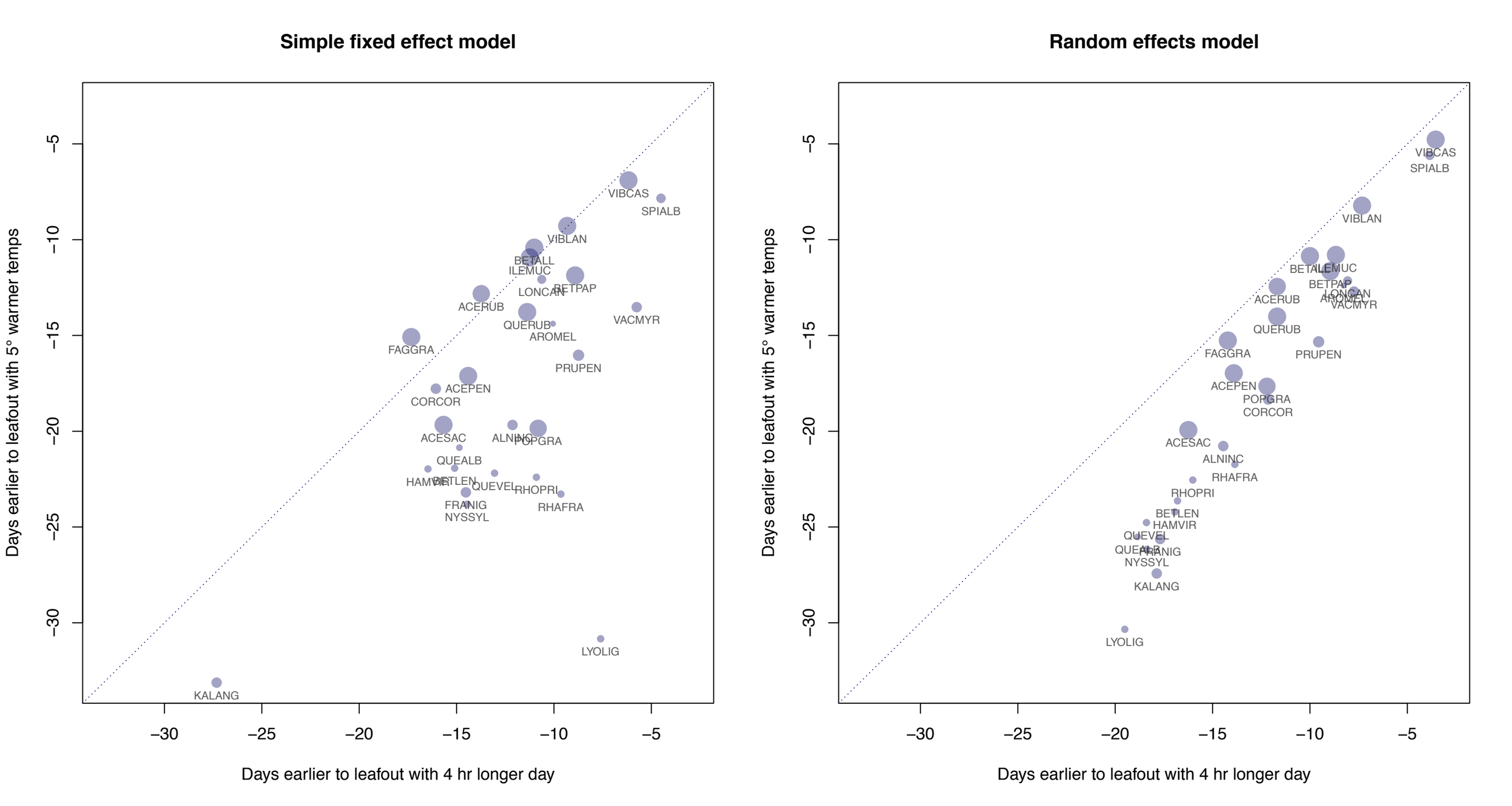
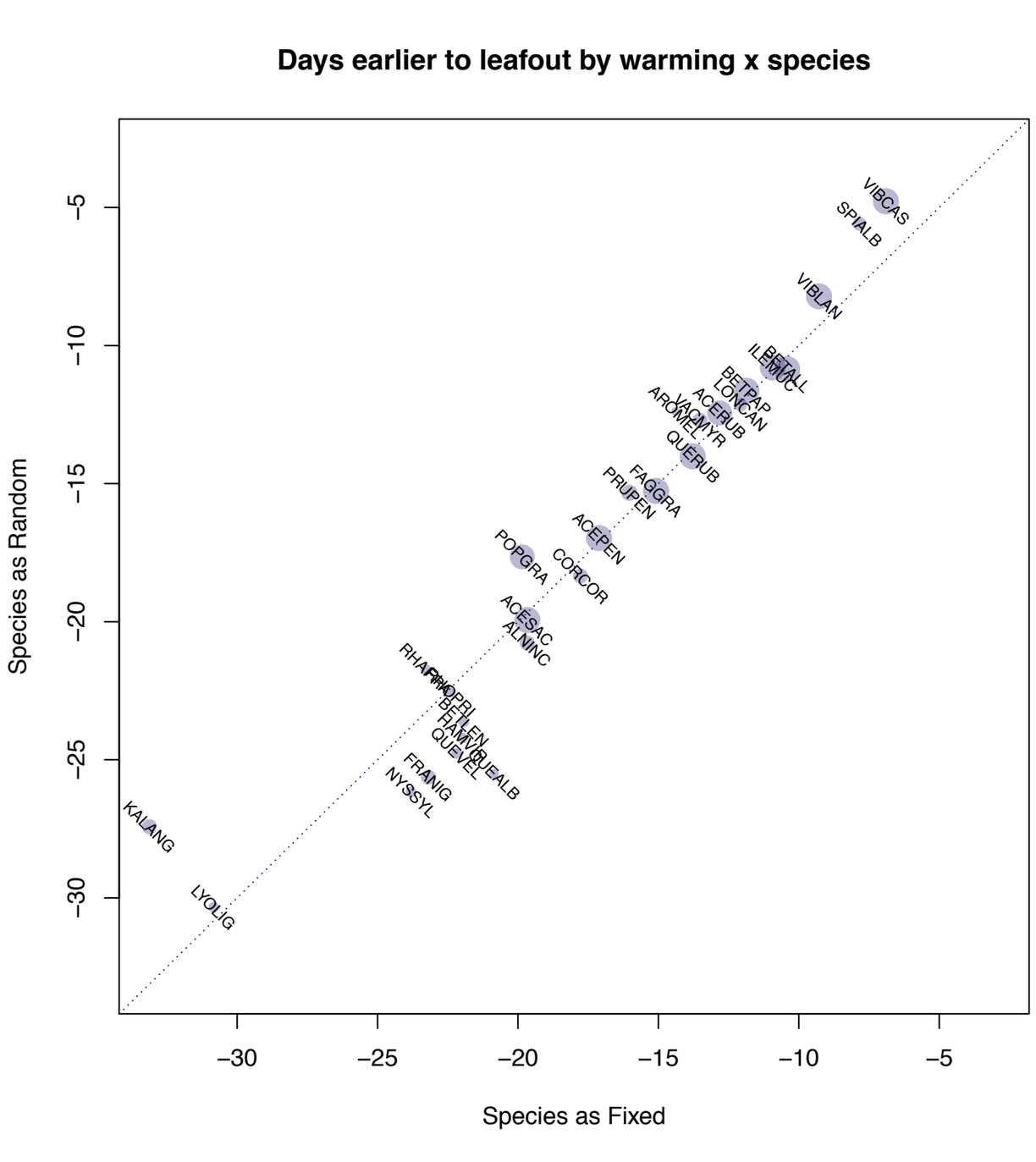
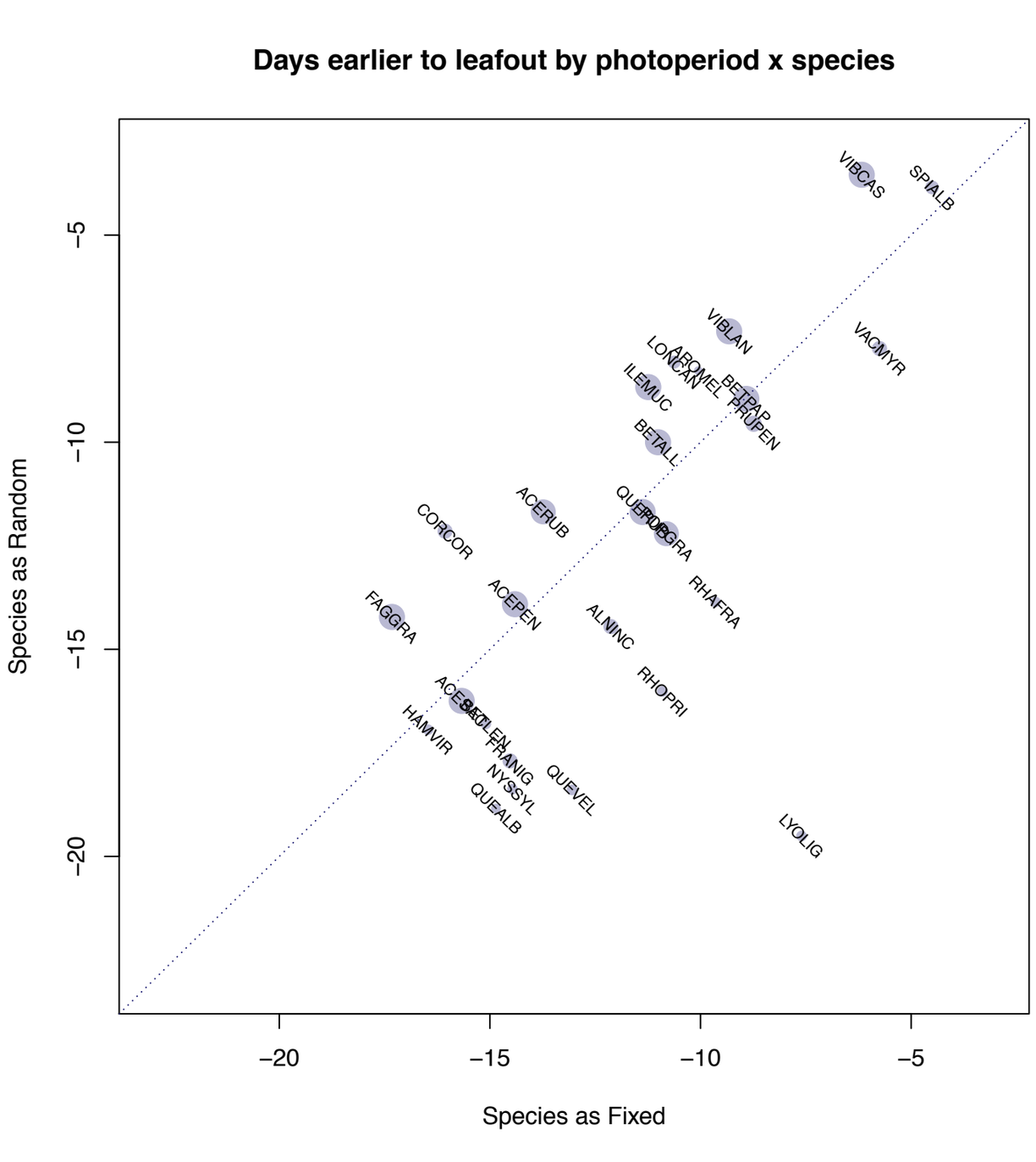

Simple fixed effect model
Random effects model
Days earlier to leafout with 5° warmer temps
Days earlier to leafout with 4 hr longer day
−5
−10
−15
−20
−25
−30
VIBCAS
SPIALB
VIBLAN
BETALL
ILEMUC
BETPAP
LONCAN
ACERUB
QUERUB
AROMEL
VACMYR
FAGGRA
PRUPEN
ACEPEN
CORCOR
ACESAC
ALNINC
POPGRA
QUEALB
HAMVIR
BETLEN
QUEVEL
RHOPRI
FRANIG
NYSSYL
RHAFRA
LYOLIG
KALANG


Days earlier to leafout by warming x species
Species as Random
Species as Fixed
−5
−10
−15
−20
−25
−30
VIBCAS
SPIALB
VIBLAN
ILEMUC
BETALL
BETPAP
LONCAN
ACERUB
AROMEL
VACMYR
QUERUB
FAGGRA
PRUPEN
ACEPEN
POPGRA
CORCOR
ACESAC
ALNINC
RHAFRA
RHOPRI
BETLEN
HAMVIR
QUEVEL
QUEALB
FRANIG
NYSSYL
KALANG
LYOLIG


Days earlier to leafout by photoperiod x species
Species as Random
Species as Fixed
−5
−10
−15
−20
VIBCAS
SPIALB
VIBLAN
VACMYR
LONCAN
AROMEL
BETPAP
PRUPEN
ILEMUC
BETALL
ACERUB
CORCOR
QUERUB
FAGGRA
RHAFRA
ACEPEN
ALNINC
RHOPRI
ACESAC
BETLEN
HAMVIR
FRANIG
NYSSYL
QUEVEL
QUEALB
LYOLIG