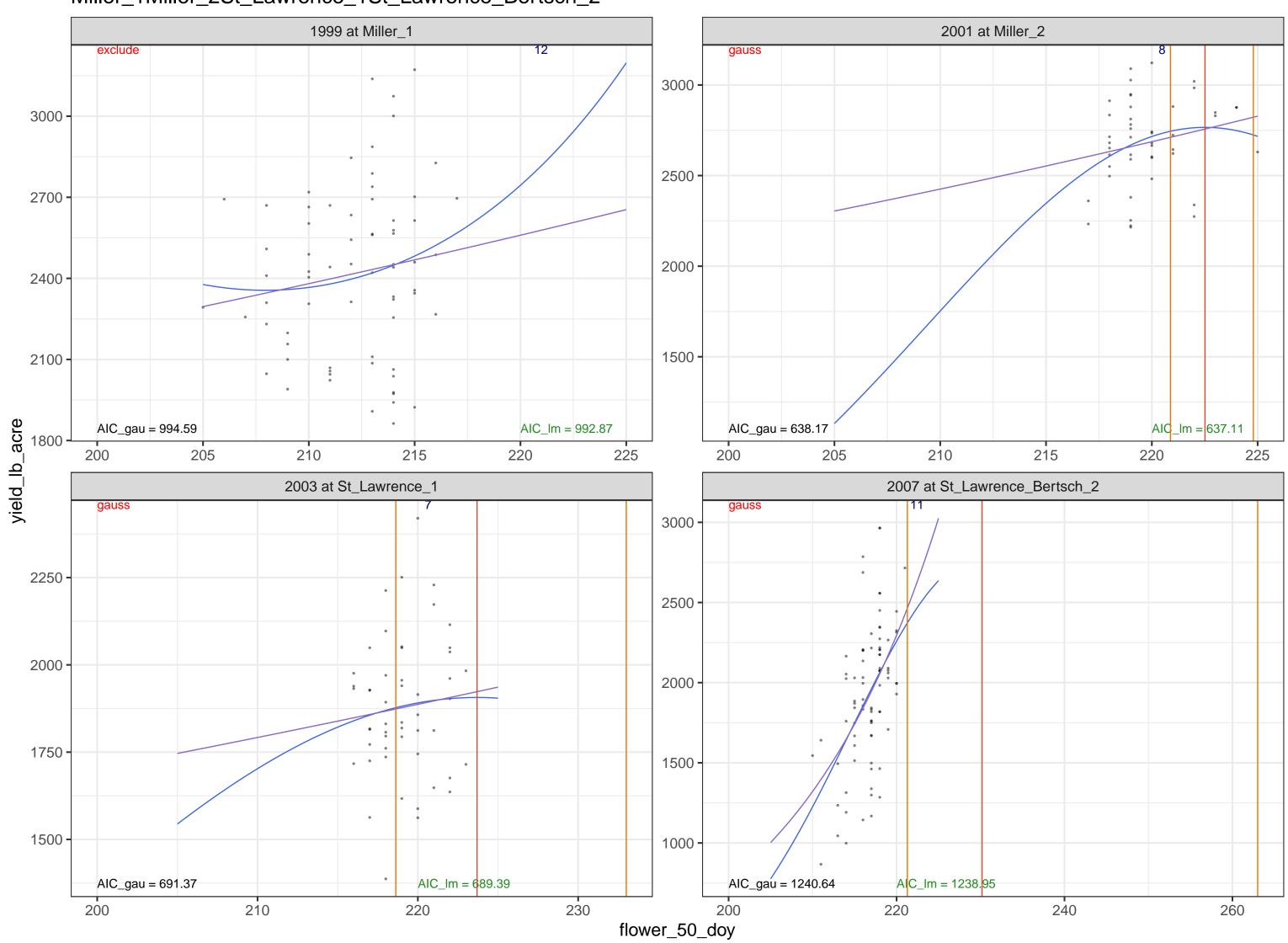
Carrington_REC



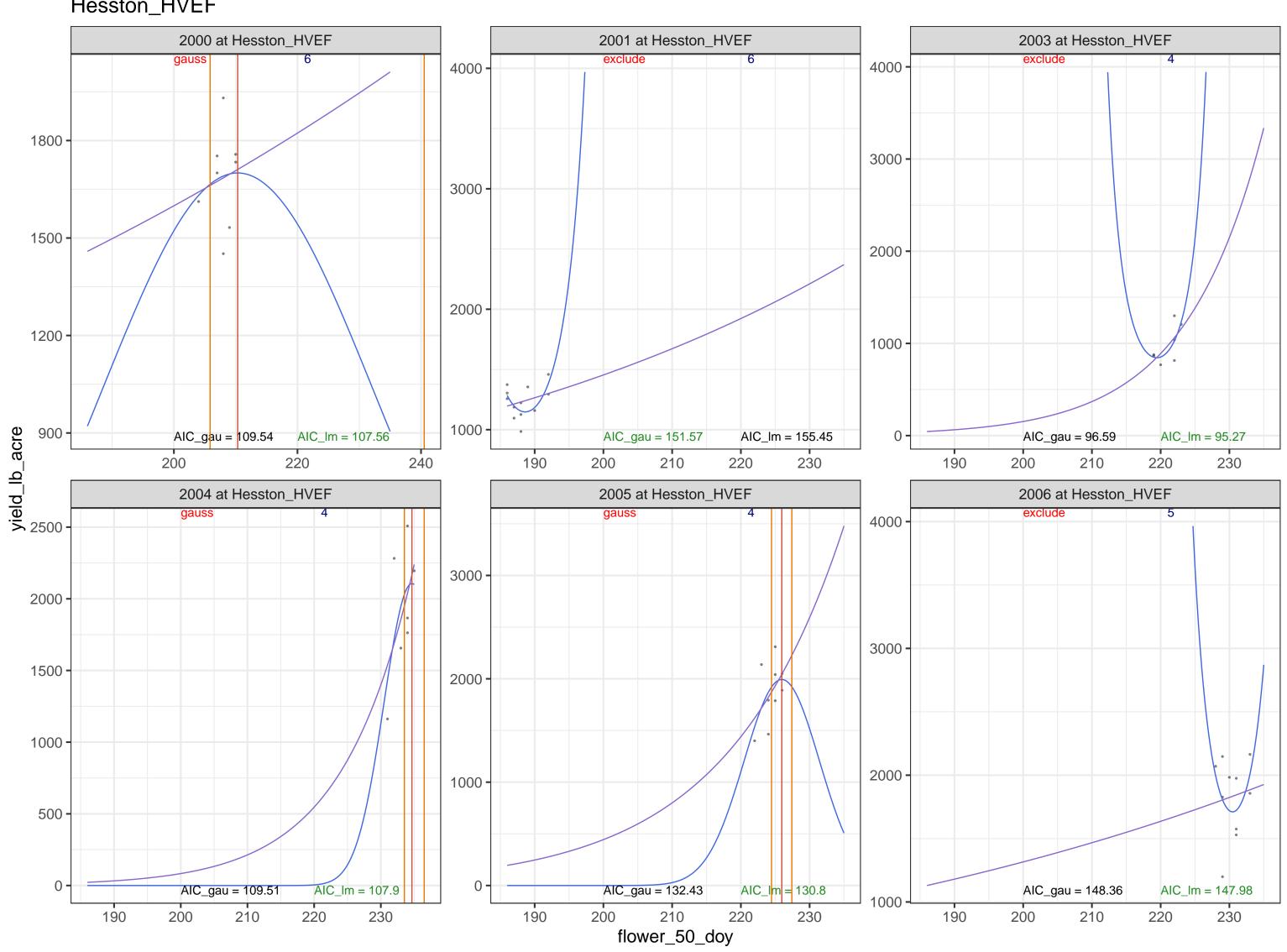
Tribune_SRECGreeley_Val_Reiss



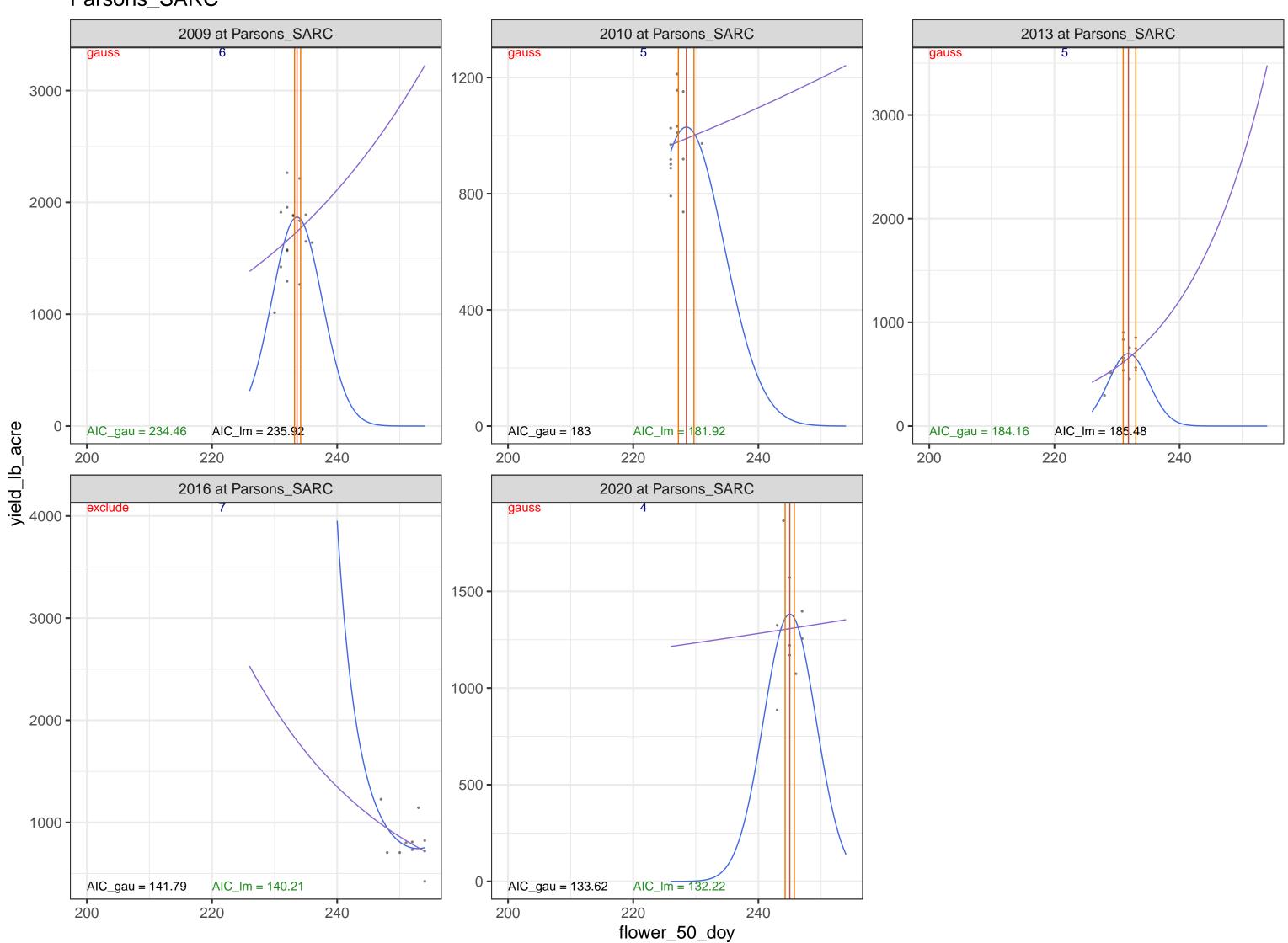
Miller_1Miller_2St_Lawrence_1St_Lawrence_Bertsch_2



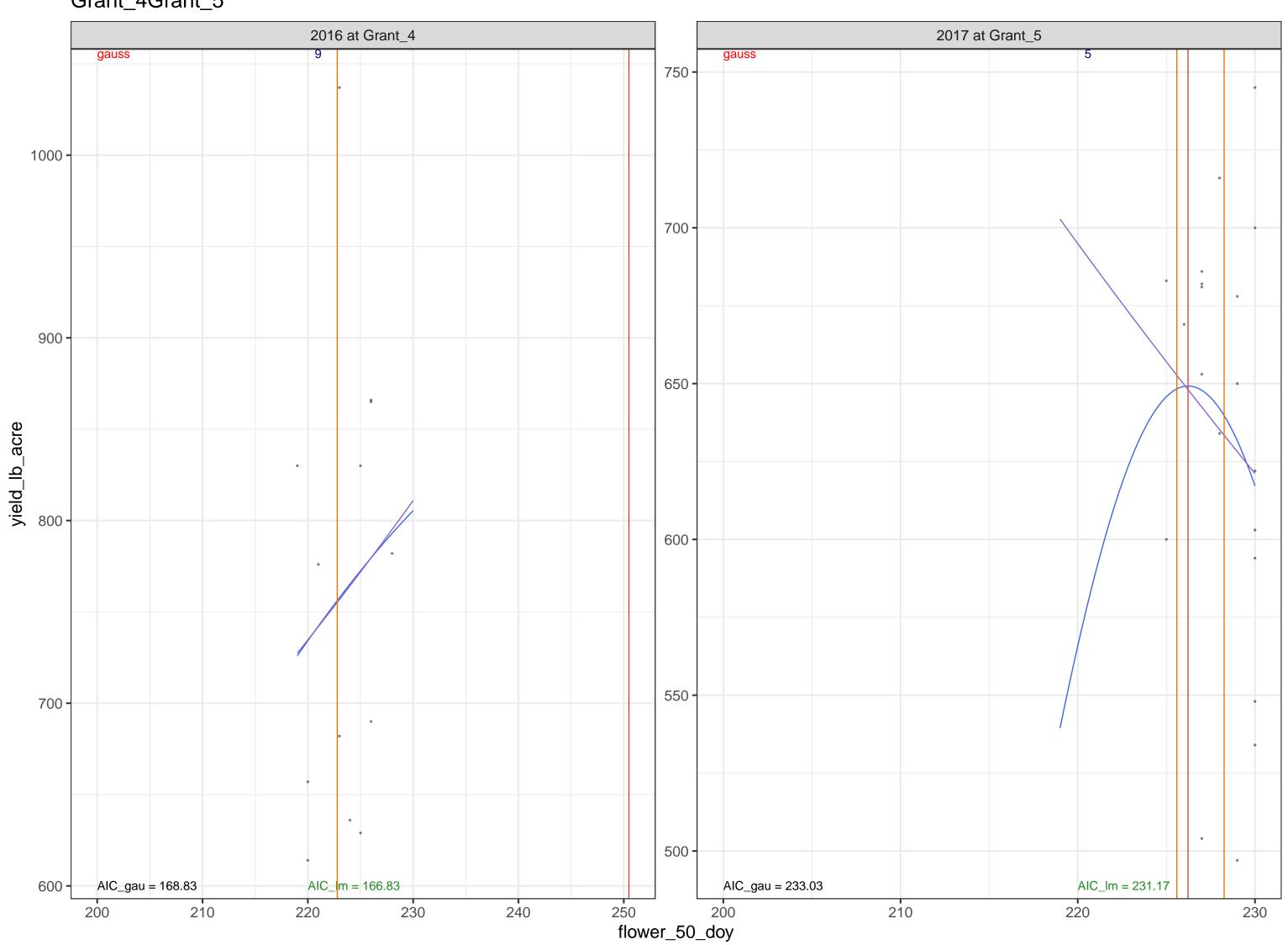
Hesston_HVEF



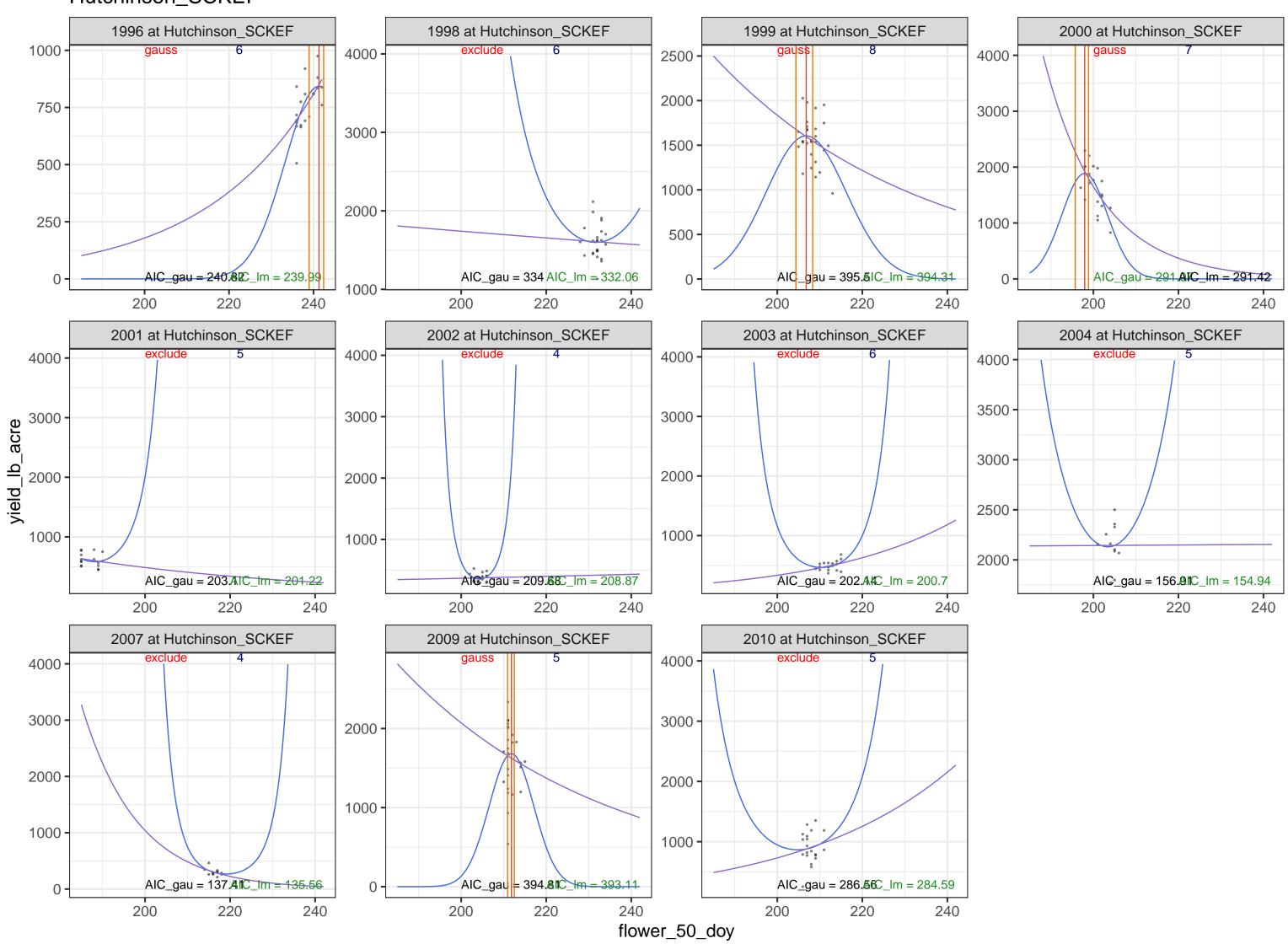
Parsons_SARC



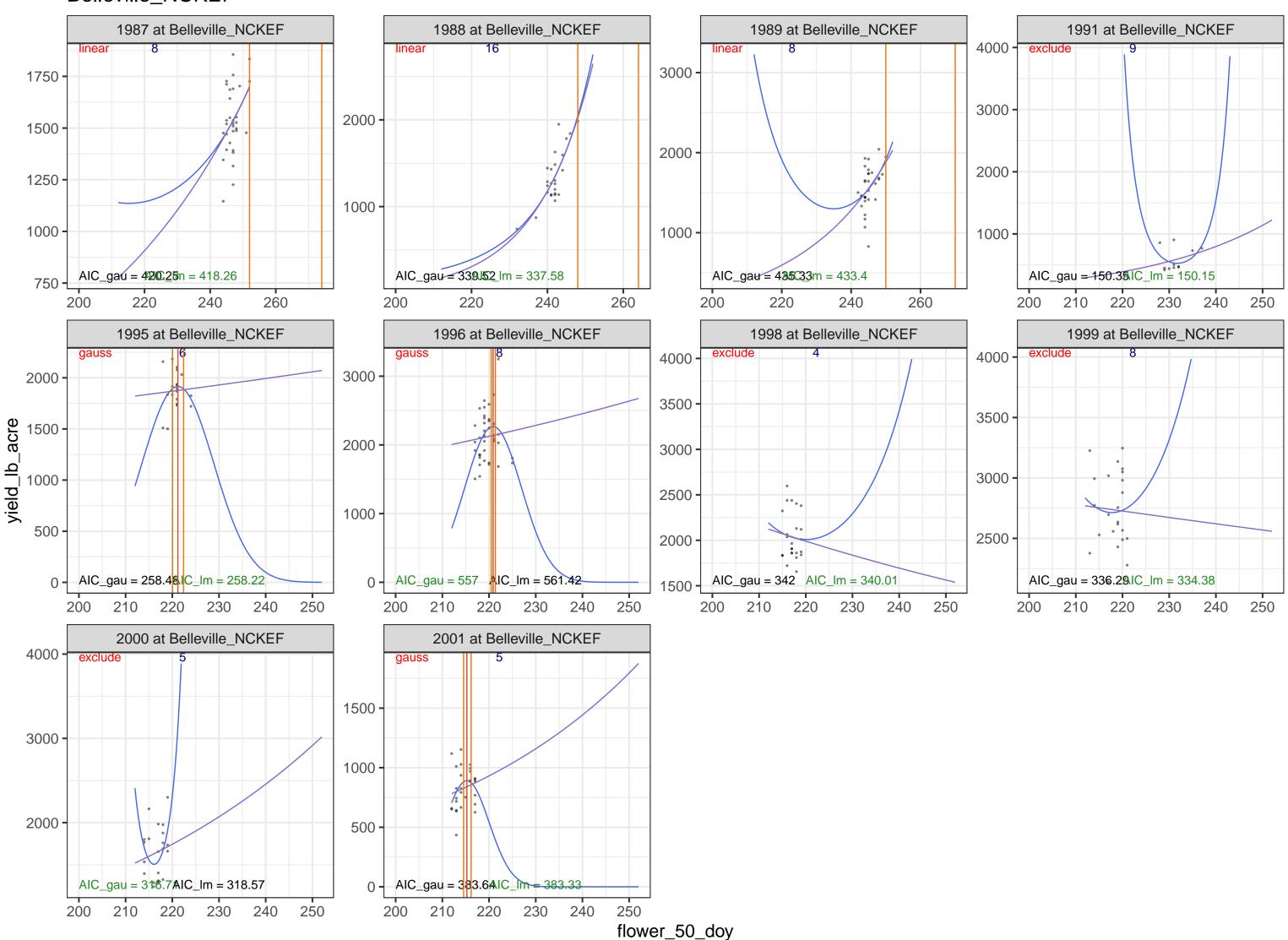
Grant_4Grant_5



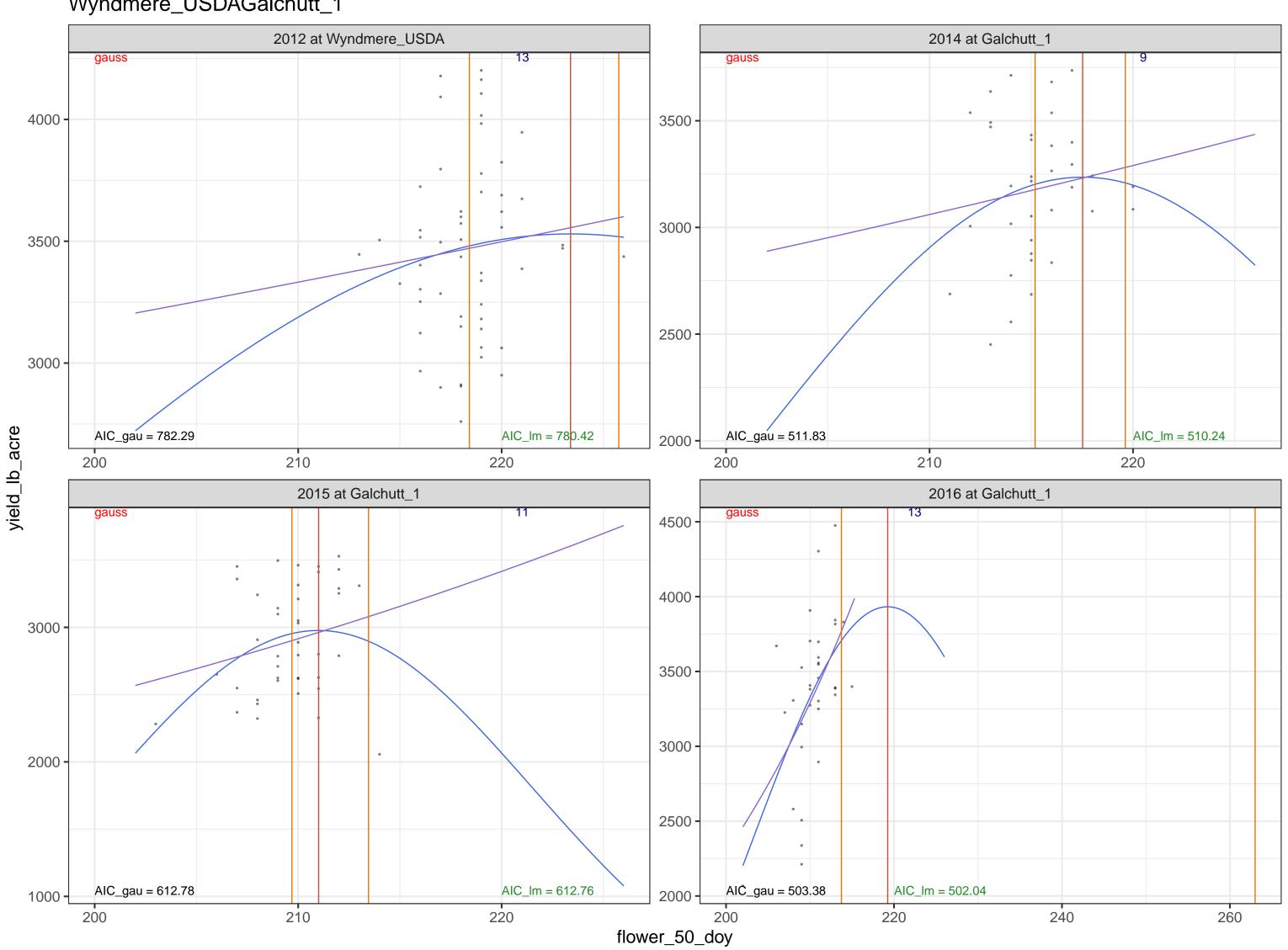
Hutchinson_SCKEF



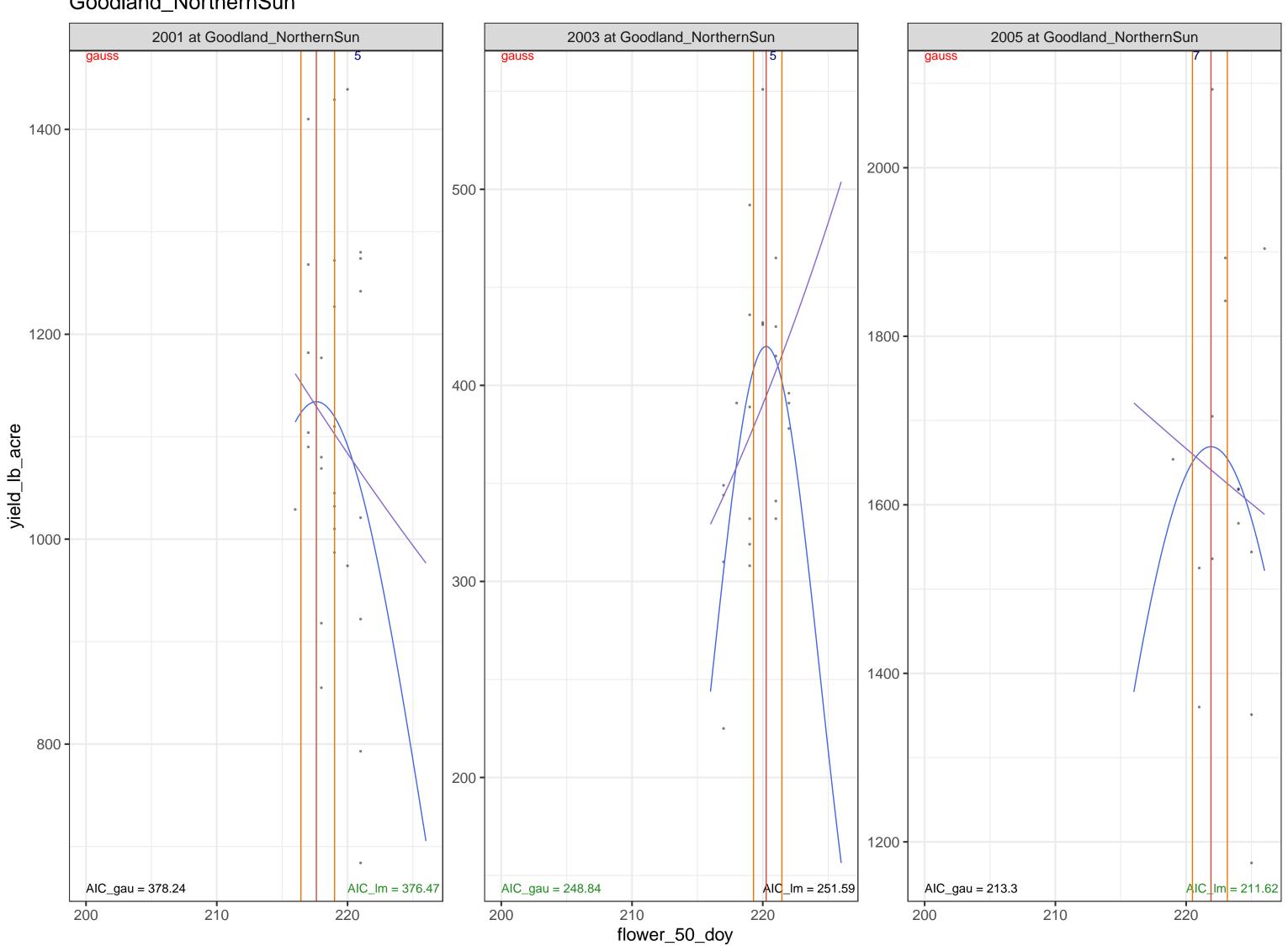
Belleville_NCKEF



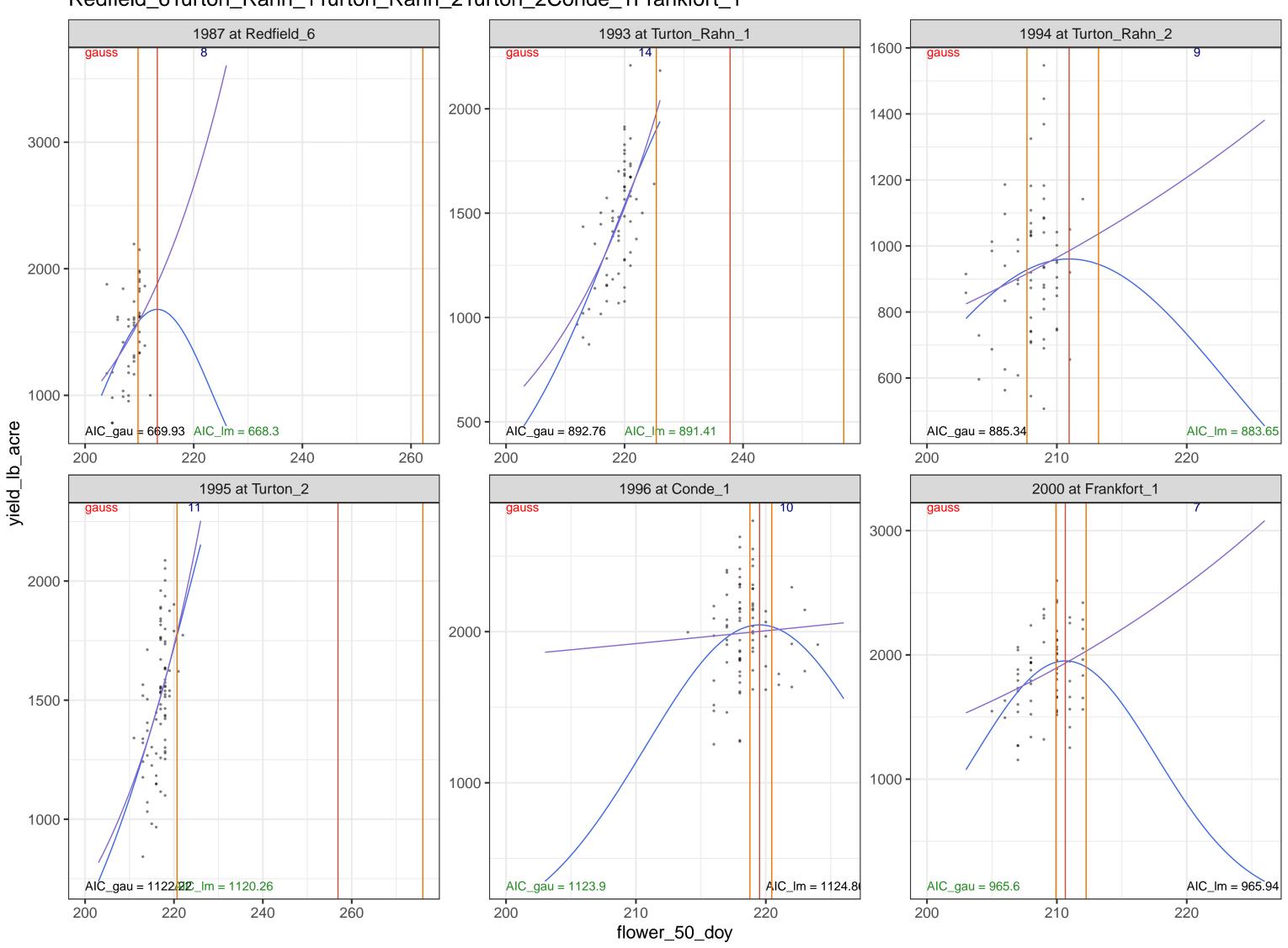
Wyndmere_USDAGalchutt_1



Goodland_NorthernSun



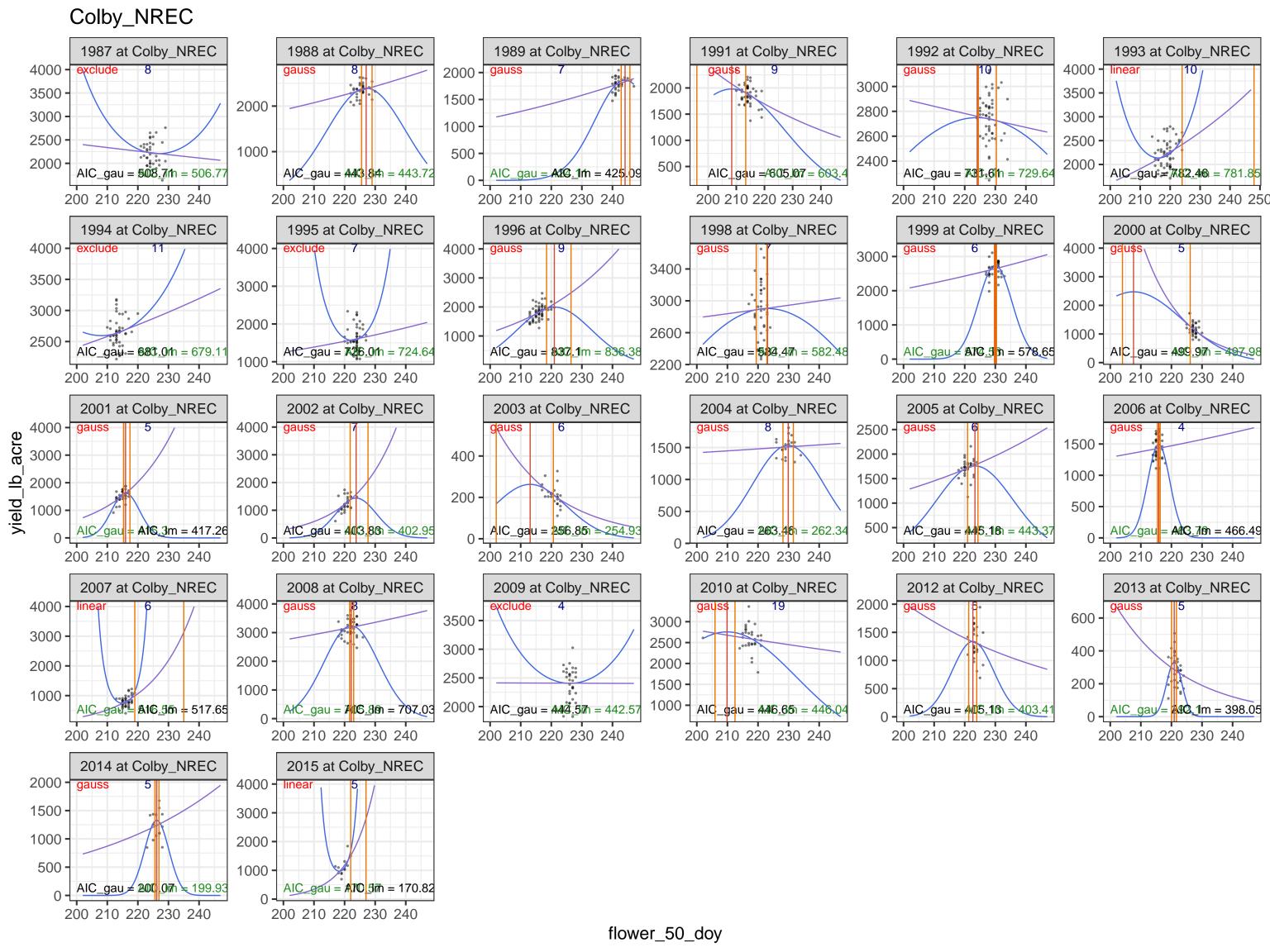
Redfield_6Turton_Rahn_1Turton_Rahn_2Turton_2Conde_1Frankfort_1



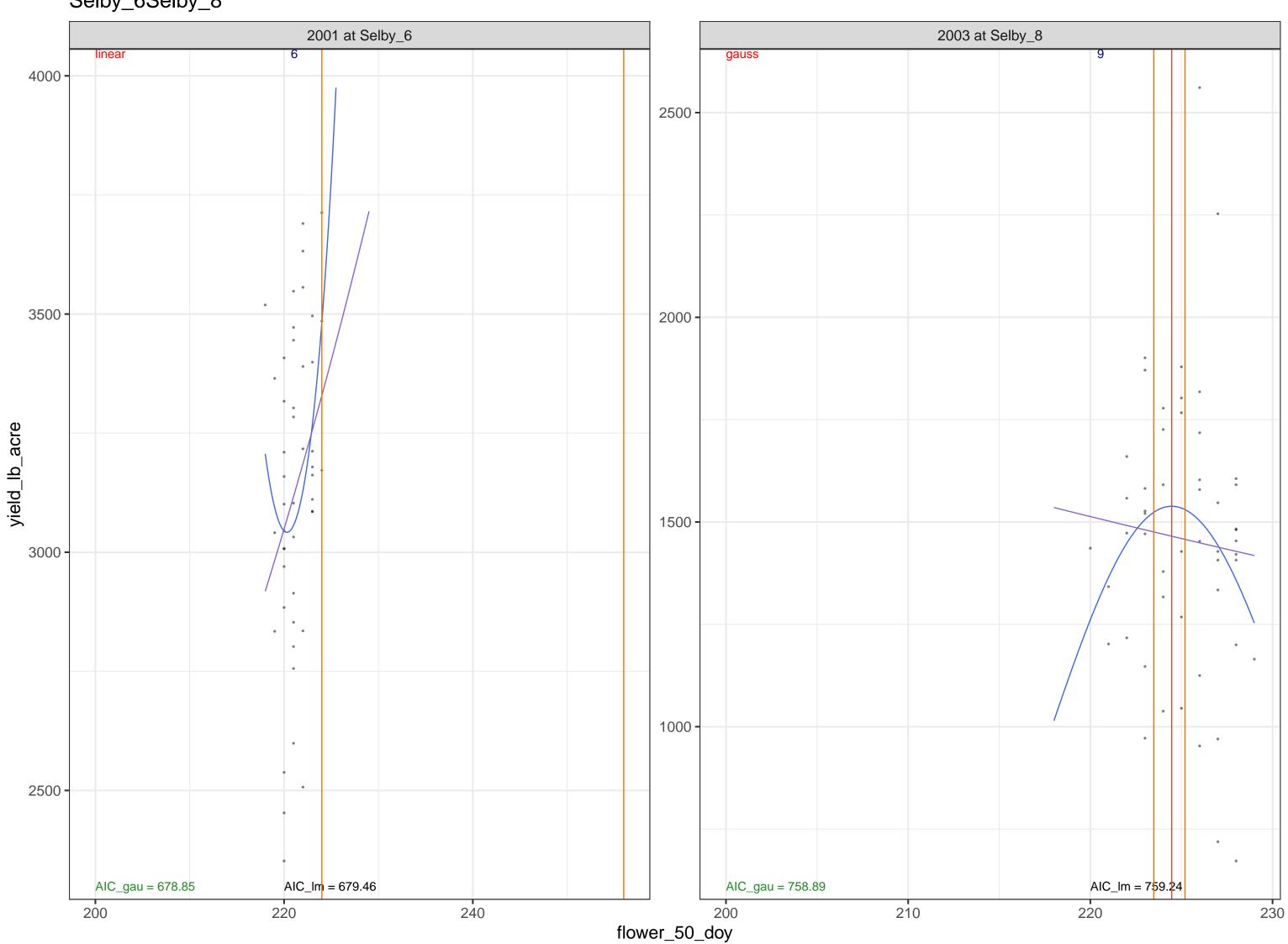
Onida_7Onida_10Onida_11Onida_13Onida_3Onida_18Onida_4Onida_Huse_1Onida_Huse_2Onida_12Onida_6 2001 at Onida_18 1992 at Onida_3 2003 at Onida_4 2004 at Onida_Huse_1 3000 -3000 -1000 - $AIC_{lm} = 466.29$ AIC_gau = 467.66 AIC_gau = 679.64 $A C_{lm} = 680.72$ AIC_gau = 726.11 AIC_Im = 724.3 AIC_gau = 859.36 $AIC_{m} = 862.22$ 2005 at Onida_Huse_2 2008 at Onida_6 2009 at Onida_7 2012 at Onida_10 4000 -2000 -AlC_gau = 859.15 AIC_lm = 860.06 AIC_gau = 830.97 AIC_gau = 106.9044m = 1067.52 $AIC_{lm} = 734.74$ $AIC_{gau} = 729.63$ 1000 - $AIC_{lm} = 829.07$ 2013 at Onida_11 2014 at Onida_12 2015 at Onida_13 gauss 3000 -2000 -1000 - $AIC_{gau} = 752.61$

flower_50_doy

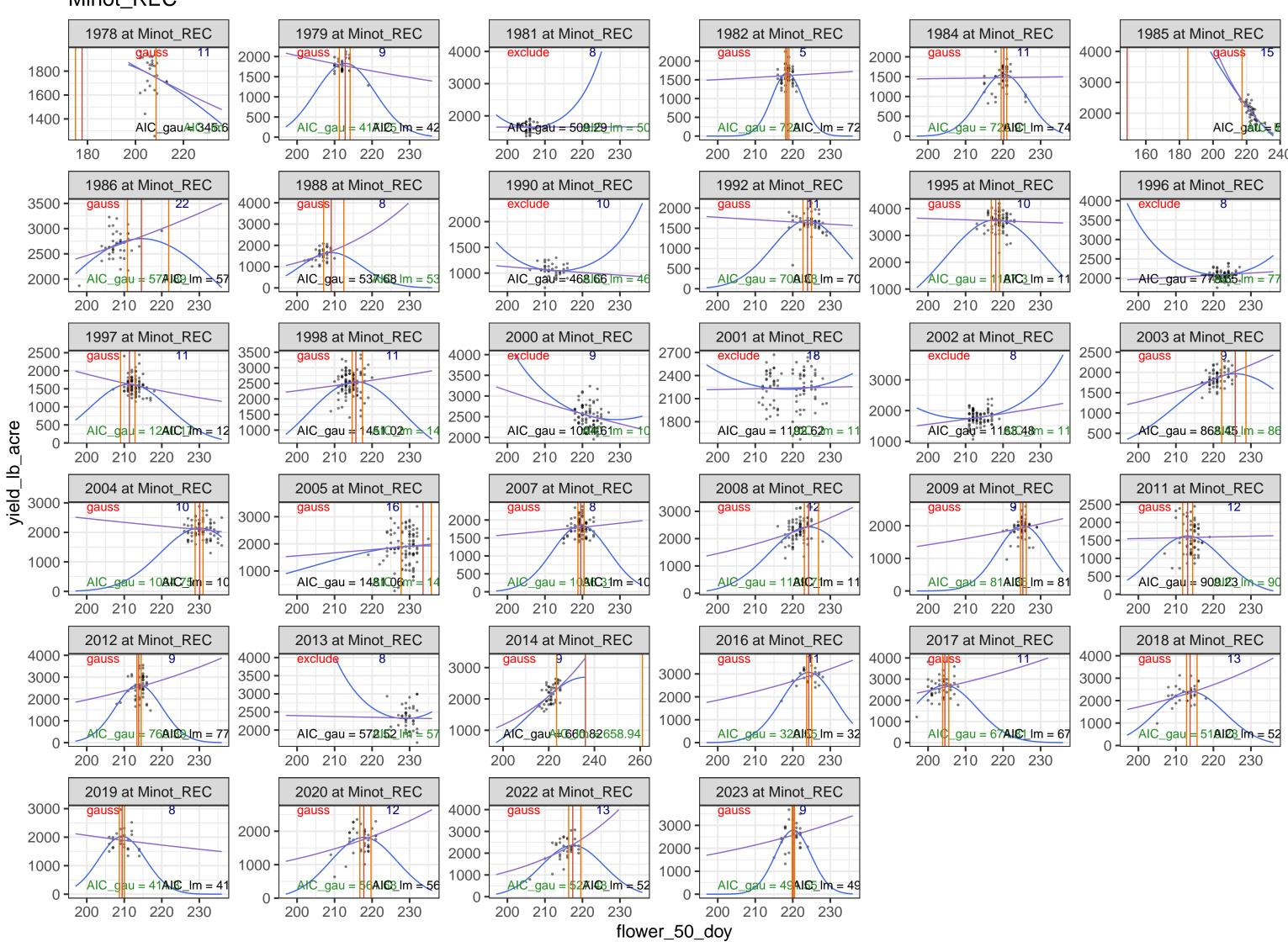
yield_lb_acre



Selby_6Selby_8



Minot_REC



Akron_CPER

