a
Longitude
Temperature
Salinity
Oxygen
Nitrates
Chlorophyll HPLC
Carbon flux
$NO_2^-$
$PO_4^{-3}$
$NO_2^-/NO_3^-$
Fe Darwin
Fe PISCES2
red
lightyellow
pink
darkgrey
turquoise
blue
lightgreen
skyblue
darkturquoise
salmon
orange
cyan
midnightblue
white
yellow
black
magenta
green
tan
grey60
steelblue
greenyellow
lightcyan
darkgreen
brown
darkred
royalblue
purple
darkorange
saddlebrown
grey
Pearson coefficient
-1
-0.5
0
0.5
1
b
red
lightyellow
pink
darkgrey
turquoise
blue
lightgreen
skyblue
darkturquoise
salmon
orange
cyan
midnightblue
white
yellow
black
magenta
green
tan
grey60
steelblue
greenyellow
lightcyan
darkgreen
brown
darkred
royalblue
purple
darkorange
saddlebrown
0.4
0.5
0.6
0.7
0.8
0.9
1.0
c
Bacillariophyta
Dinophyceae
Haptophyta
MAST
MALV
Foraminifera
Metazoa
Others
Red
DarkGrey
Turquoise
Black
Yellow
Darkred
Global
Centrality
Iron correlation
d
$R^2$= 0.86
pvalue = $3.1 \times 10^{-33}$
$R^2$= 0.98
pvalue = $8 \times 10^{-31}$
$R^2$= 0.92
pvalue = $1 \times 10^{-249}$
$R^2$= 0.78
pvalue = $9 \times 10^{-28}$
PISCES2 VIP score
DARWIN VIP score