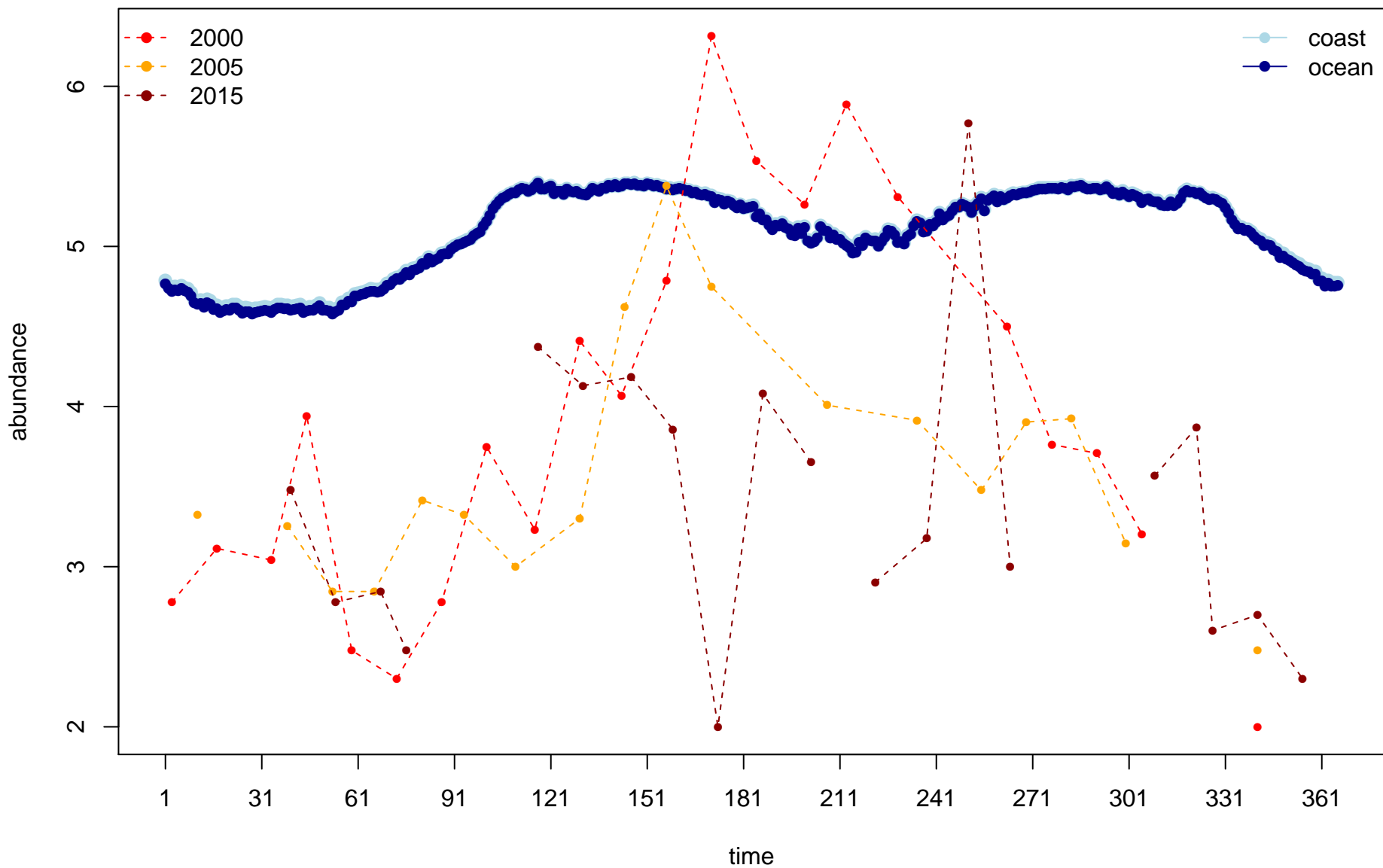


Mean abundance sim 5.1 obs 4.6

Mean amplitude sim 0.8 obs 3.3

Early bloom

## CHA

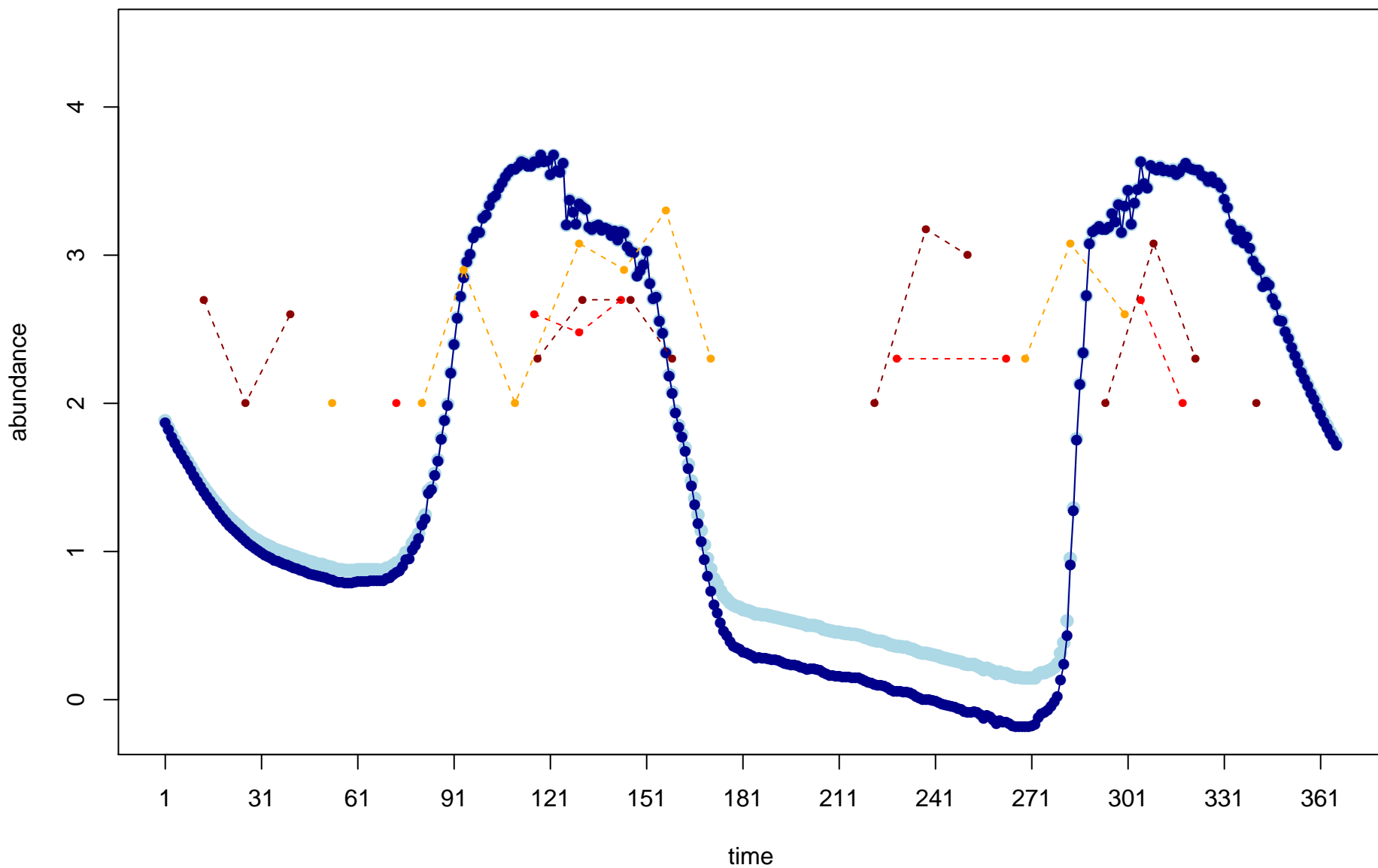


Mean abundance sim 1.7 obs 2.8

Mean amplitude sim 3.5 obs 1.4

Bloom winter

DIT

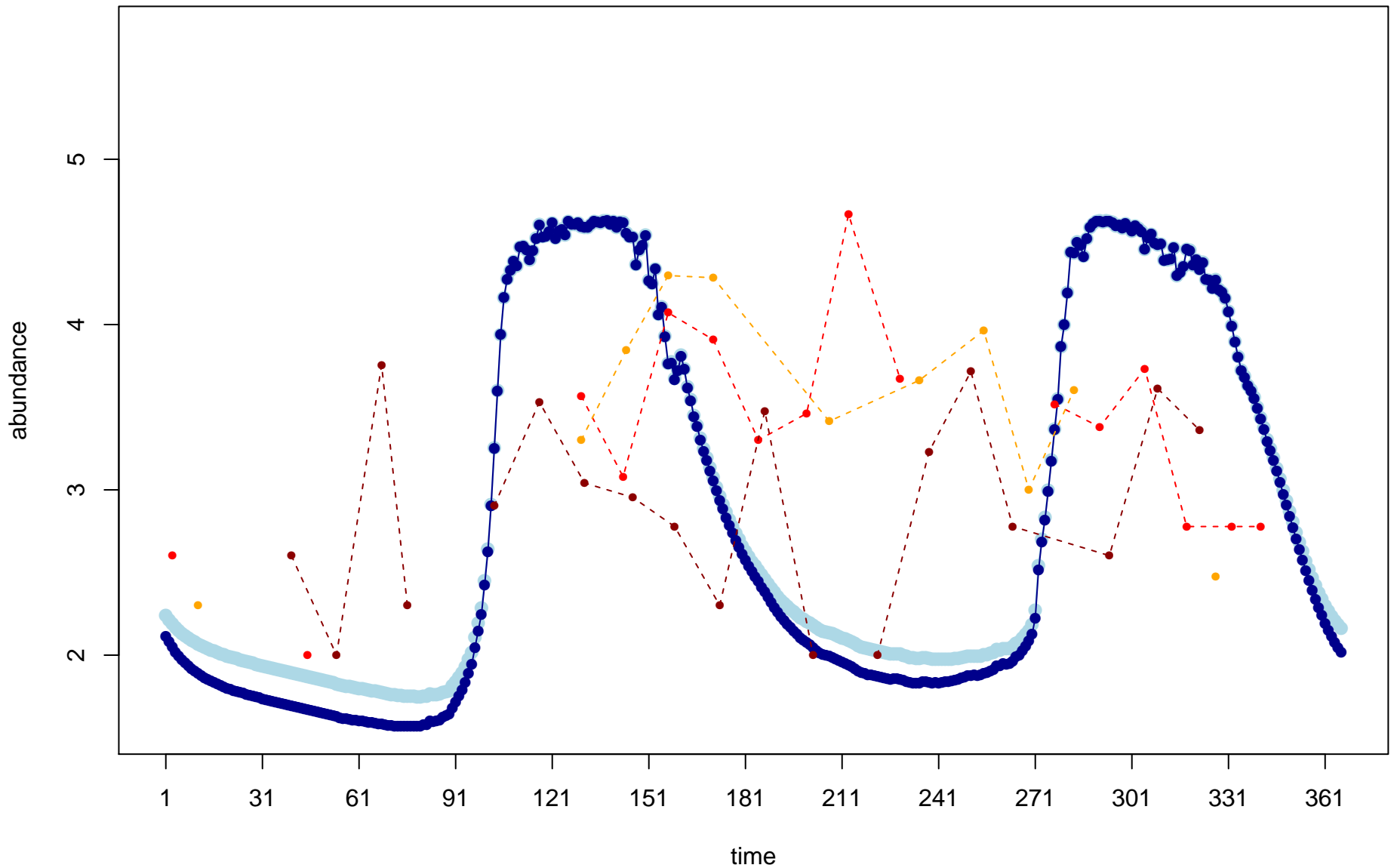


Mean abundance sim 2.9 obs 3.8

Mean amplitude sim 2.9 obs 2.3

Early bloom

GUI

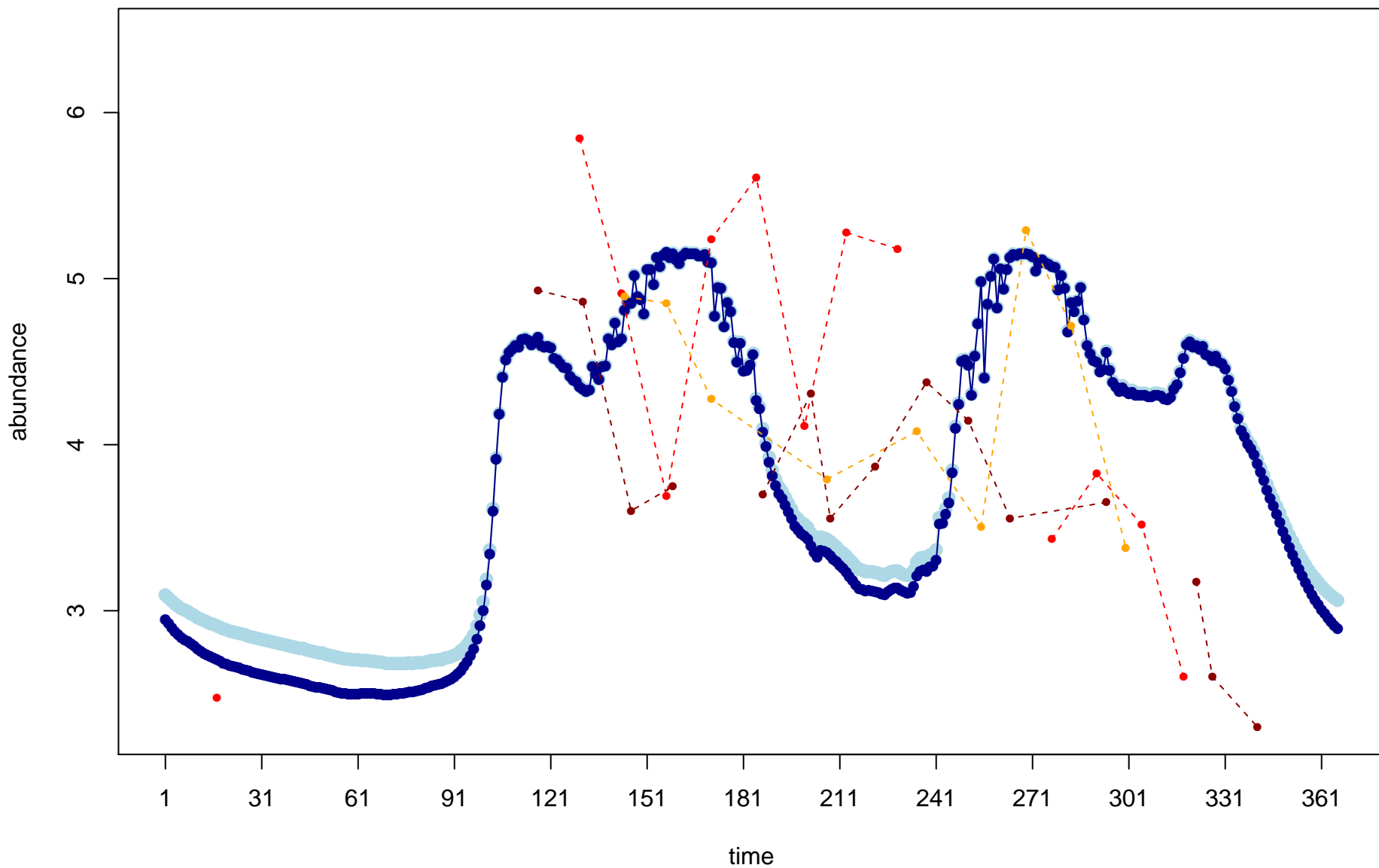


Mean abundance sim 3.8 obs 4.6

Mean amplitude sim 2.5 obs 2.9

Late bloom

## LEP

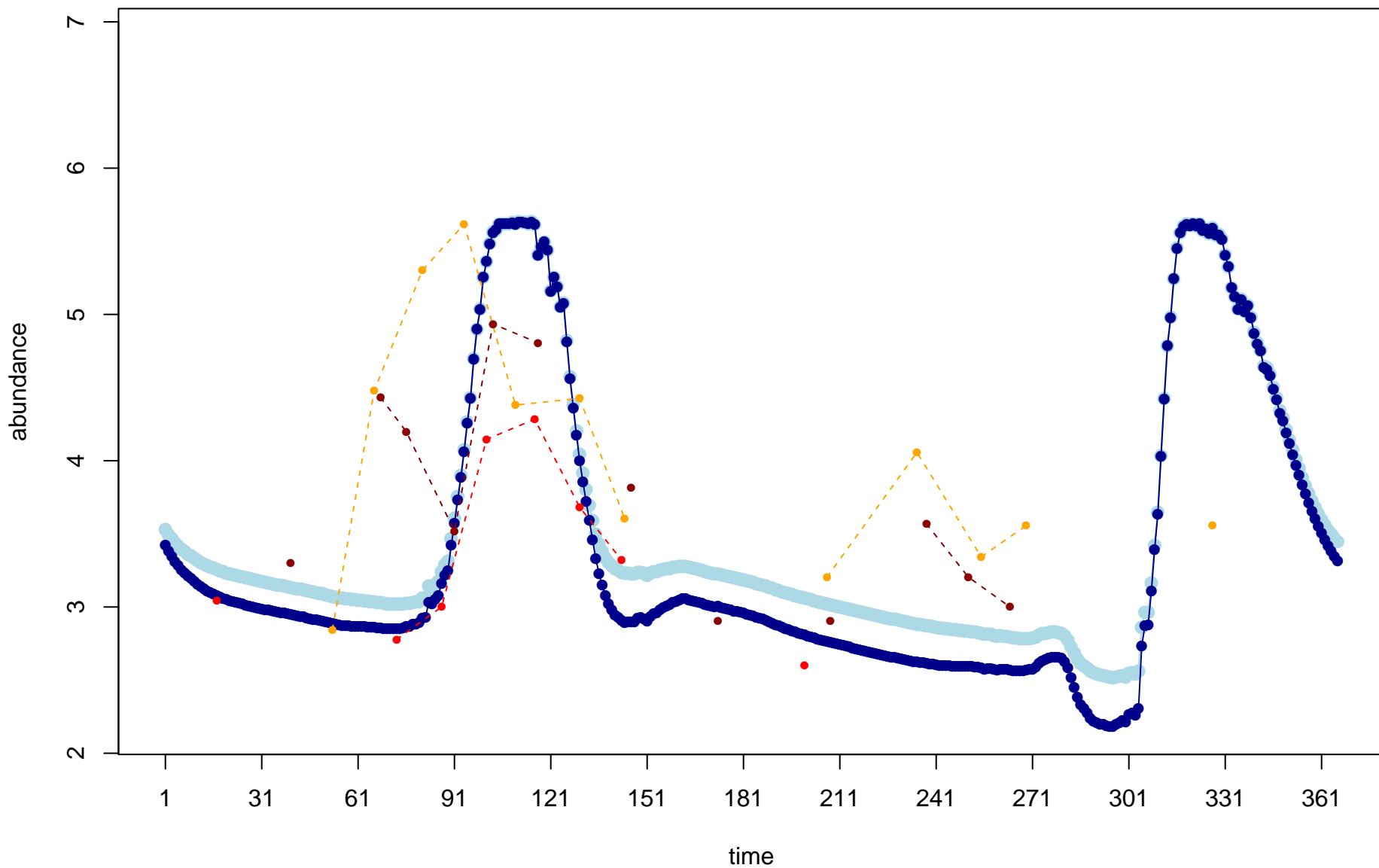


Mean abundance sim 3.5 obs 4.7

Mean amplitude sim 3.1 obs 2.5

Bloom winter

**SKE**

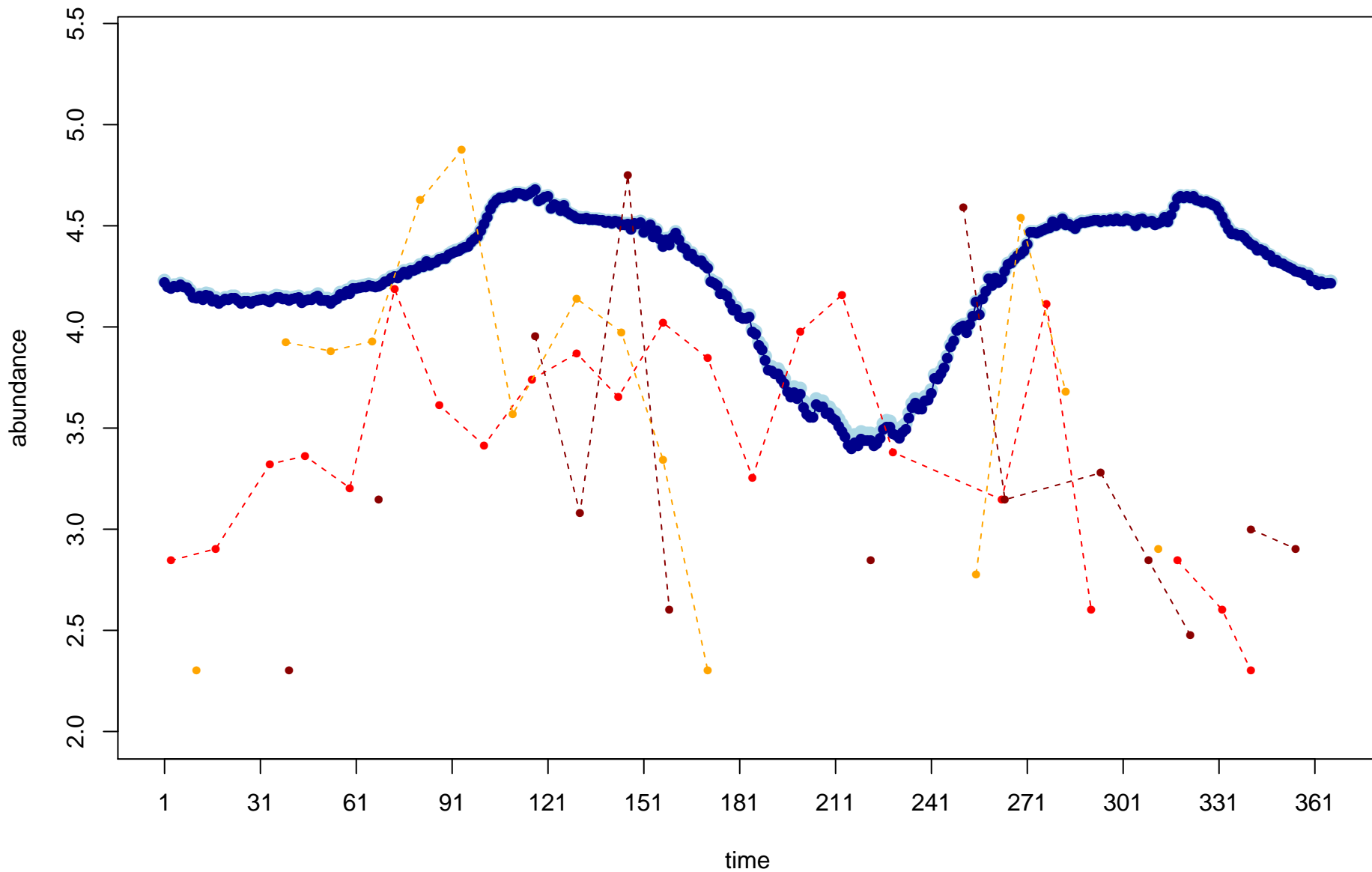


Mean abundance sim 4.2 obs 3.8

Mean amplitude sim 1.2 obs 2.2

Bloom winter

## THP

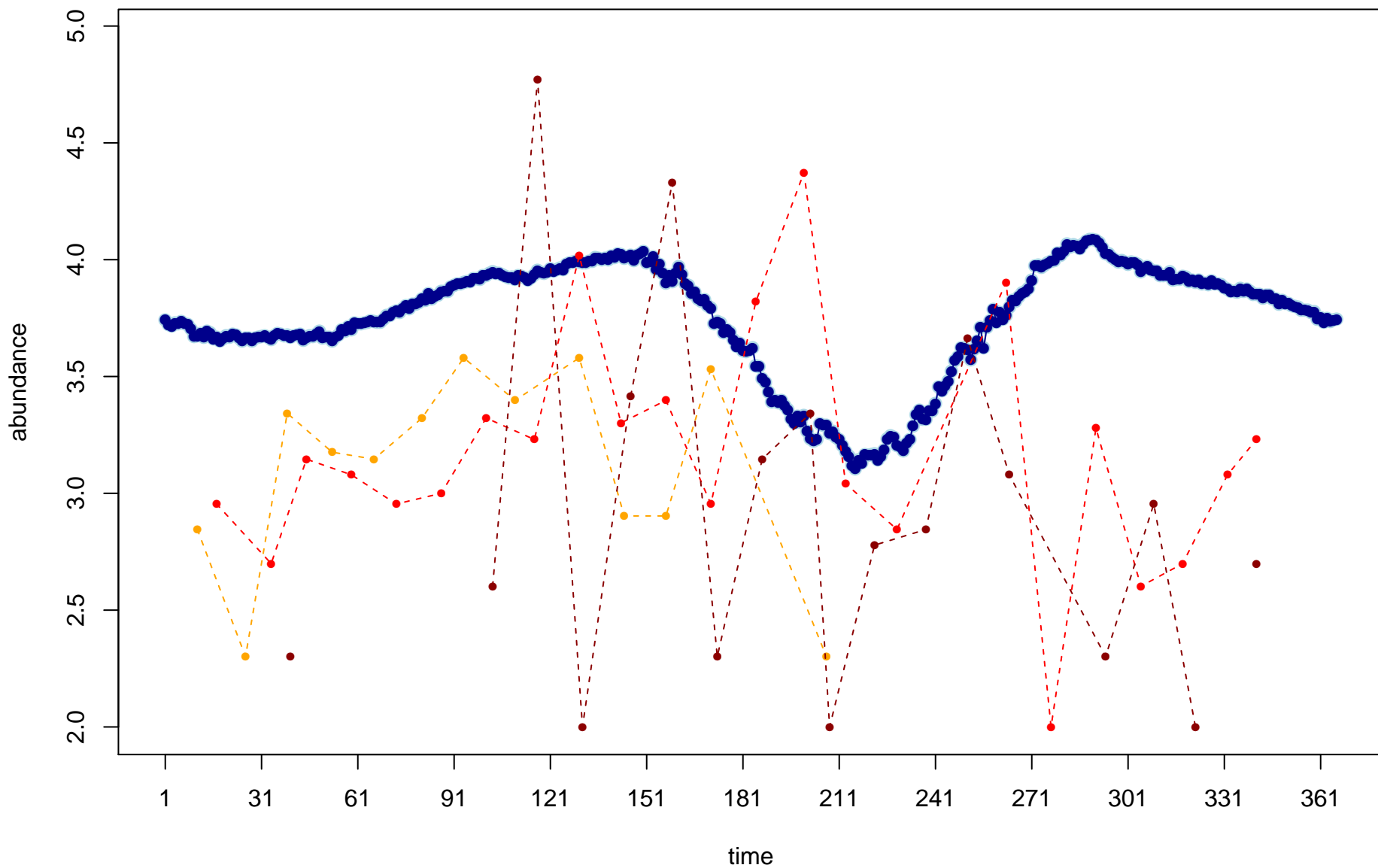


Mean abundance sim 3.7 obs 3.4

Mean amplitude sim 0.98 obs 2

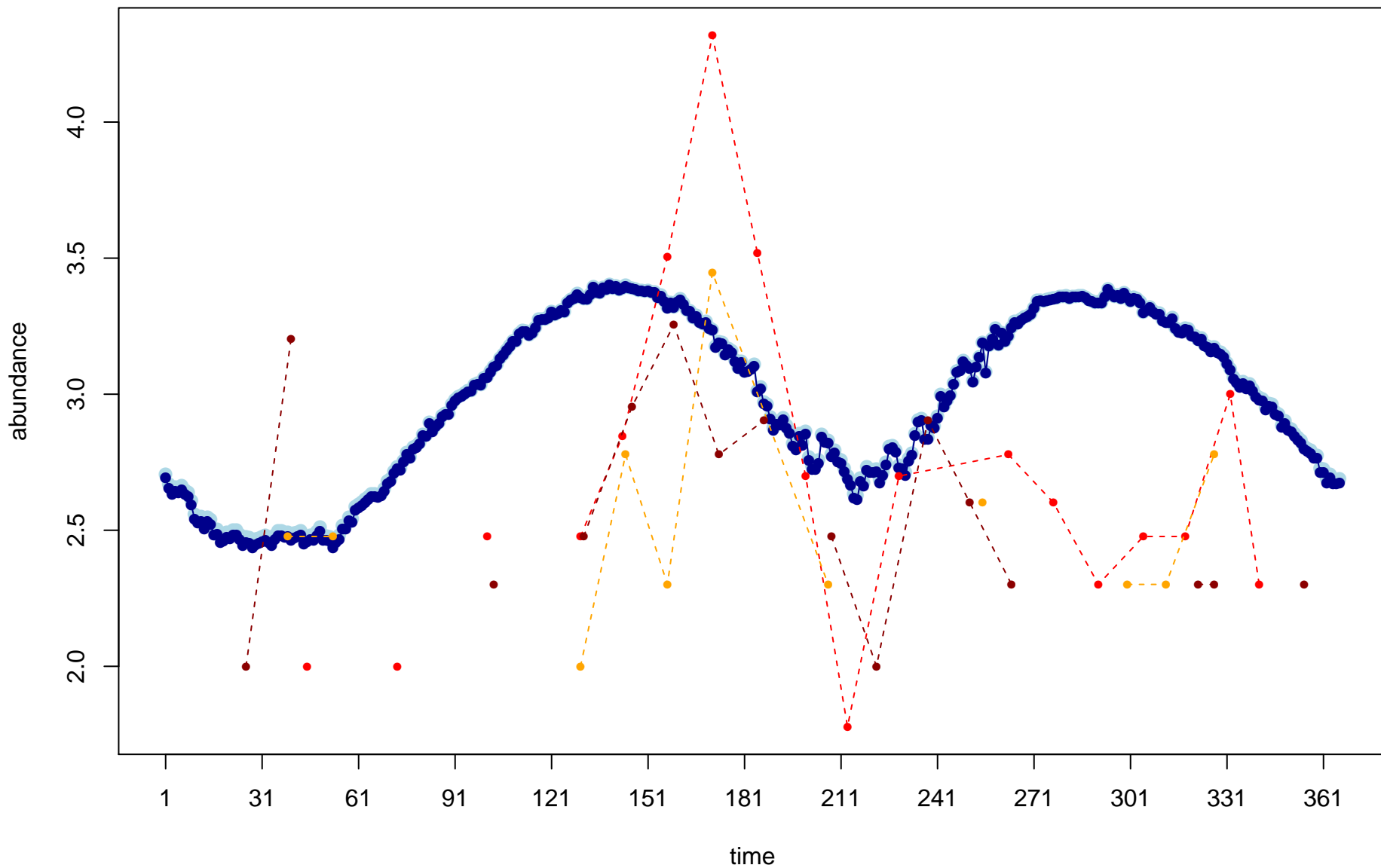
Bloom winter

NIT



Mean abundance sim 3 obs 2.7  
Mean amplitude sim 0.95 obs 1.3  
Bloom winter

## PLE



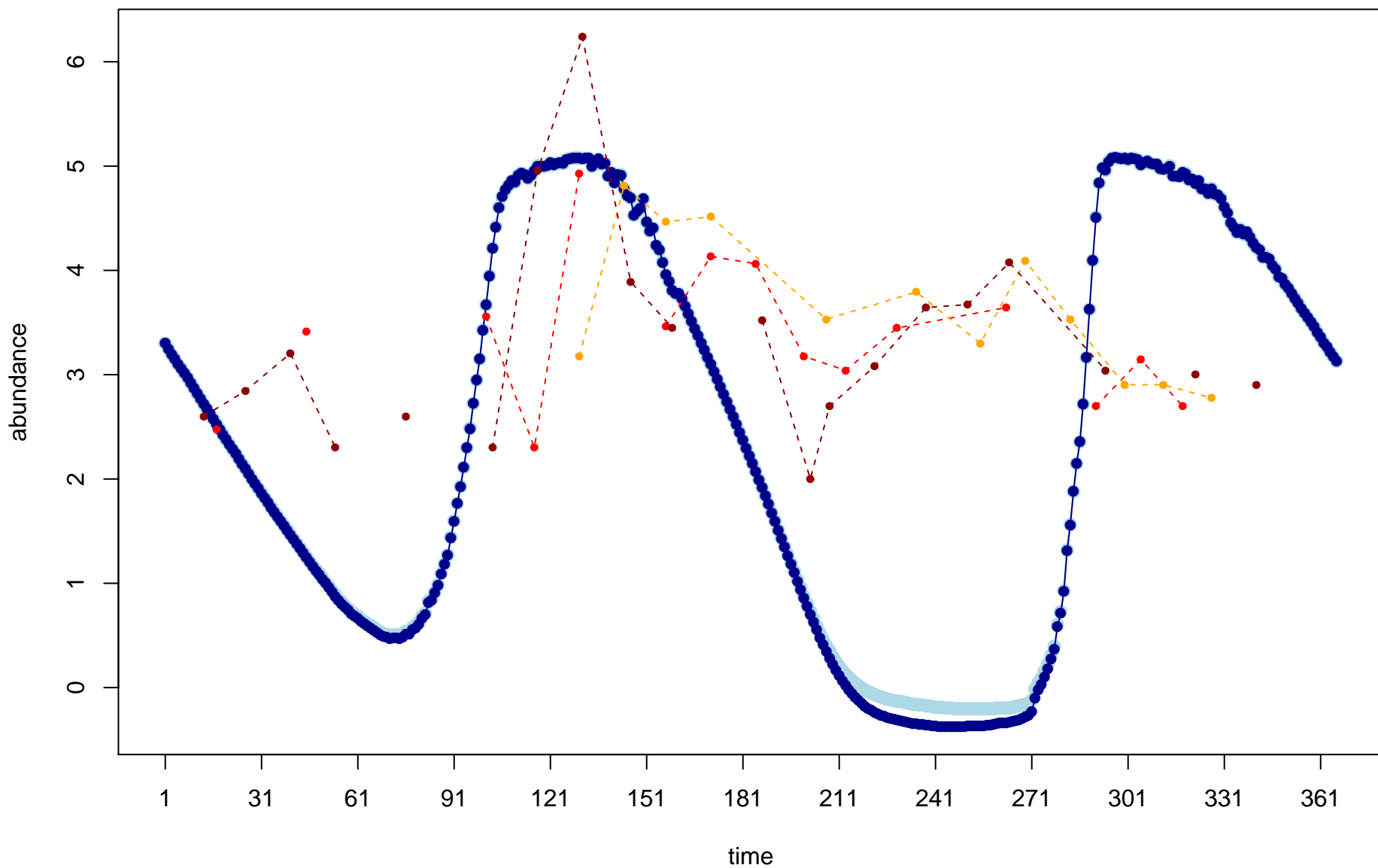


Mean abundance sim 2.5 obs 4.3

Mean amplitude sim 5.3 obs 2.9

Early bloom

## PSE

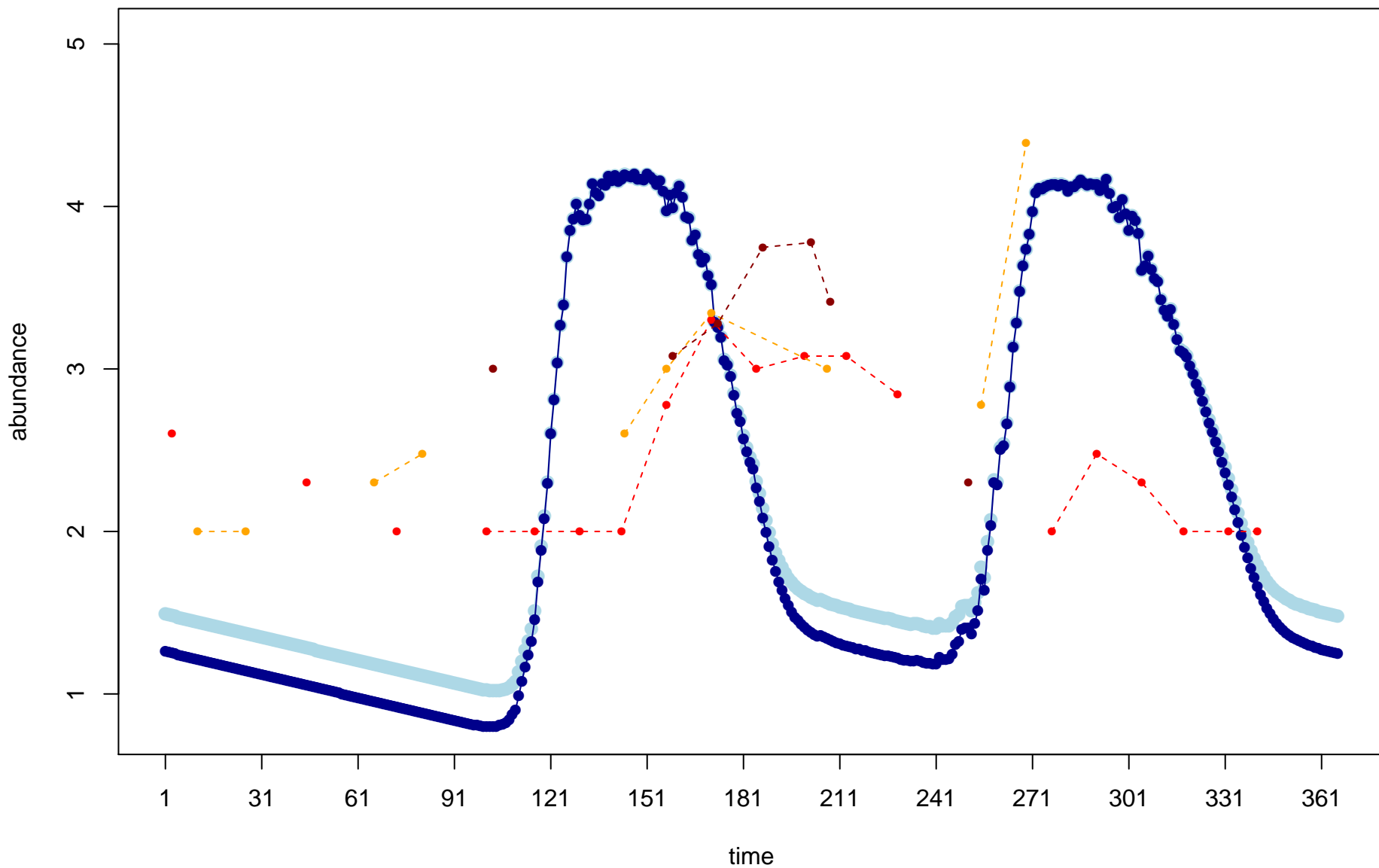


Mean abundance sim 2.3 obs 3.3

Mean amplitude sim 3.2 obs 2.1

Late bloom

## PRO



Mean abundance sim 1.9 obs 3.2

Mean amplitude sim 3.3 obs 1.8

Early bloom

## PRP

