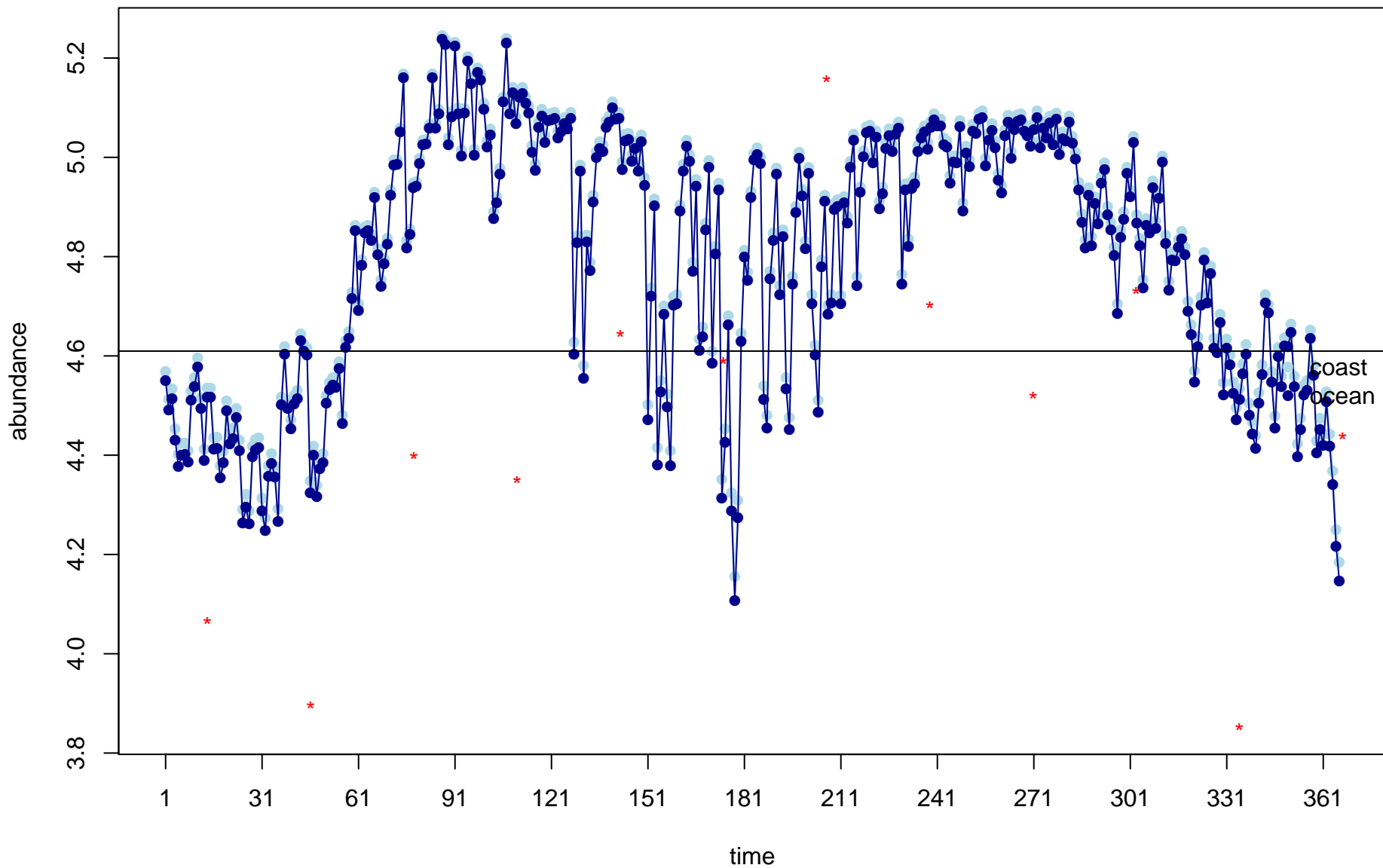


Mean abundance sim 4.8 obs 4.6

Mean amplitude sim 1.1 obs 3.3

Early bloom

## CHA

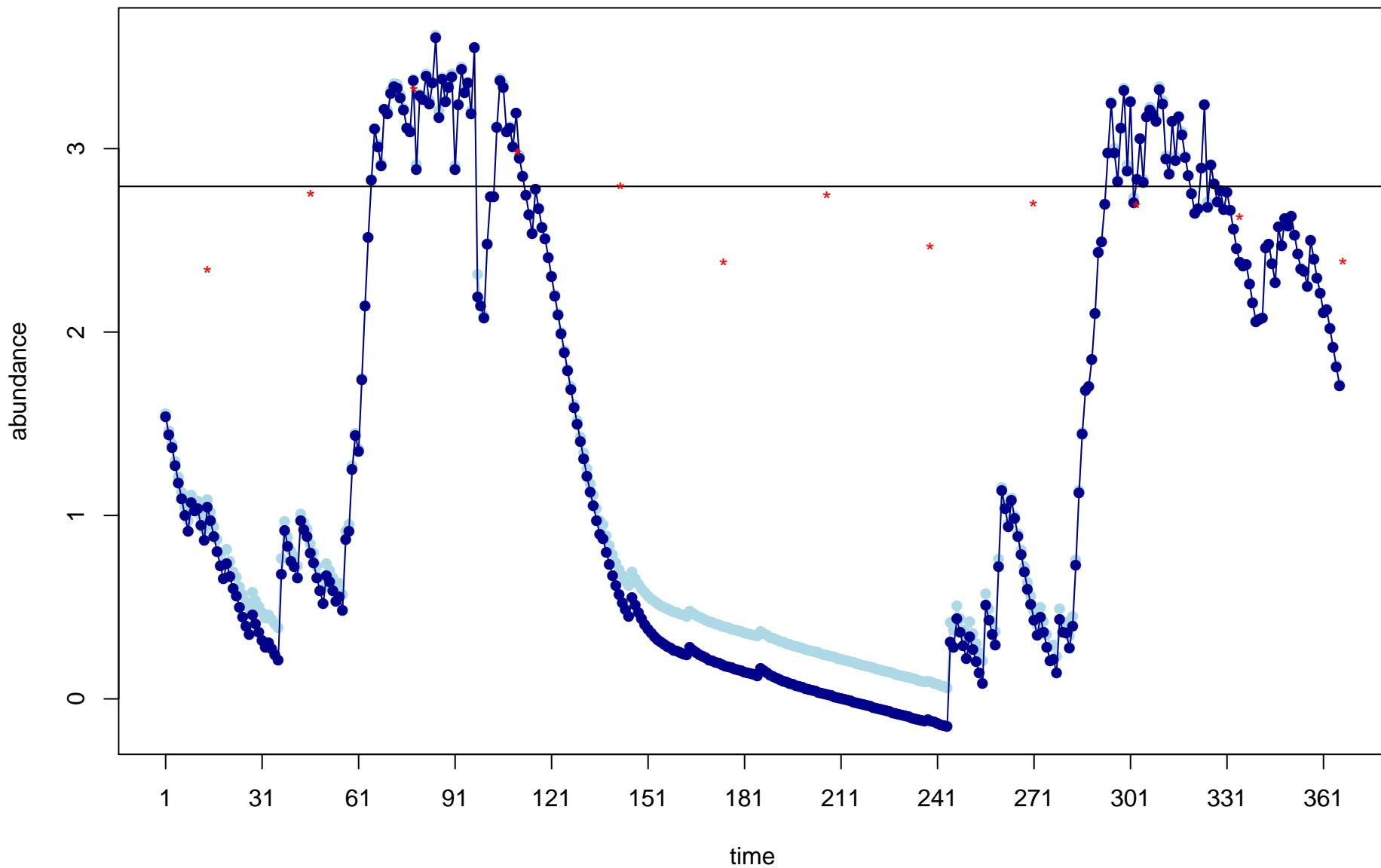


Mean abundance sim 1.4 obs 2.8

Mean amplitude sim 3.6 obs 1.4

Bloom winter

DIT

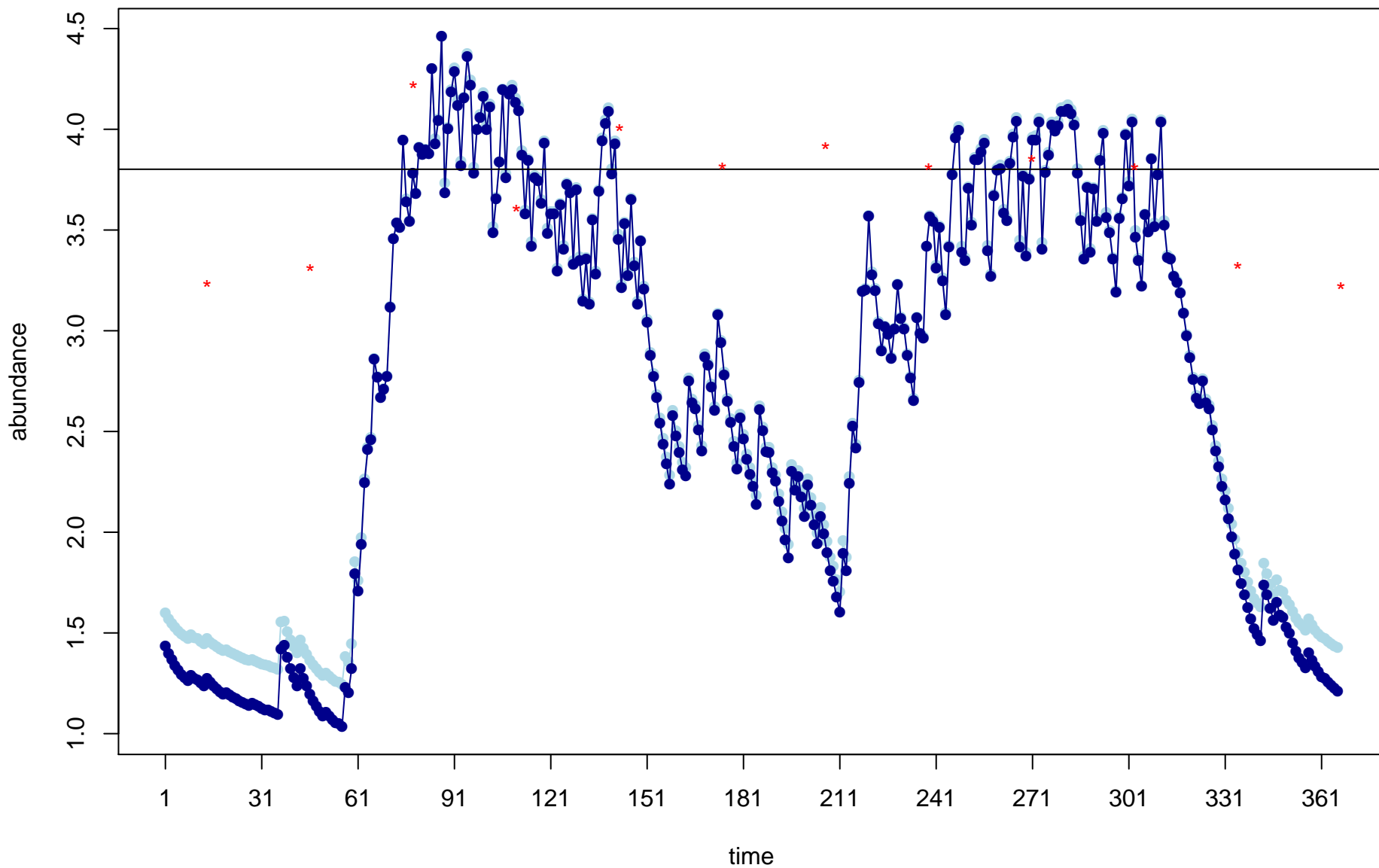


Mean abundance sim 2.8 obs 3.8

Mean amplitude sim 3.2 obs 2.3

Early bloom

GUI

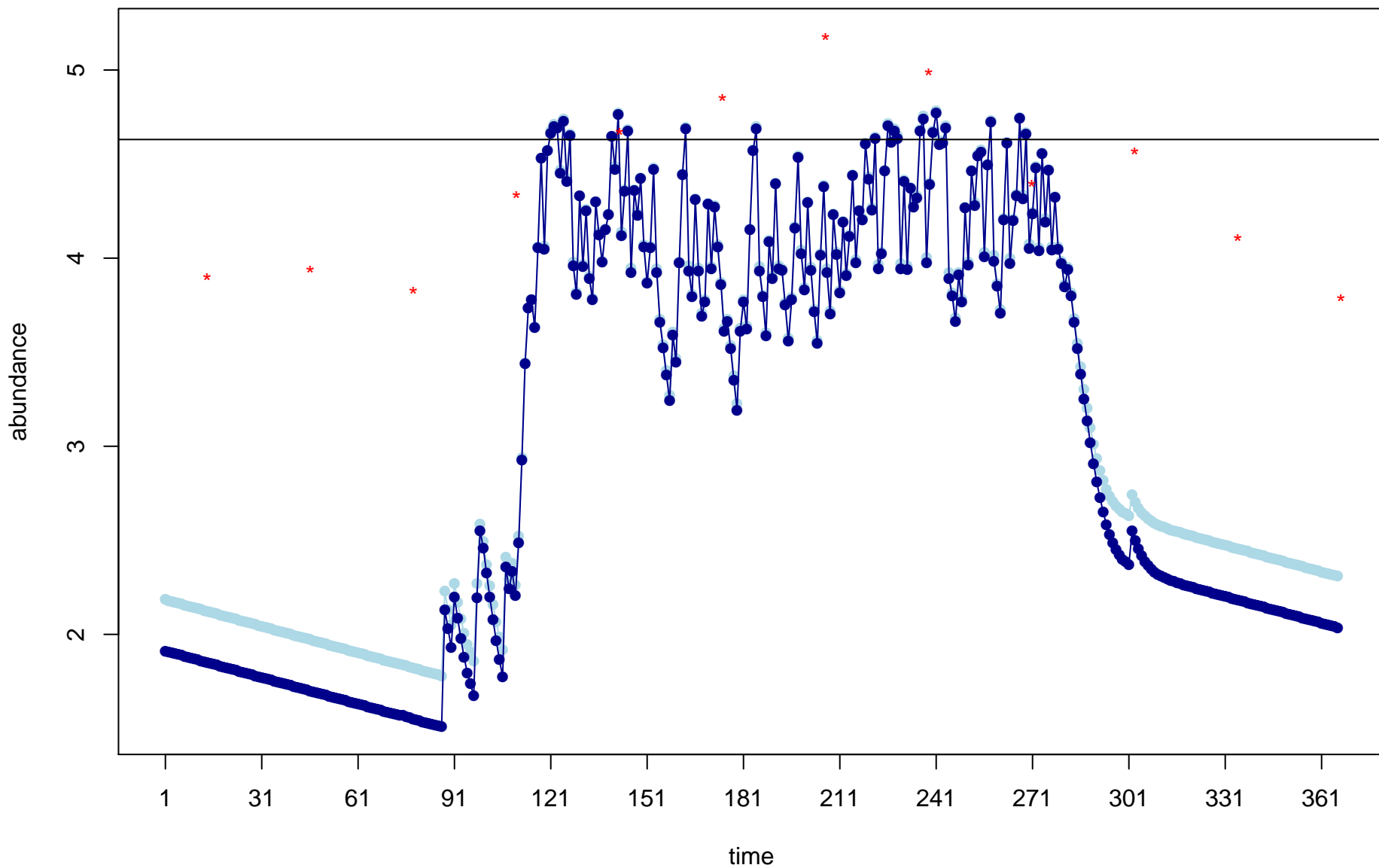


Mean abundance sim 3.1 obs 4.6

Mean amplitude sim 3 obs 2.9

Late bloom

LEP

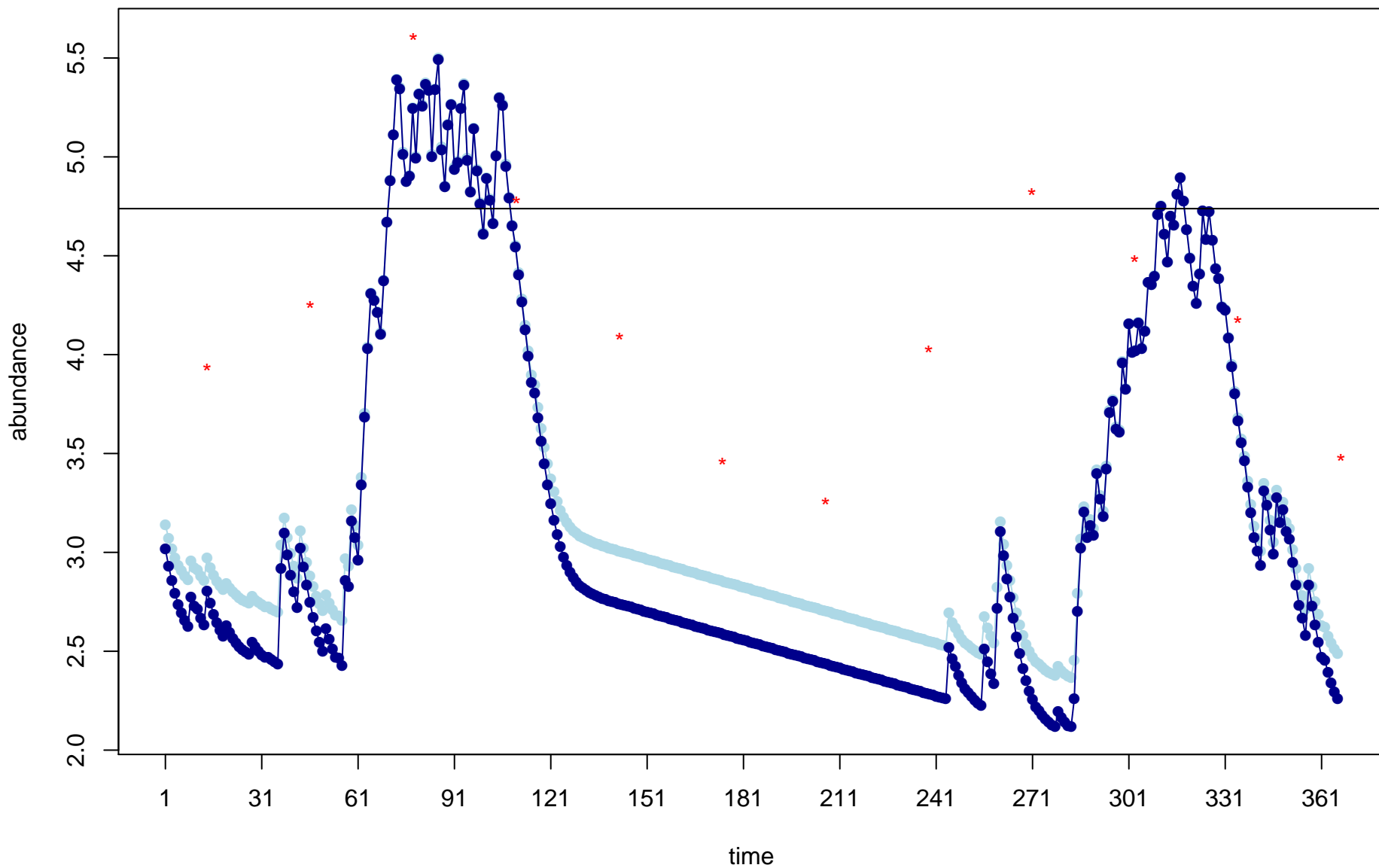


Mean abundance sim 3.3 obs 4.7

Mean amplitude sim 3.1 obs 2.5

Bloom winter

SKE

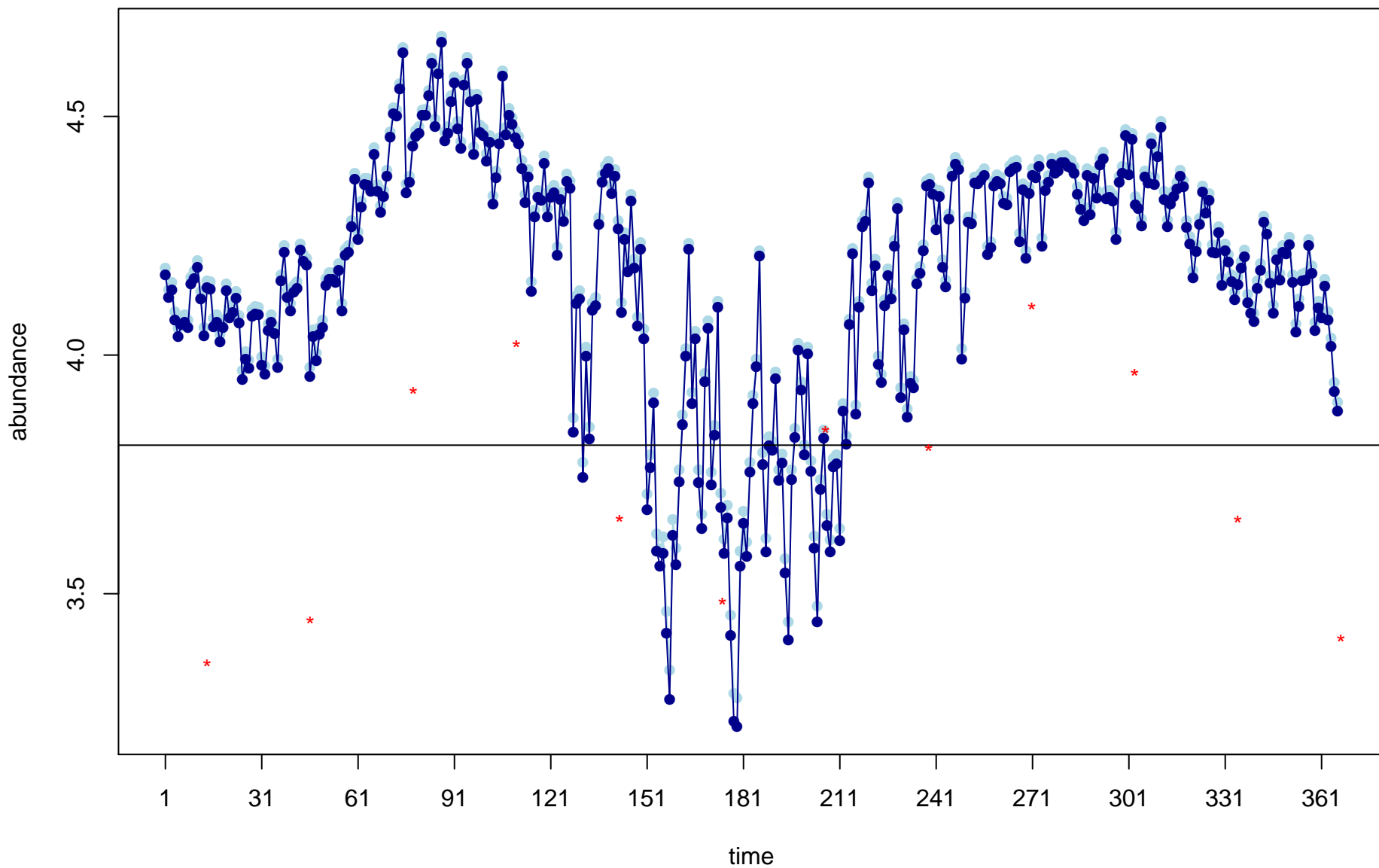


Mean abundance sim 4.2 obs 3.8

Mean amplitude sim 1.4 obs 2.2

Bloom winter

## THP

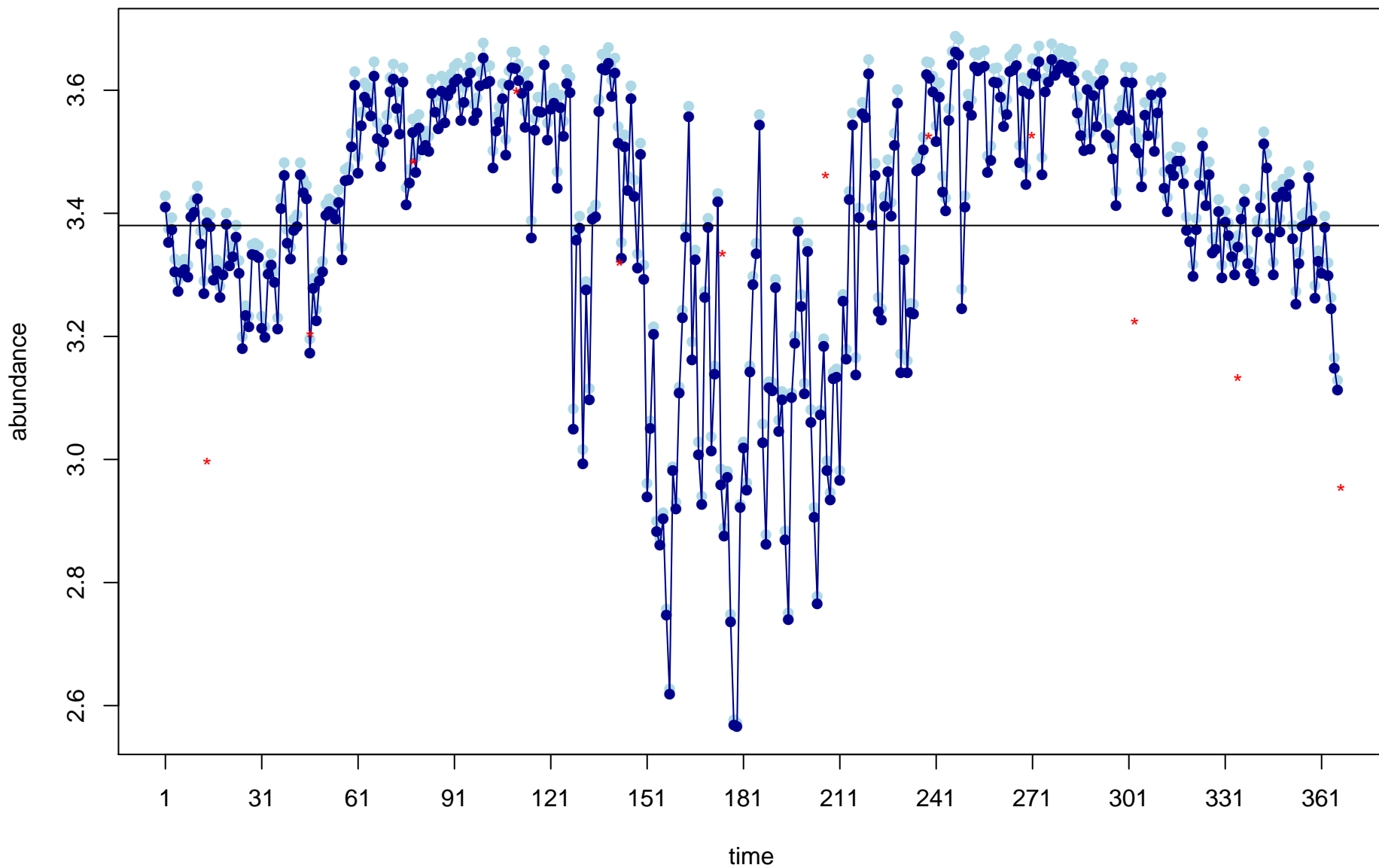


Mean abundance sim 3.4 obs 3.4

Mean amplitude sim 1.1 obs 2

Bloom winter

NIT

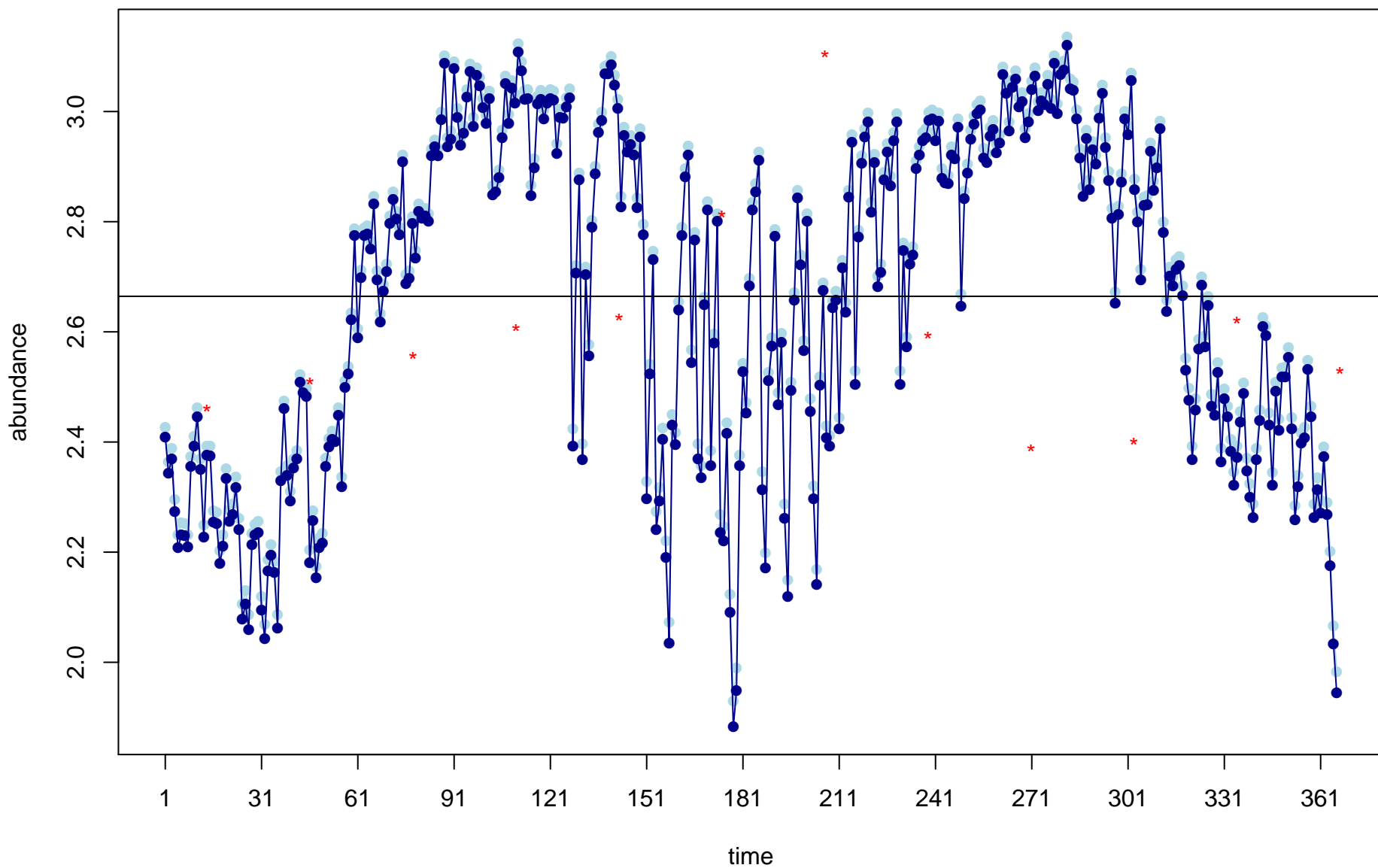


Mean abundance sim 2.7 obs 2.7

Mean amplitude sim 1.2 obs 1.3

Bloom winter

## PLE



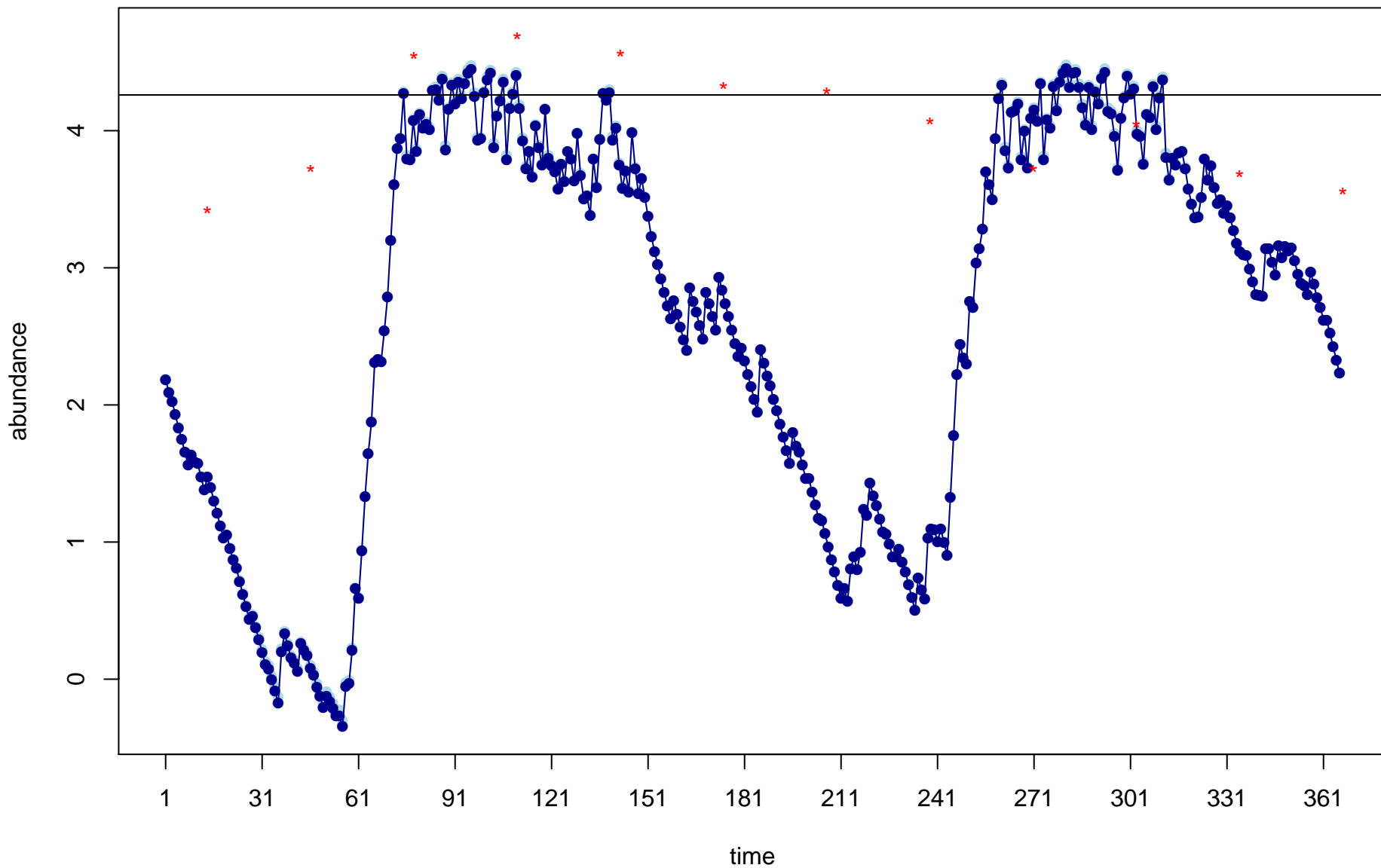


Mean abundance sim 2.7 obs 4.3

Mean amplitude sim 4.8 obs 2.9

Early bloom

## PSE

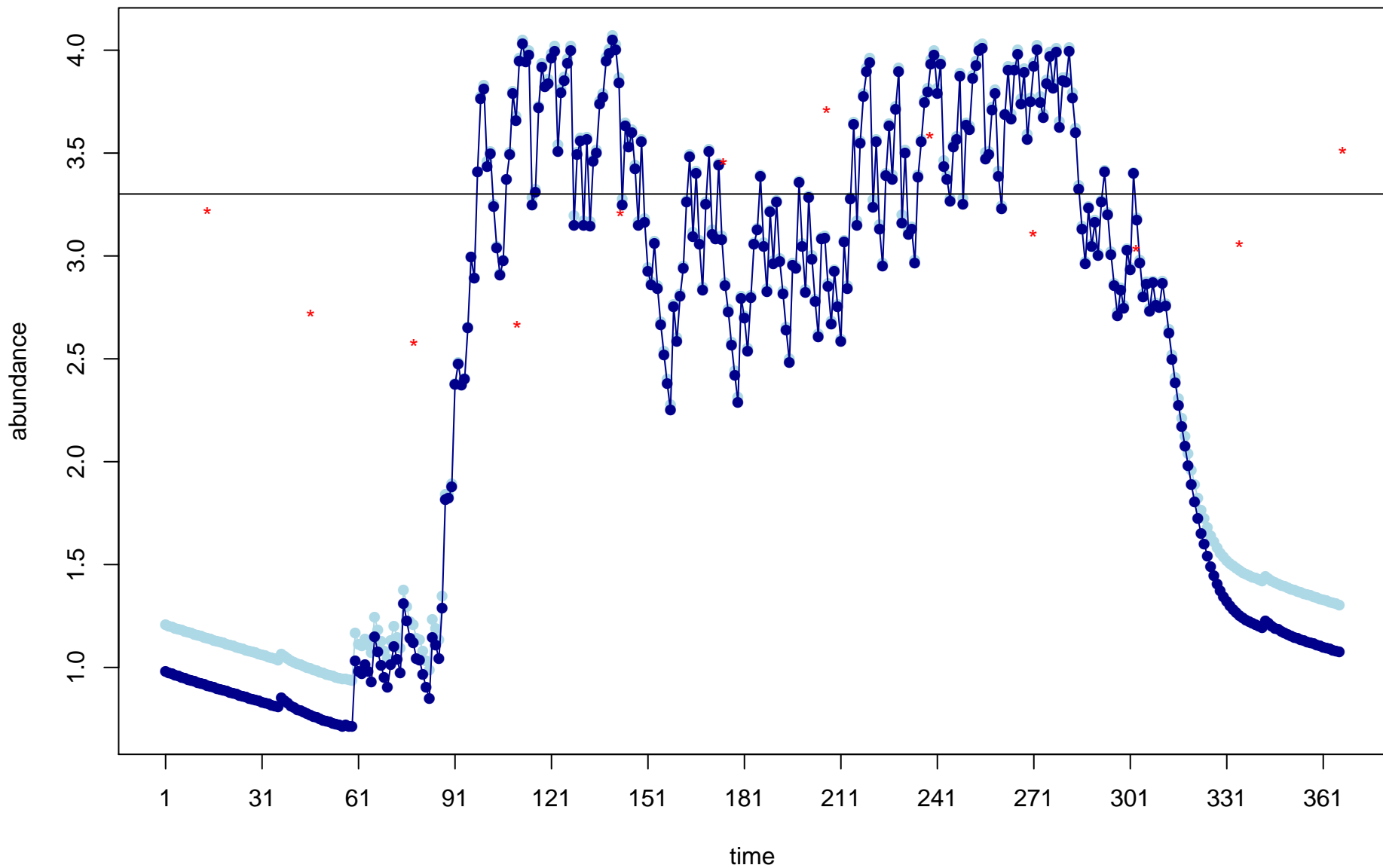


Mean abundance sim 2.5 obs 3.3

Mean amplitude sim 3.1 obs 2.1

Late bloom

PRO



Mean abundance sim 2.3 obs 3.2

Mean amplitude sim 3.2 obs 1.8

Early bloom

PRP

