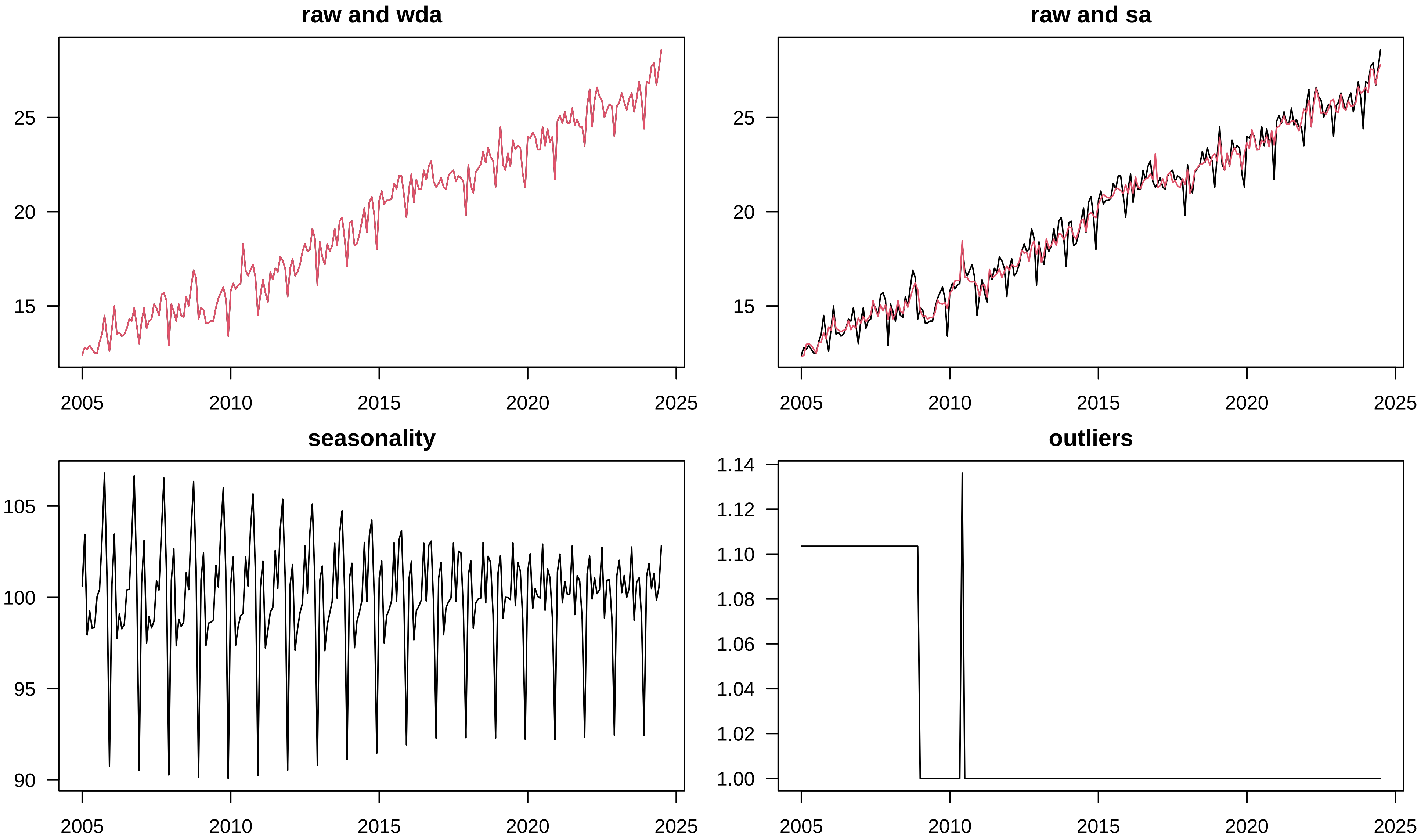
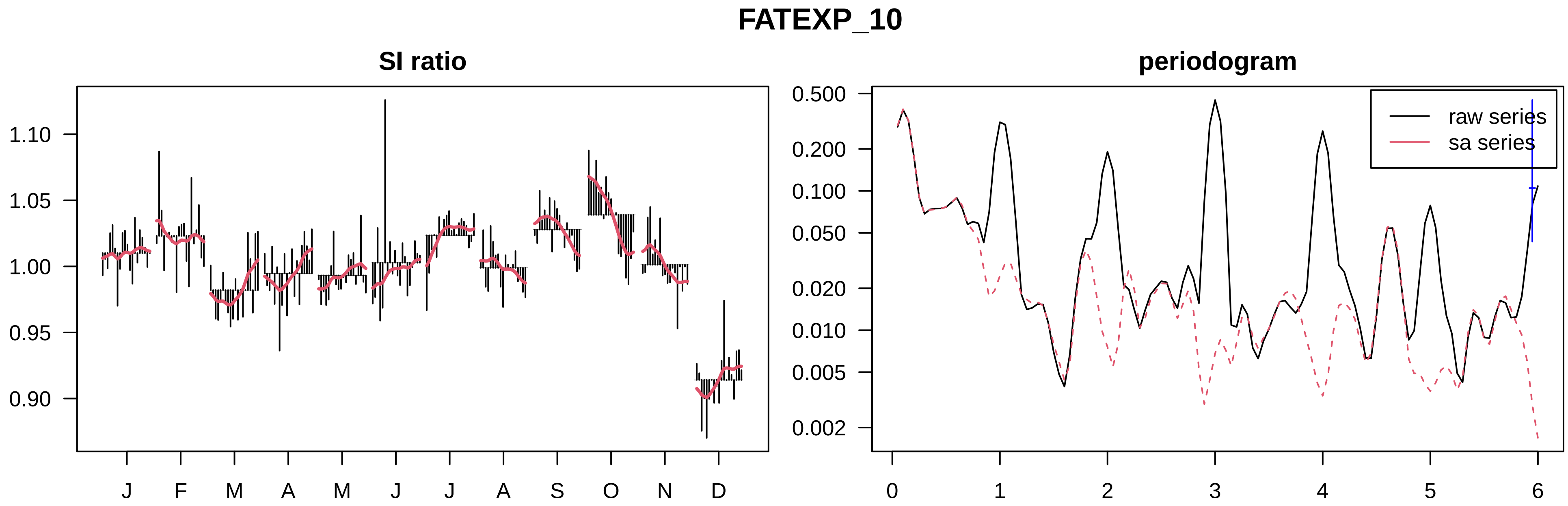
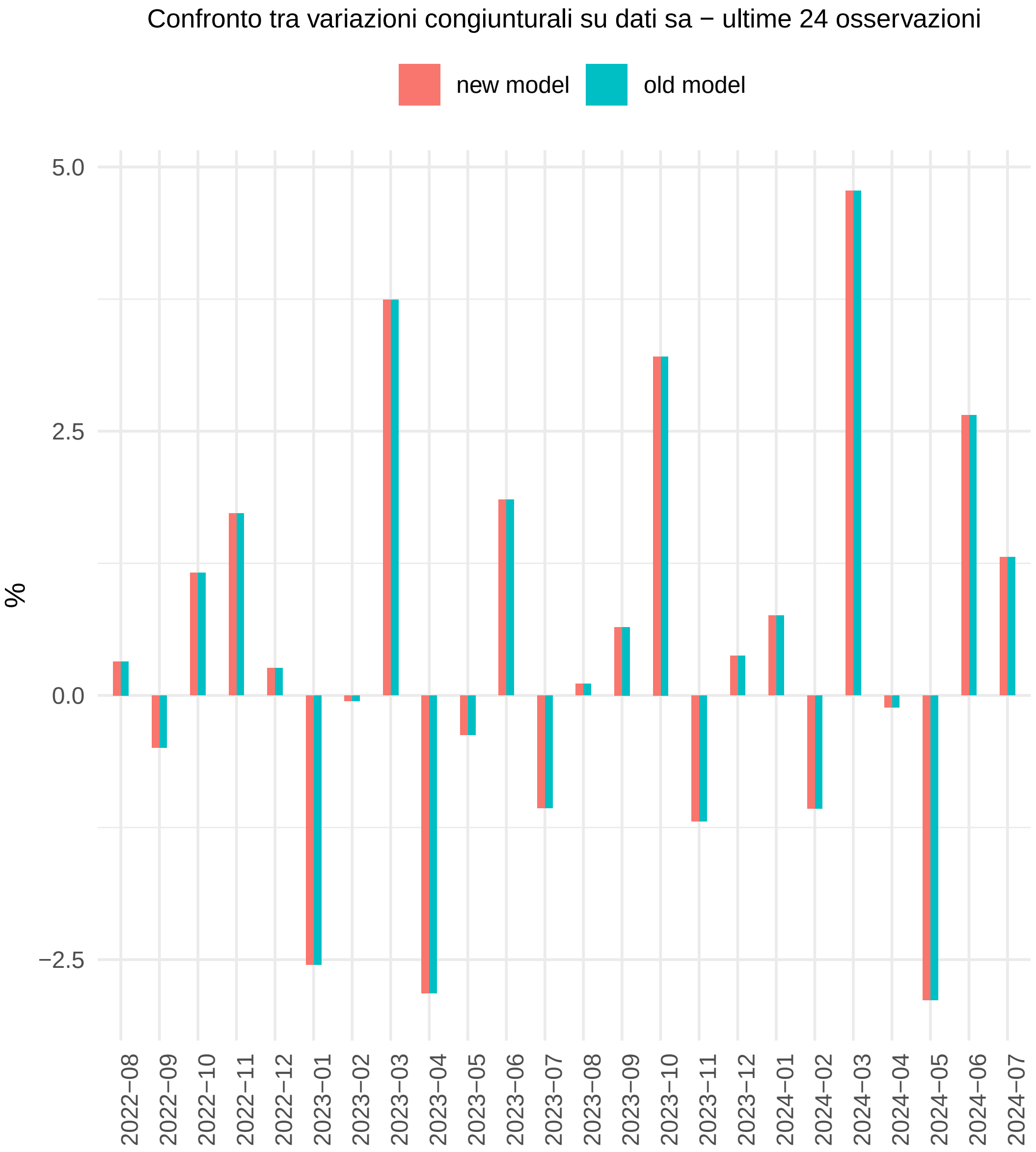
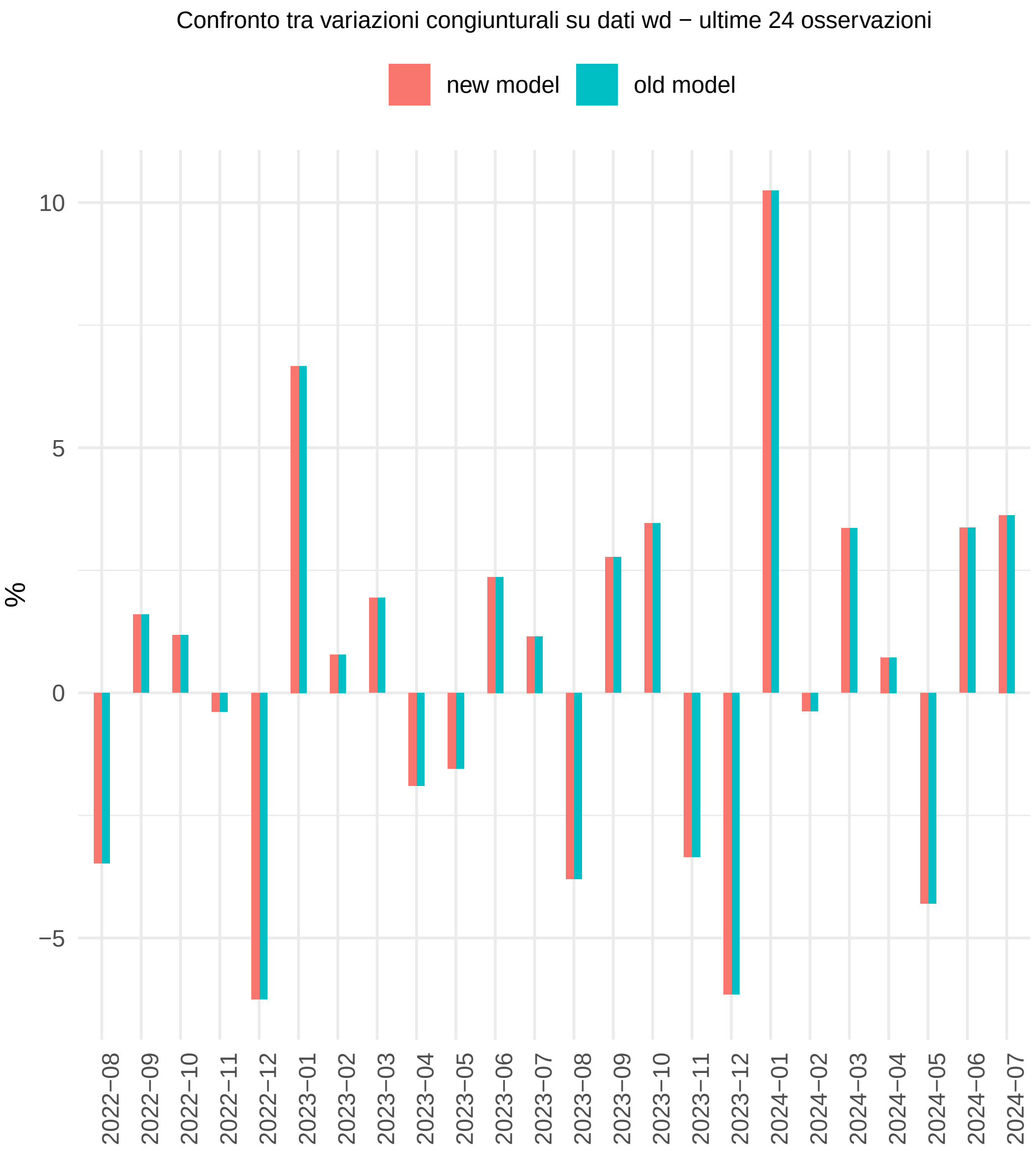
FATEXP_10


raw and wda
25
20
15
2005
2010
2015
2020
2025
raw and sa
25
20
15
2005
2010
2015
2020
2025
seasonality
105
100
95
90
2005
2010
2015
2020
2025
outliers
1.14
1.12
1.10
1.08
1.06
1.04
1.02
1.00
2005
2010
2015
2020
2025


FATEXP_10
SI ratio
1.10
1.05
1.00
0.95
0.90
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
0.500
0.200
0.100
0.050
0.020
0.010
0.005
0.002
0
1
2
3
4
5
6
raw series
sa series

FATEXP_10


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
5.0
2.5
0.0
−2.5
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
10
5
0
−5
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
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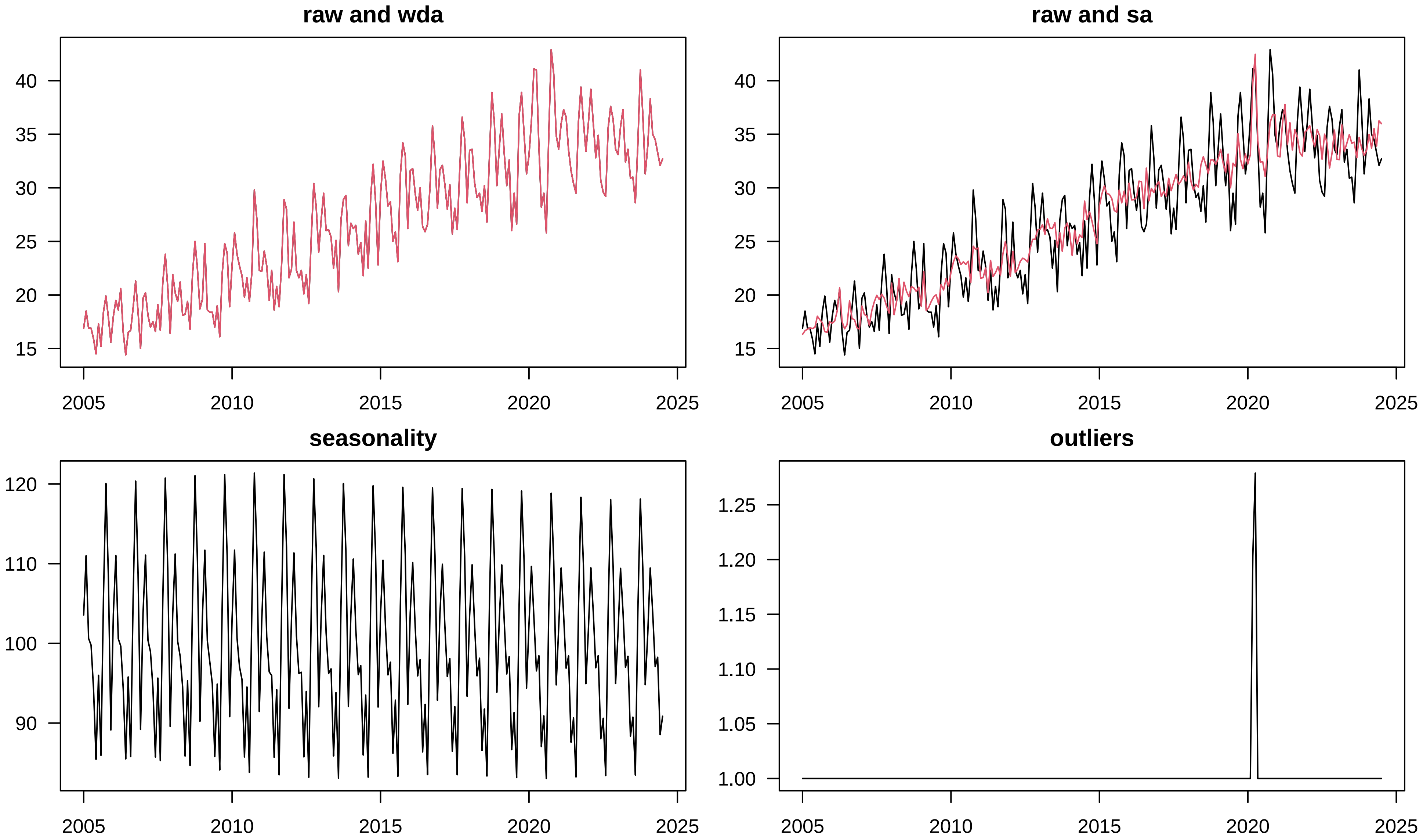
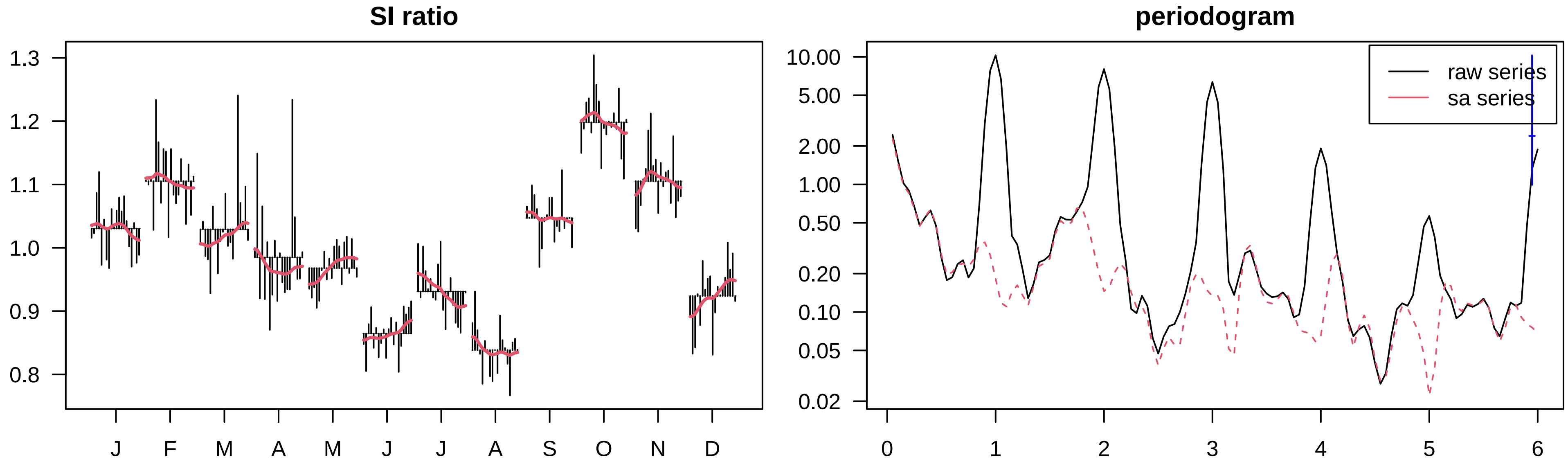
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

FATEXP_11

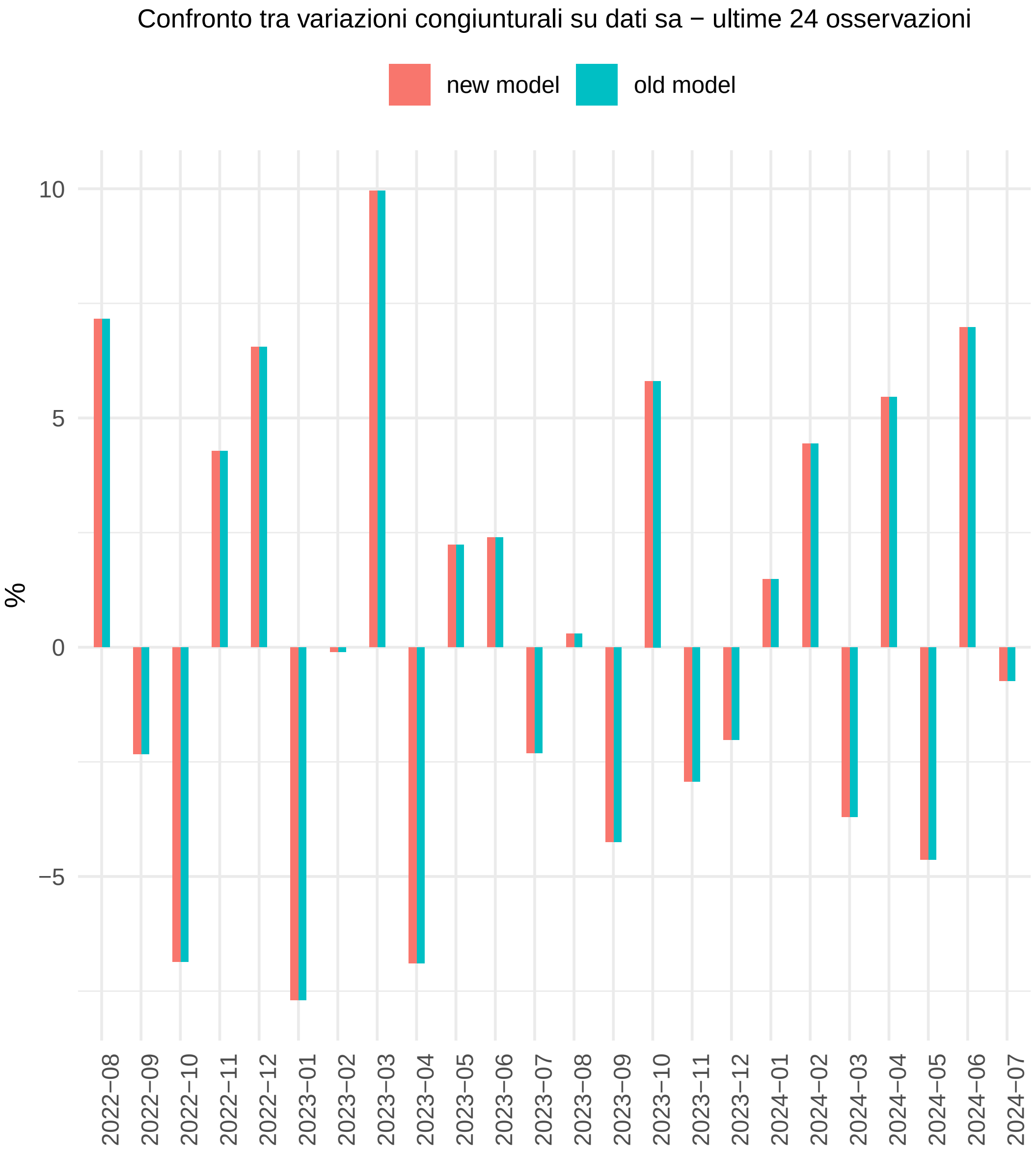


raw and wda
40
35
30
25
20
15
2005
2010
2015
2020
2025
raw and sa
40
35
30
25
20
15
2005
2010
2015
2020
2025
seasonality
120
110
100
90
2005
2010
2015
2020
2025
outliers
1.25
1.20
1.15
1.10
1.05
1.00
2005
2010
2015
2020
2025

FATEXP_11


SI ratio
1.3
1.2
1.1
1.0
0.9
0.8
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
10.00
5.00
2.00
1.00
0.50
0.20
0.10
0.05
0.02
0
1
2
3
4
5
6
raw series
sa series

FATEXP_11



Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
10
5
0
−5
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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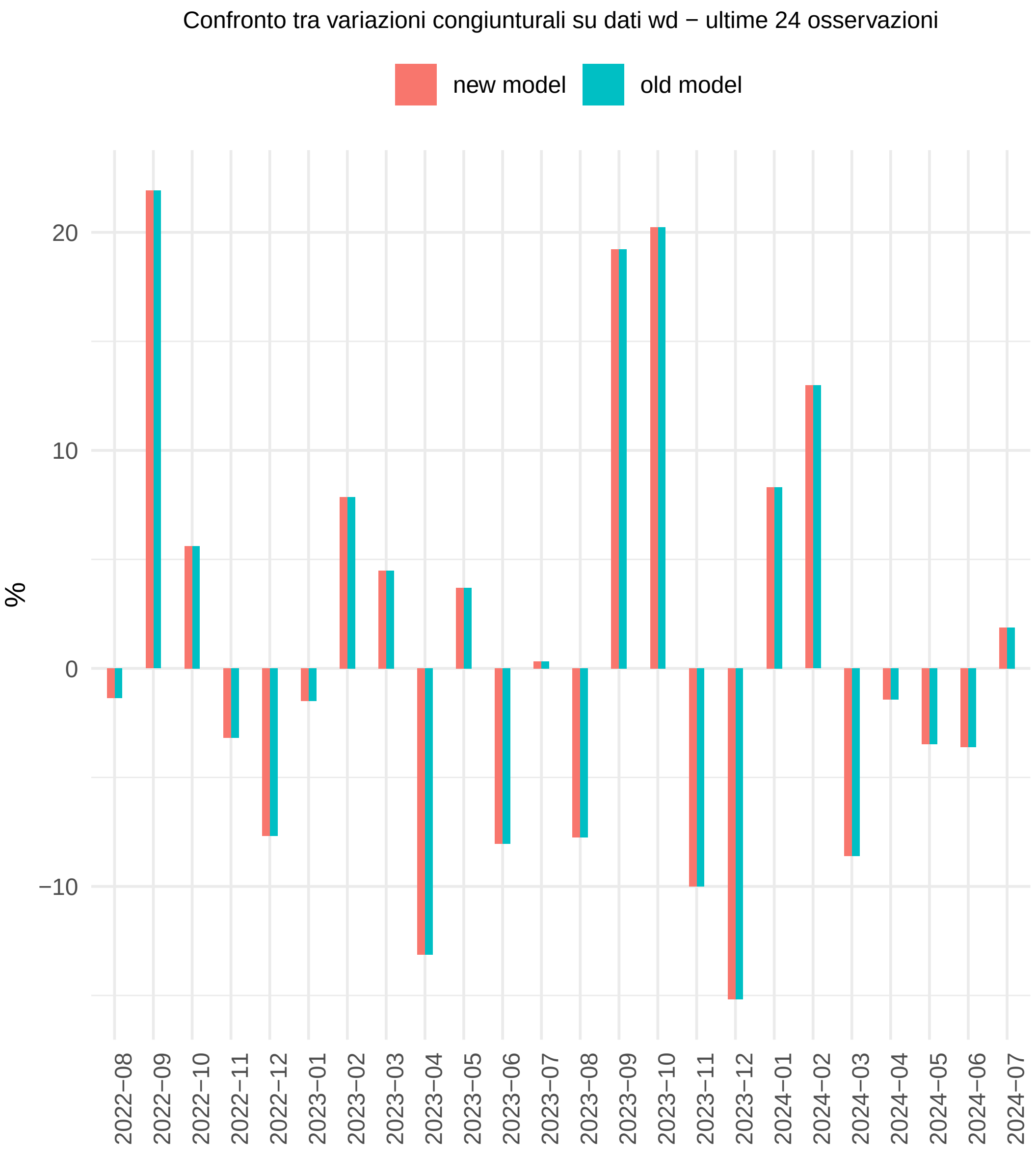
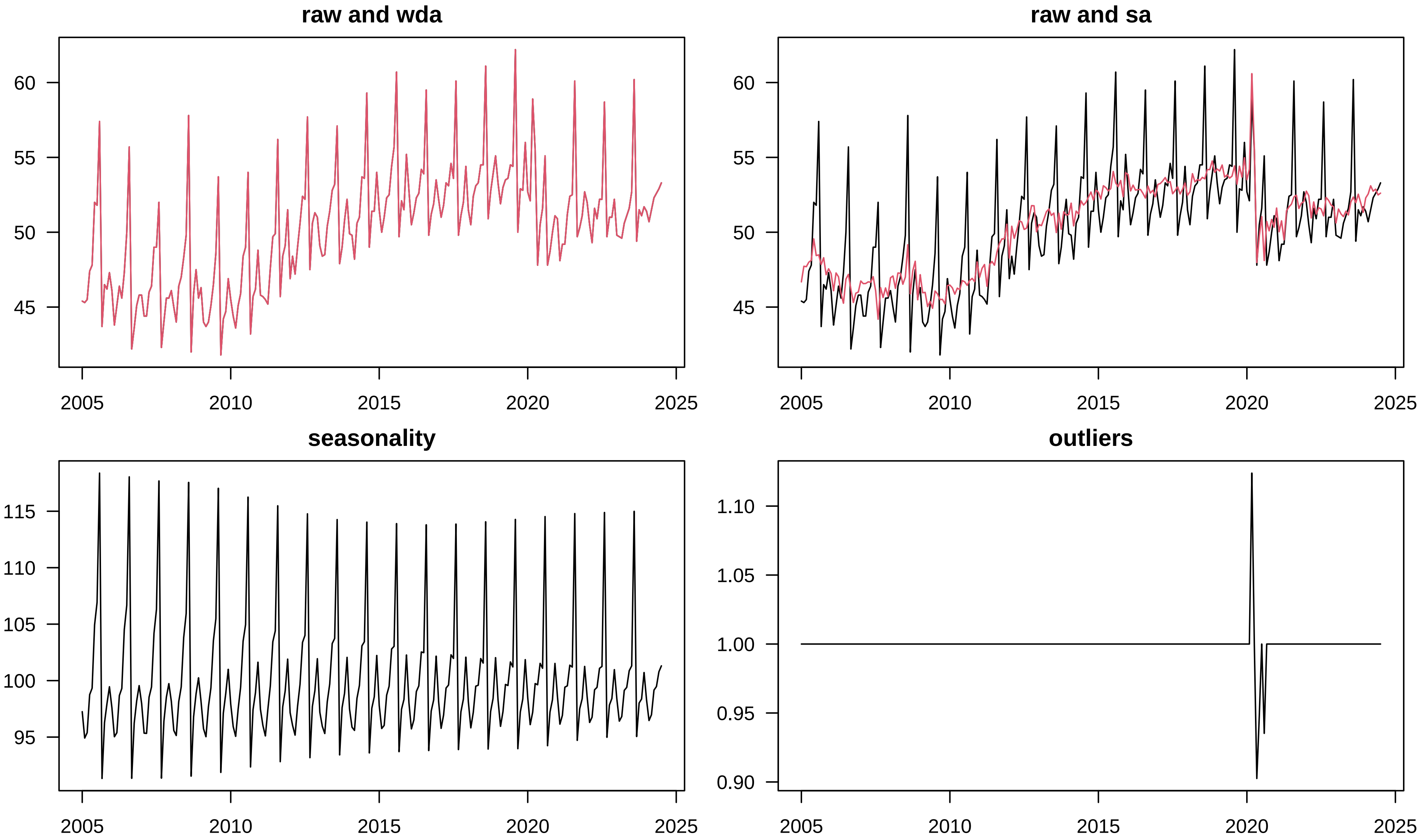
2024−05
2024−06
2024−07



Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
20
10
0
−10
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

FATEXP_13

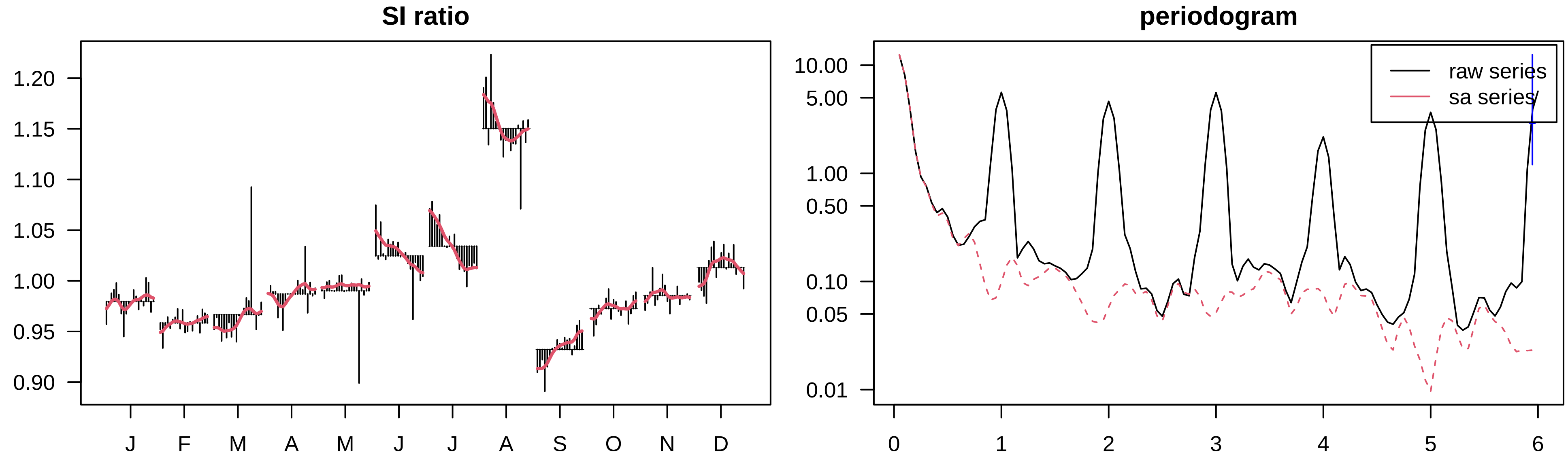

raw and wda

raw and sa

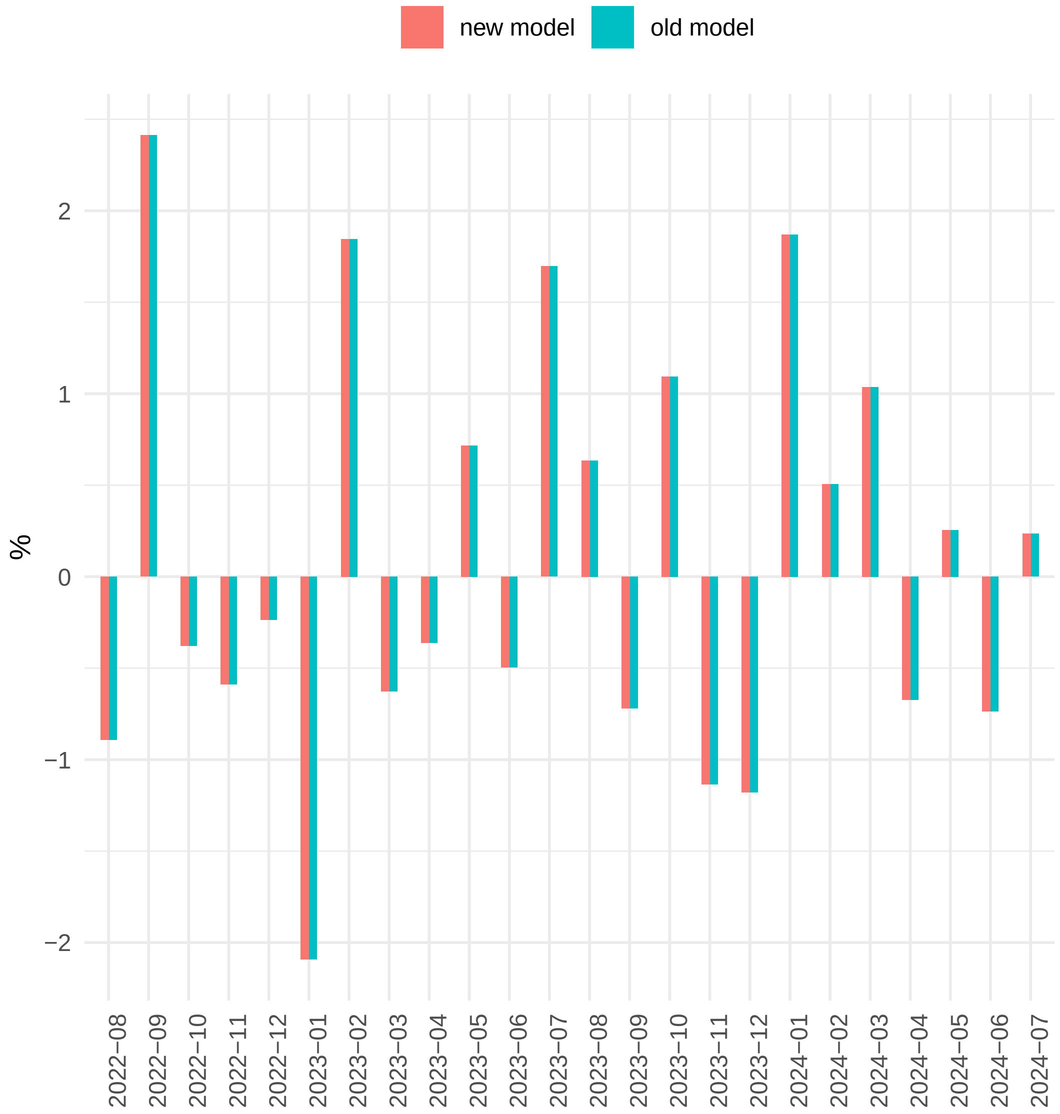
seasonality

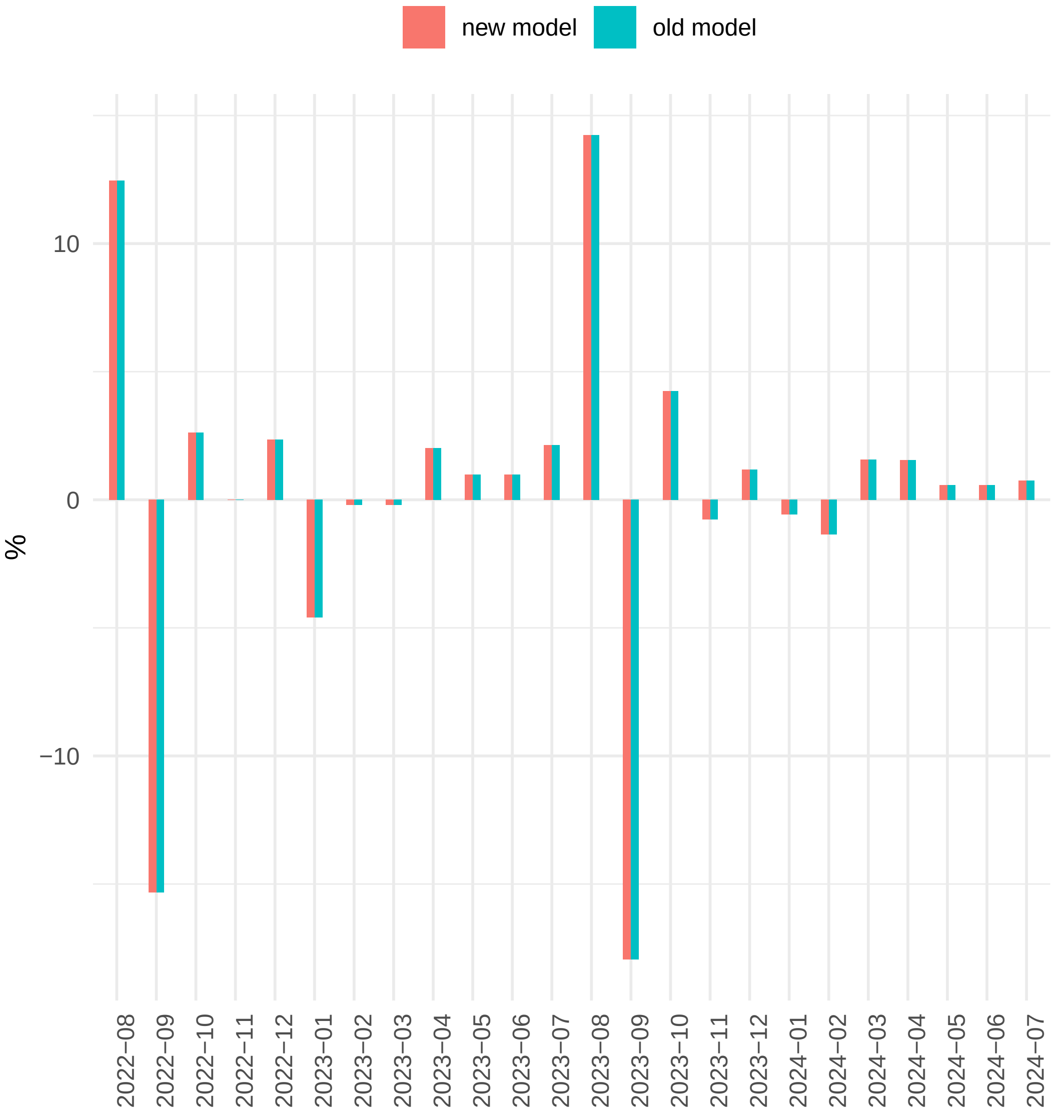
outliers

FATEXP_13

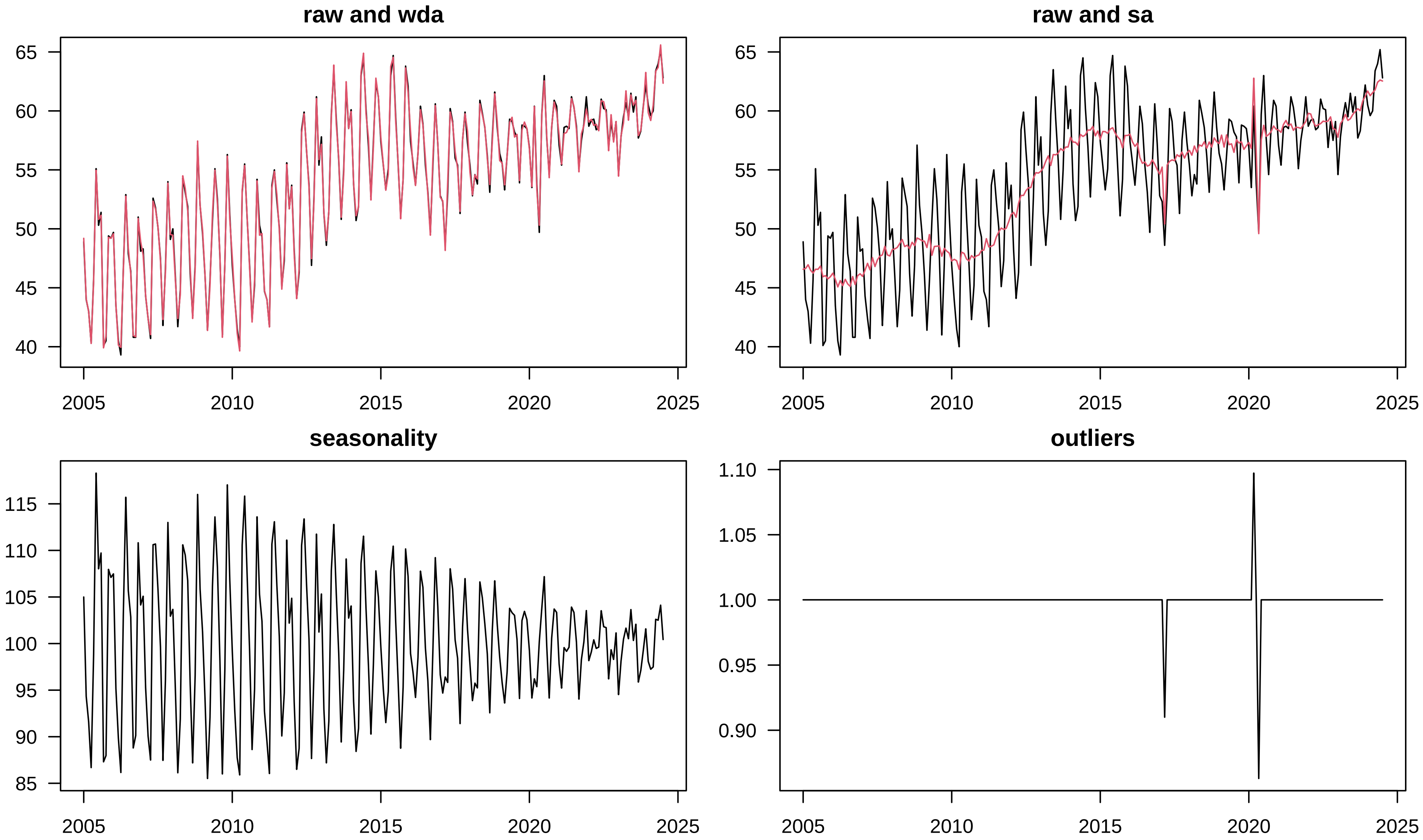

SI ratio
1.20
1.15
1.10
1.05
1.00
0.95
0.90
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
10.00
5.00
1.00
0.50
0.10
0.05
0.01
0
1
2
3
4
5
6
raw series
sa series

FATEXP_13

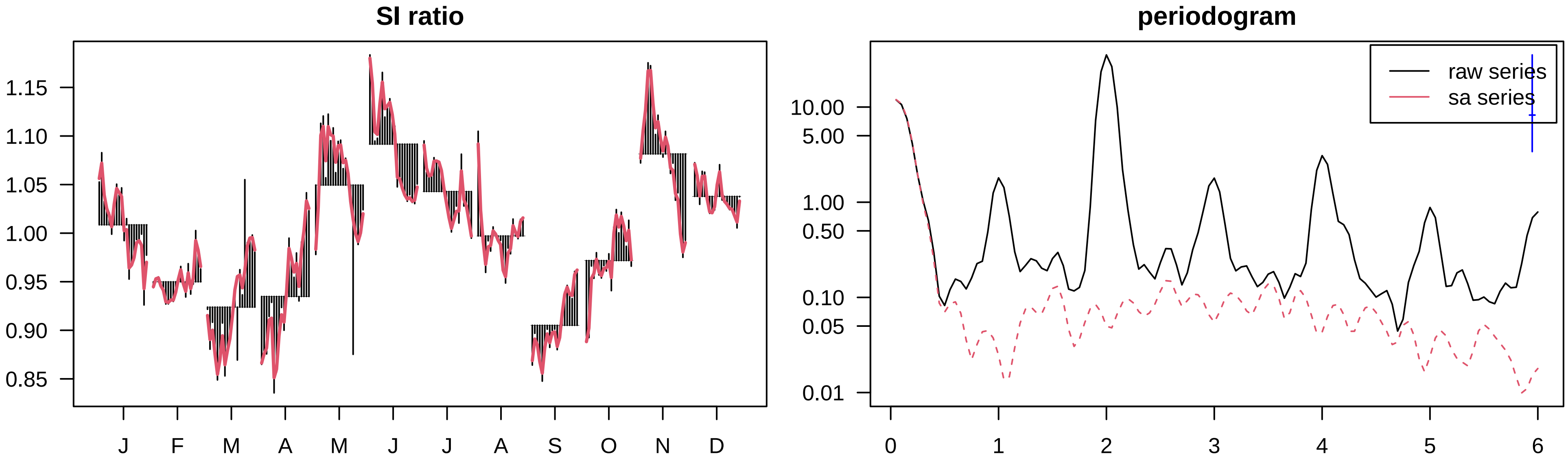

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

FATEXP_14

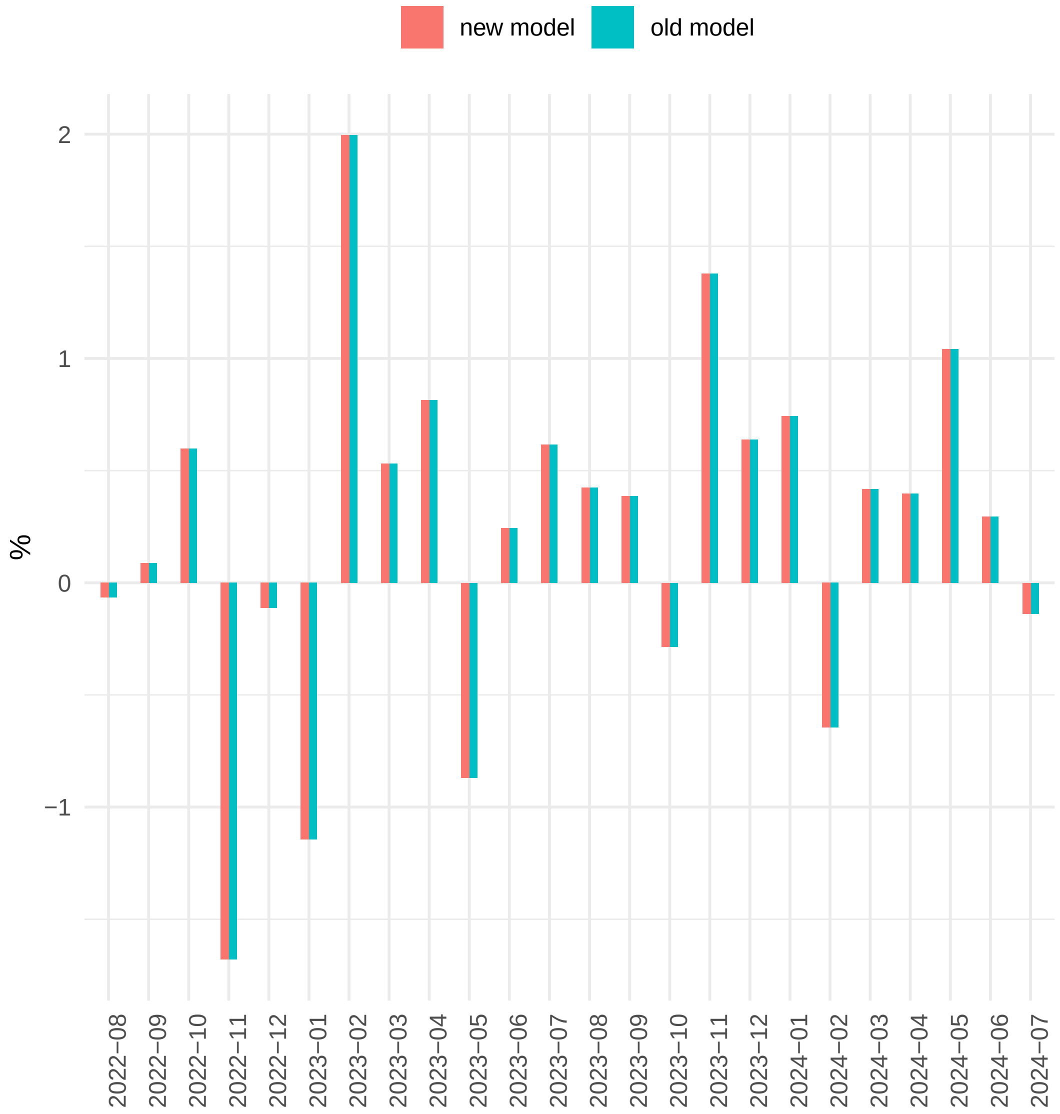

raw and wda
raw and sa
seasonality
outliers
40
45
50
55
60
65
85
90
95
100
105
110
115
0.90
0.95
1.00
1.05
1.10
2005
2010
2015
2020
2025

FATEXP_14

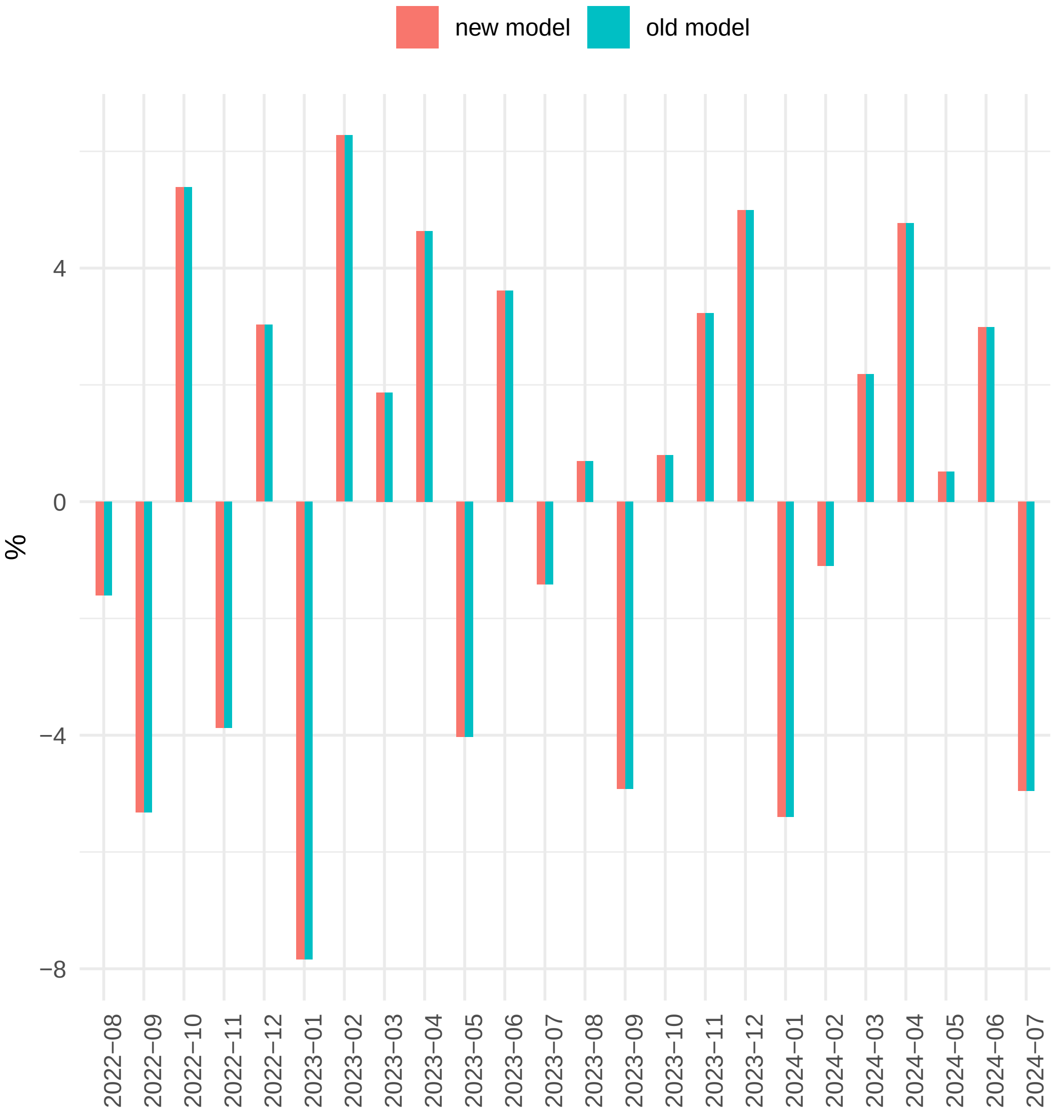

SI ratio
1.15
1.10
1.05
1.00
0.95
0.90
0.85
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
10.00
5.00
1.00
0.50
0.10
0.05
0.01
0
1
2
3
4
5
6

FATEXP_14

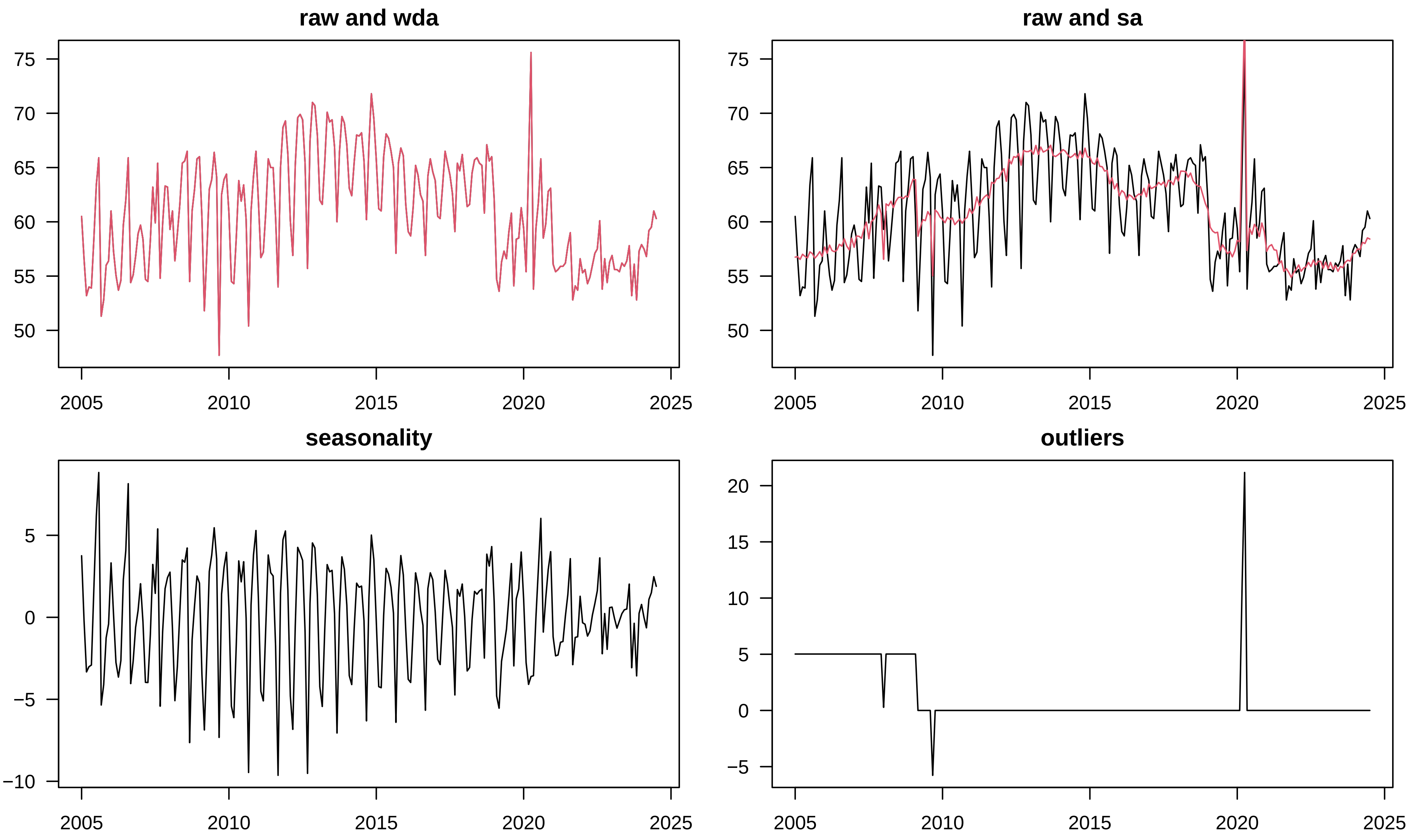
Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni



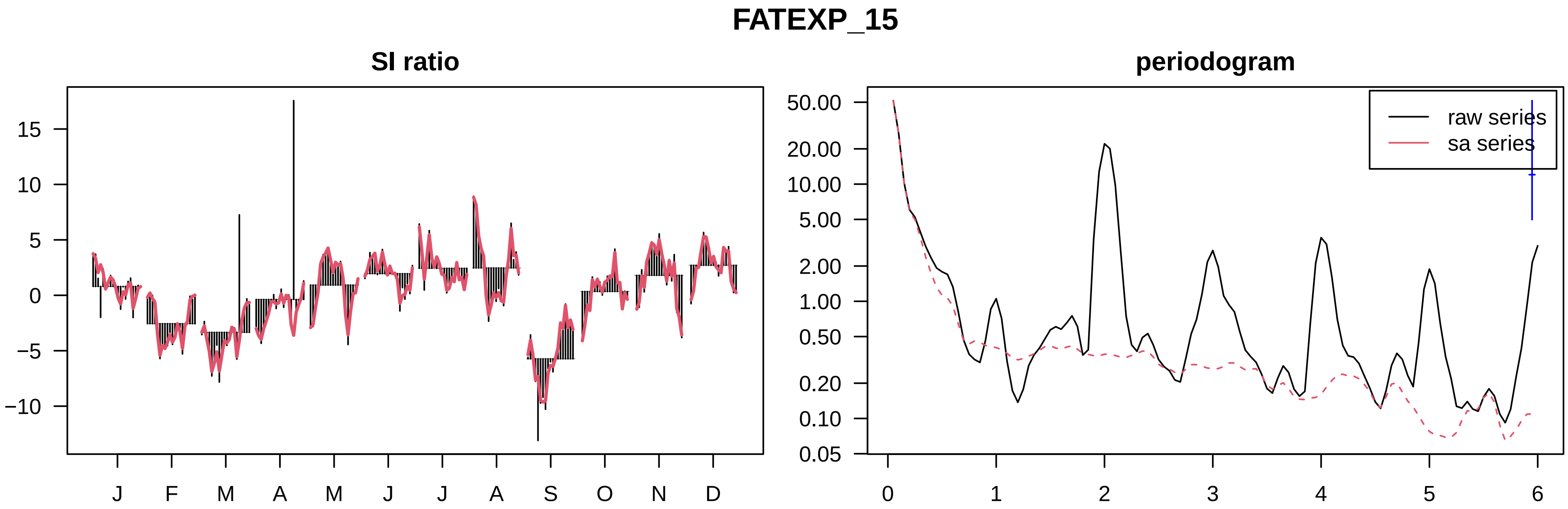
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni



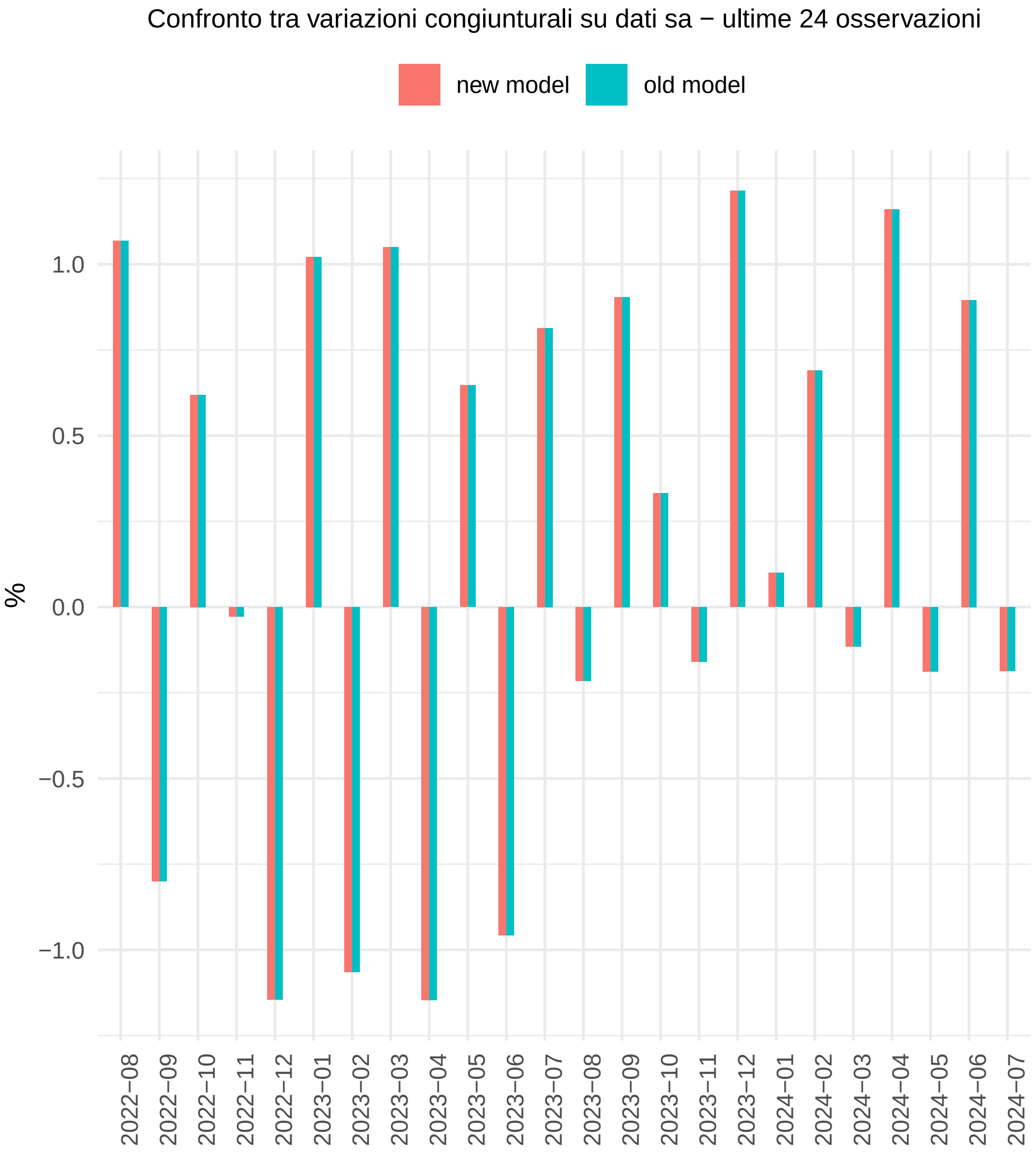
FATEXP_15

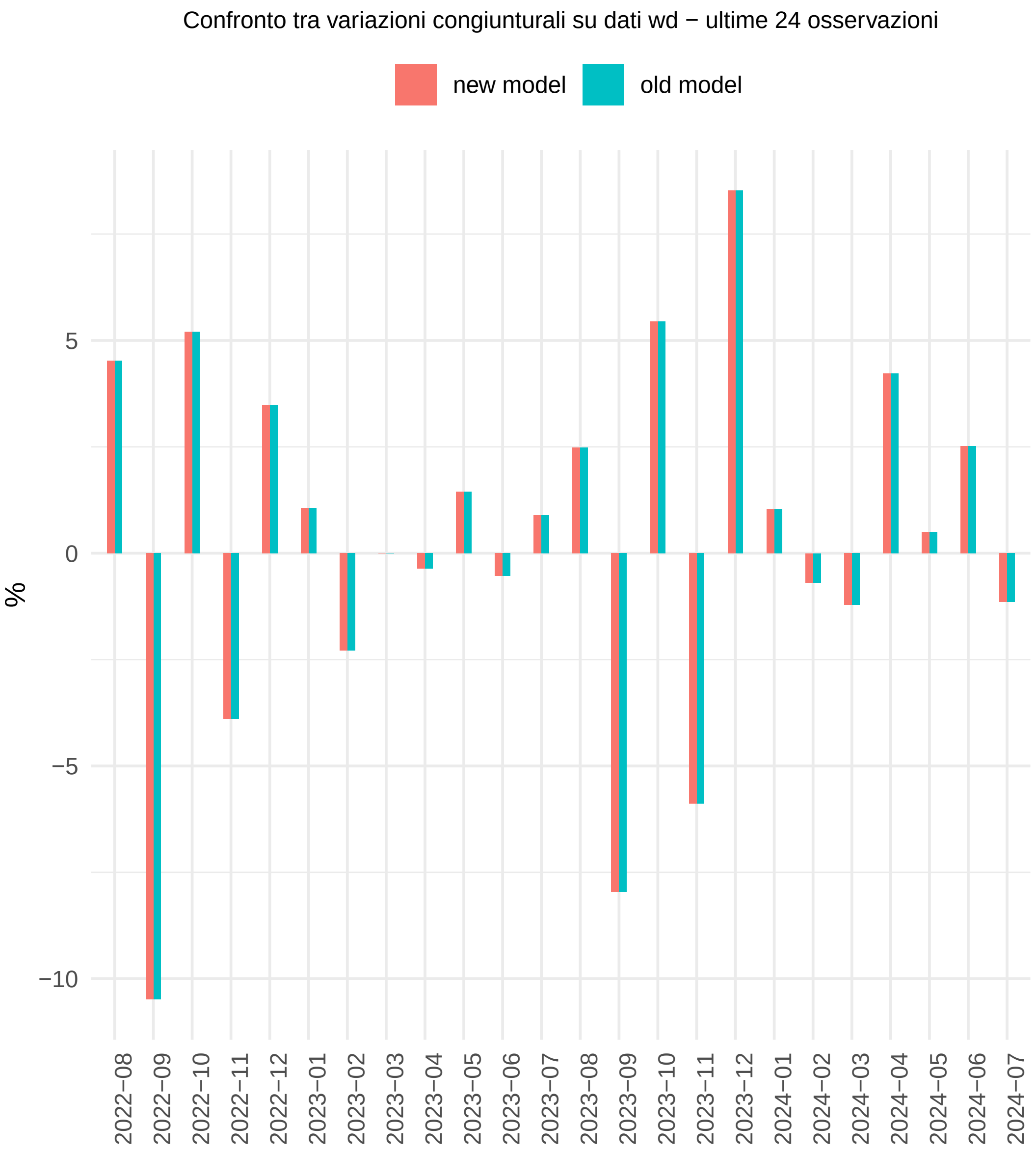


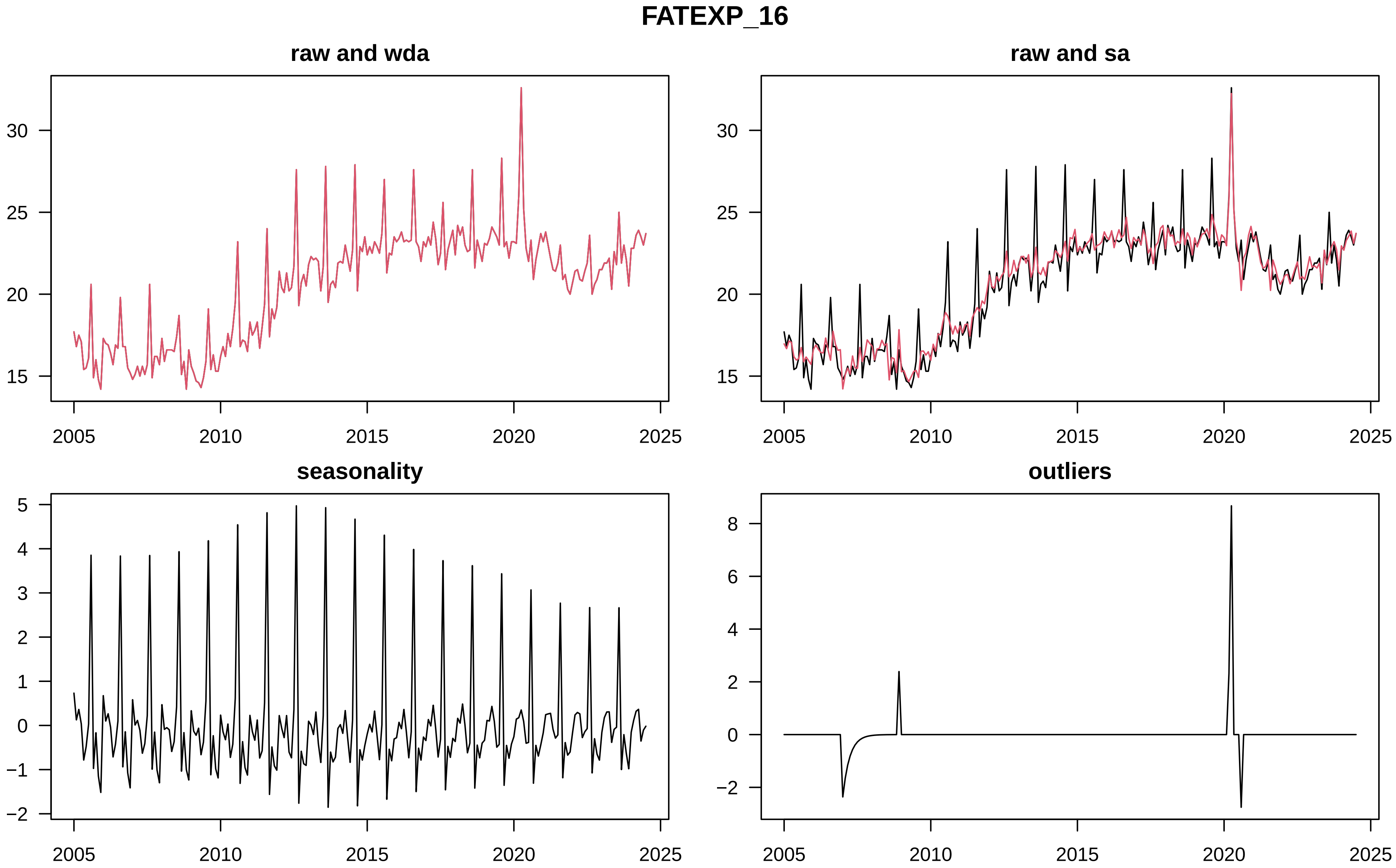
raw and wda
raw and sa
seasonality
outliers
75
70
65
60
55
50
5
0
−5
−10
20
15
10
5
0
−5
2005
2010
2015
2020
2025


FATEXP_15
SI ratio
15
10
5
0
−5
−10
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
50.00
20.00
10.00
5.00
2.00
1.00
0.50
0.20
0.10
0.05
0
1
2
3
4
5
6
raw series
sa series

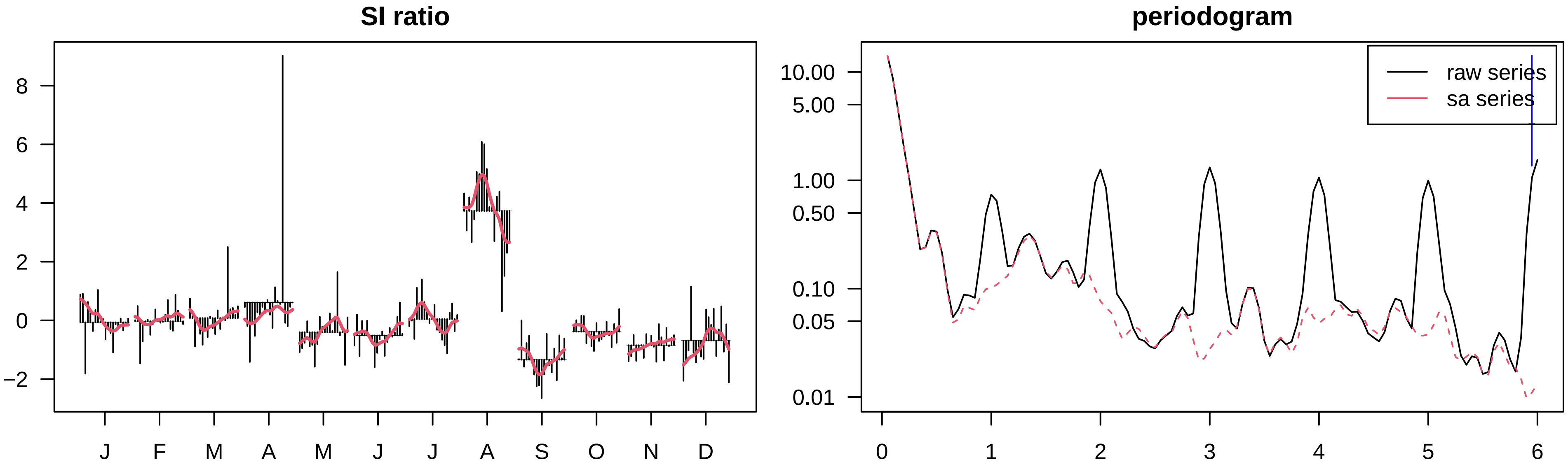
FATEXP_15


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

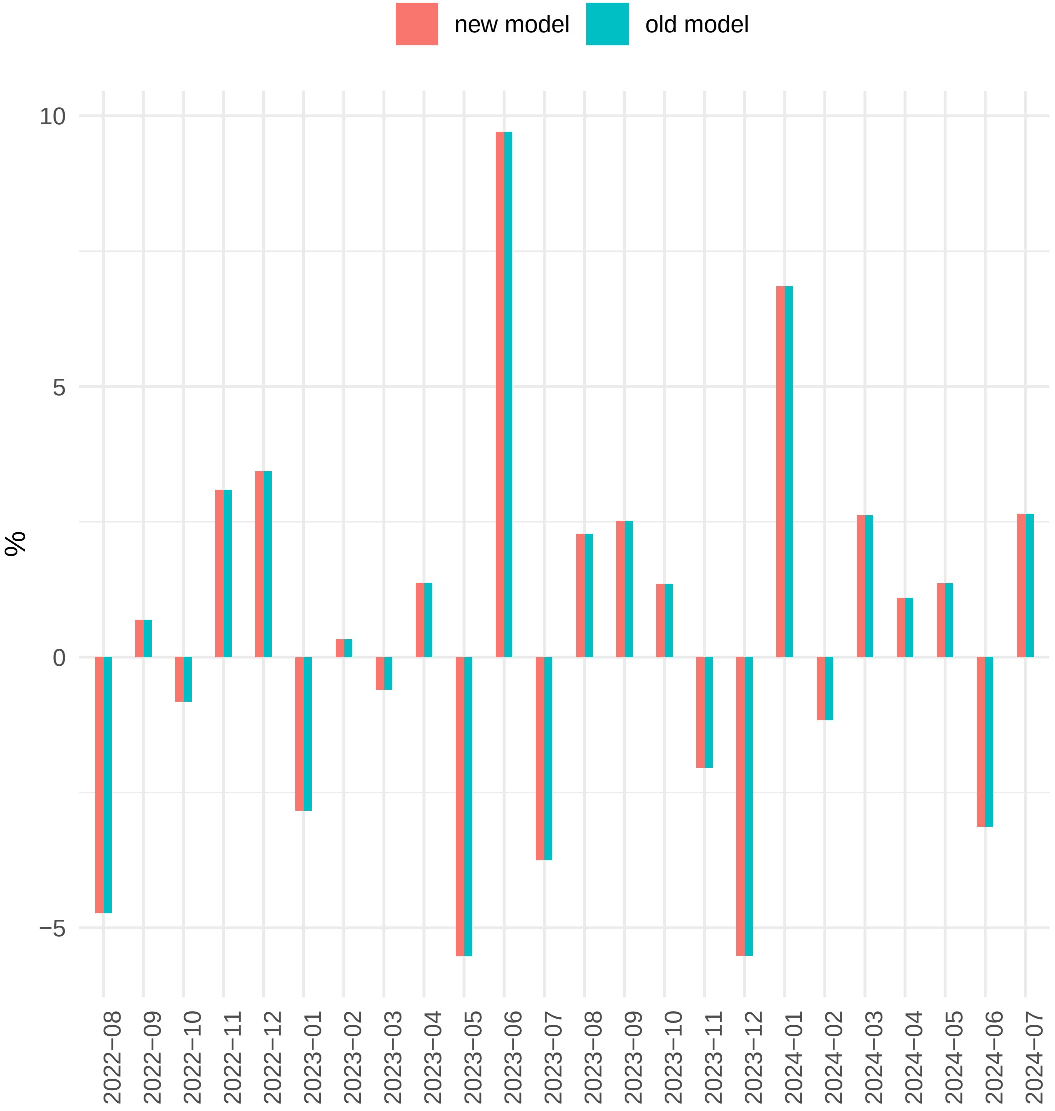

FATEXP_16
raw and wda
raw and sa
seasonality
outliers
30
25
20
15
5
4
3
2
1
0
−1
−2
8
6
4
2
0
−2
2005
2010
2015
2020
2025

FATEXP_16

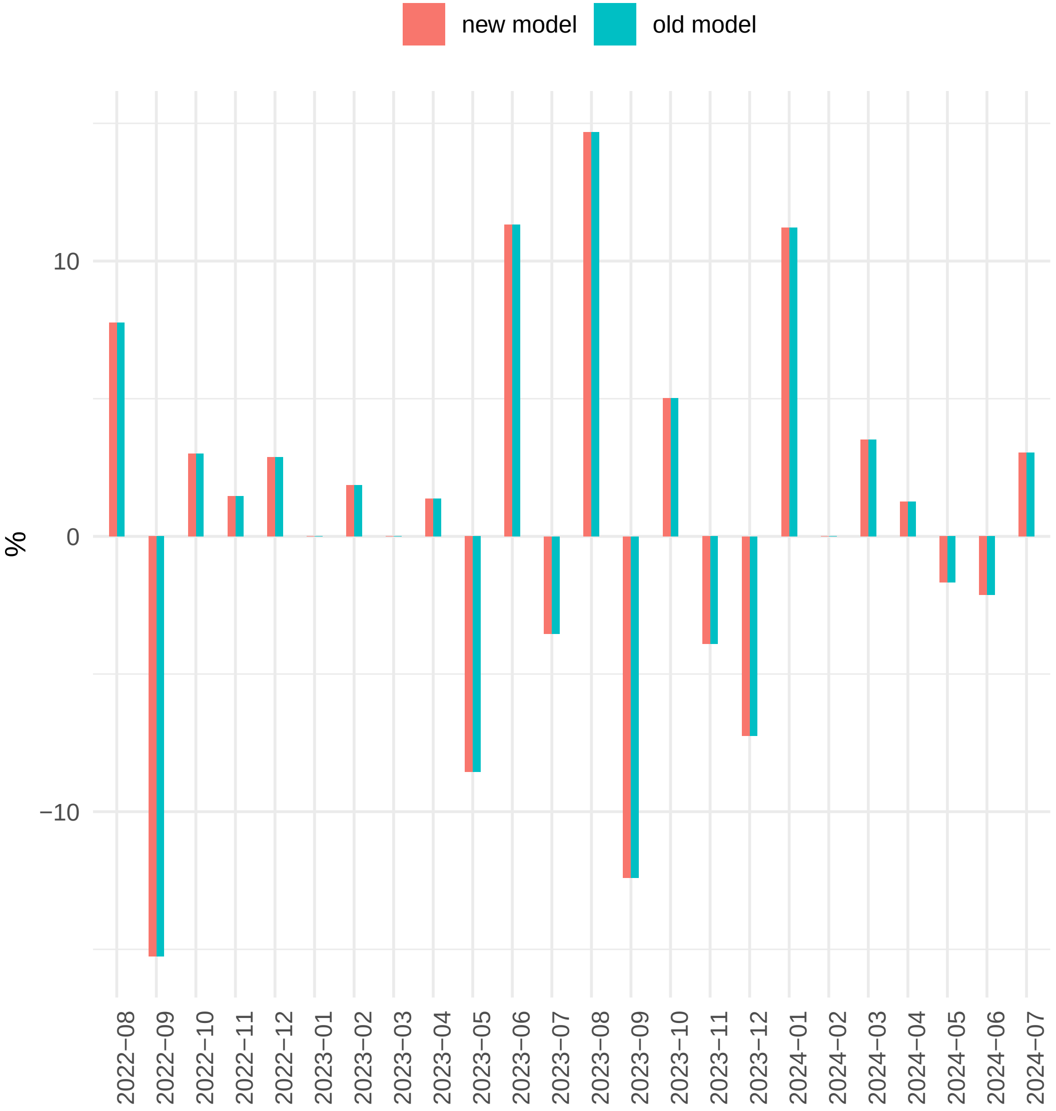

SI ratio
8
6
4
2
0
−2
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
10.00
5.00
1.00
0.50
0.10
0.05
0.01
0
1
2
3
4
5
6
raw series
sa series

FATEXP_16

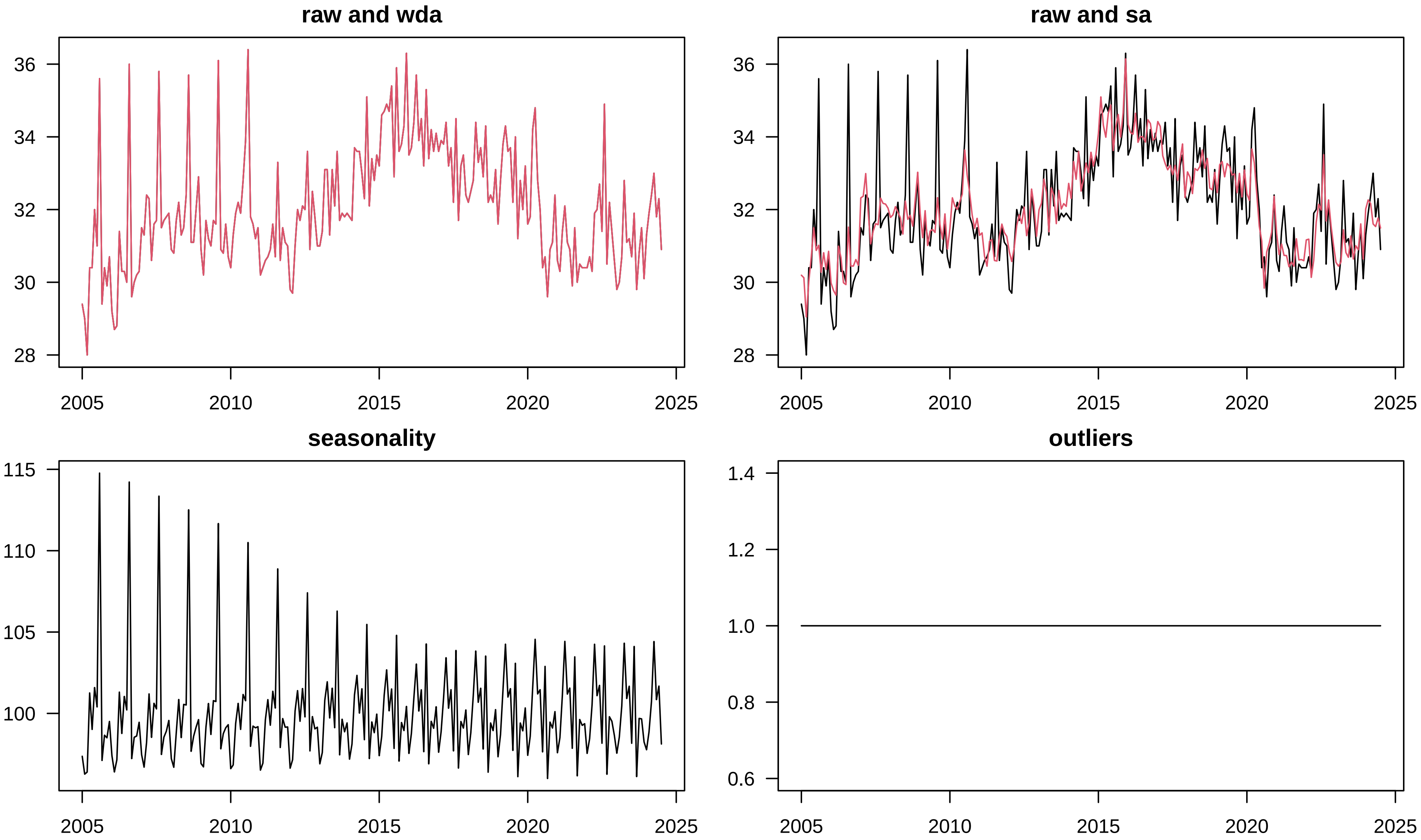
Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni



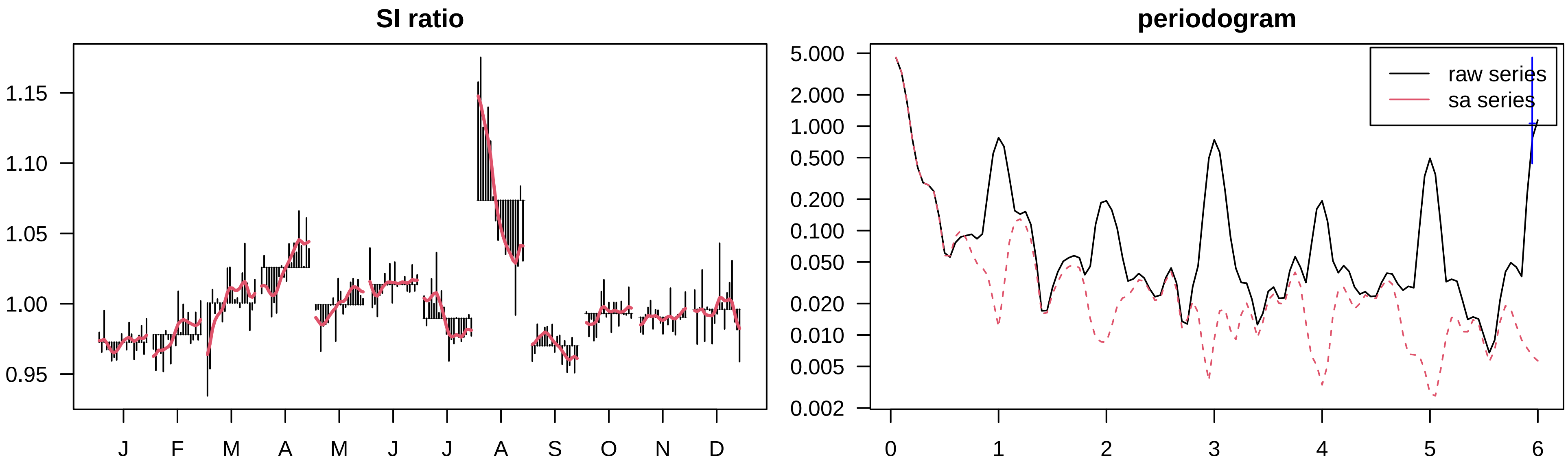
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni



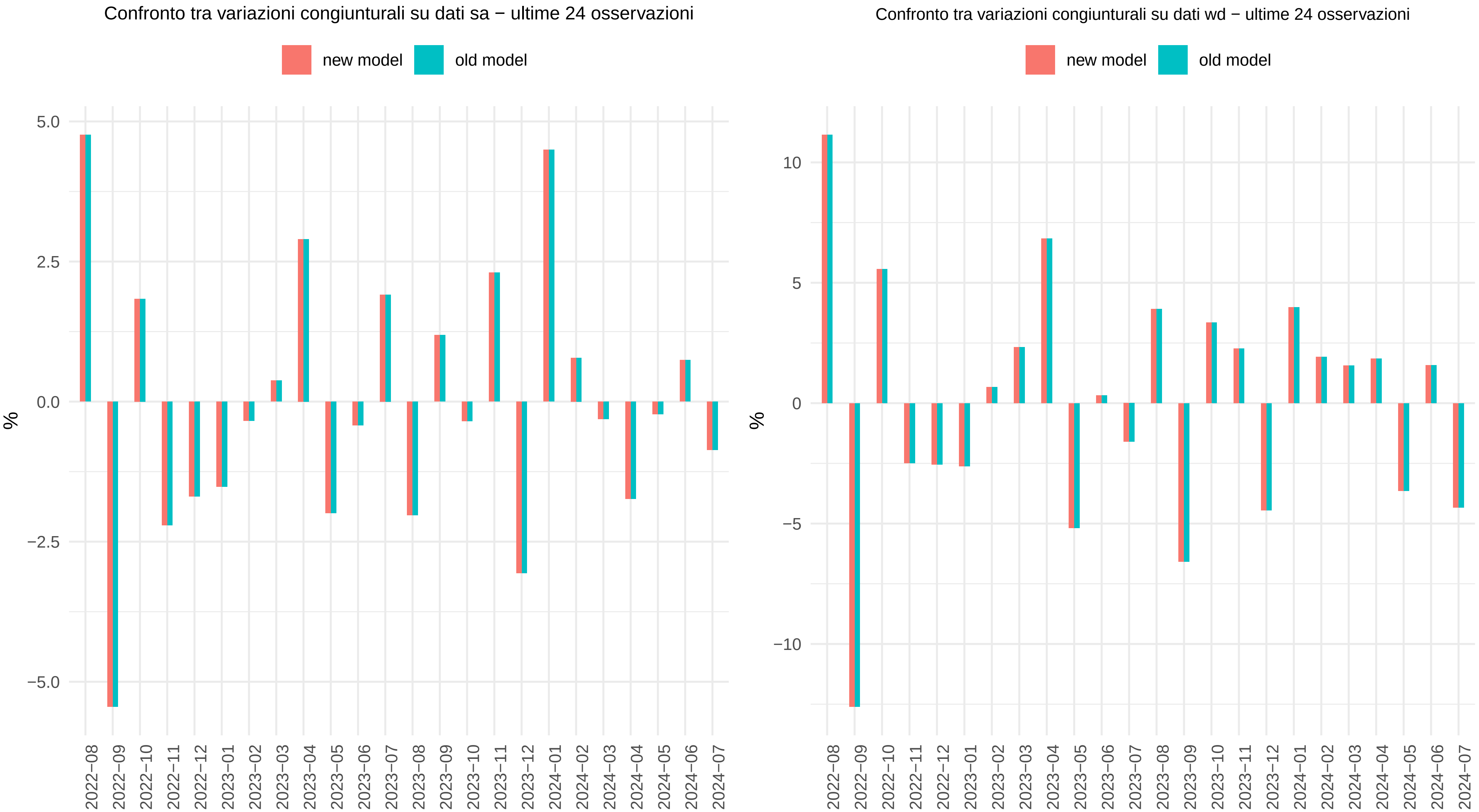
FATEXP_17


raw and wda
36
34
32
30
28
2005
2010
2015
2020
2025
raw and sa
36
34
32
30
28
2005
2010
2015
2020
2025
seasonality
115
110
105
100
2005
2010
2015
2020
2025
outliers
1.4
1.2
1.0
0.8
0.6
2005
2010
2015
2020
2025

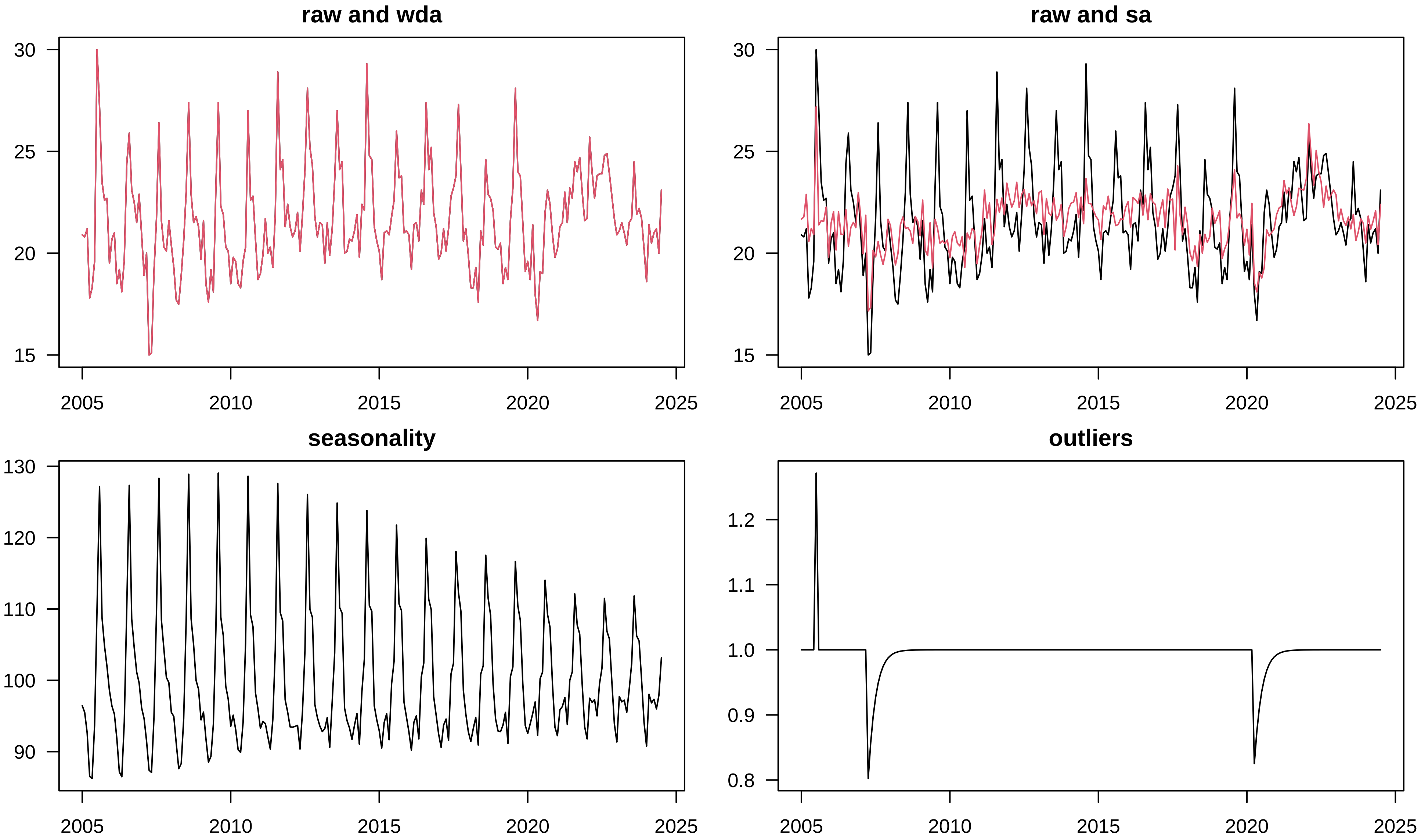
FATEXP_17


SI ratio
1.15
1.10
1.05
1.00
0.95
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
5.000
2.000
1.000
0.500
0.200
0.100
0.050
0.020
0.010
0.005
0.002
0
1
2
3
4
5
6
raw series
sa series

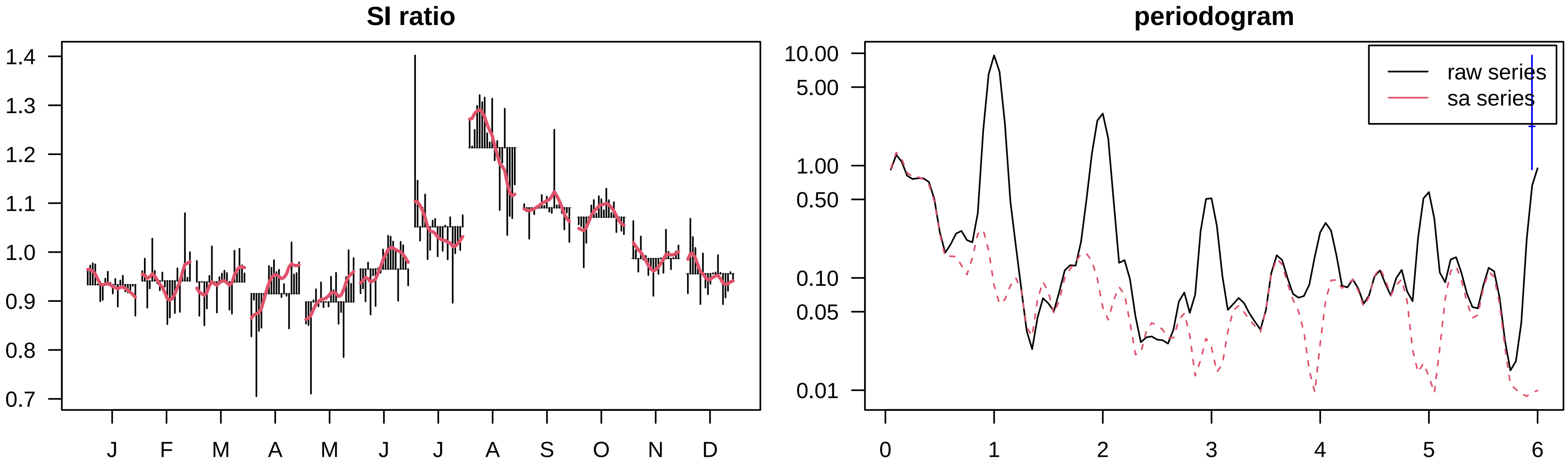
FATEXP_17


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
5.0
2.5
0.0
−2.5
−5.0
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
10
5
0
−5
−10
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

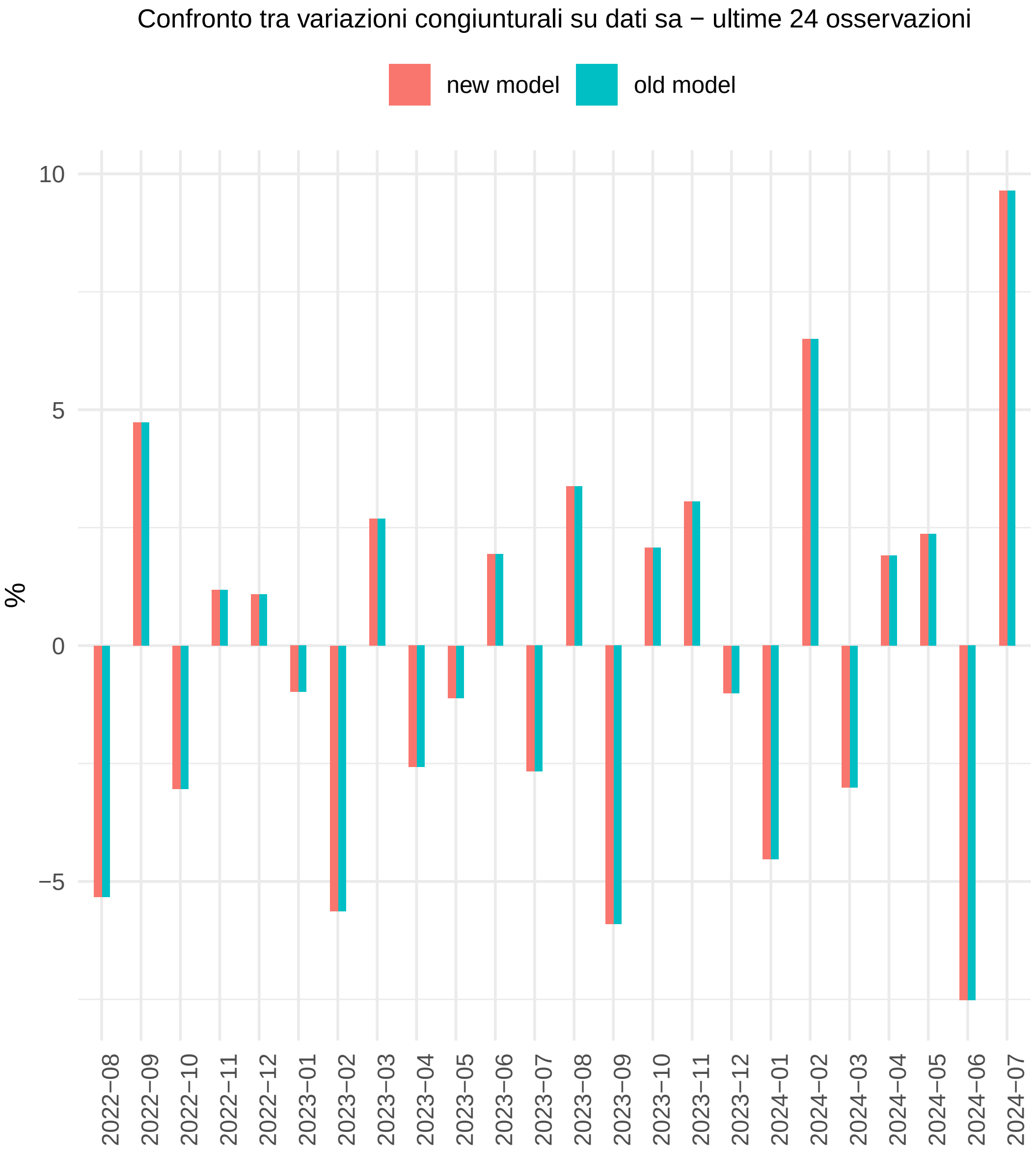
FATEXP_18


raw and wda
30
25
20
15
2005
2010
2015
2020
2025
raw and sa
30
25
20
15
2005
2010
2015
2020
2025
seasonality
130
120
110
100
90
2005
2010
2015
2020
2025
outliers
1.2
1.1
1.0
0.9
0.8
2005
2010
2015
2020
2025

FATEXP_18


SI ratio
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
10.00
5.00
1.00
0.50
0.10
0.05
0.01
0
1
2
3
4
5
6
raw series
sa series

FATEXP_18



Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
10
5
0
−5
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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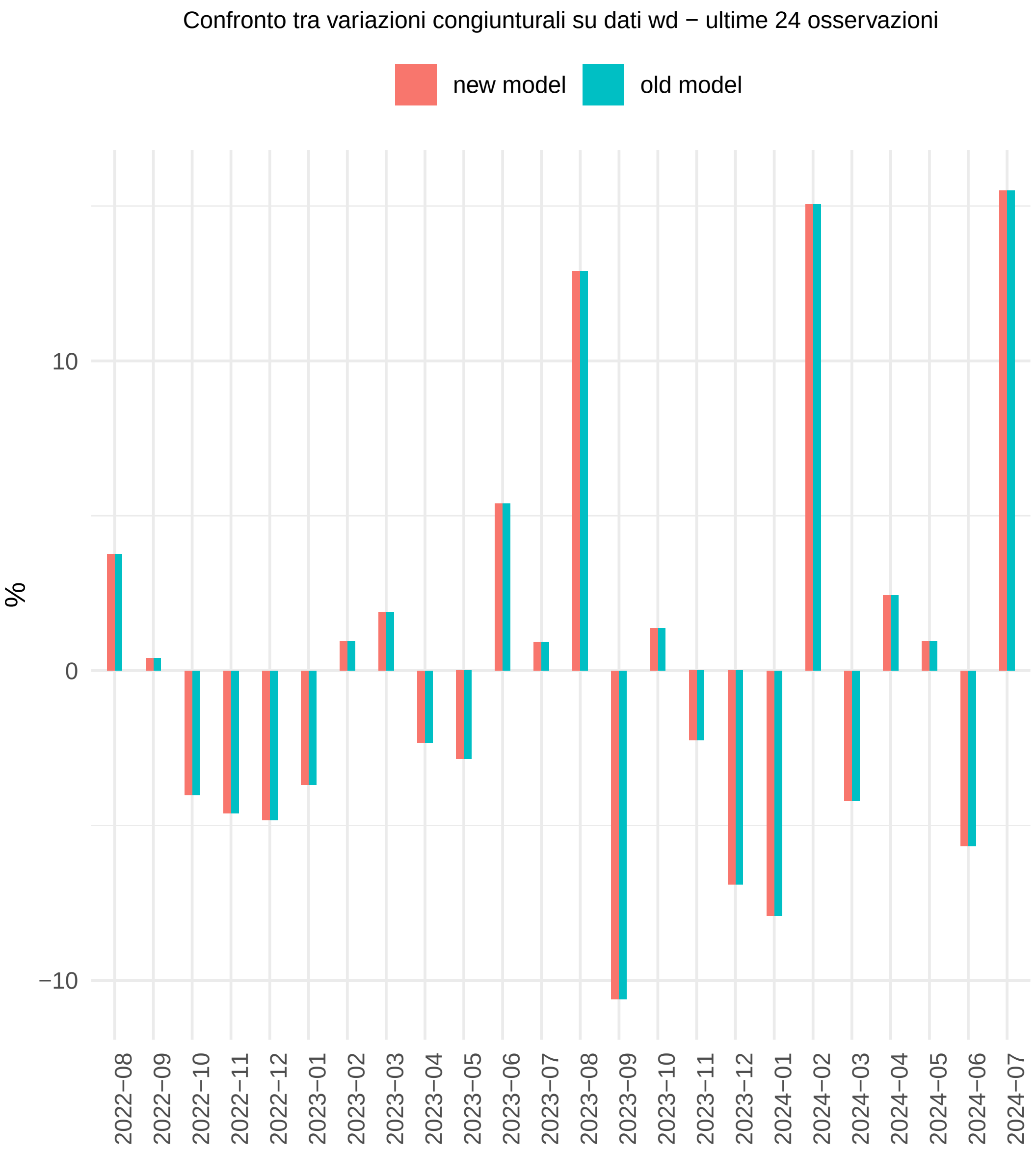
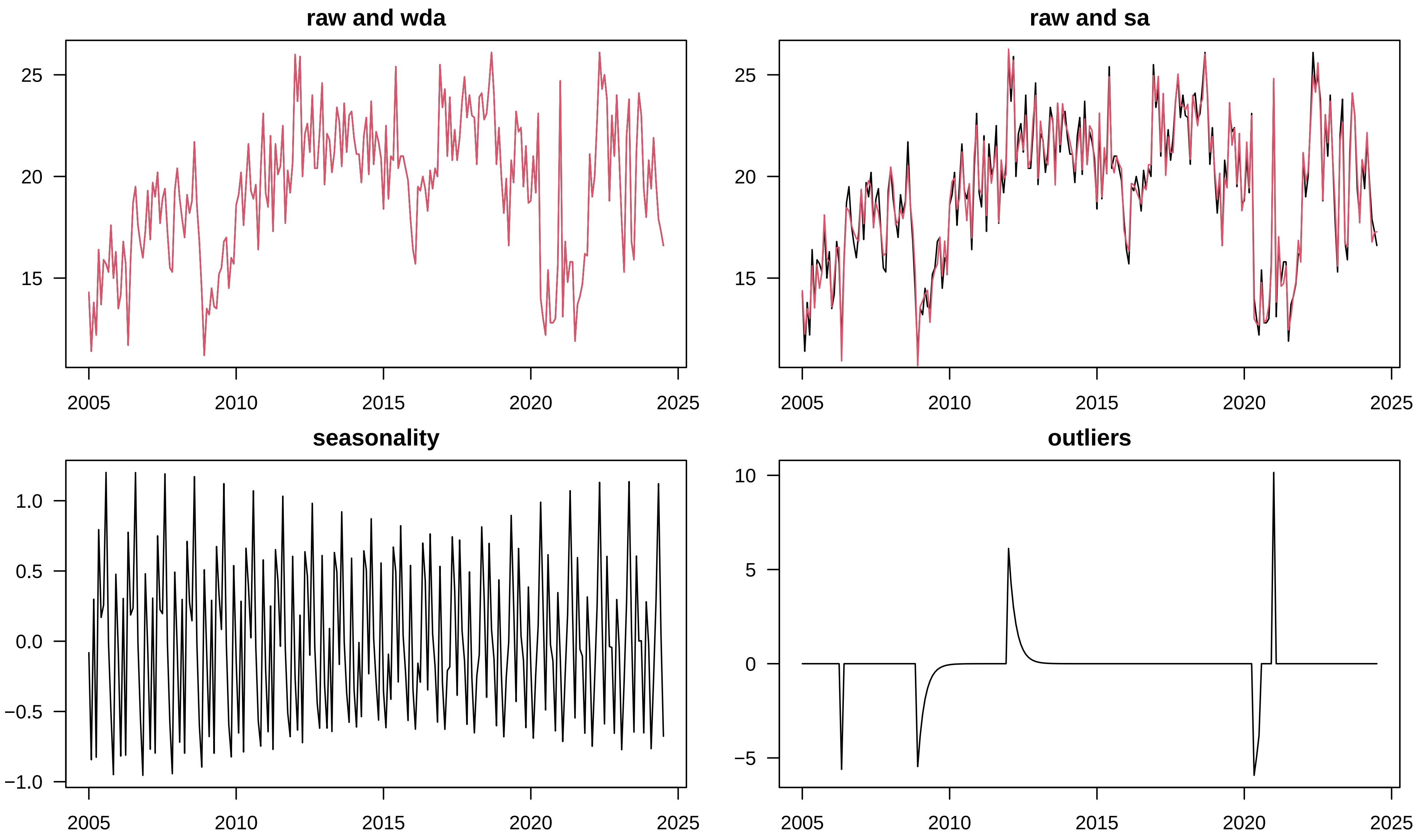
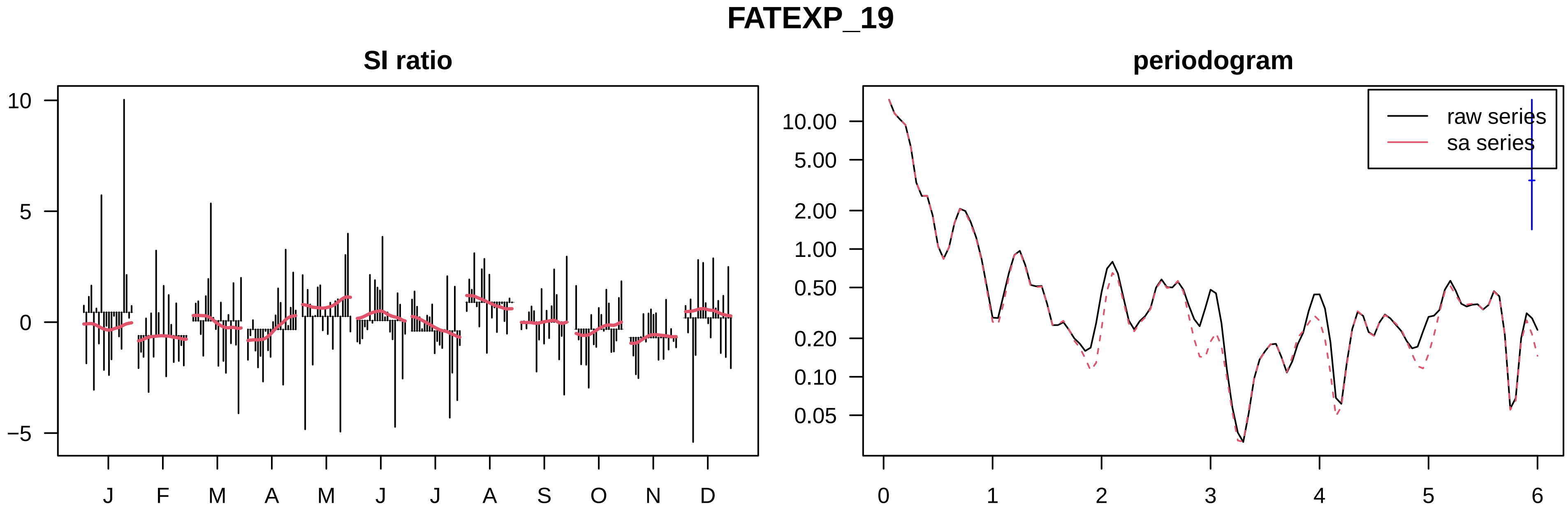
2024−05
2024−06
2024−07



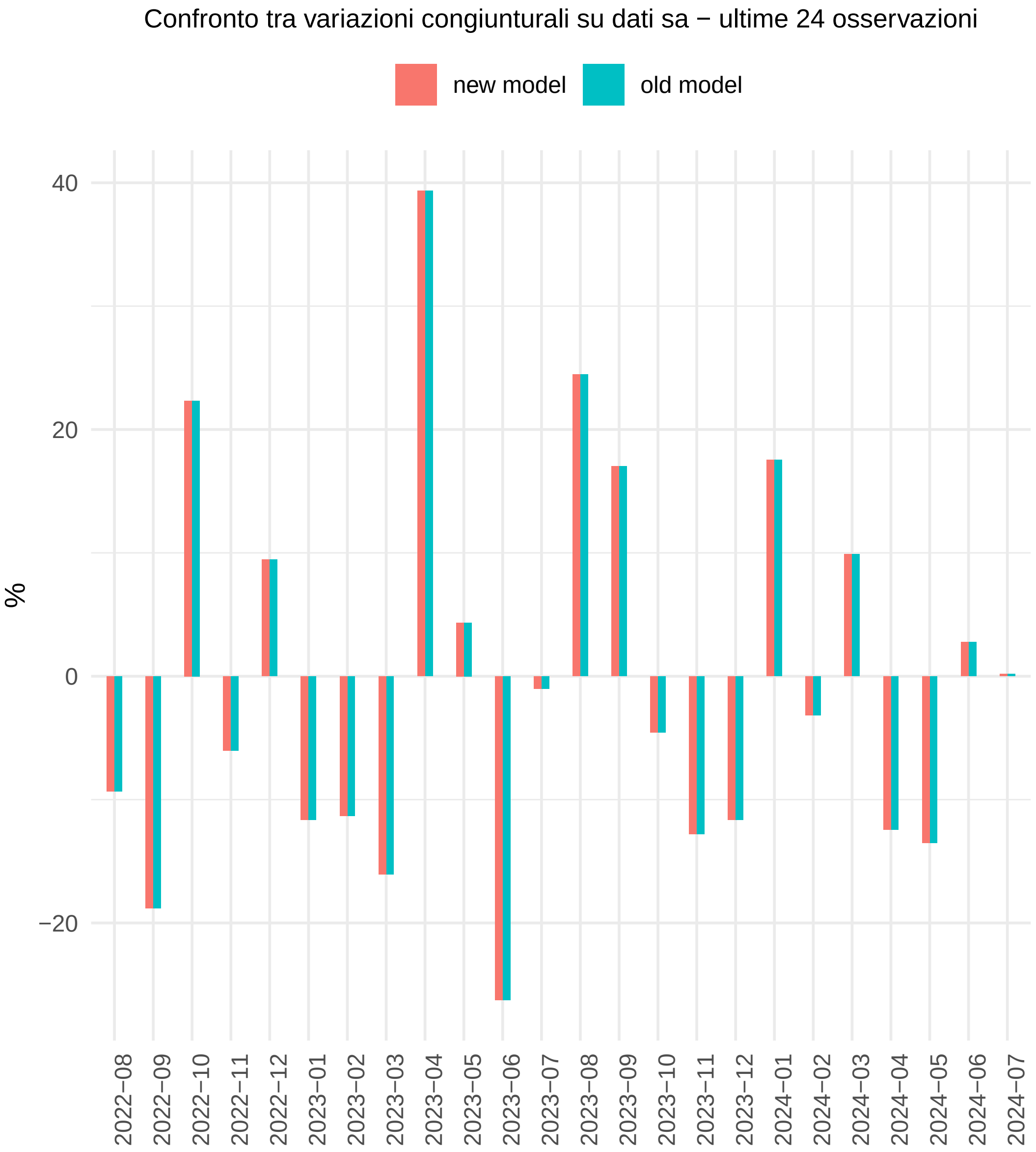
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
10
0
−10
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

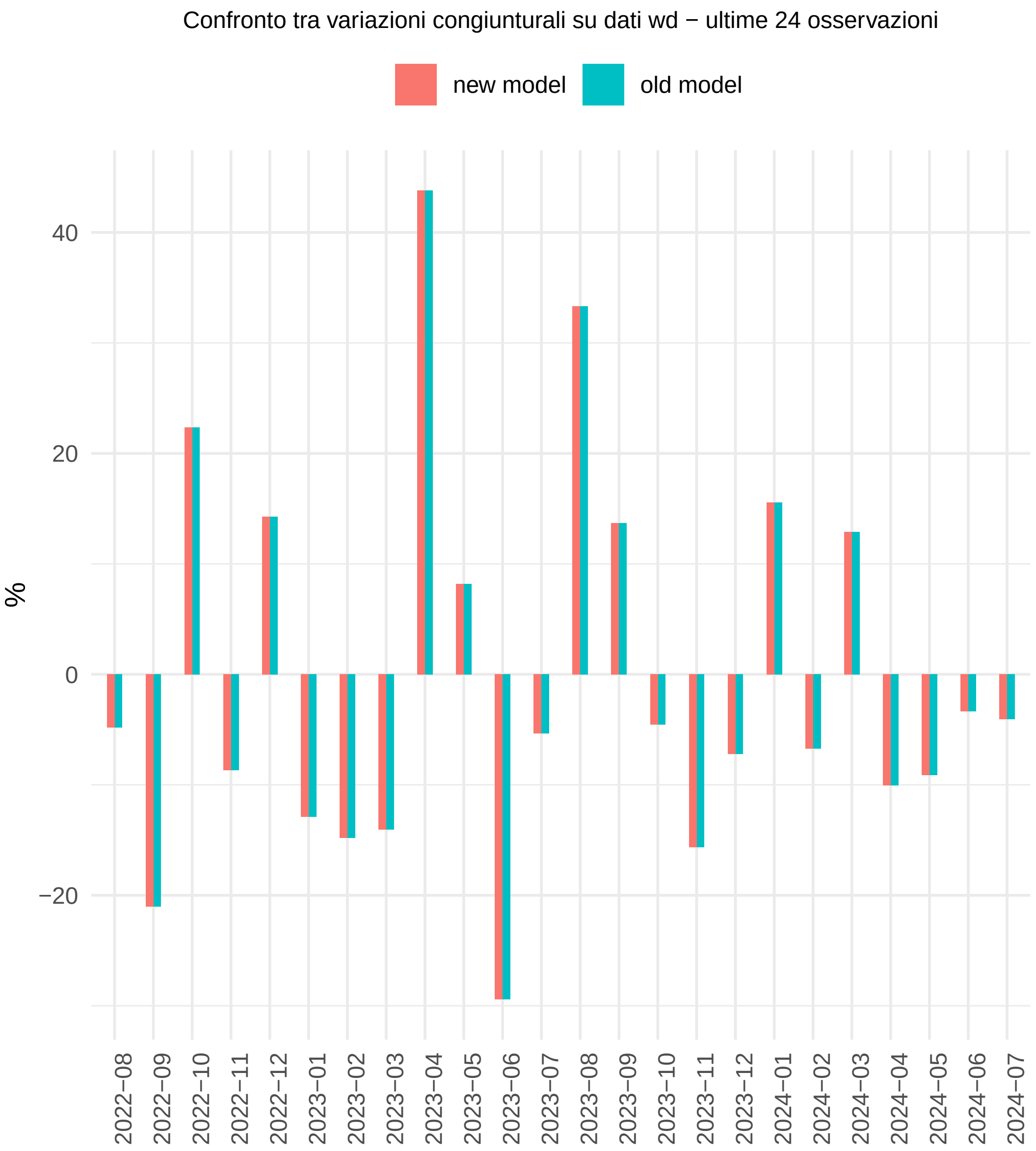
FATEXP_19

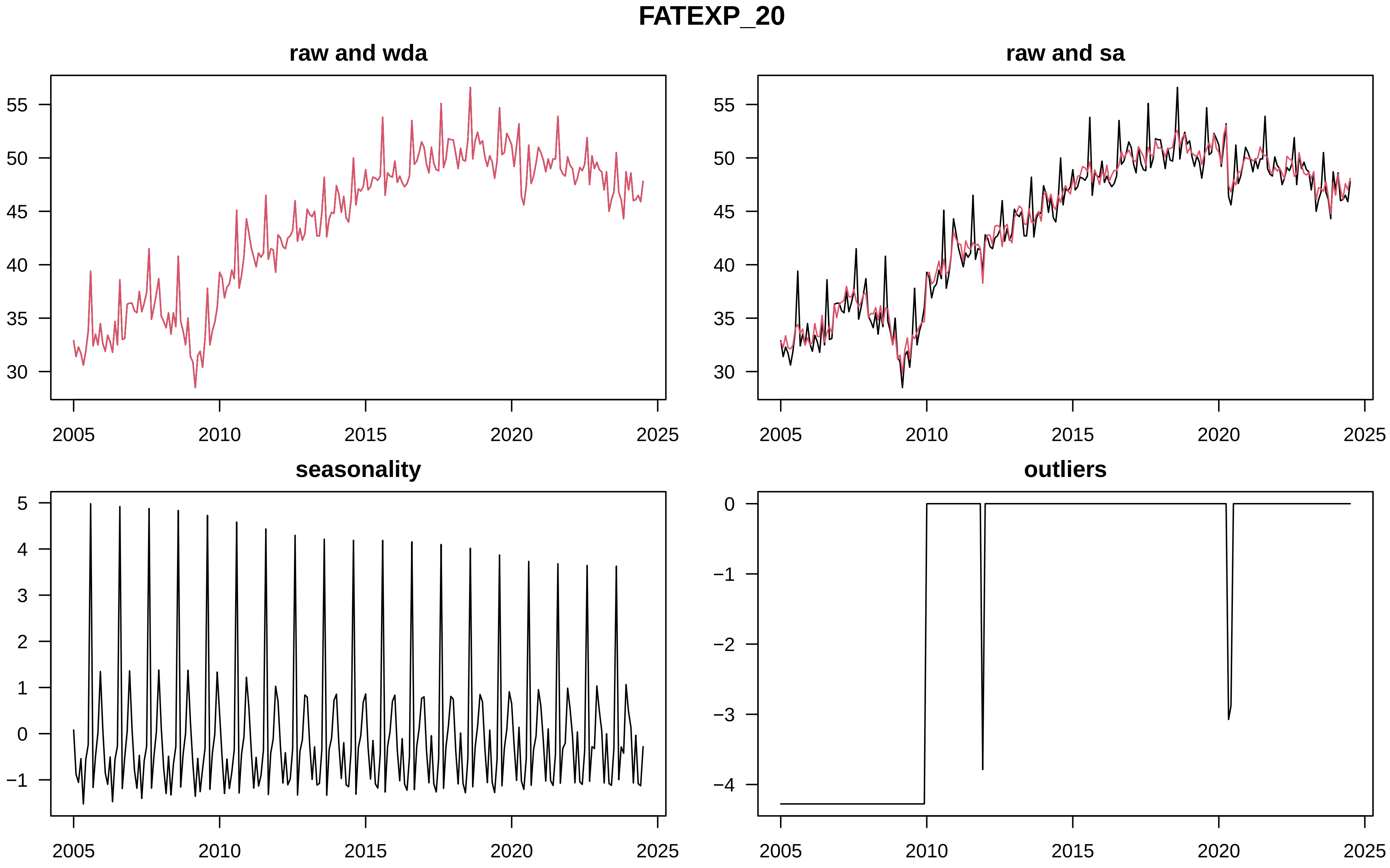

raw and wda
25
20
15
2005
2010
2015
2020
2025
raw and sa
25
20
15
2005
2010
2015
2020
2025
seasonality
1.0
0.5
0.0
−0.5
−1.0
2005
2010
2015
2020
2025
outliers
10
5
0
−5
2005
2010
2015
2020
2025


FATEXP_19
SI ratio
10
5
0
−5
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
10.00
5.00
2.00
1.00
0.50
0.20
0.10
0.05
0
1
2
3
4
5
6
raw series
sa series

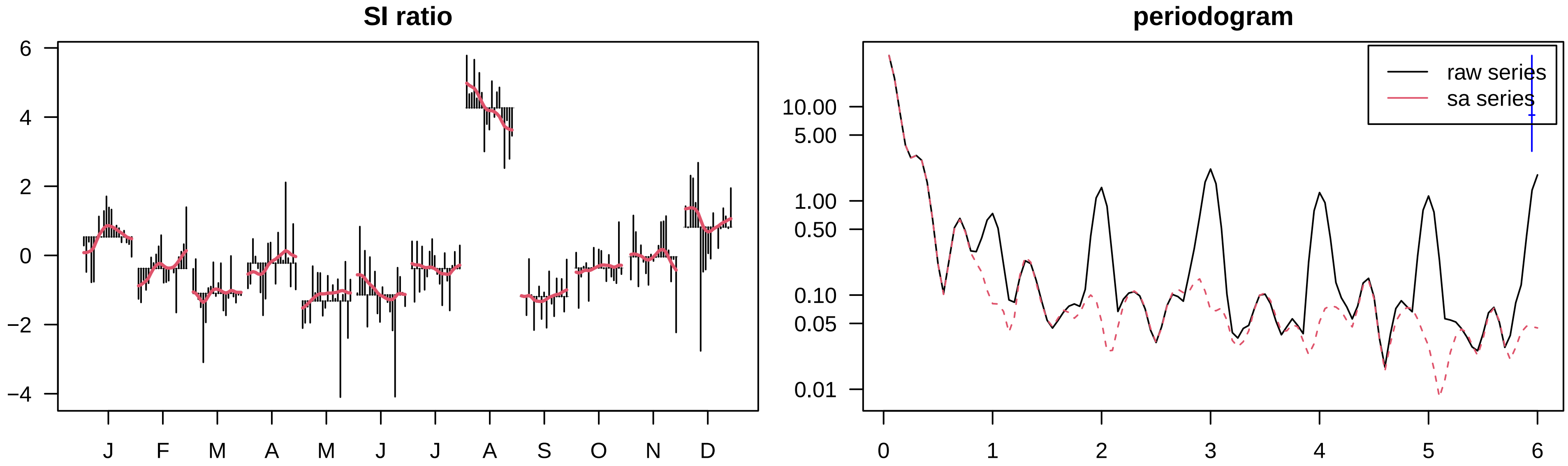
FATEXP_19


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

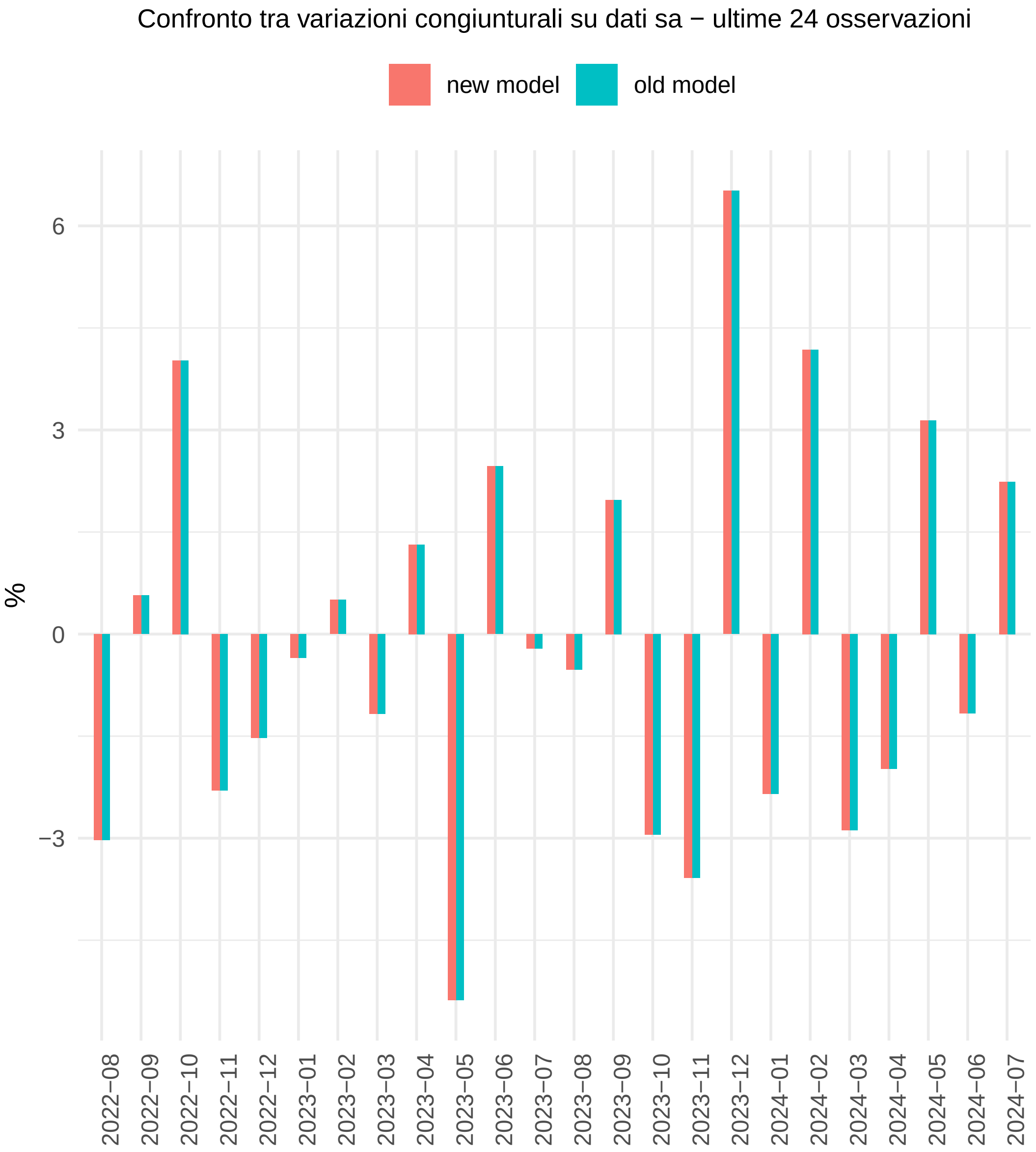

Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

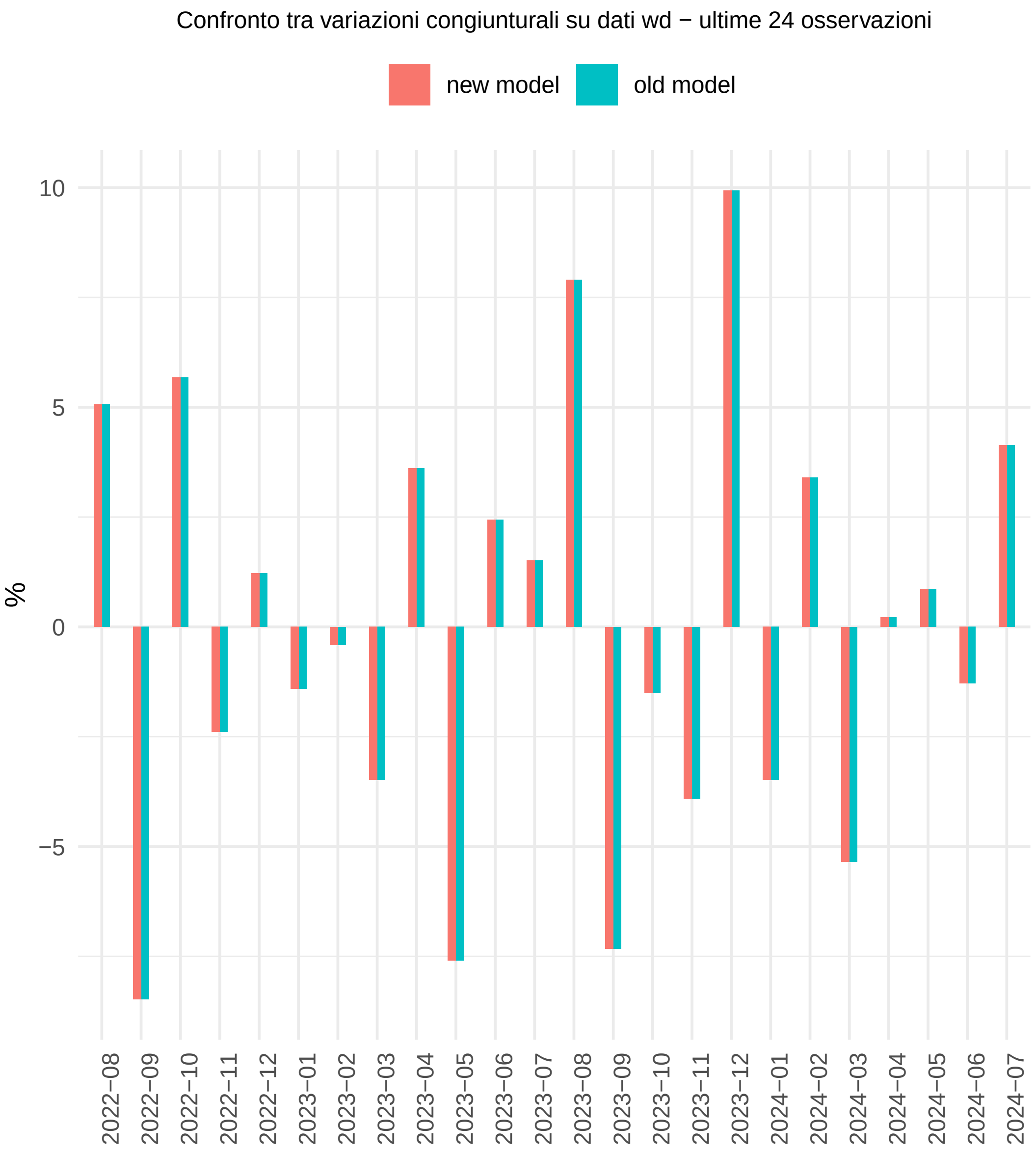

FATEXP_20
raw and wda
55
50
45
40
35
30
2005
2010
2015
2020
2025
raw and sa
55
50
45
40
35
30
2005
2010
2015
2020
2025
seasonality
5
4
3
2
1
0
−1
2005
2010
2015
2020
2025
outliers
0
−1
−2
−3
−4
2005
2010
2015
2020
2025

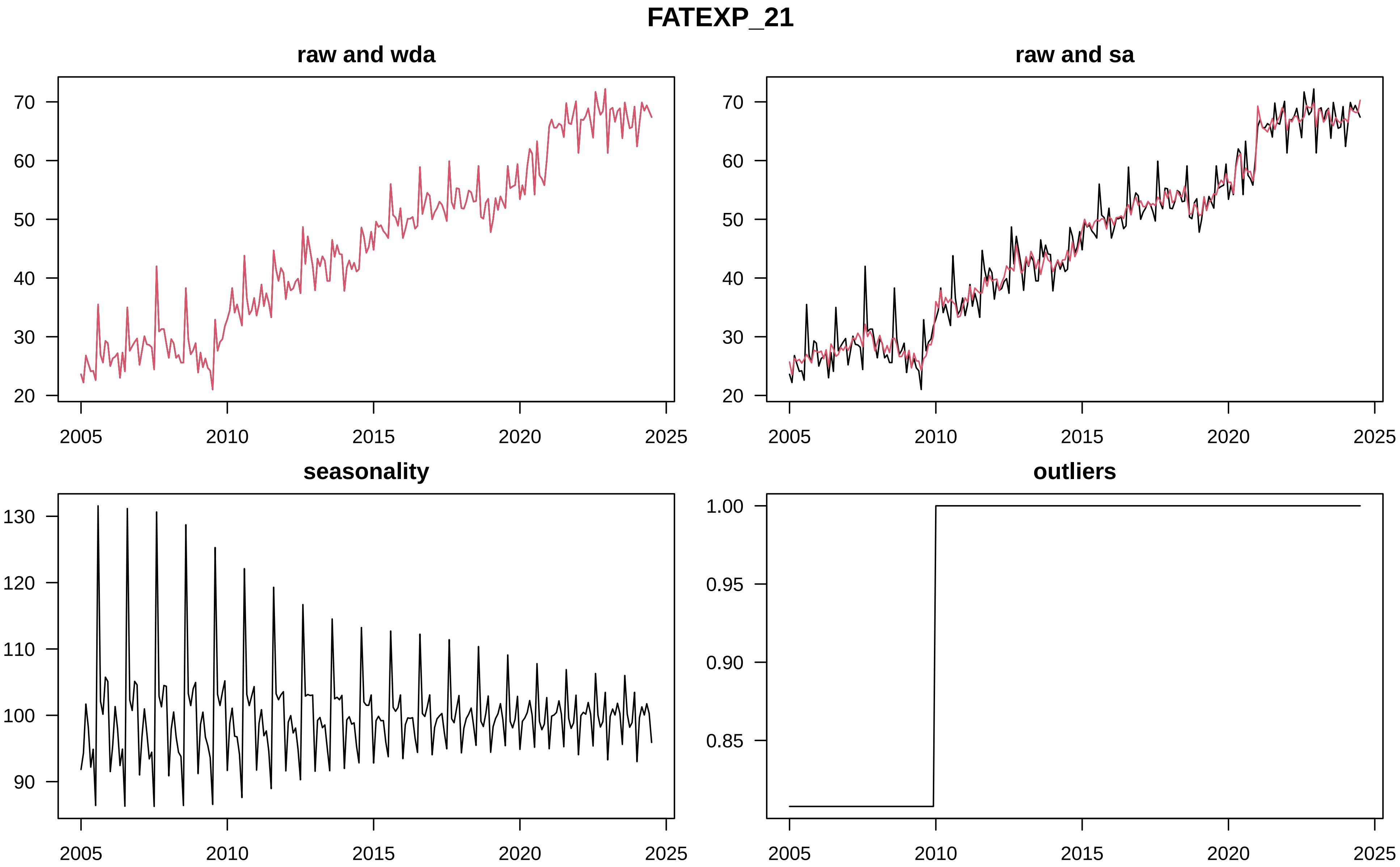
FATEXP_20


SI ratio
6
4
2
0
−2
−4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
10.00
5.00
1.00
0.50
0.10
0.05
0.01
0
1
2
3
4
5
6

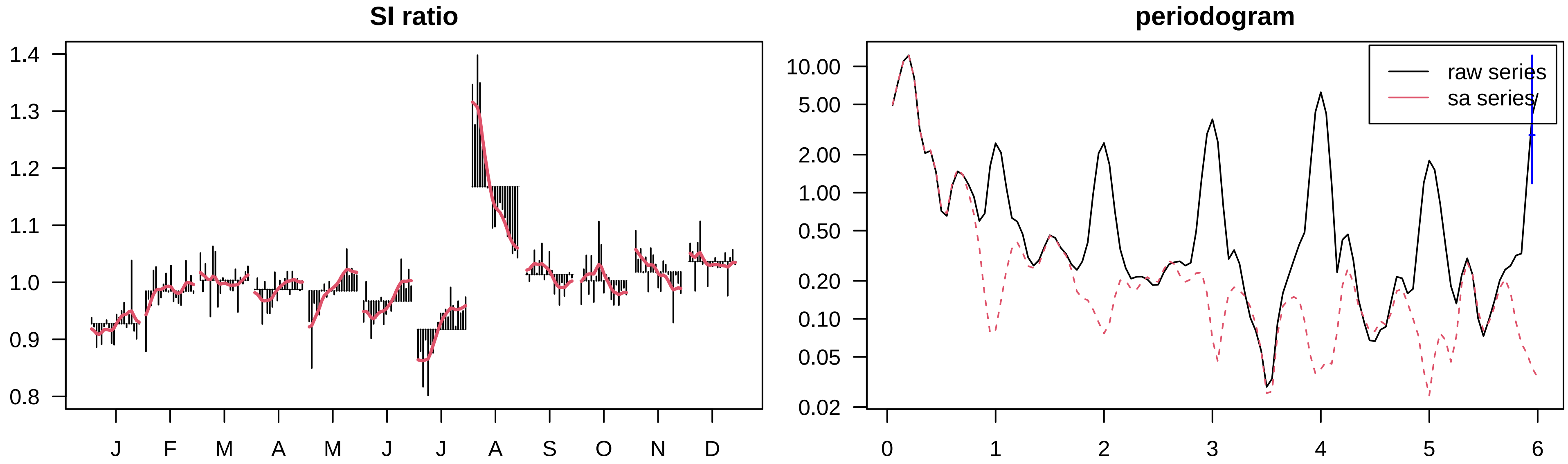
FATEXP_20


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
6
3
0
−3
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

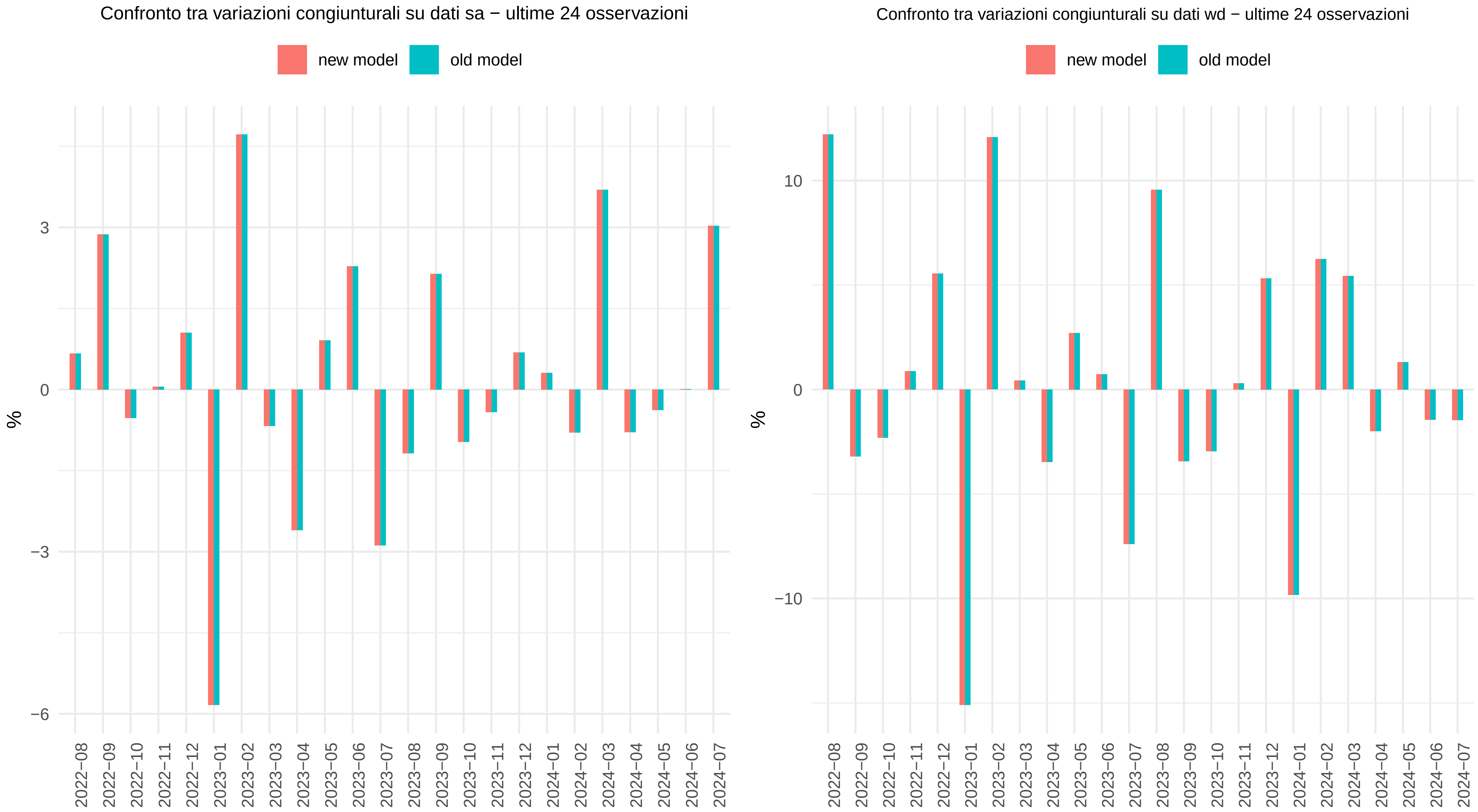

Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
10
5
0
−5
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

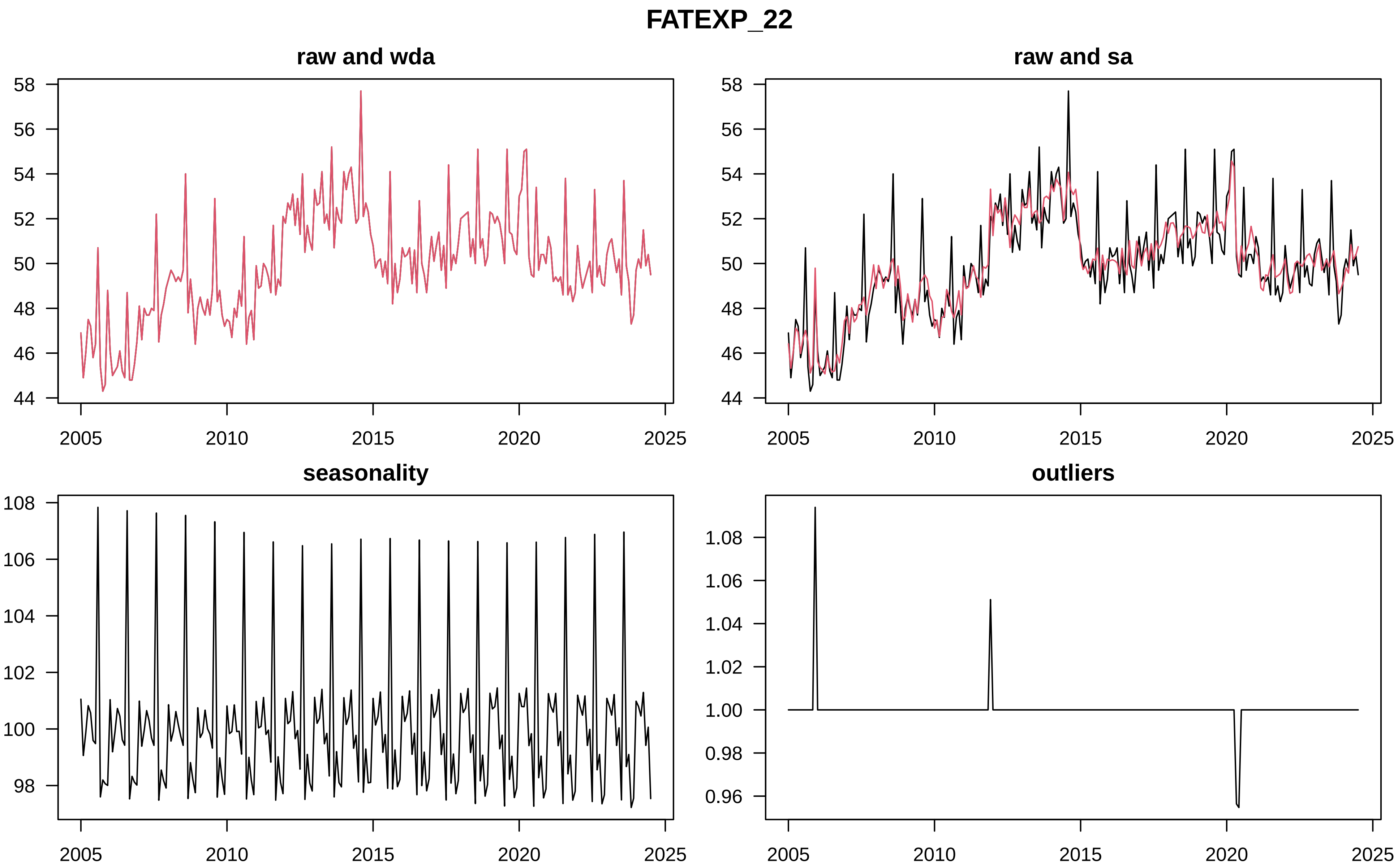

FATEXP_21
raw and wda
70
60
50
40
30
20
2005
2010
2015
2020
2025
raw and sa
70
60
50
40
30
20
2005
2010
2015
2020
2025
seasonality
130
120
110
100
90
2005
2010
2015
2020
2025
outliers
1.00
0.95
0.90
0.85
2005
2010
2015
2020
2025

FATEXP_21


SI ratio
1.4
1.3
1.2
1.1
1.0
0.9
0.8
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
10.00
5.00
2.00
1.00
0.50
0.20
0.10
0.05
0.02
0
1
2
3
4
5
6

FATEXP_21


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
3
0
−3
−6
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
10
0
−10
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07



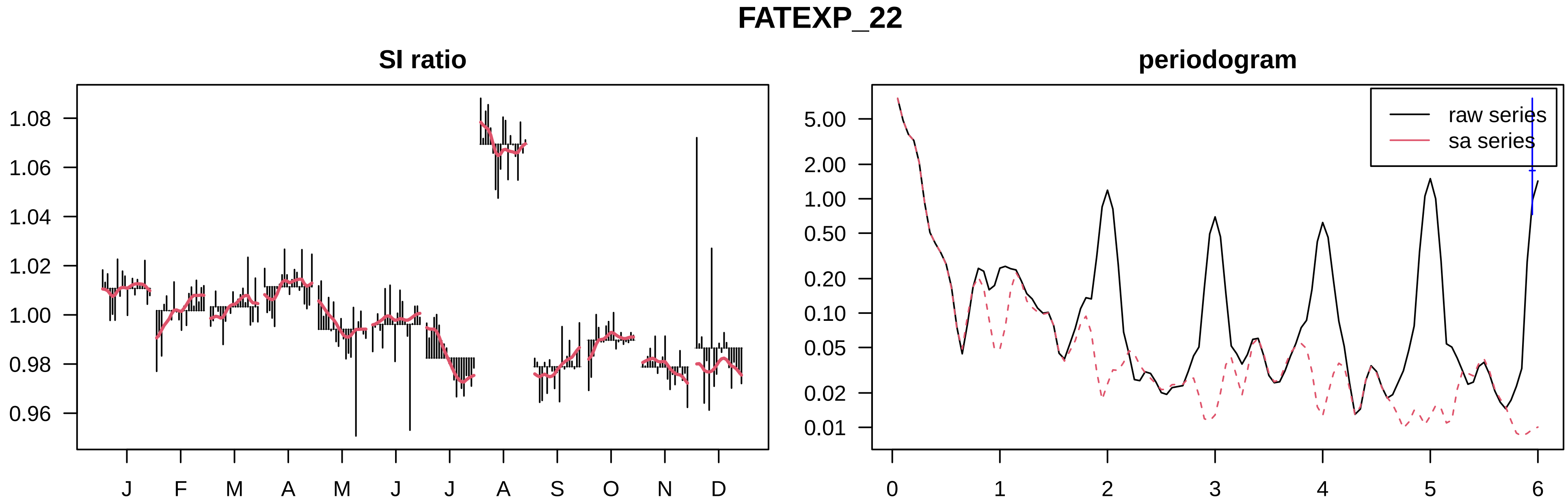
FATEXP_22

raw and wda

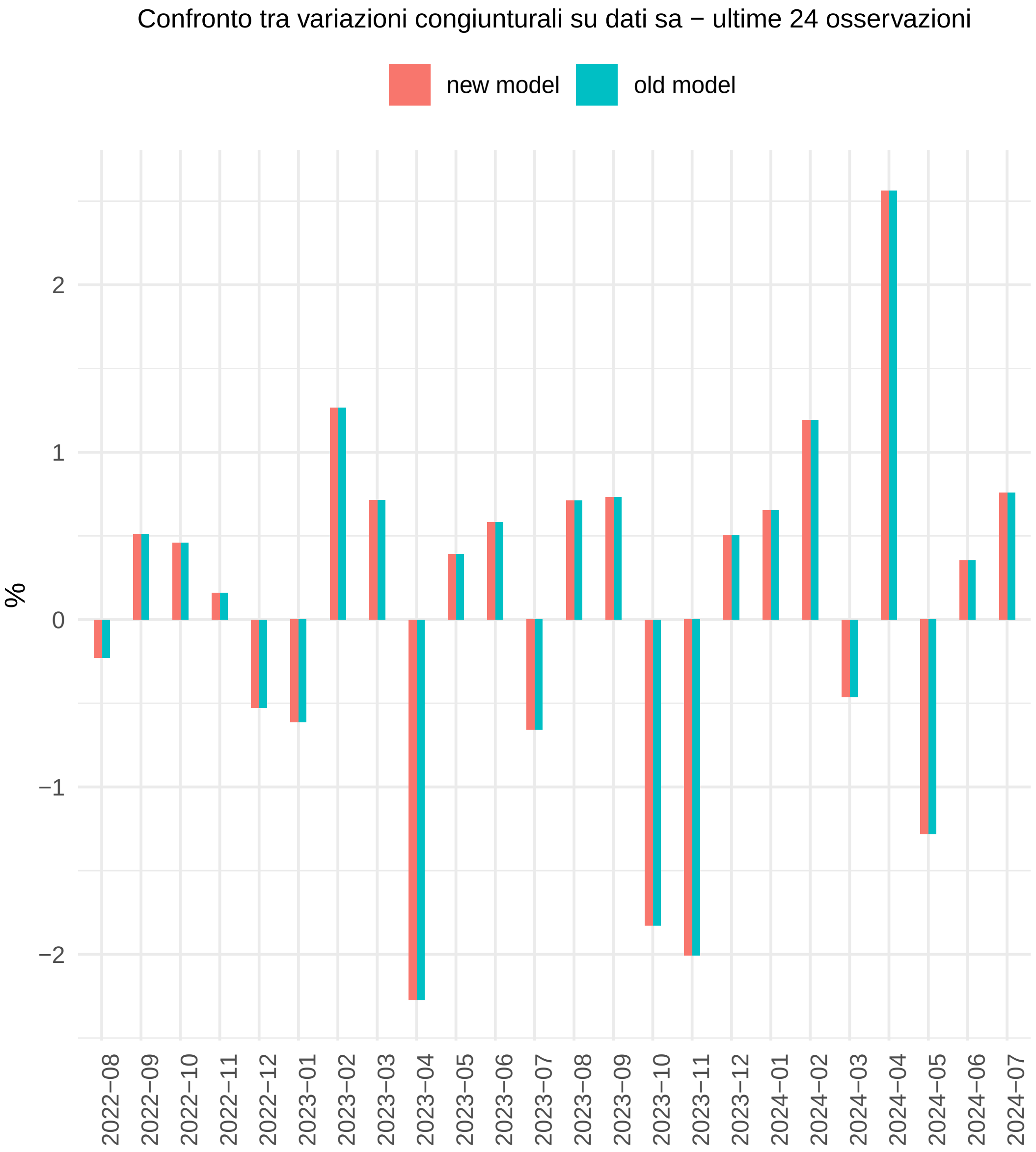
raw and sa

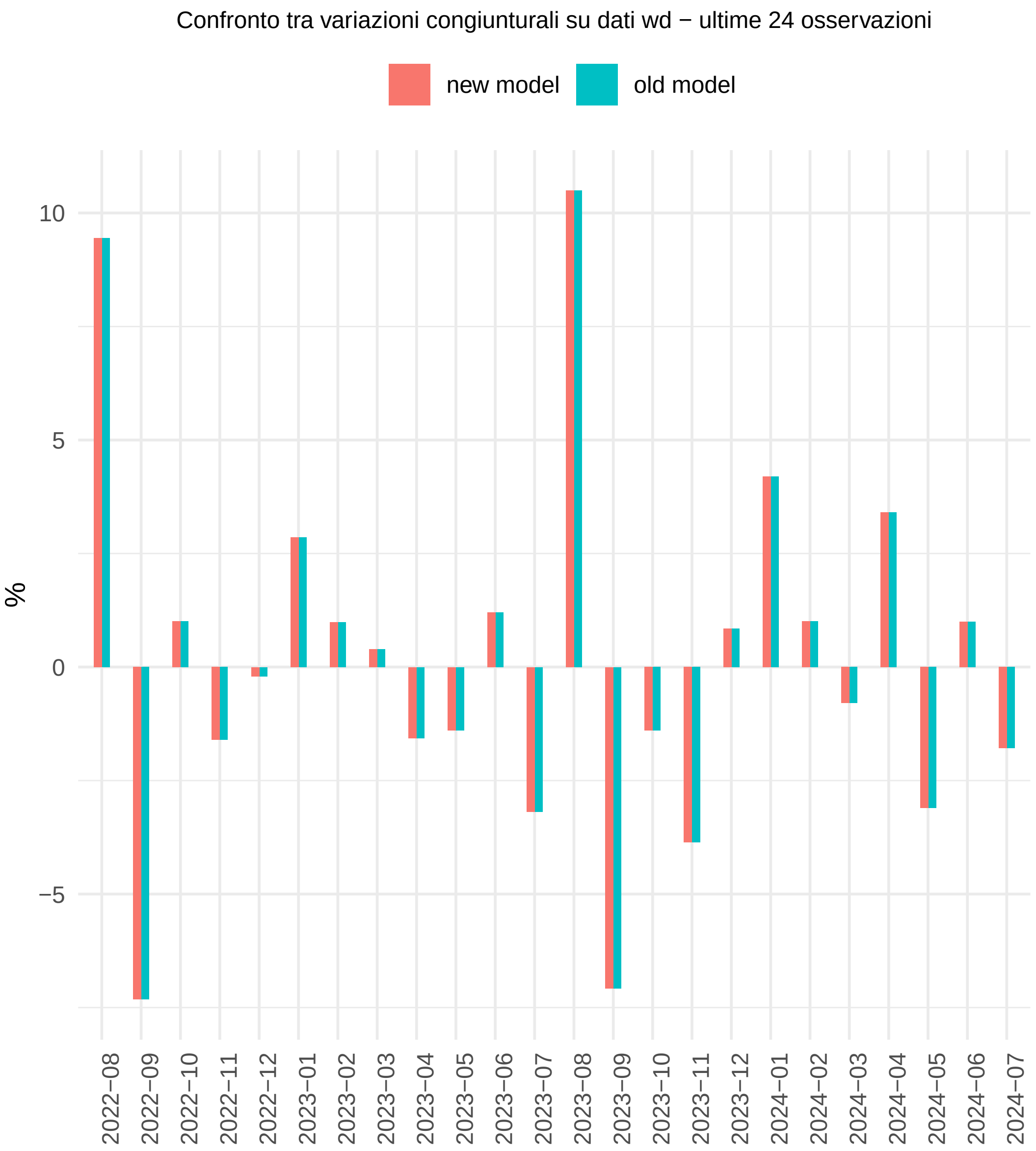
seasonality

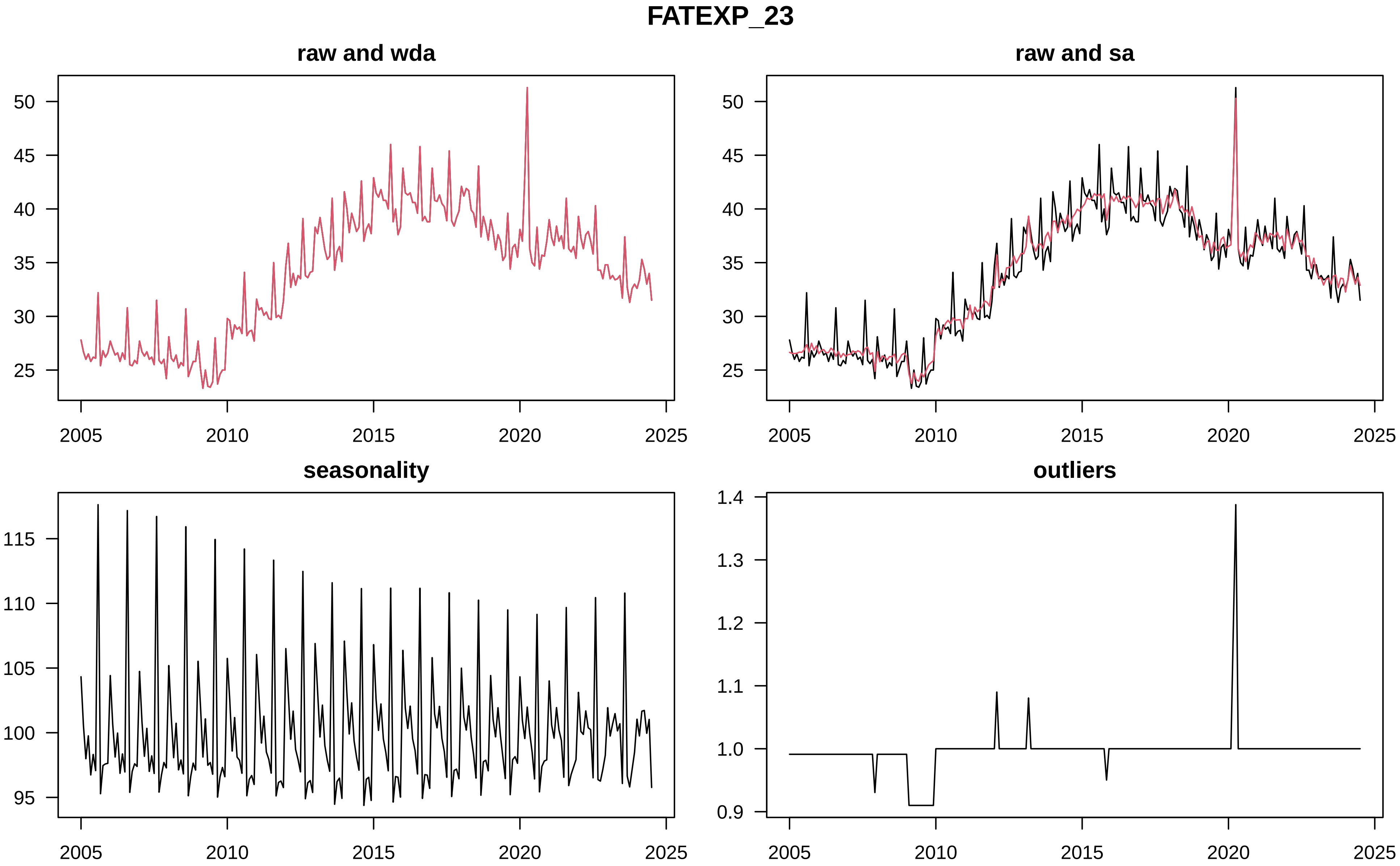
outliers


FATEXP_22
SI ratio
1.08
1.06
1.04
1.02
1.00
0.98
0.96
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
5.00
2.00
1.00
0.50
0.20
0.10
0.05
0.02
0.01
0
1
2
3
4
5
6

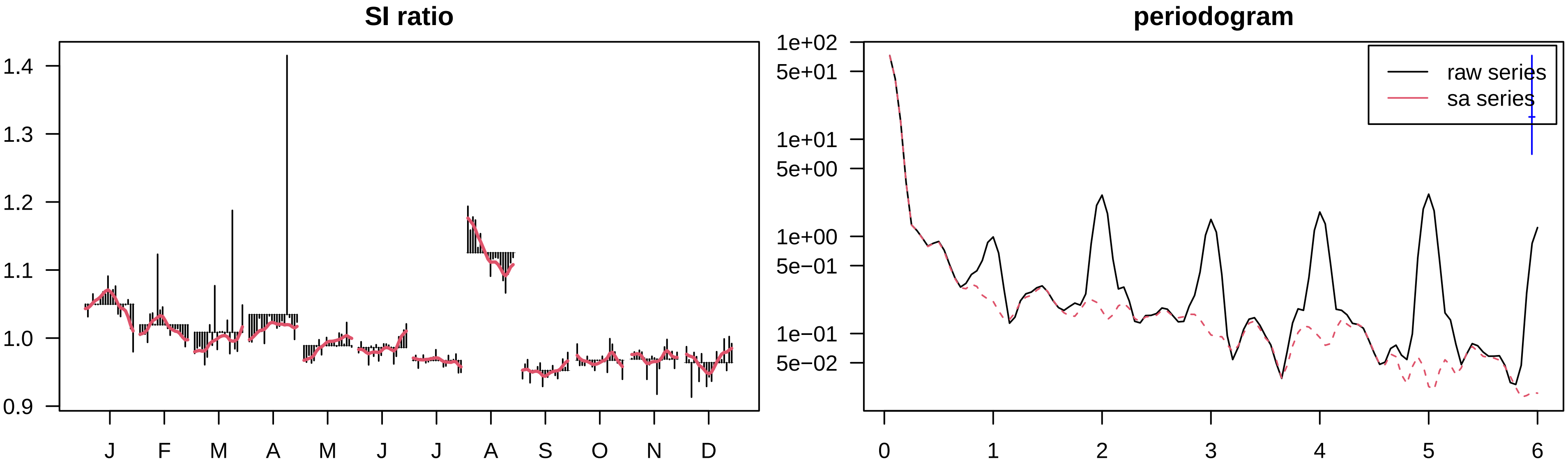
FATEXP_22


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

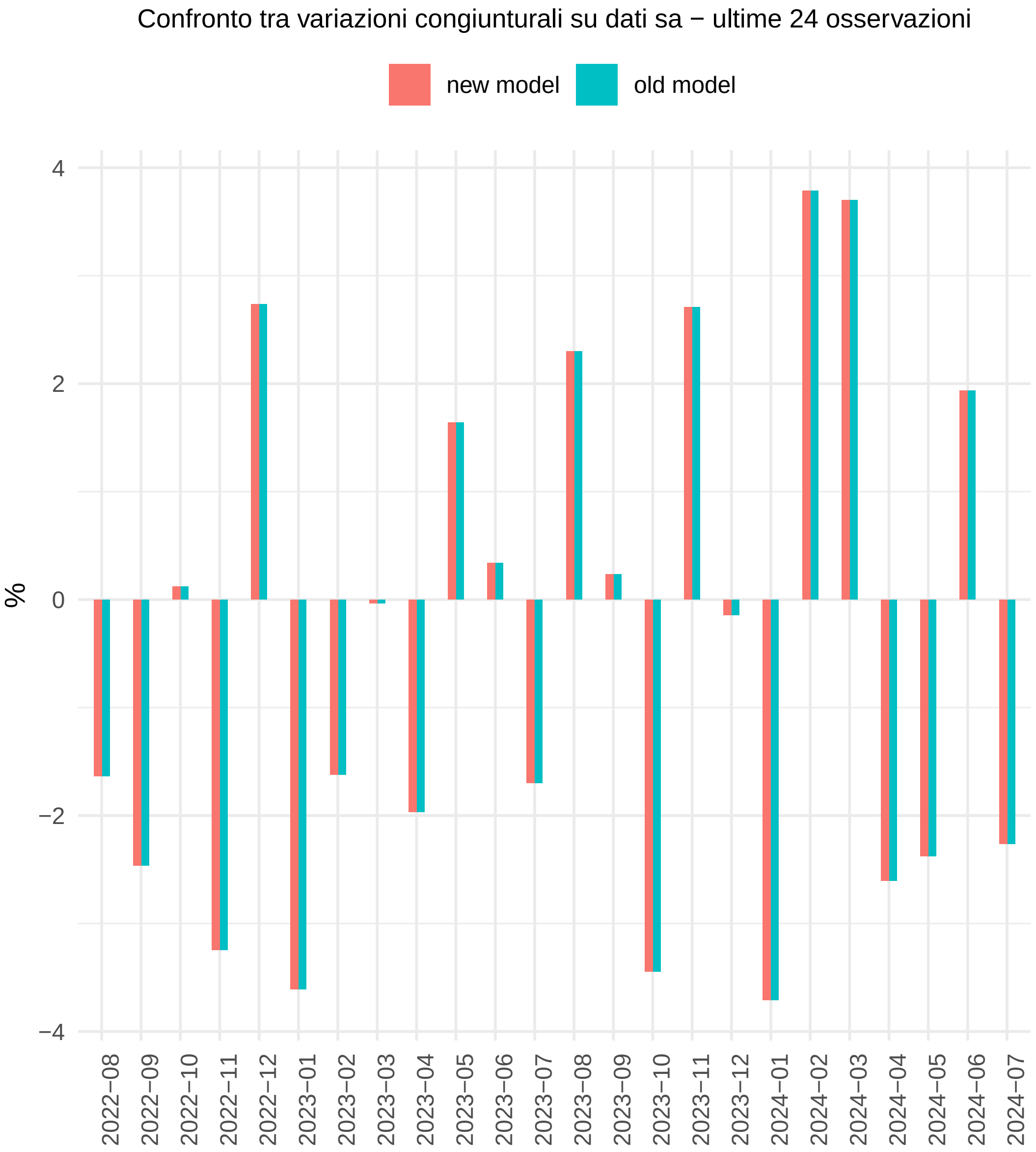

FATEXP_23
raw and wda
50
45
40
35
30
25
2005
2010
2015
2020
2025
raw and sa
50
45
40
35
30
25
2005
2010
2015
2020
2025
seasonality
115
110
105
100
95
2005
2010
2015
2020
2025
outliers
1.4
1.3
1.2
1.1
1.0
0.9
2005
2010
2015
2020
2025

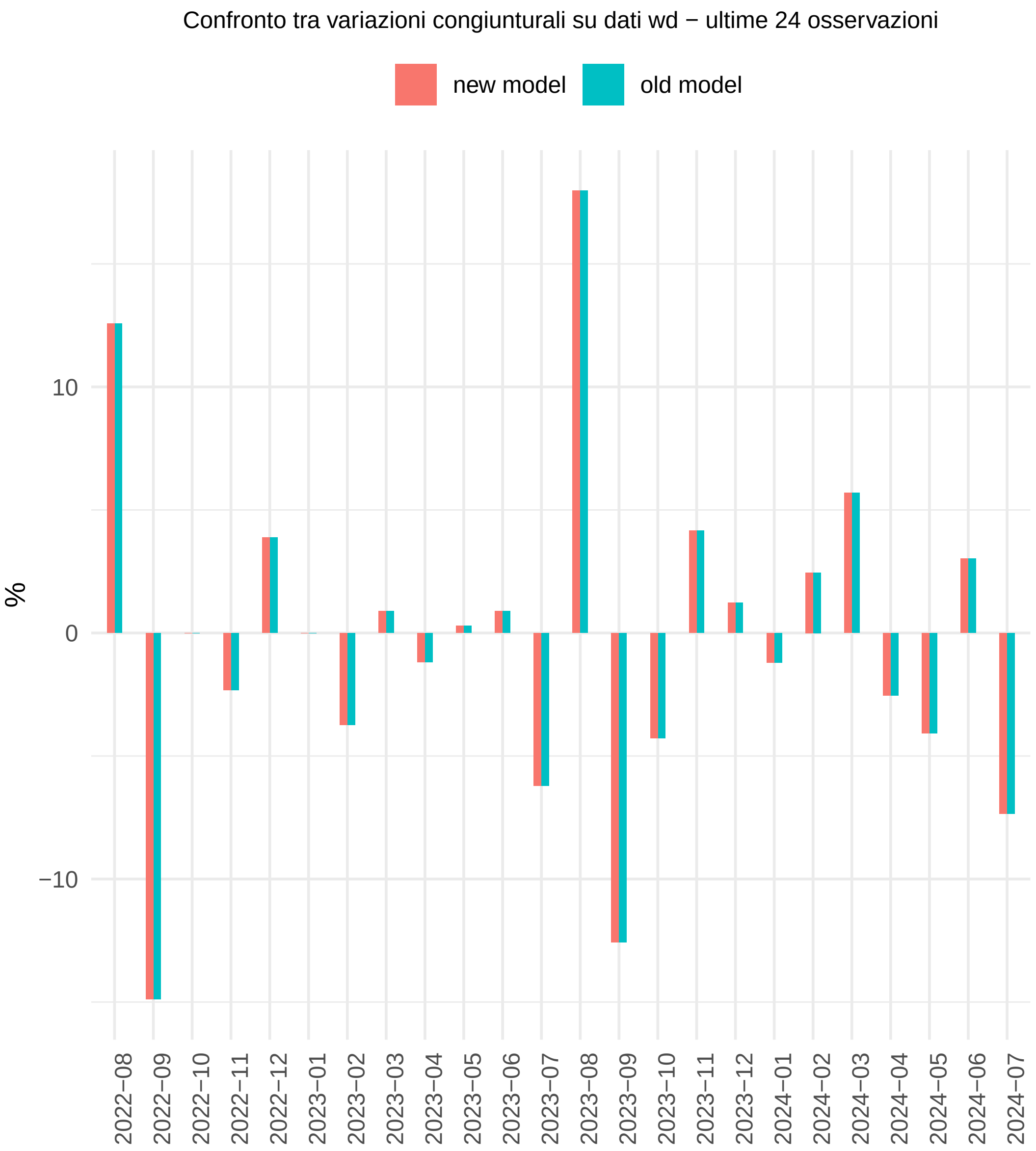
FATEXP_23

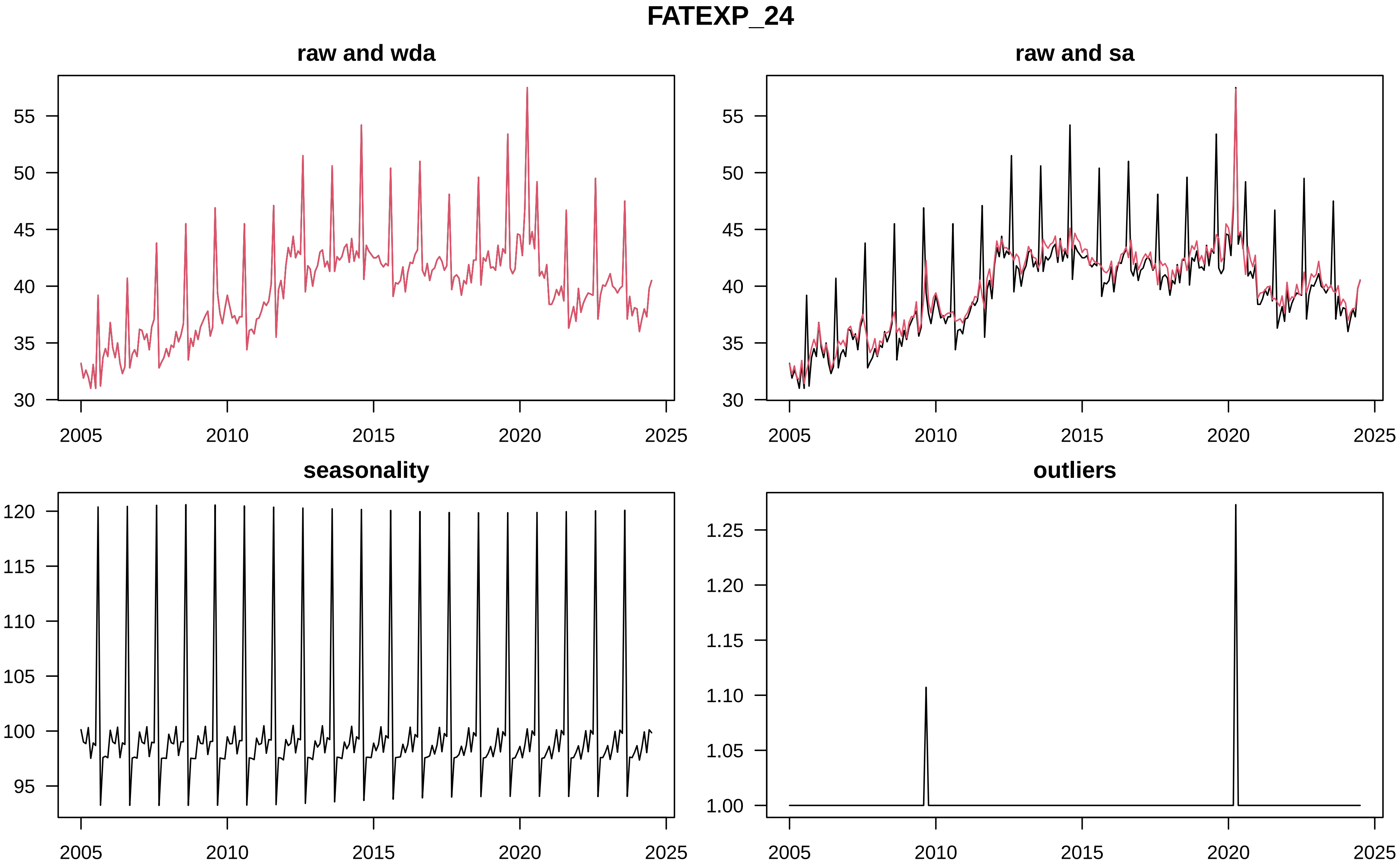


SI ratio
1.4
1.3
1.2
1.1
1.0
0.9
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
1e−01
5e−02
0
1
2
3
4
5
6
raw series
sa series

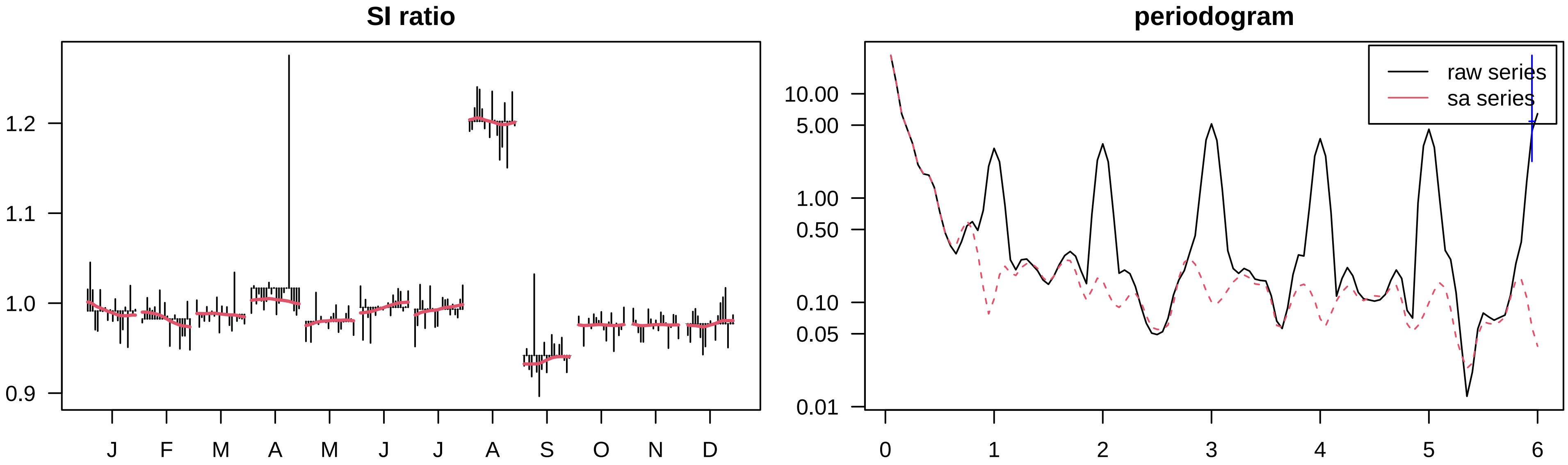
FATEXP_23


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

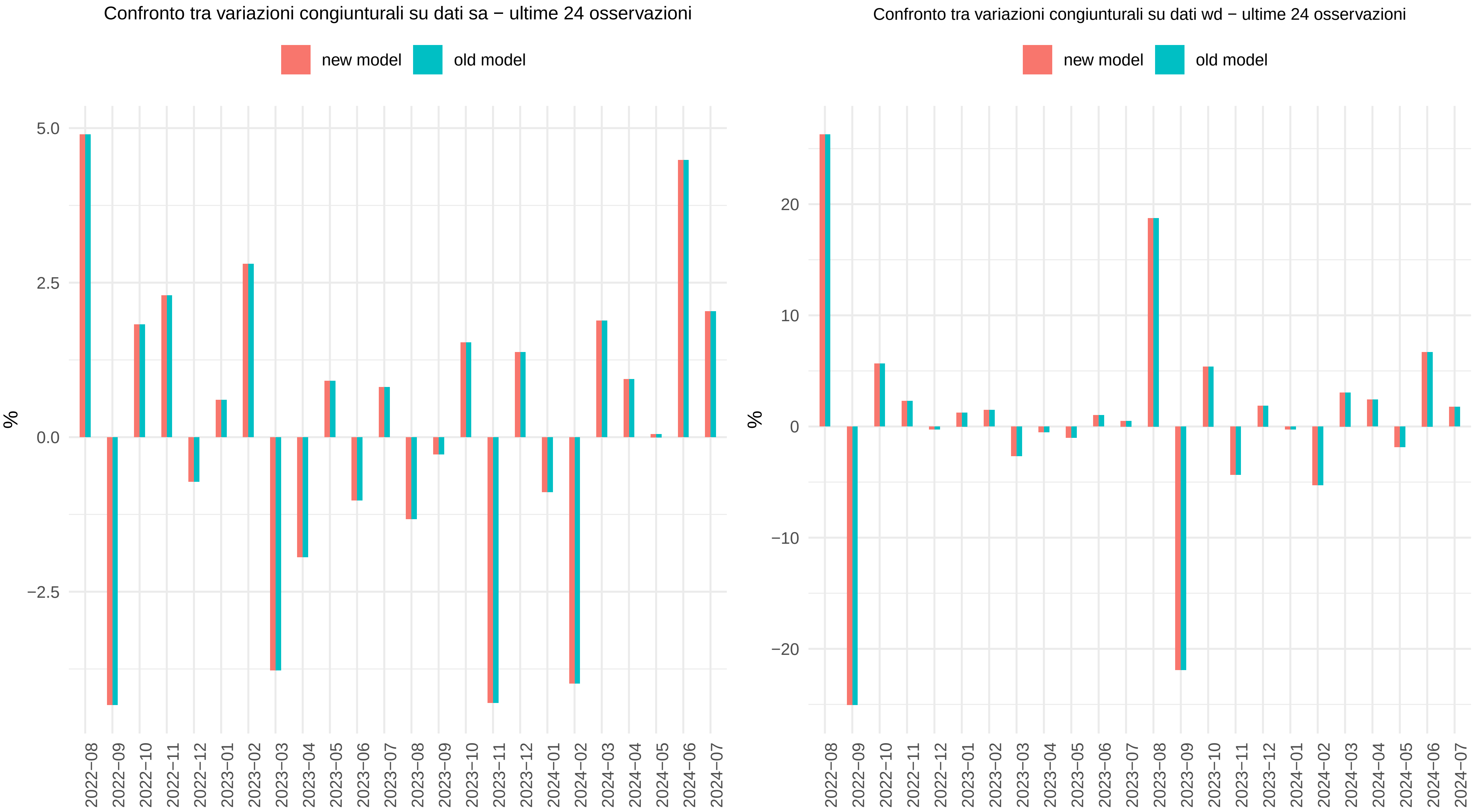

Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni


FATEXP_24
raw and wda
55
50
45
40
35
30
2005
2010
2015
2020
2025
raw and sa
55
50
45
40
35
30
2005
2010
2015
2020
2025
seasonality
120
115
110
105
100
95
2005
2010
2015
2020
2025
outliers
1.25
1.20
1.15
1.10
1.05
1.00
2005
2010
2015
2020
2025

FATEXP_24

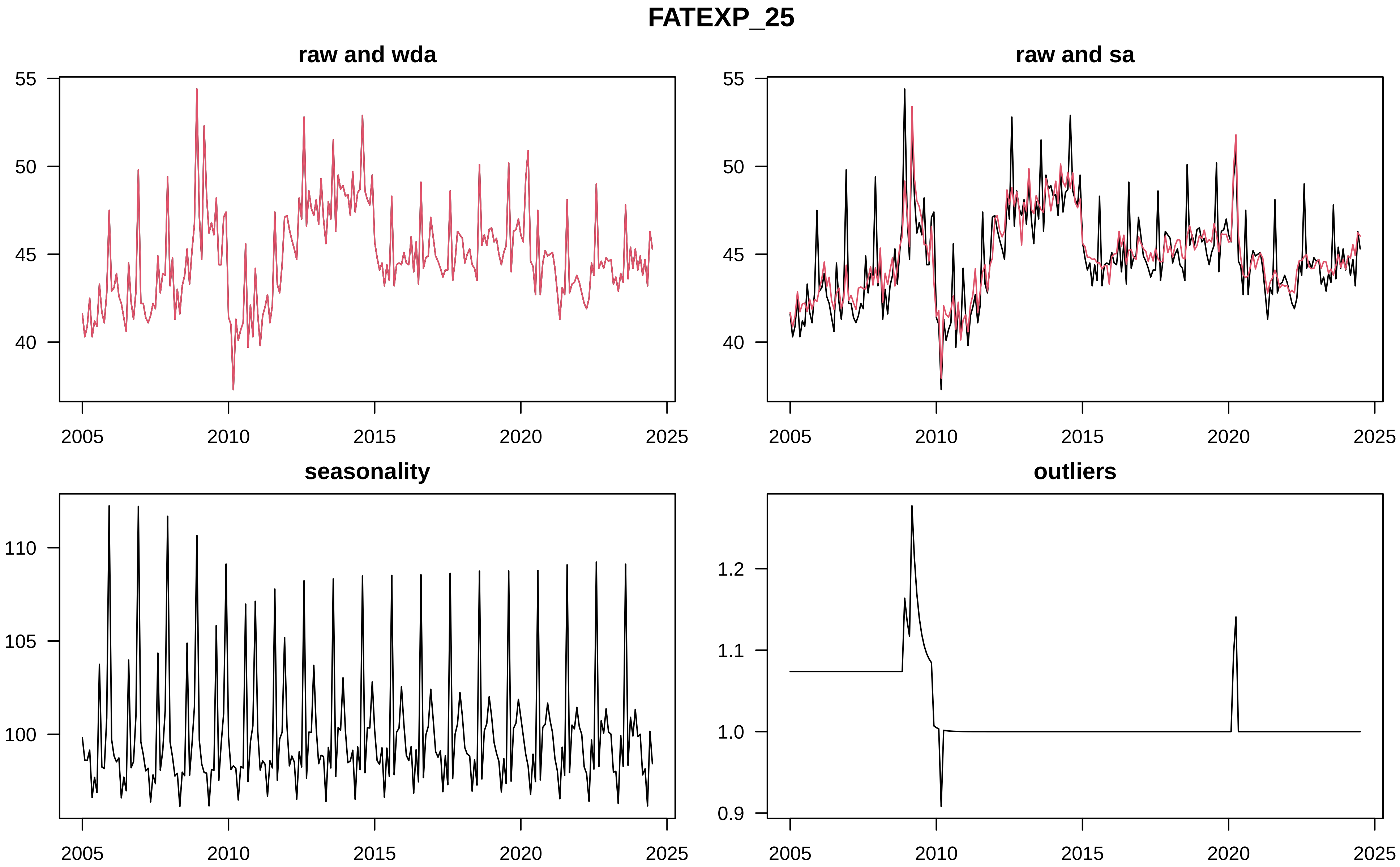

SI ratio
1.2
1.1
1.0
0.9
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
10.00
5.00
1.00
0.50
0.10
0.05
0.01
0
1
2
3
4
5
6

FATEXP_24

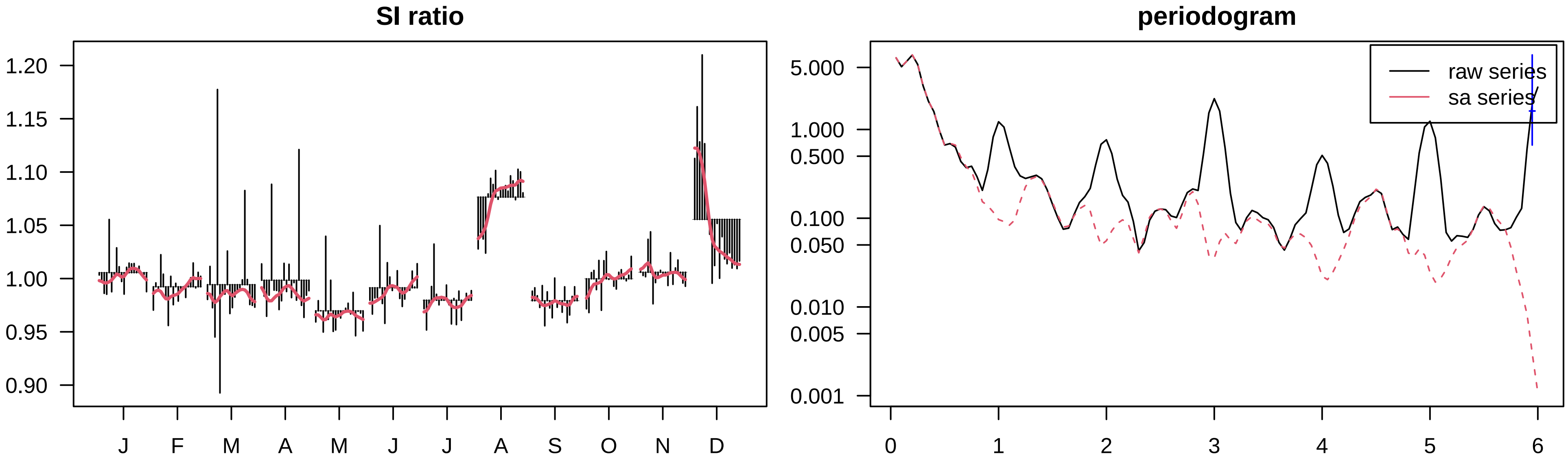


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

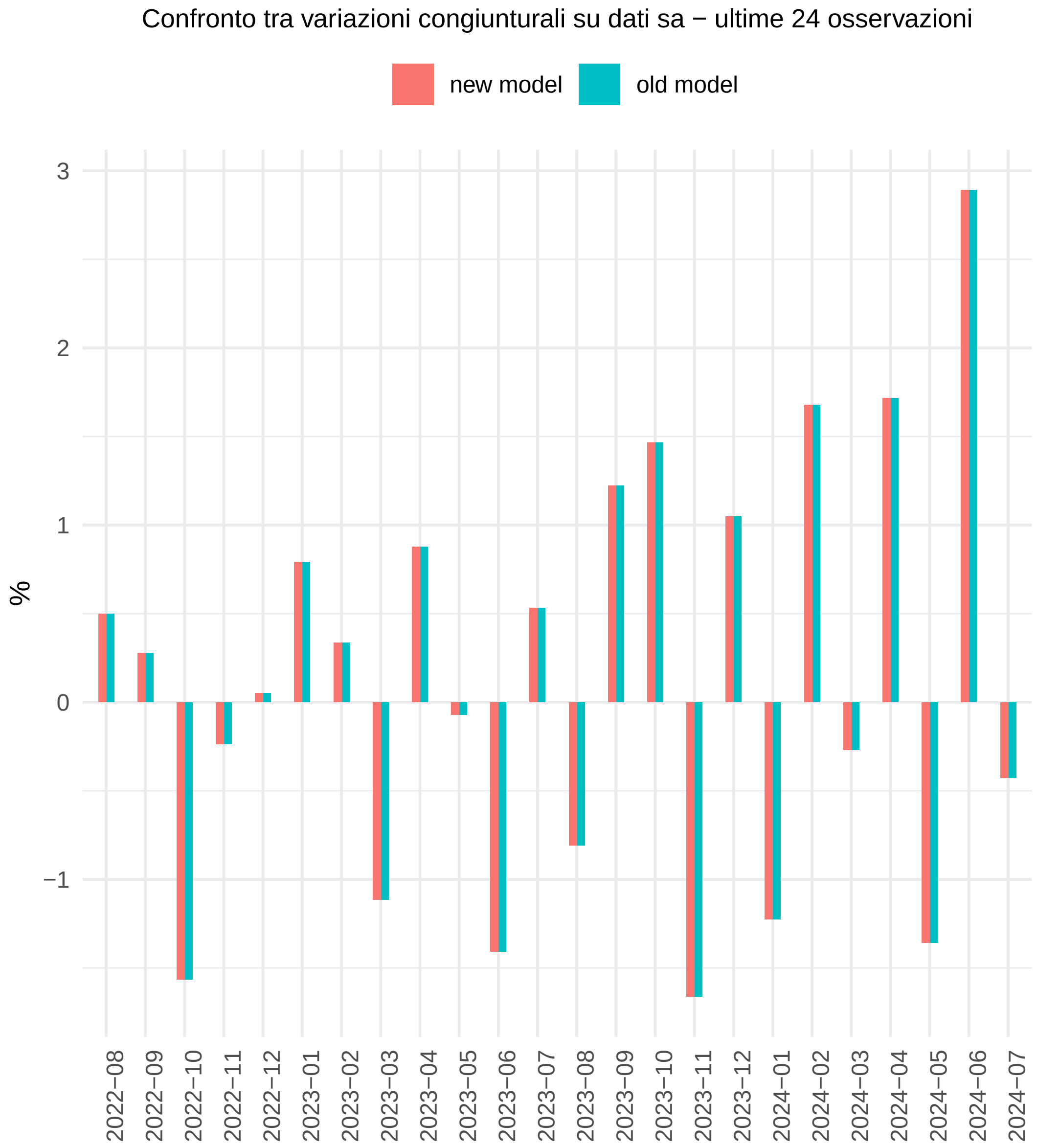
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni


FATEXP_25
raw and wda
55
50
45
40
2005
2010
2015
2020
2025
raw and sa
55
50
45
40
2005
2010
2015
2020
2025
seasonality
110
105
100
2005
2010
2015
2020
2025
outliers
1.2
1.1
1.0
0.9
2005
2010
2015
2020
2025

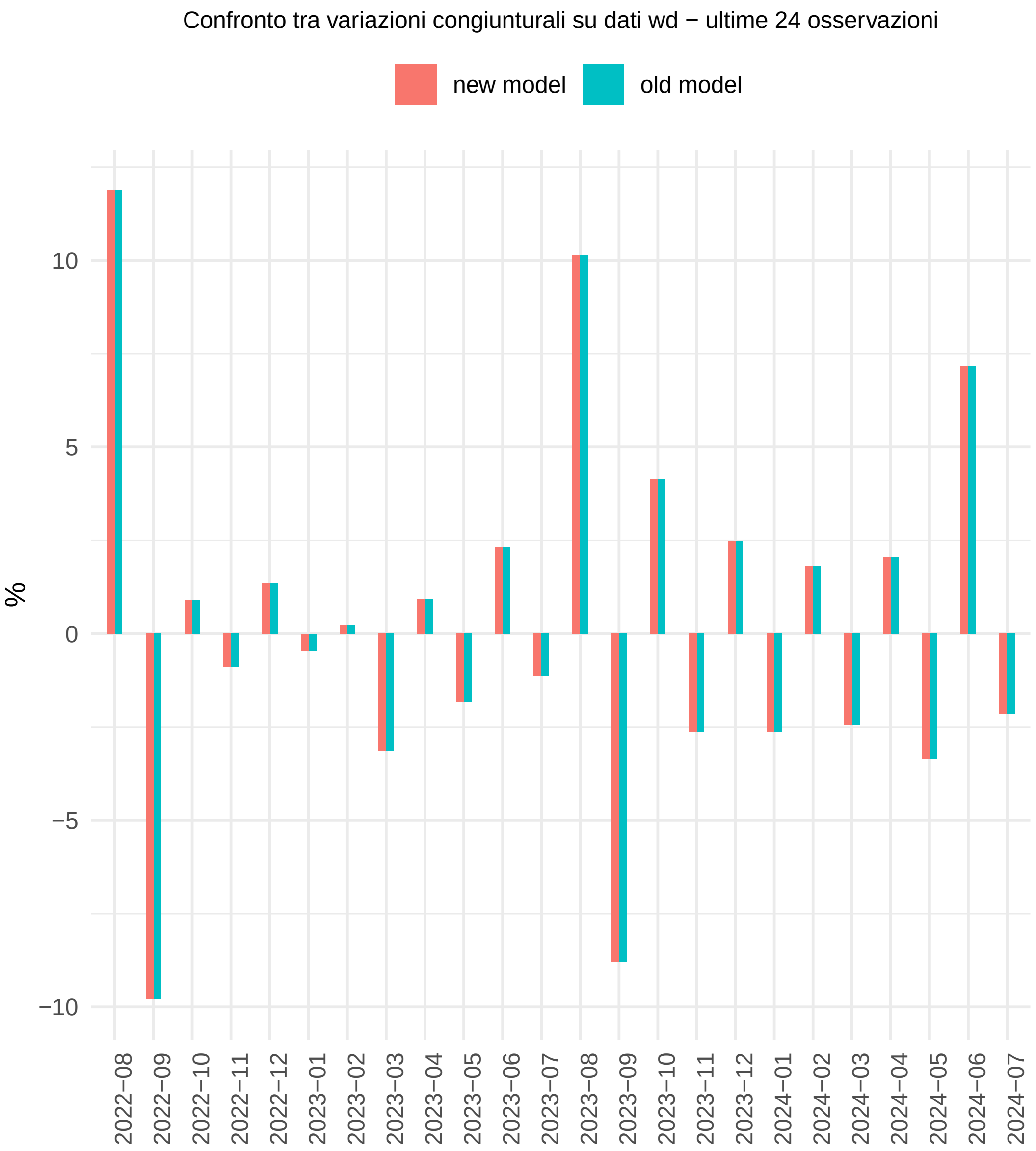
FATEXP_25


SI ratio
1.20
1.15
1.10
1.05
1.00
0.95
0.90
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
5.000
1.000
0.500
0.100
0.050
0.010
0.005
0.001
0
1
2
3
4
5
6
raw series
sa series

FATEXP_25

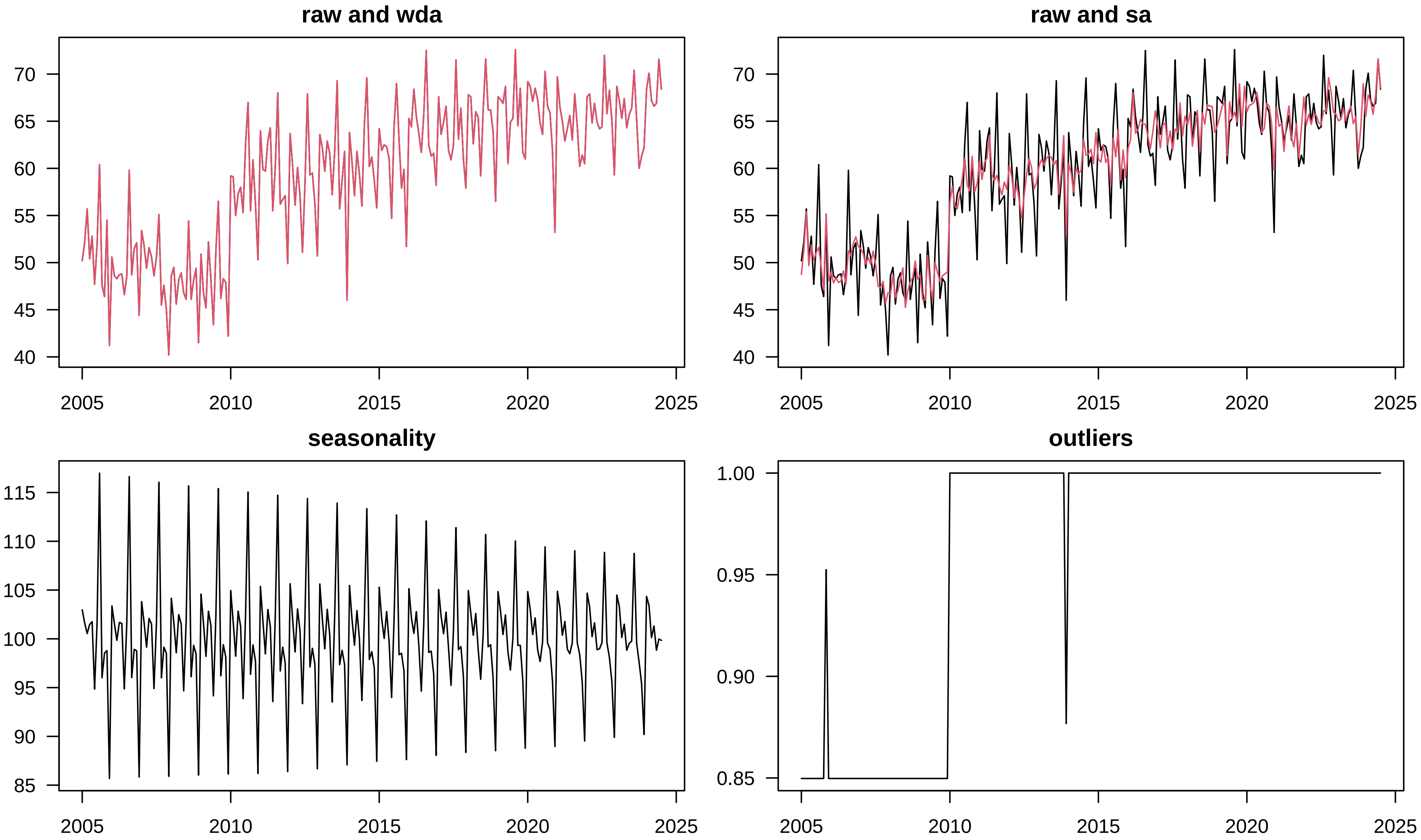


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
3
2
1
0
−1
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

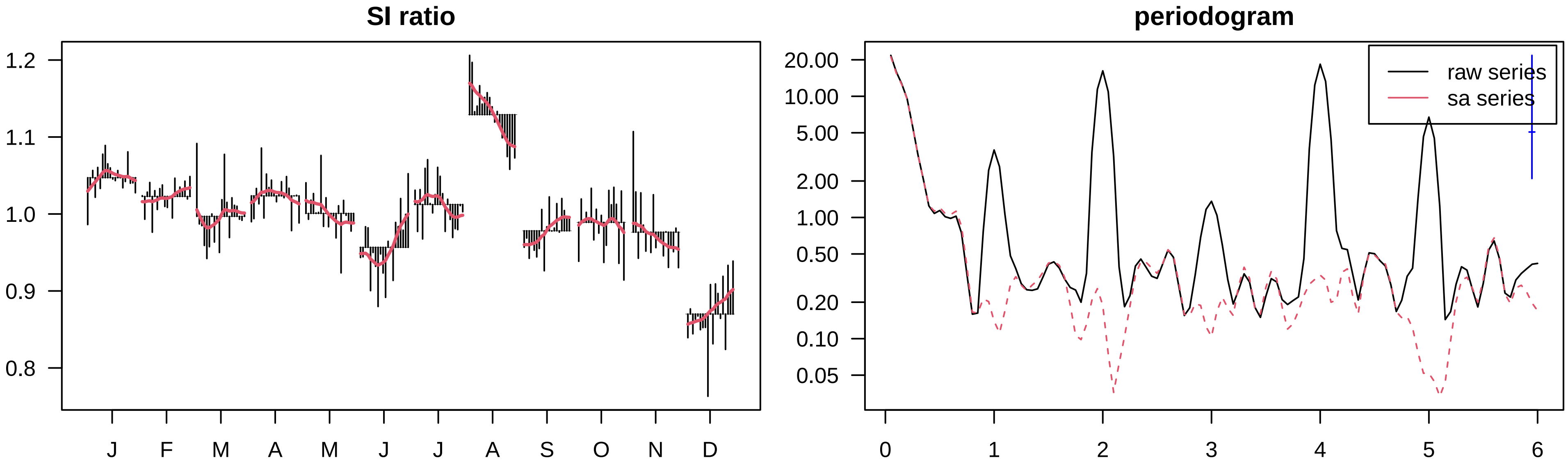


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
10
5
0
−5
−10
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

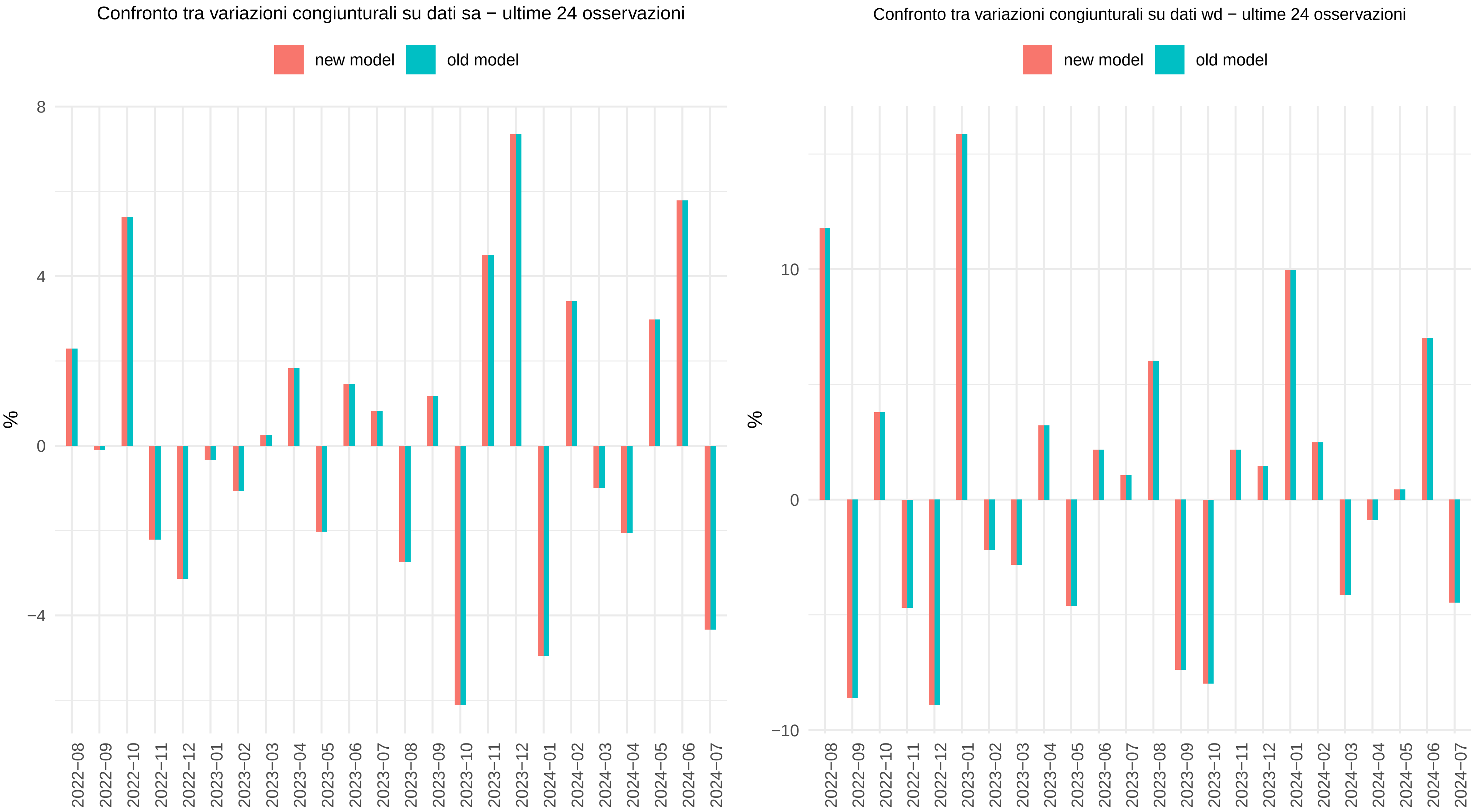
FATEXP_26


raw and wda
raw and sa
seasonality
outliers
70
65
60
55
50
45
40
115
110
105
100
95
90
85
1.00
0.95
0.90
0.85
2005
2010
2015
2020
2025

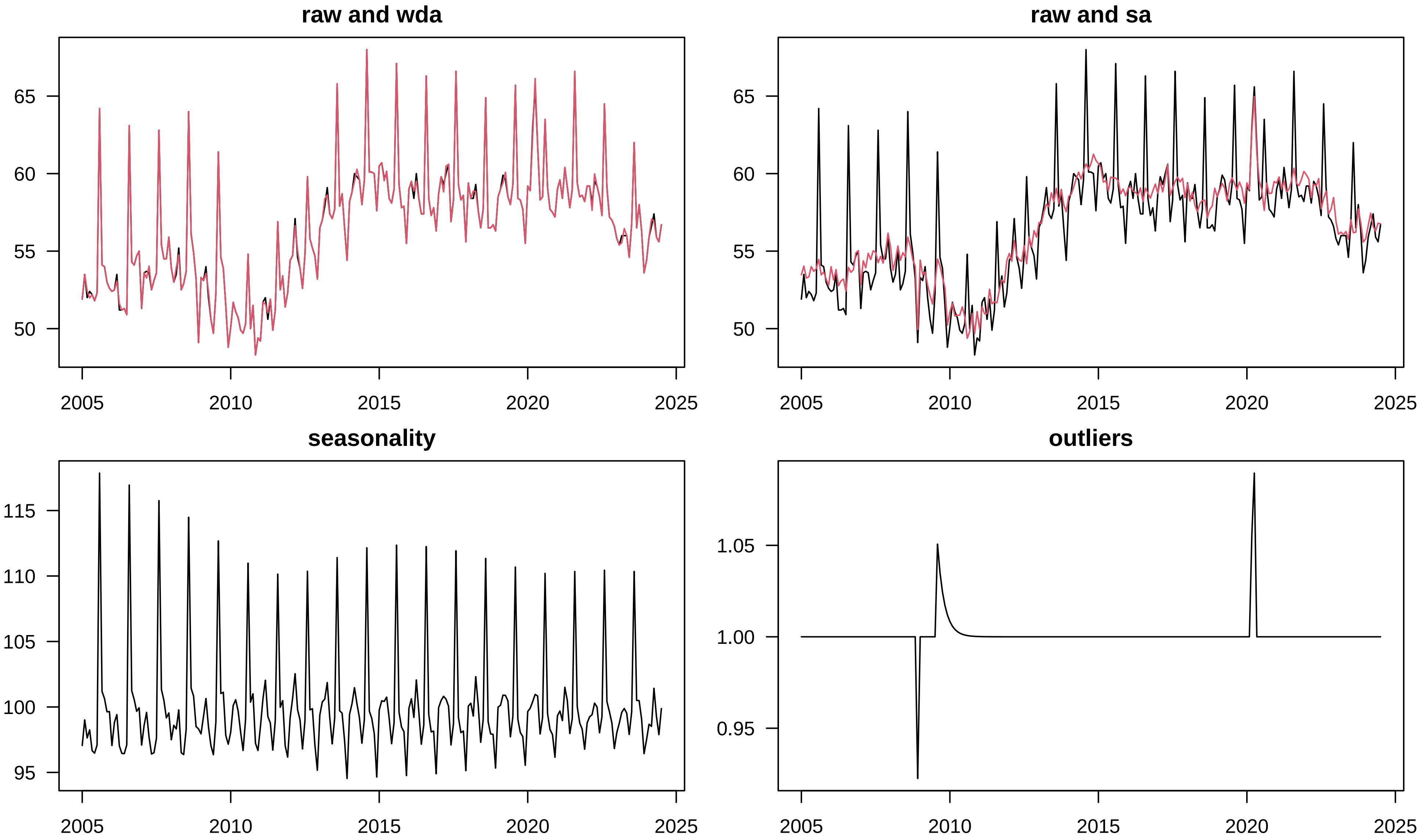
FATEXP_26


SI ratio
1.2
1.1
1.0
0.9
0.8
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
20.00
10.00
5.00
2.00
1.00
0.50
0.20
0.10
0.05
0
1
2
3
4
5
6
raw series
sa series

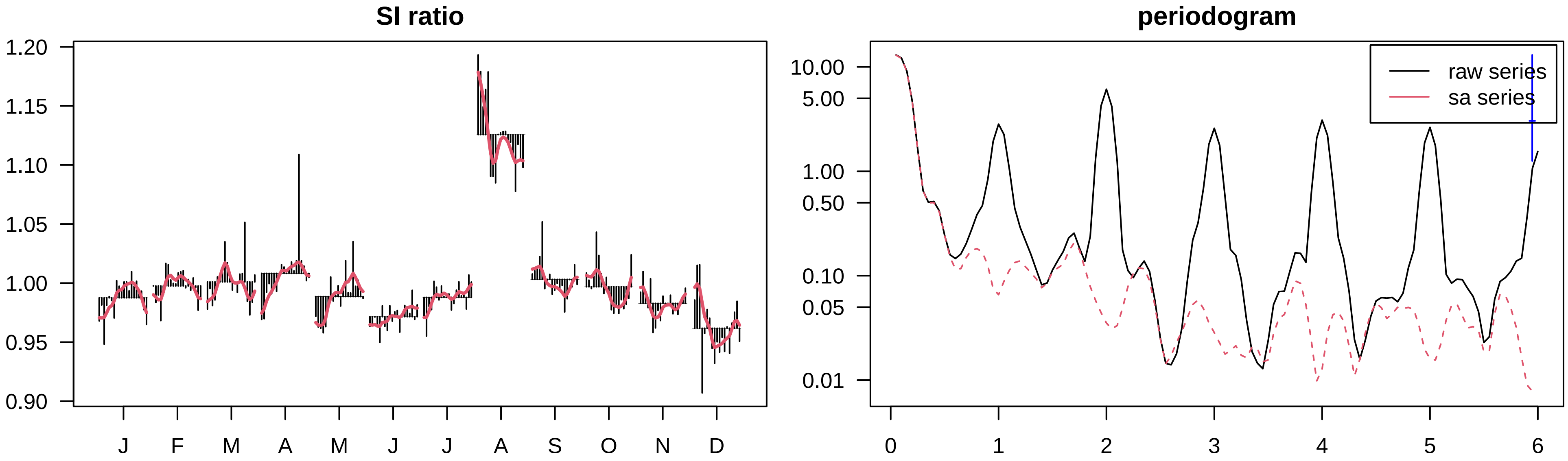
FATEXP_26


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
8
4
0
−4
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
10
0
−10
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

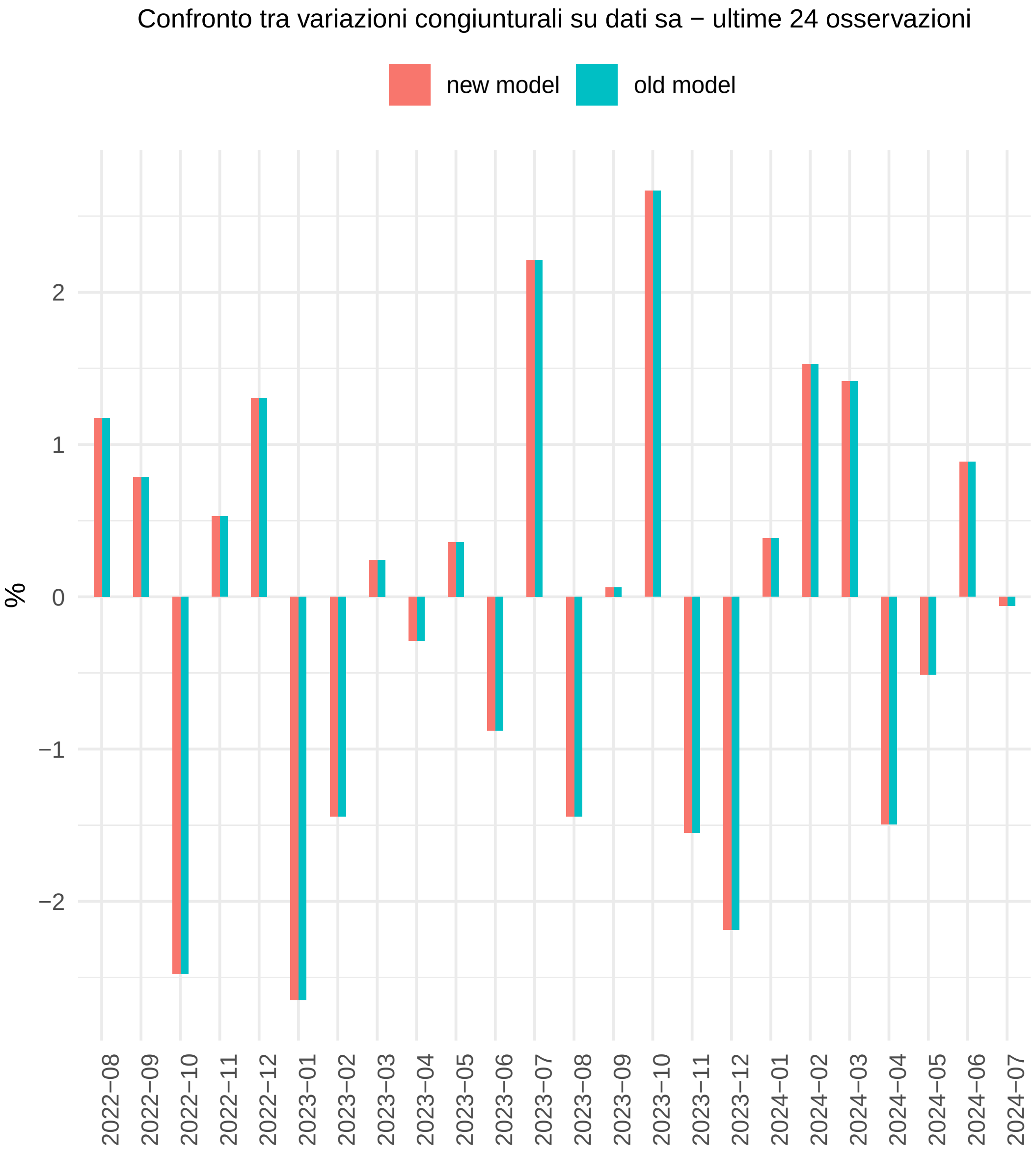
FATEXP_27

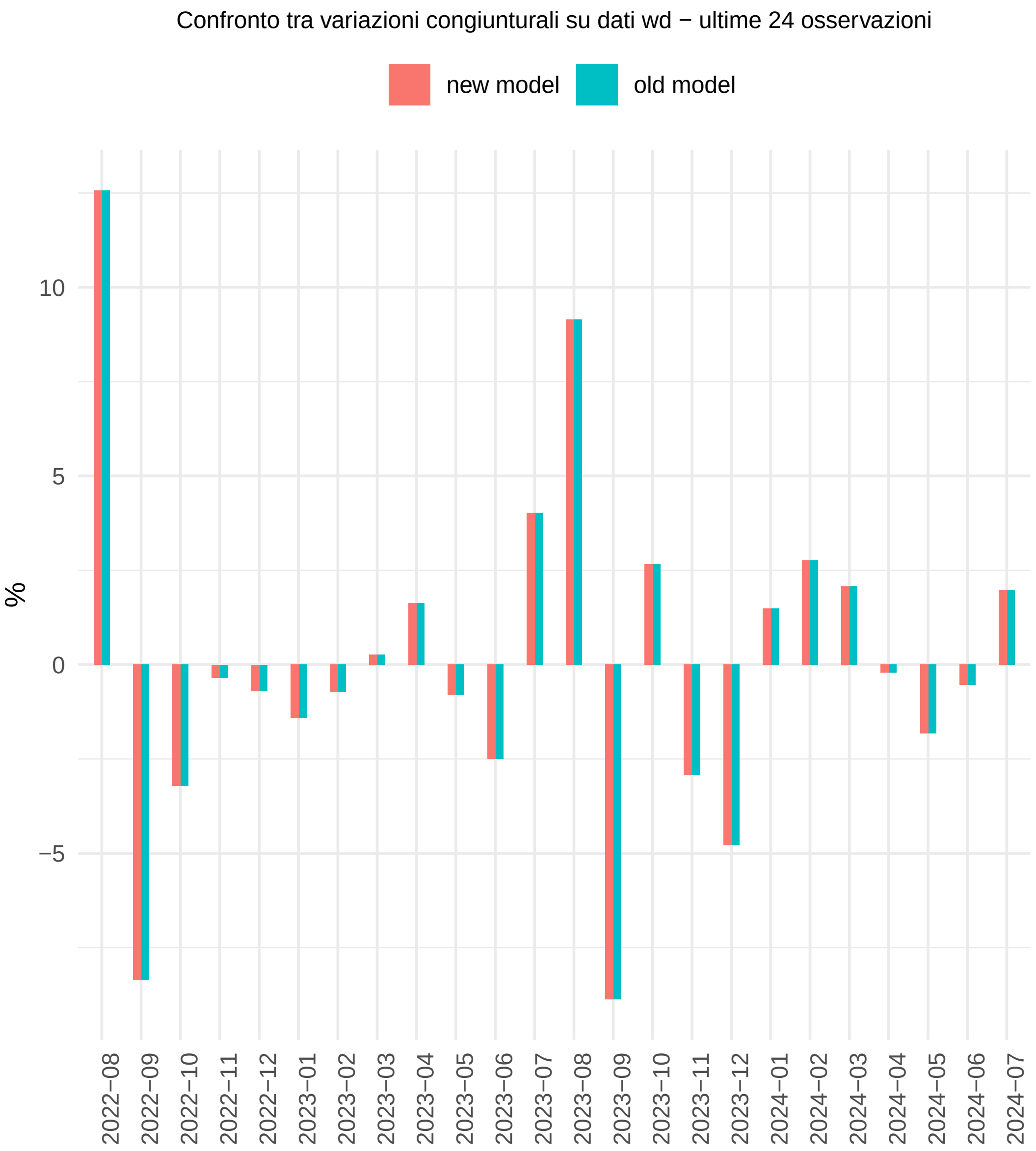

raw and wda
65
60
55
50
2005
2010
2015
2020
2025
raw and sa
65
60
55
50
2005
2010
2015
2020
2025
seasonality
115
110
105
100
95
2005
2010
2015
2020
2025
outliers
1.05
1.00
0.95
2005
2010
2015
2020
2025

FATEXP_27

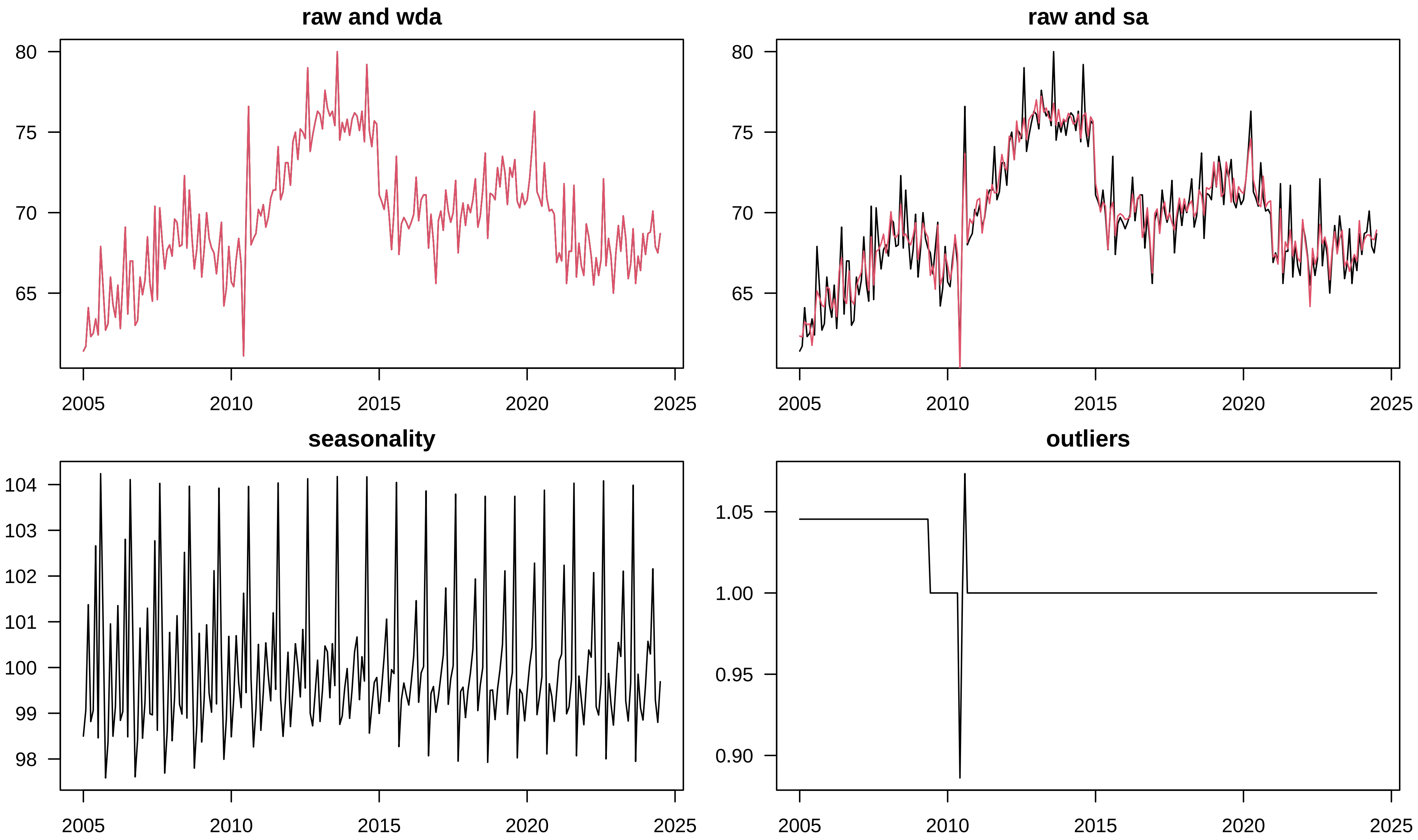

SI ratio
1.20
1.15
1.10
1.05
1.00
0.95
0.90
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
10.00
5.00
1.00
0.50
0.10
0.05
0.01
0
1
2
3
4
5
6
raw series
sa series

FATEXP_27

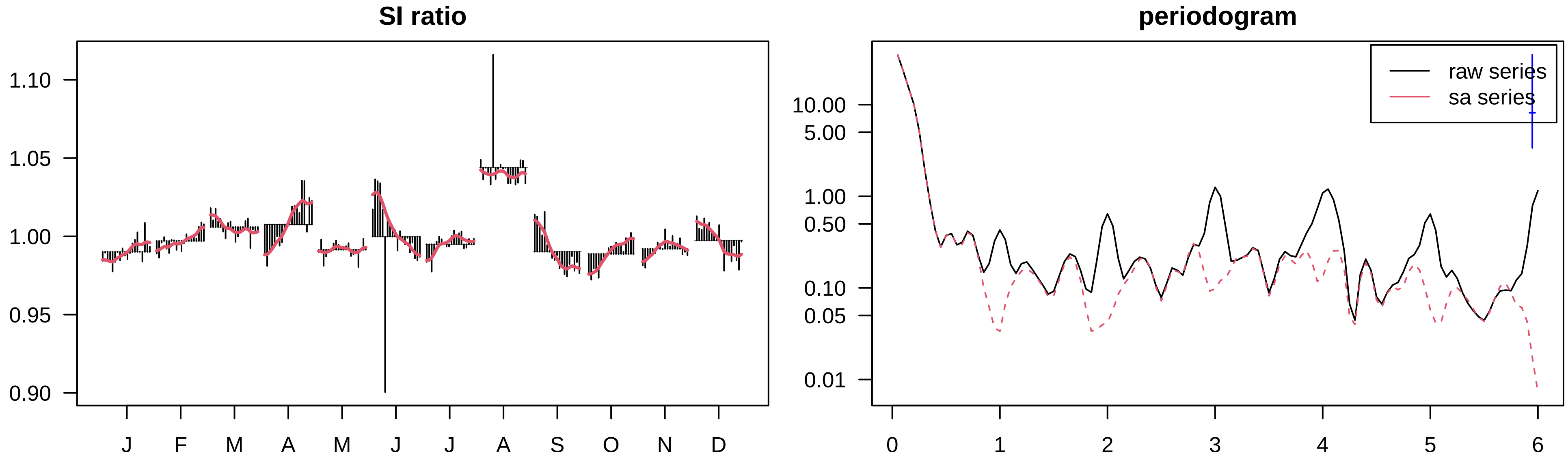

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
2
1
0
−1
−2
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
10
5
0
−5
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

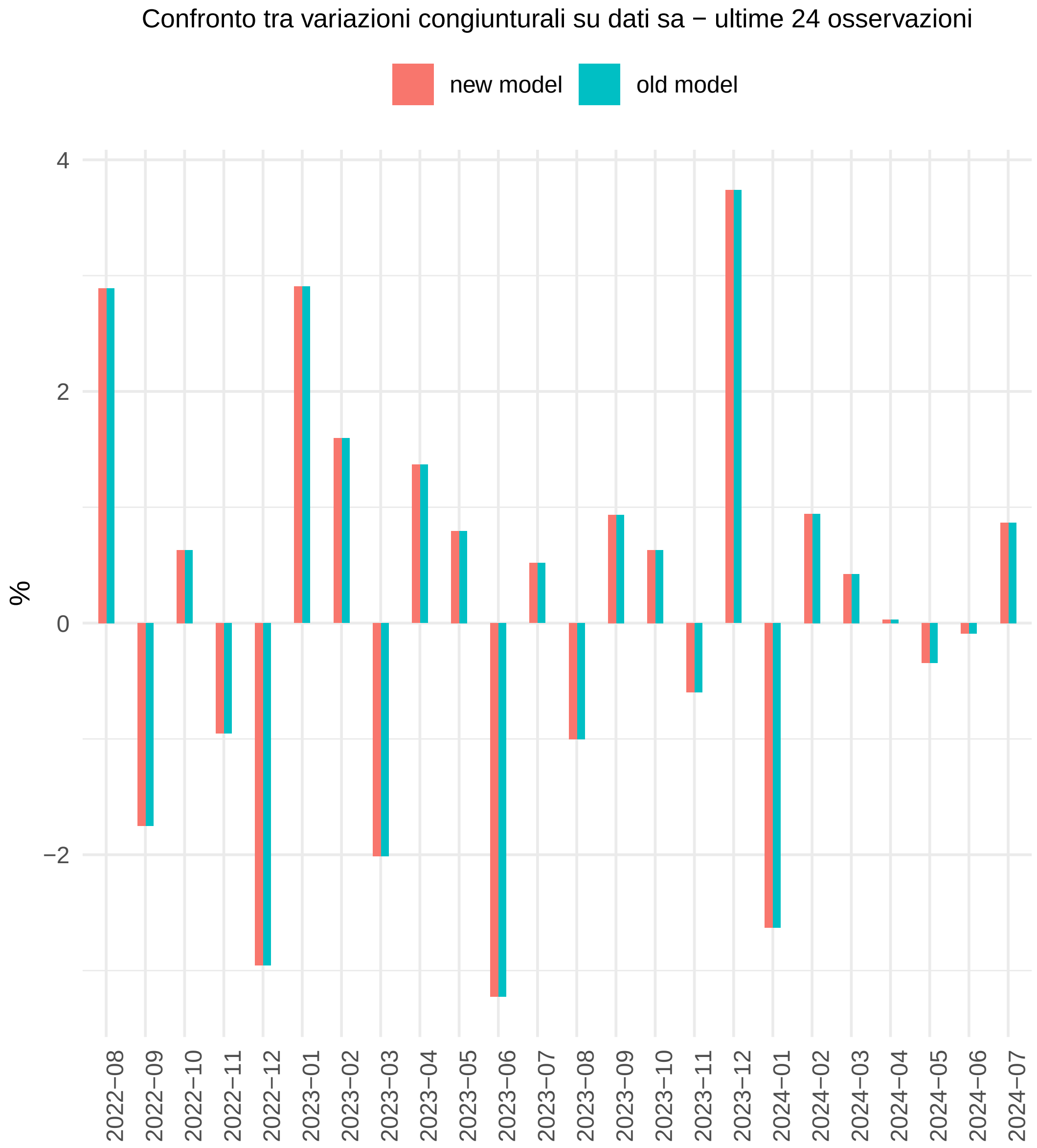
FATEXP_28


raw and wda
80
75
70
65
2005
2010
2015
2020
2025
raw and sa
80
75
70
65
2005
2010
2015
2020
2025
seasonality
104
103
102
101
100
99
98
2005
2010
2015
2020
2025
outliers
1.05
1.00
0.95
0.90
2005
2010
2015
2020
2025

FATEXP_28


SI ratio
1.10
1.05
1.00
0.95
0.90
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
10.00
5.00
1.00
0.50
0.10
0.05
0.01
0
1
2
3
4
5
6

FATEXP_28



Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
4
2
0
−2
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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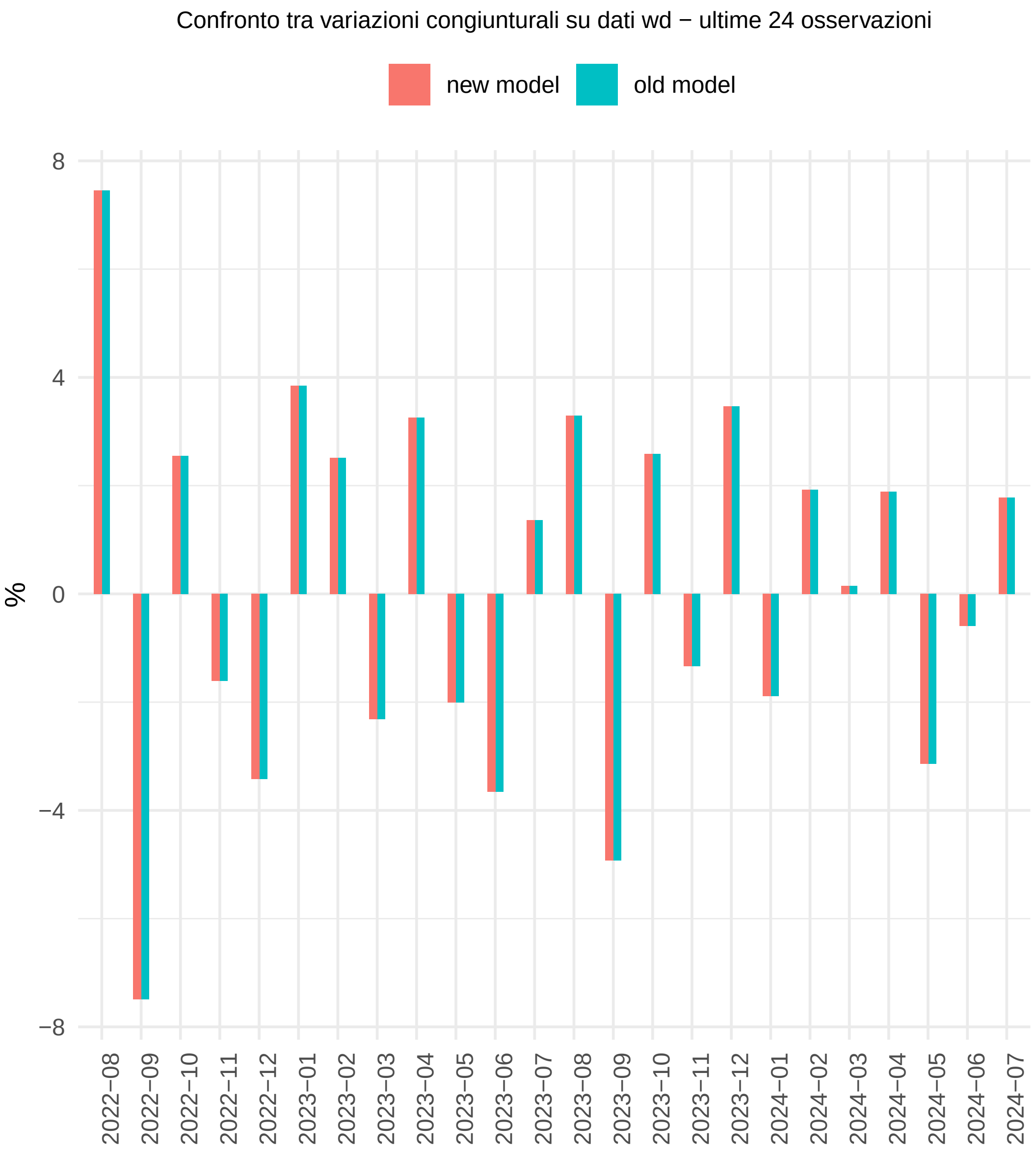
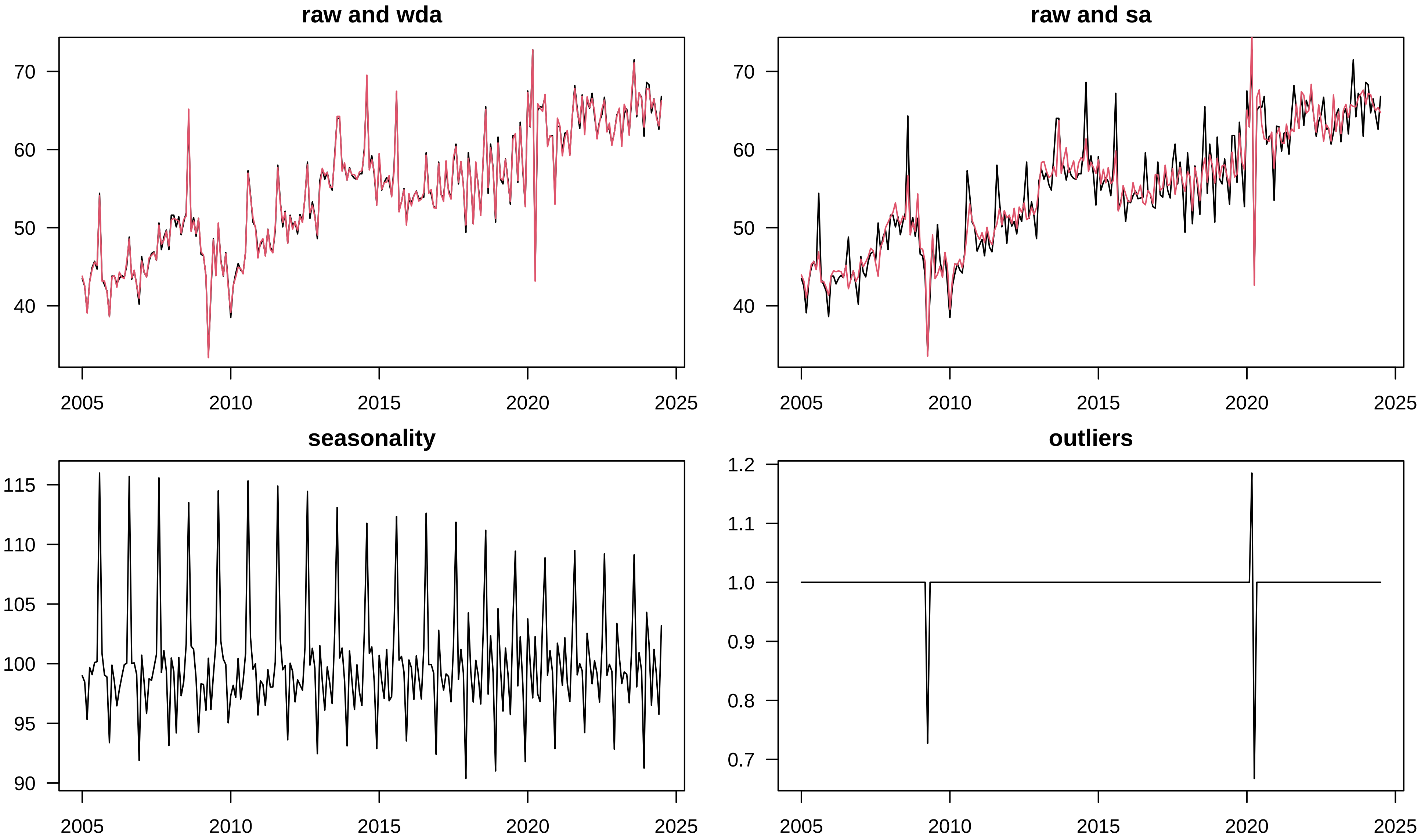
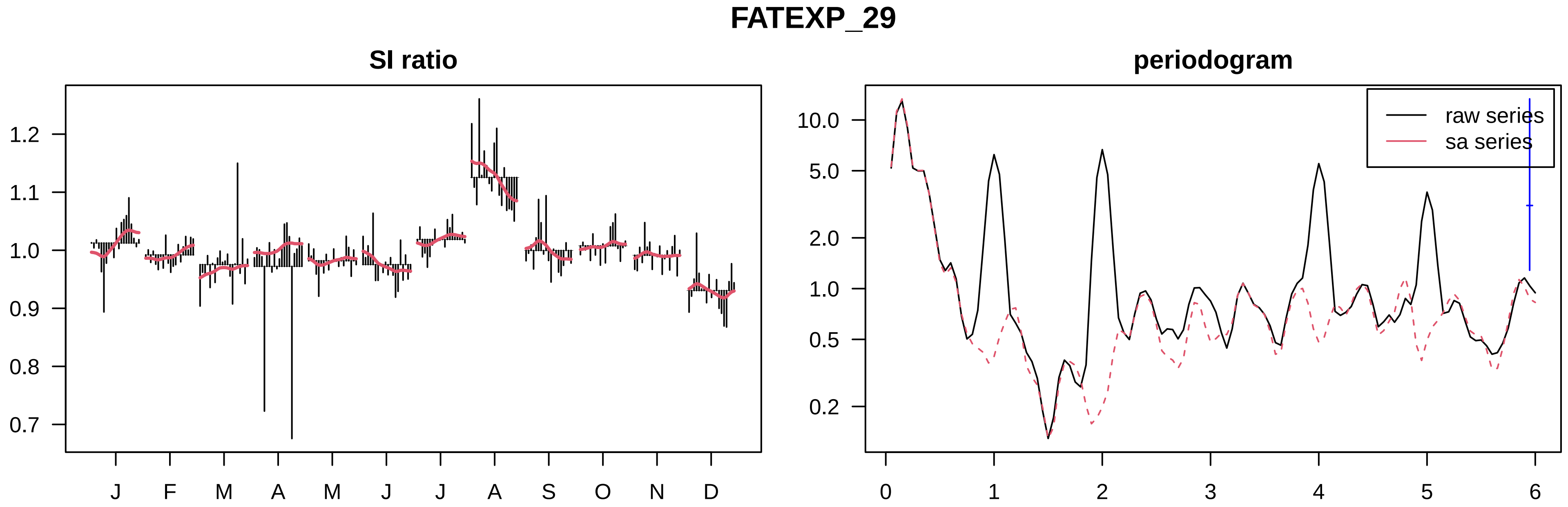
2024−04
2024−05
2024−06
2024−07



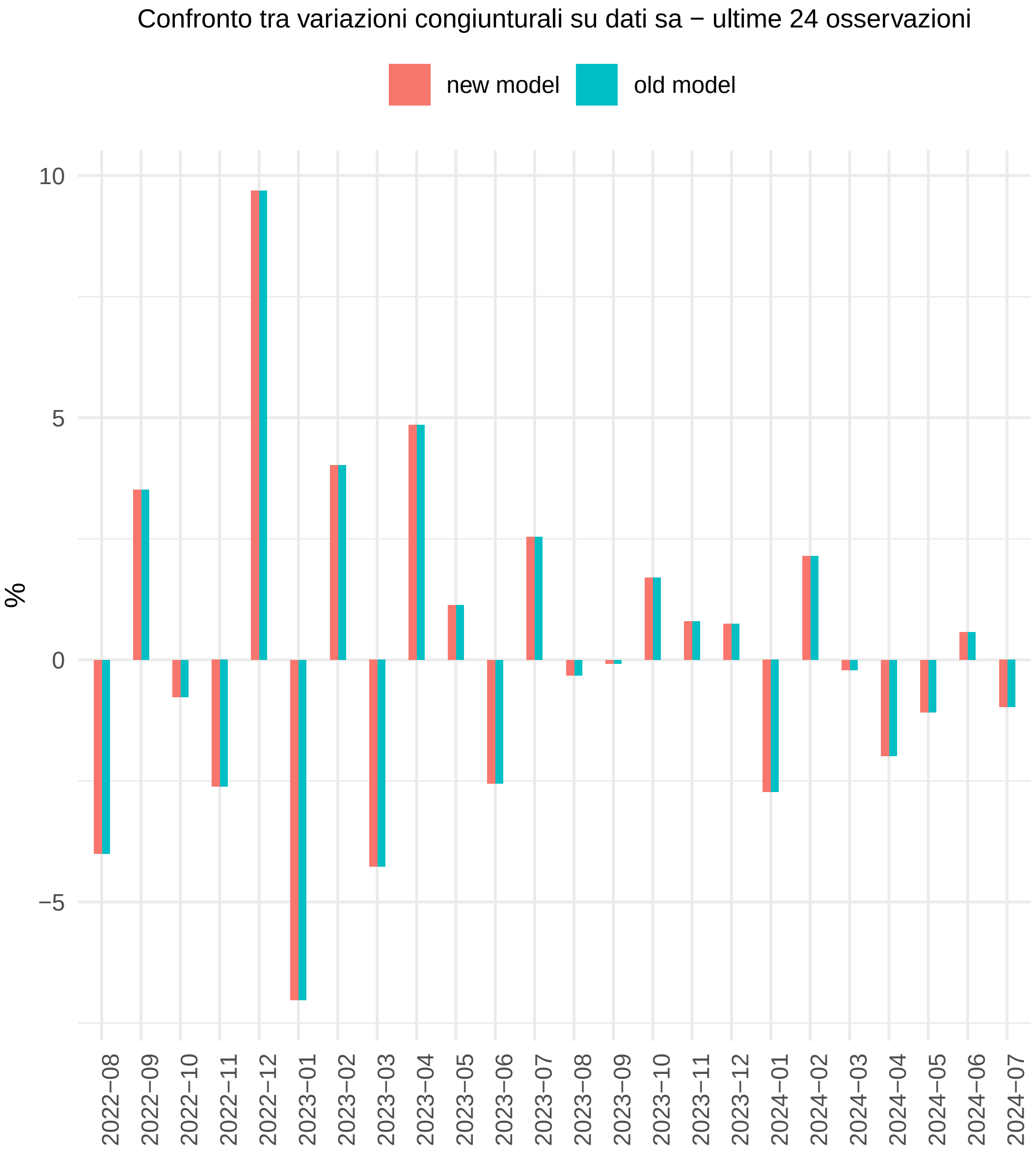
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
8
4
0
−4
−8
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

FATEXP_29

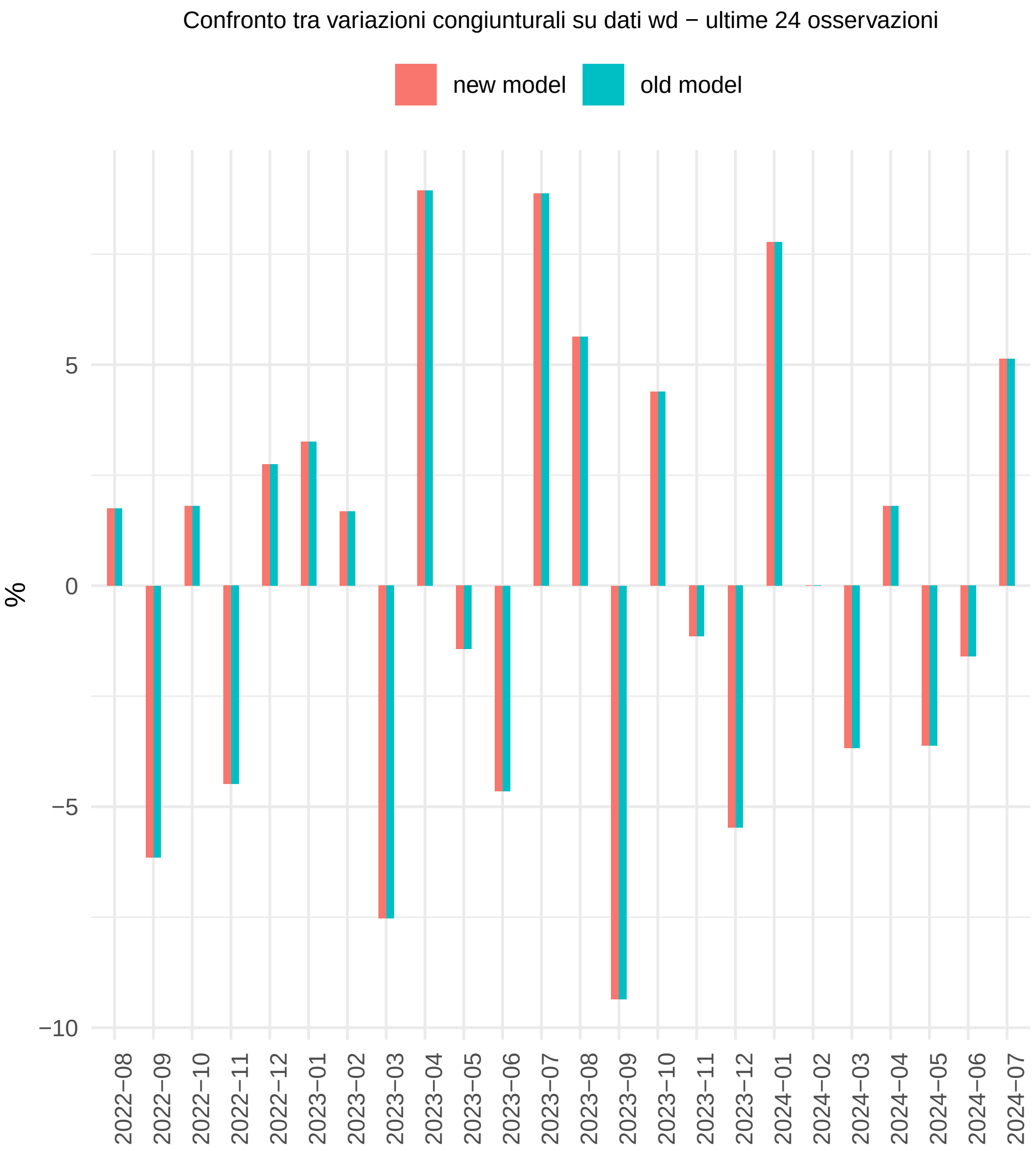

raw and wda
raw and sa
seasonality
outliers
40
50
60
70
90
95
100
105
110
115
0.7
0.8
0.9
1.0
1.1
1.2
2005
2010
2015
2020
2025


FATEXP_29
SI ratio
1.2
1.1
1.0
0.9
0.8
0.7
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
10.0
5.0
2.0
1.0
0.5
0.2
0
1
2
3
4
5
6
raw series
sa series

FATEXP_29

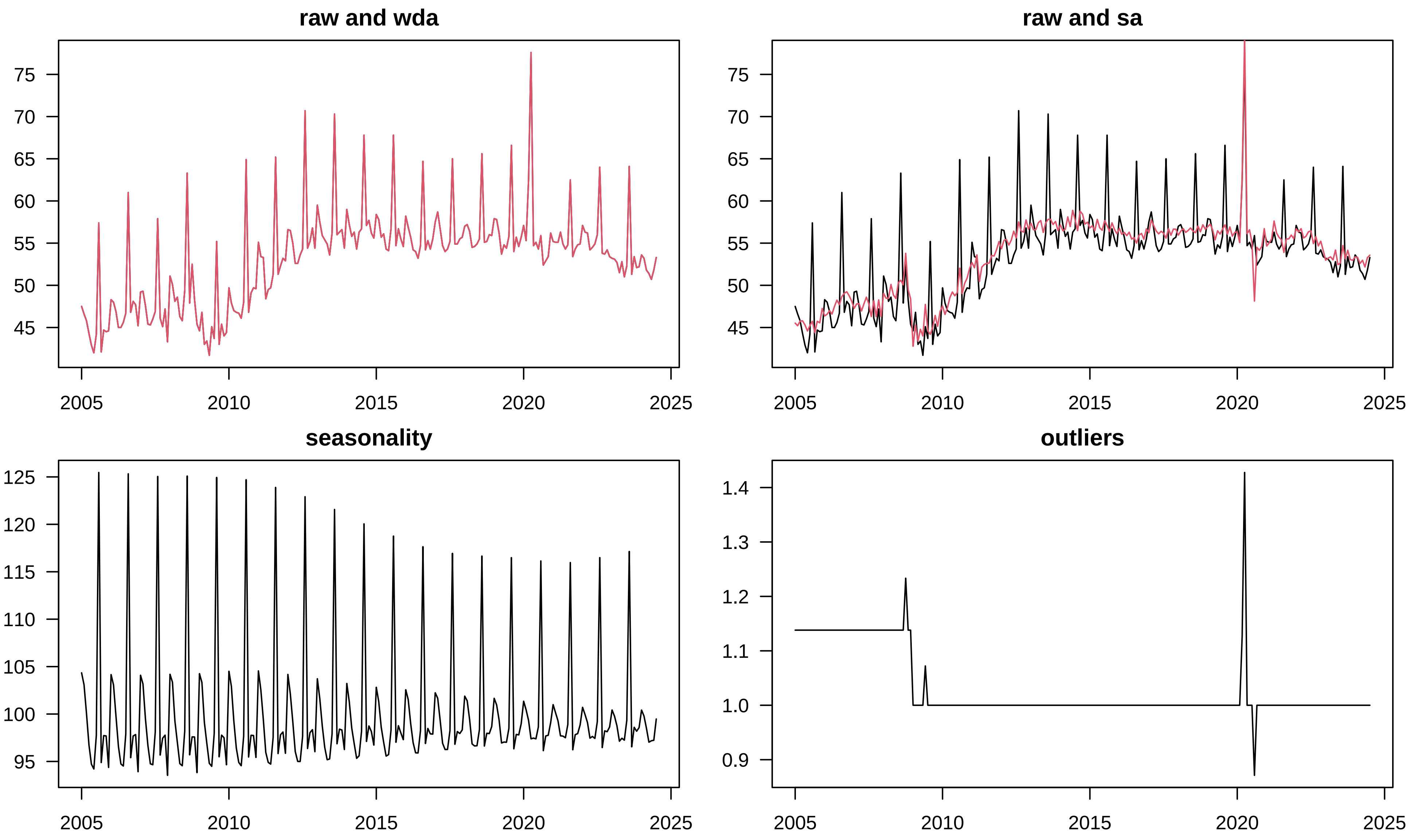


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
10
5
0
−5
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

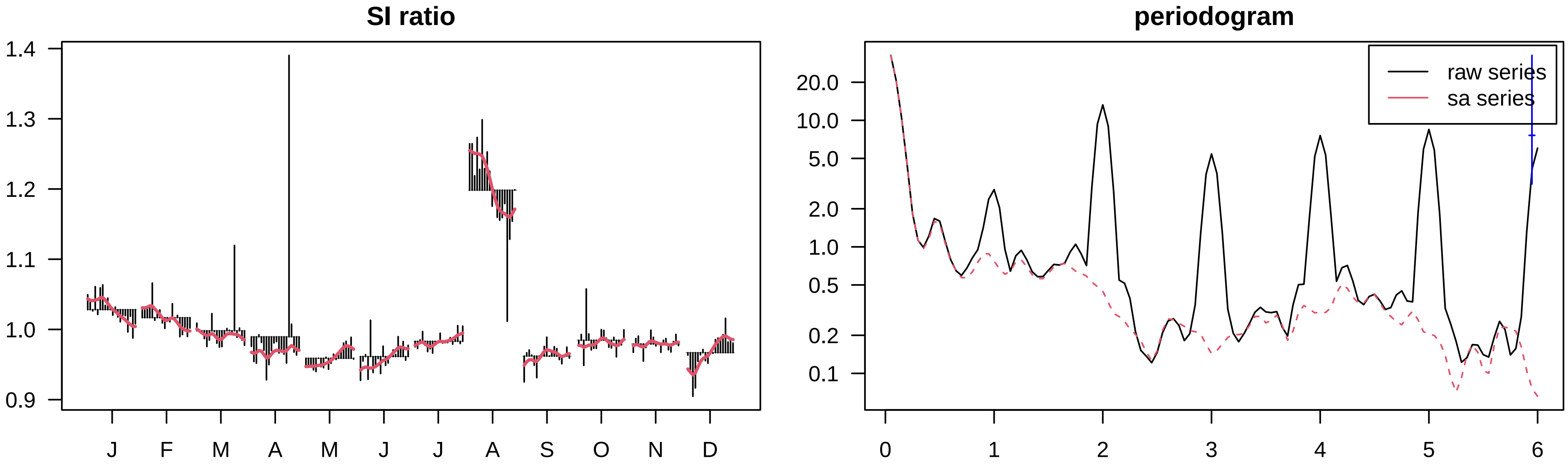


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
5
0
−5
−10
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

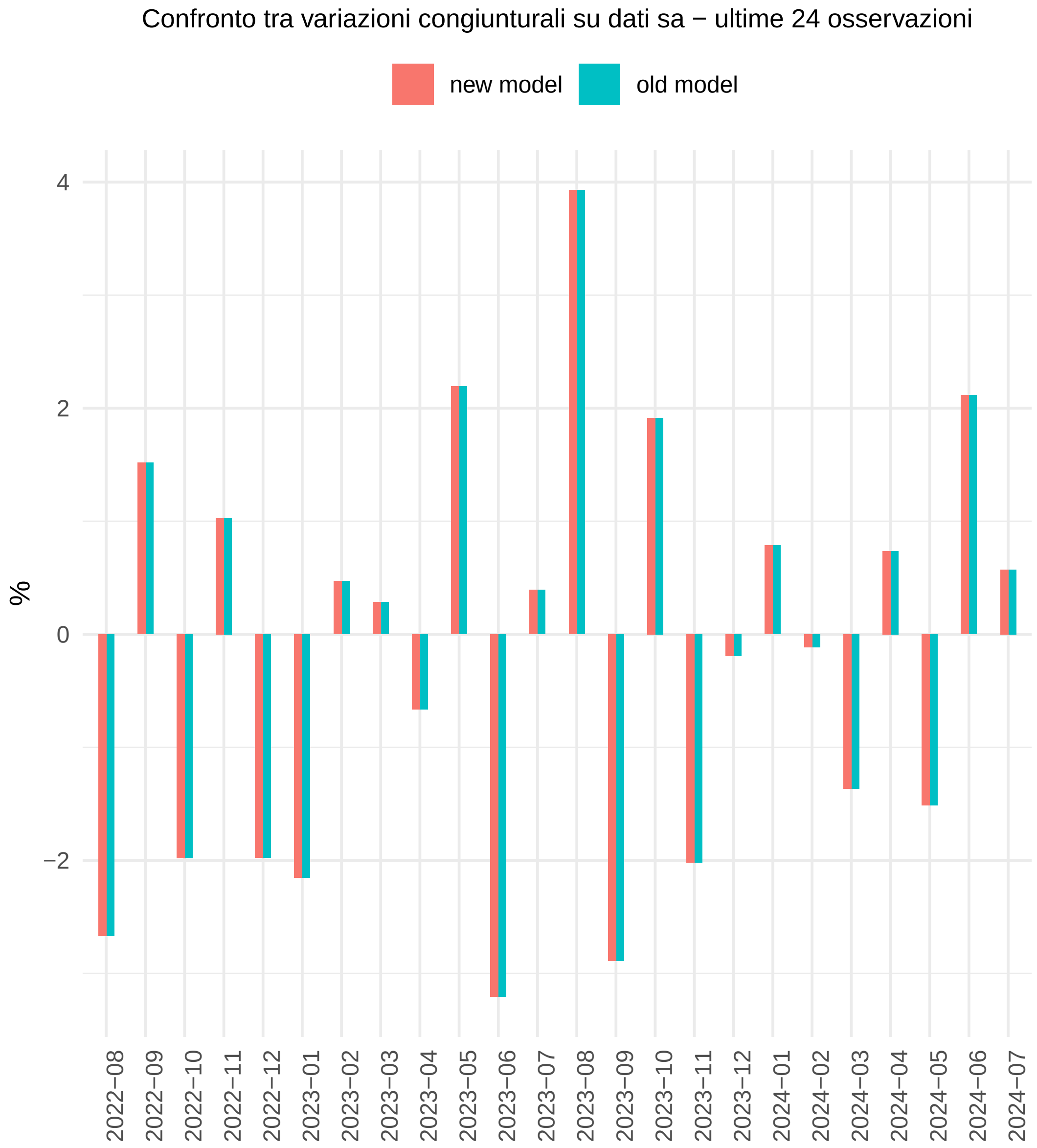
FATEXP_31

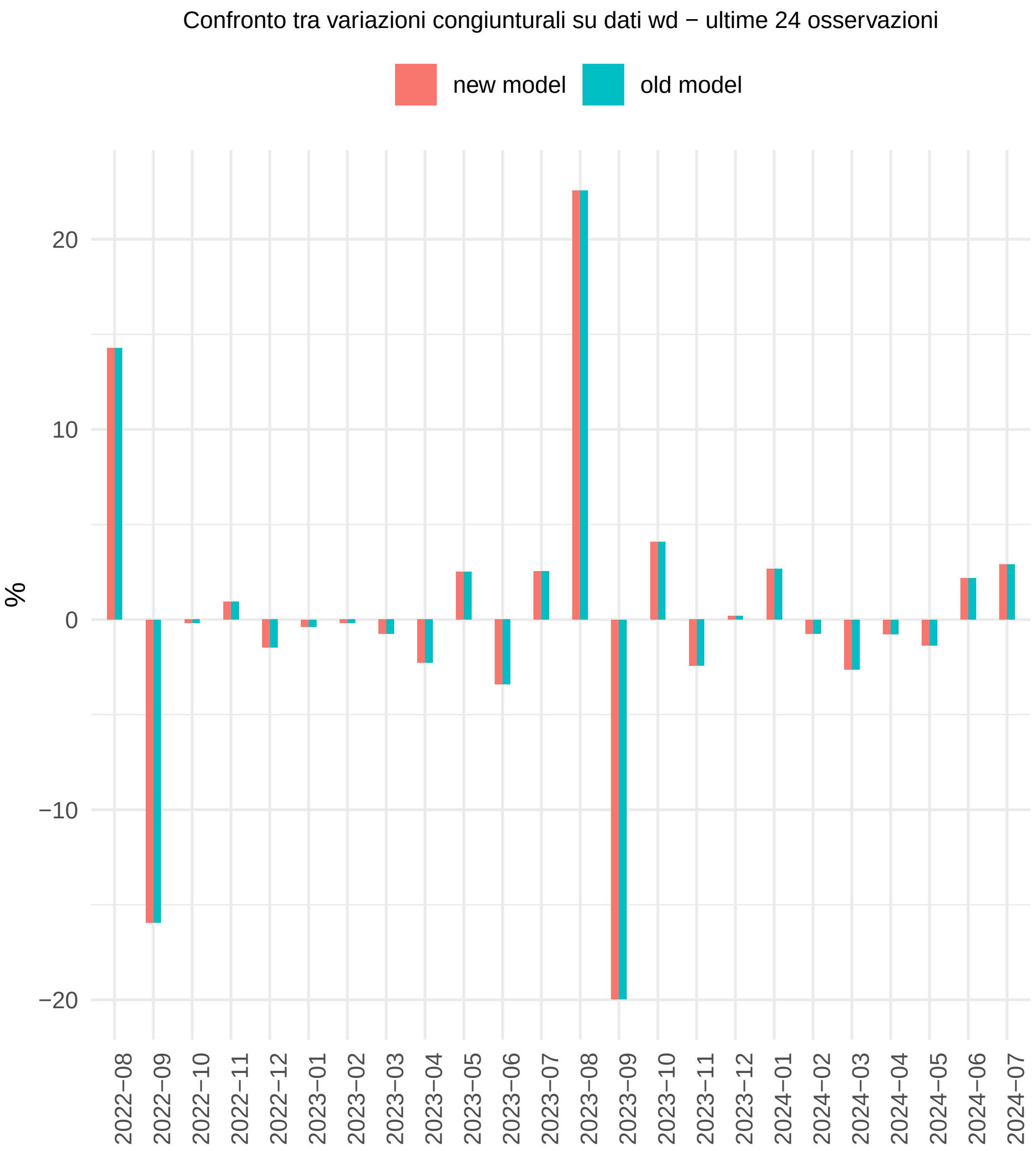

raw and wda
75
70
65
60
55
50
45
2005
2010
2015
2020
2025
raw and sa
75
70
65
60
55
50
45
2005
2010
2015
2020
2025
seasonality
125
120
115
110
105
100
95
2005
2010
2015
2020
2025
outliers
1.4
1.3
1.2
1.1
1.0
0.9
2005
2010
2015
2020
2025

FATEXP_31

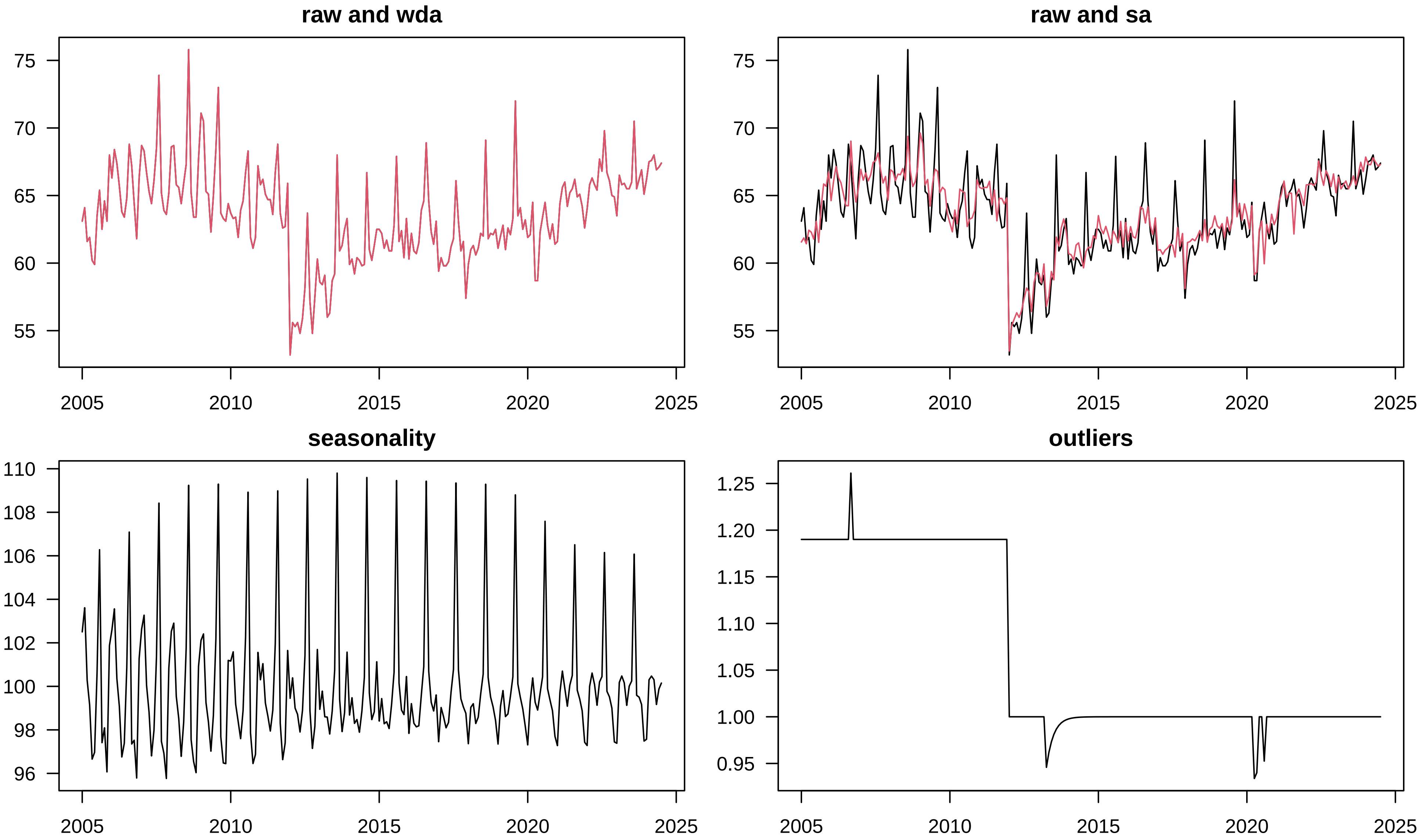

SI ratio
1.4
1.3
1.2
1.1
1.0
0.9
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
20.0
10.0
5.0
2.0
1.0
0.5
0.2
0.1
0
1
2
3
4
5
6

FATEXP_31

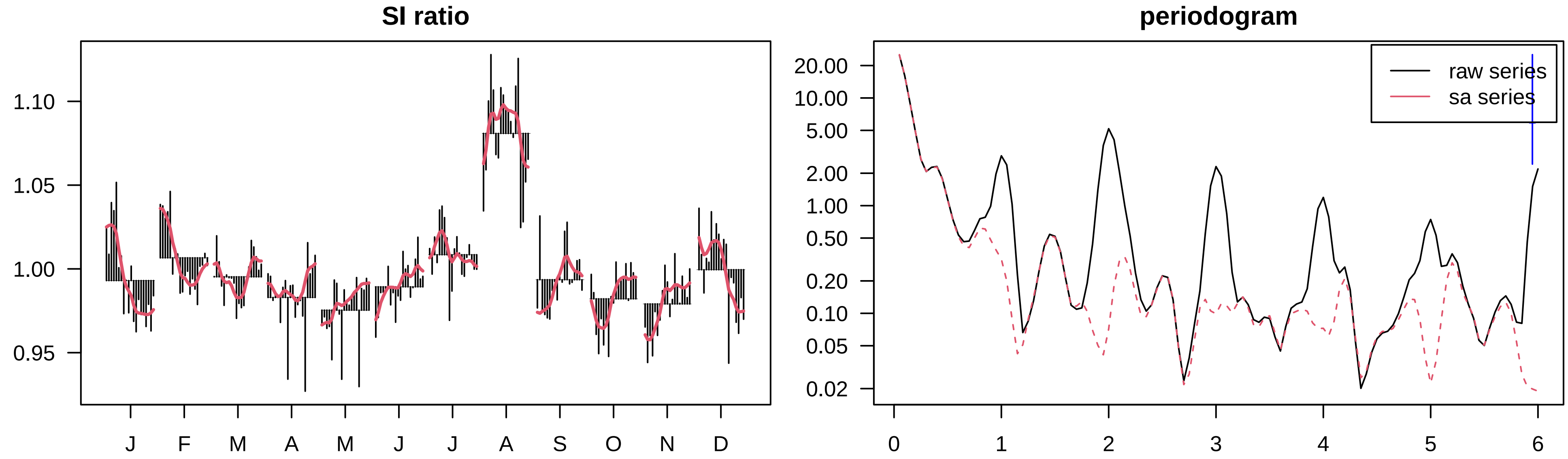

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

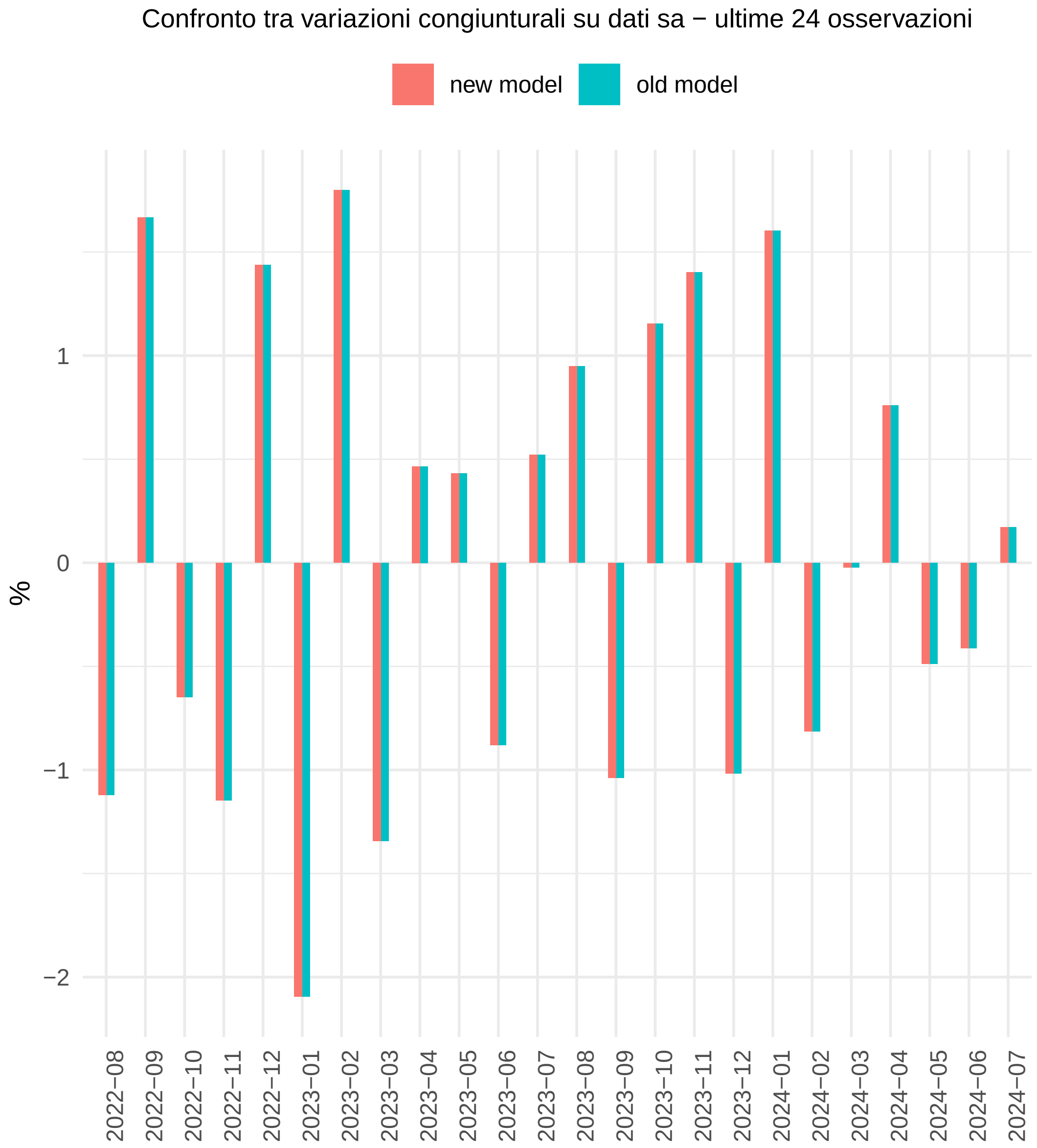
FATEXP_32

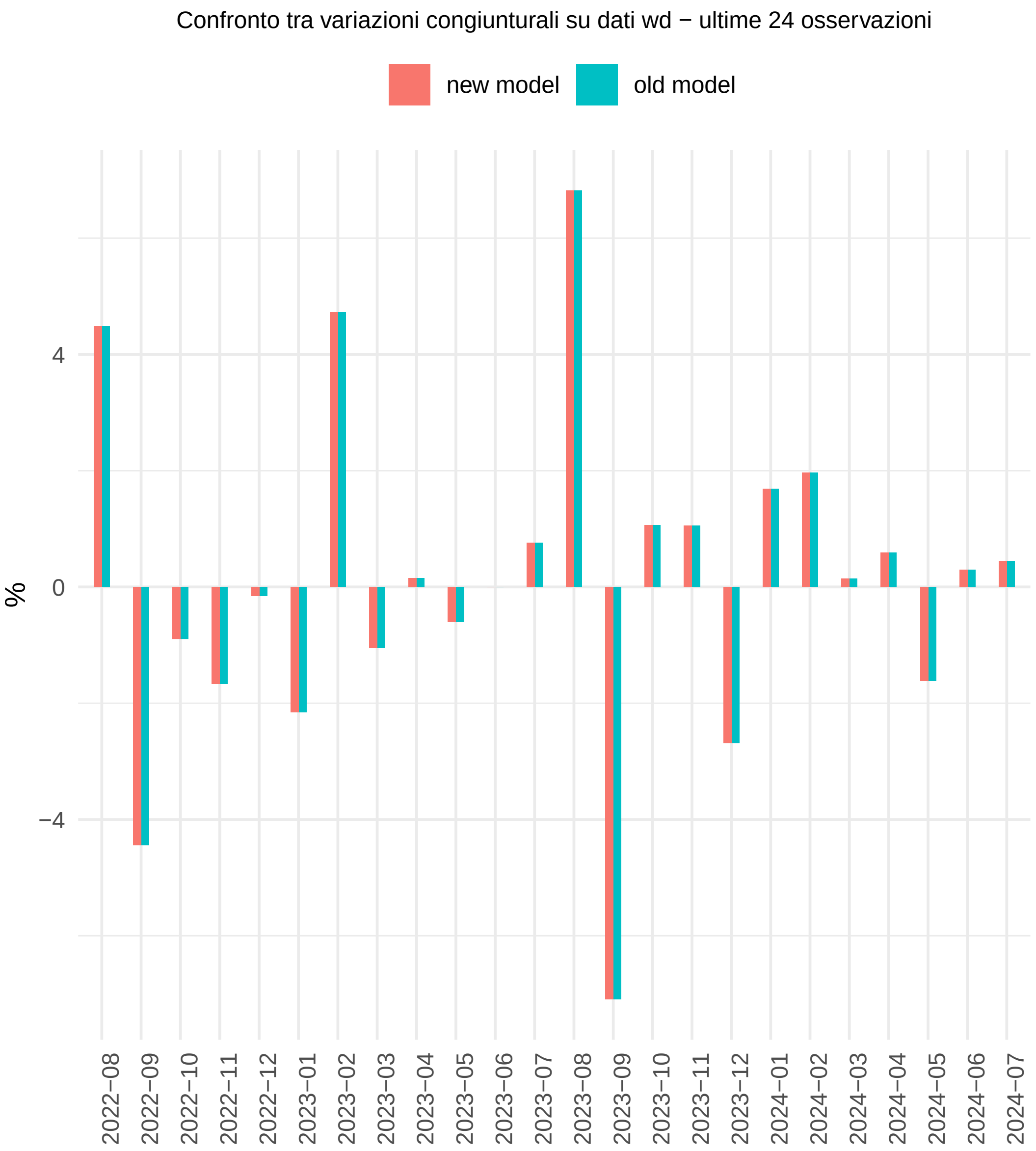

raw and wda
75
70
65
60
55
2005
2010
2015
2020
2025
raw and sa
75
70
65
60
55
2005
2010
2015
2020
2025
seasonality
110
108
106
104
102
100
98
96
2005
2010
2015
2020
2025
outliers
1.25
1.20
1.15
1.10
1.05
1.00
0.95
2005
2010
2015
2020
2025

FATEXP_32

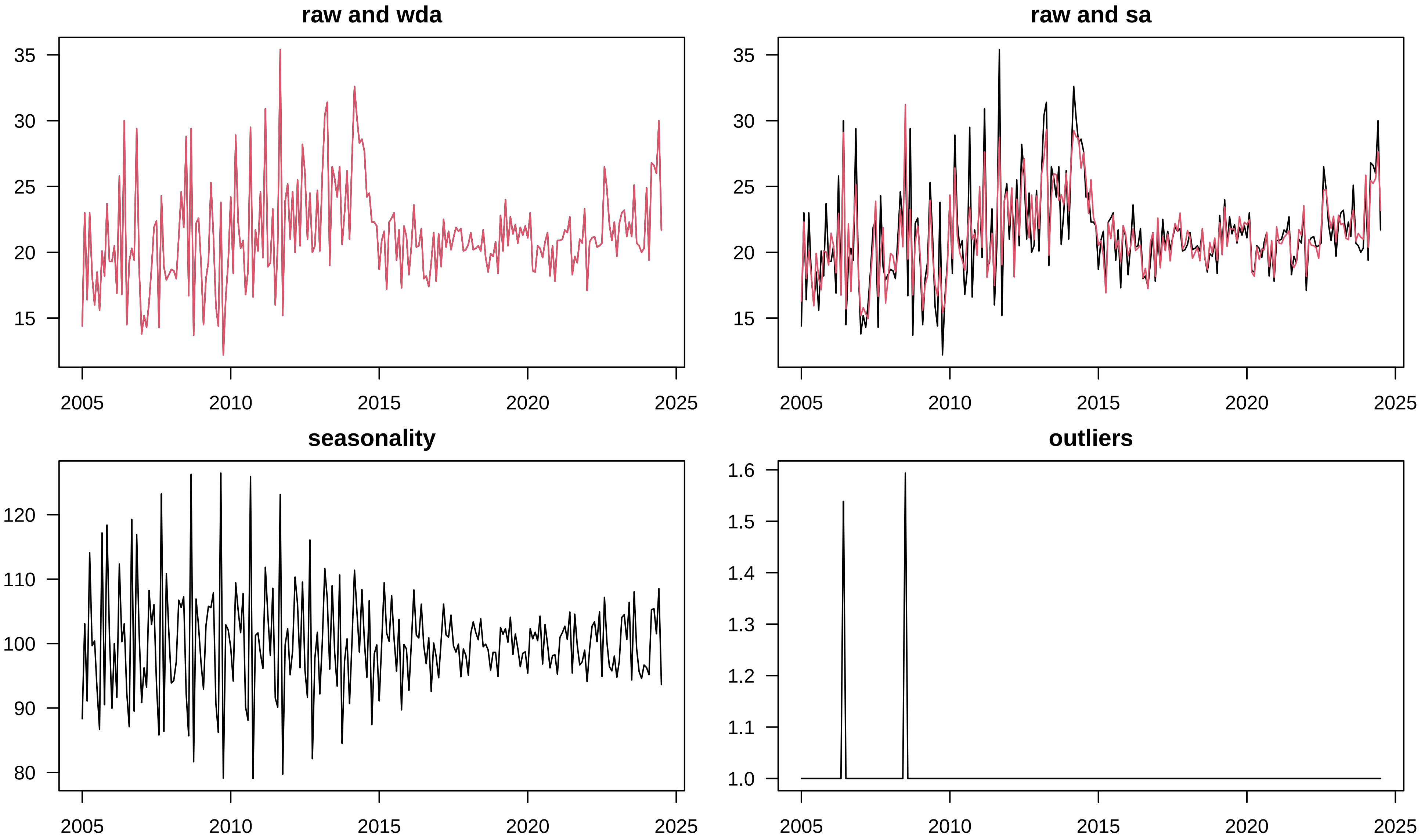

SI ratio
1.10
1.05
1.00
0.95
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
20.00
10.00
5.00
2.00
1.00
0.50
0.20
0.10
0.05
0.02
0
1
2
3
4
5
6
raw series
sa series

FATEXP_32


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
1
0
−1
−2
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
4
0
−4
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

FATEXP_33

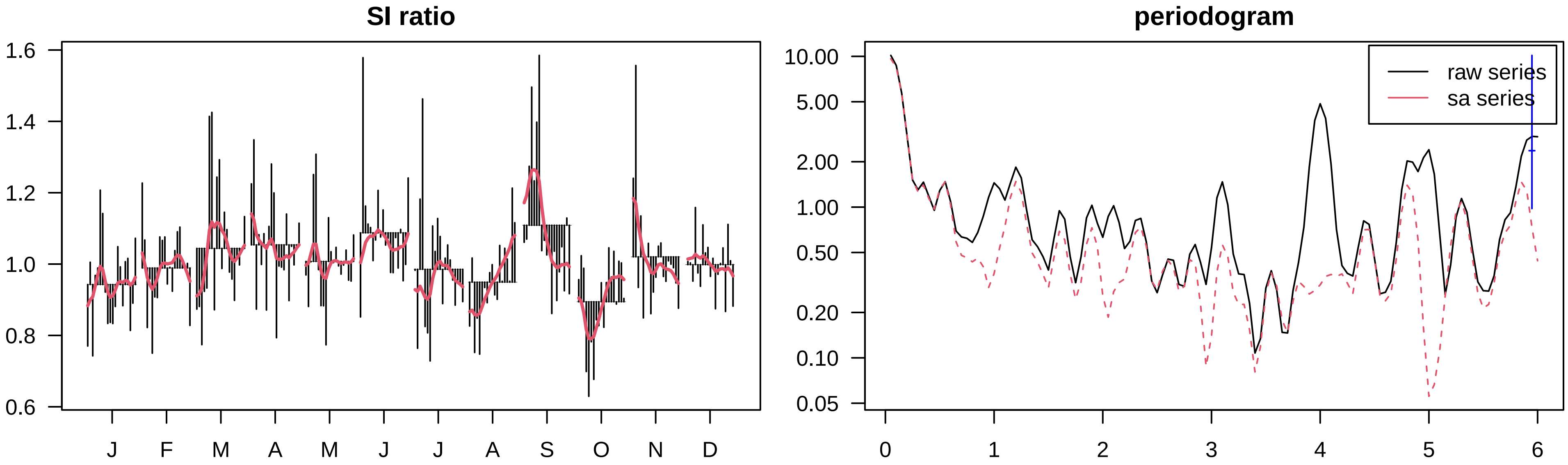

raw and wda

raw and sa

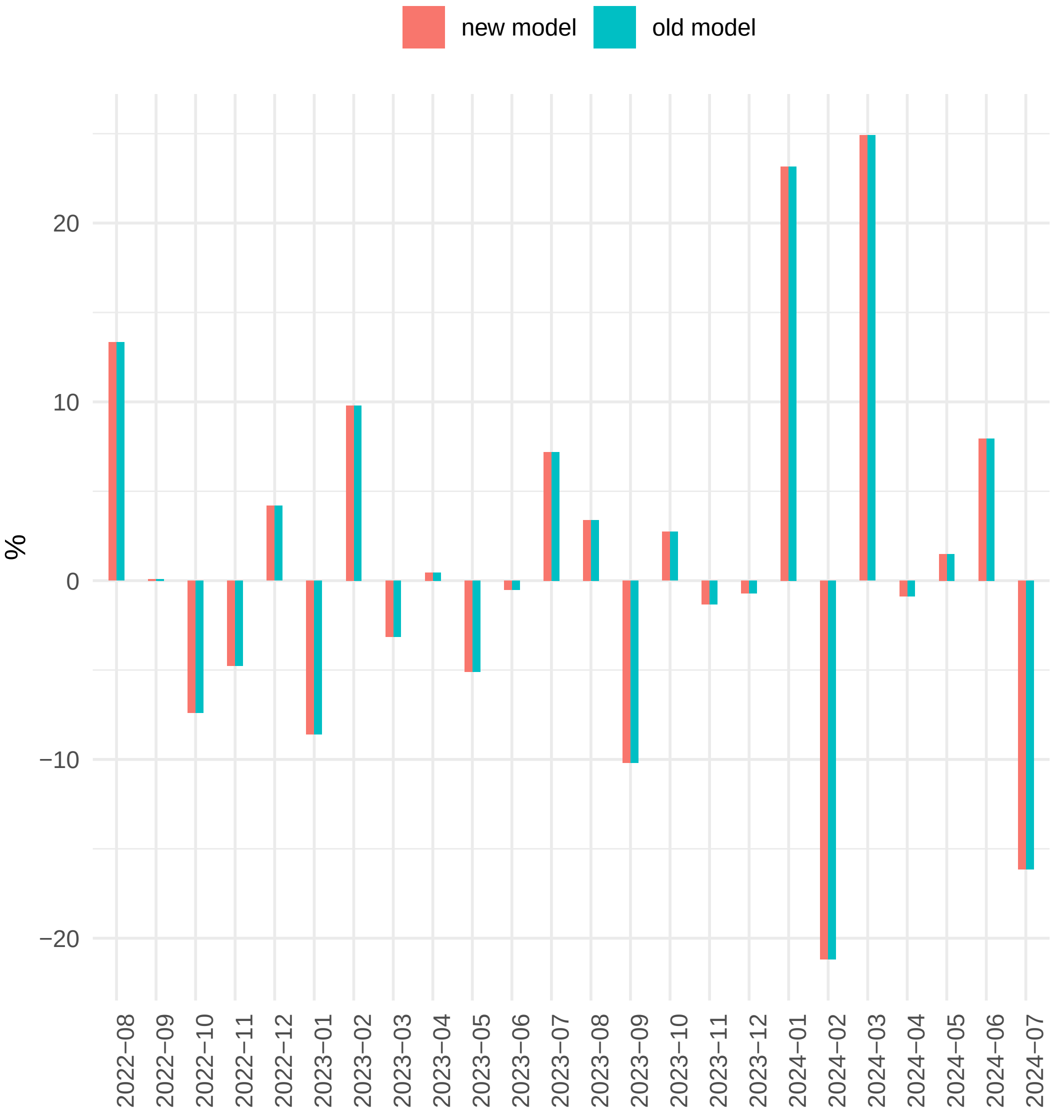
seasonality

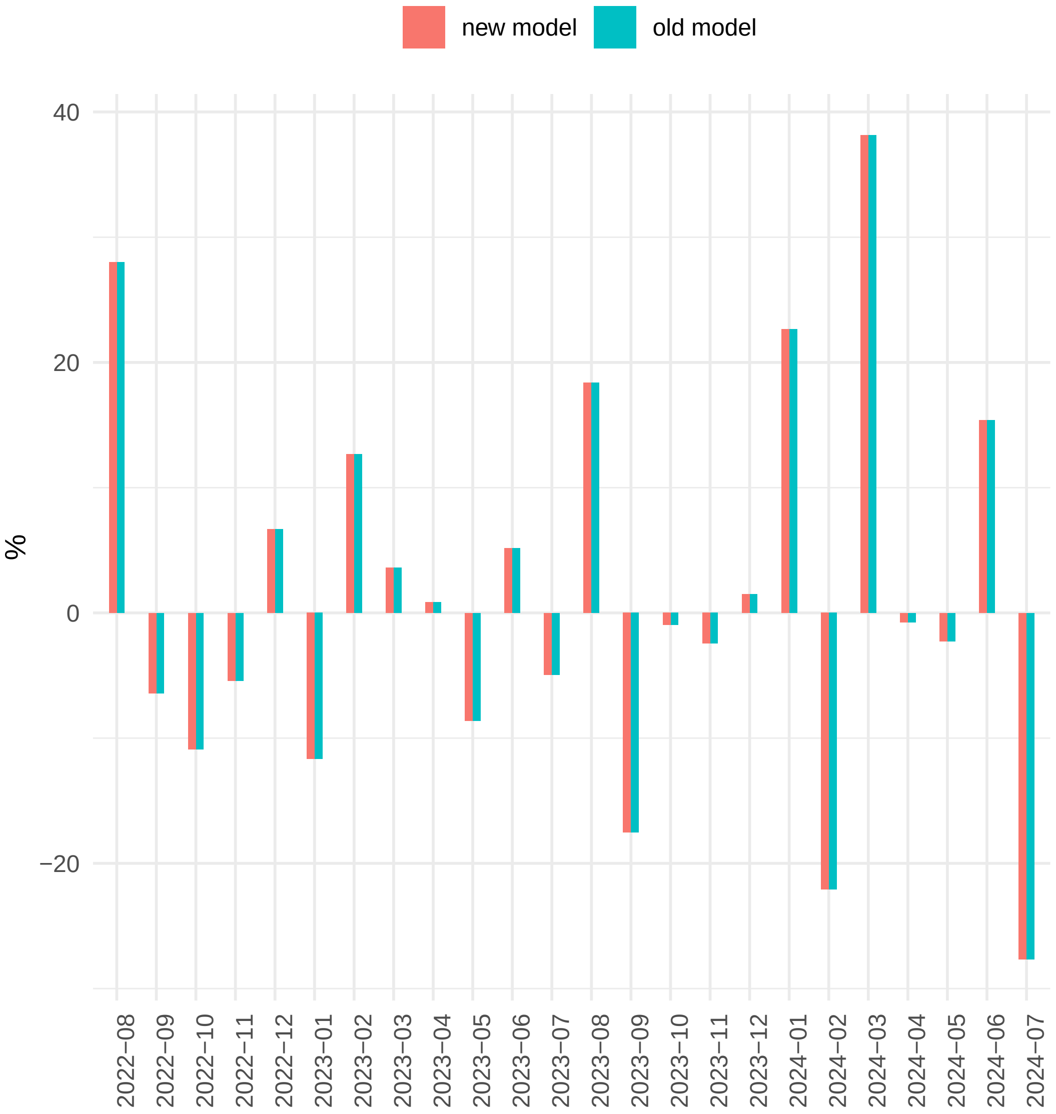
outliers

FATEXP_33

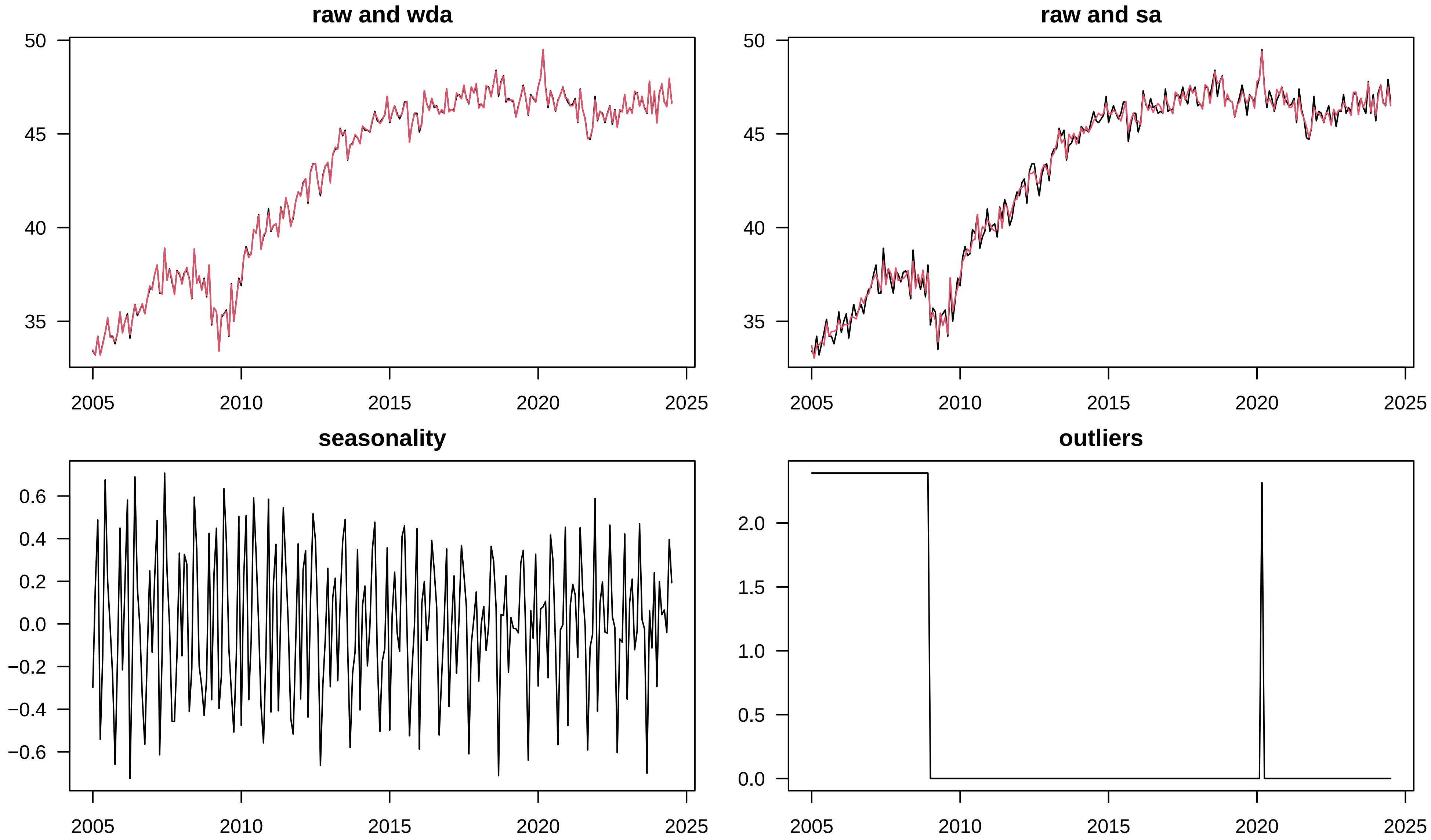

SI ratio
1.6
1.4
1.2
1.0
0.8
0.6
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
10.00
5.00
2.00
1.00
0.50
0.20
0.10
0.05
0
1
2
3
4
5
6
raw series
sa series

FATEXP_33

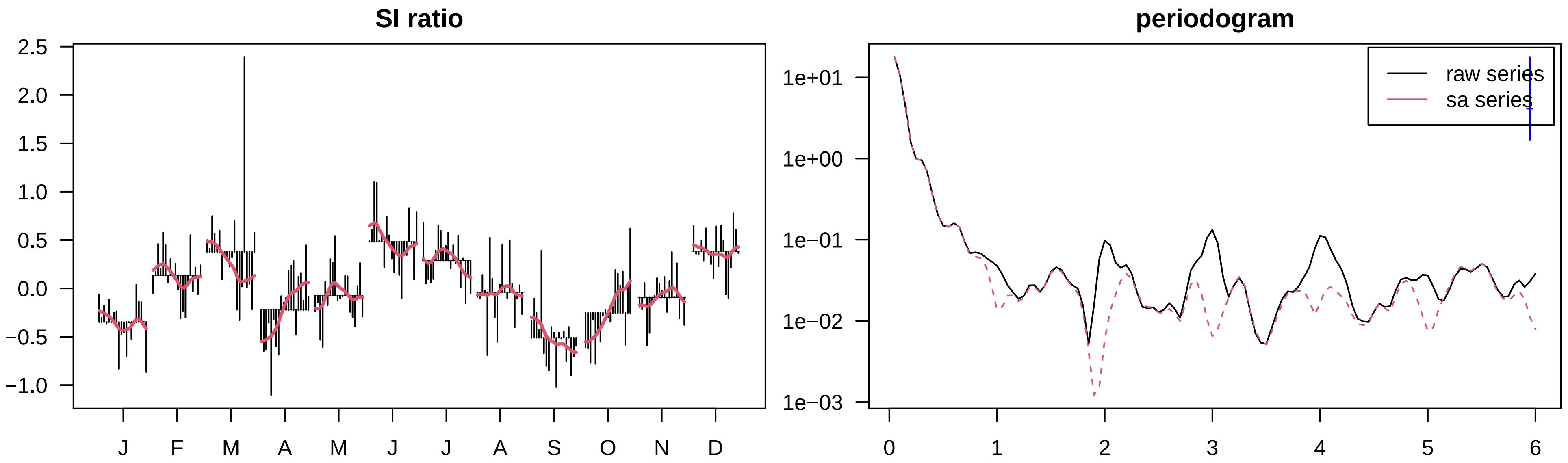

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

FATEXP_C

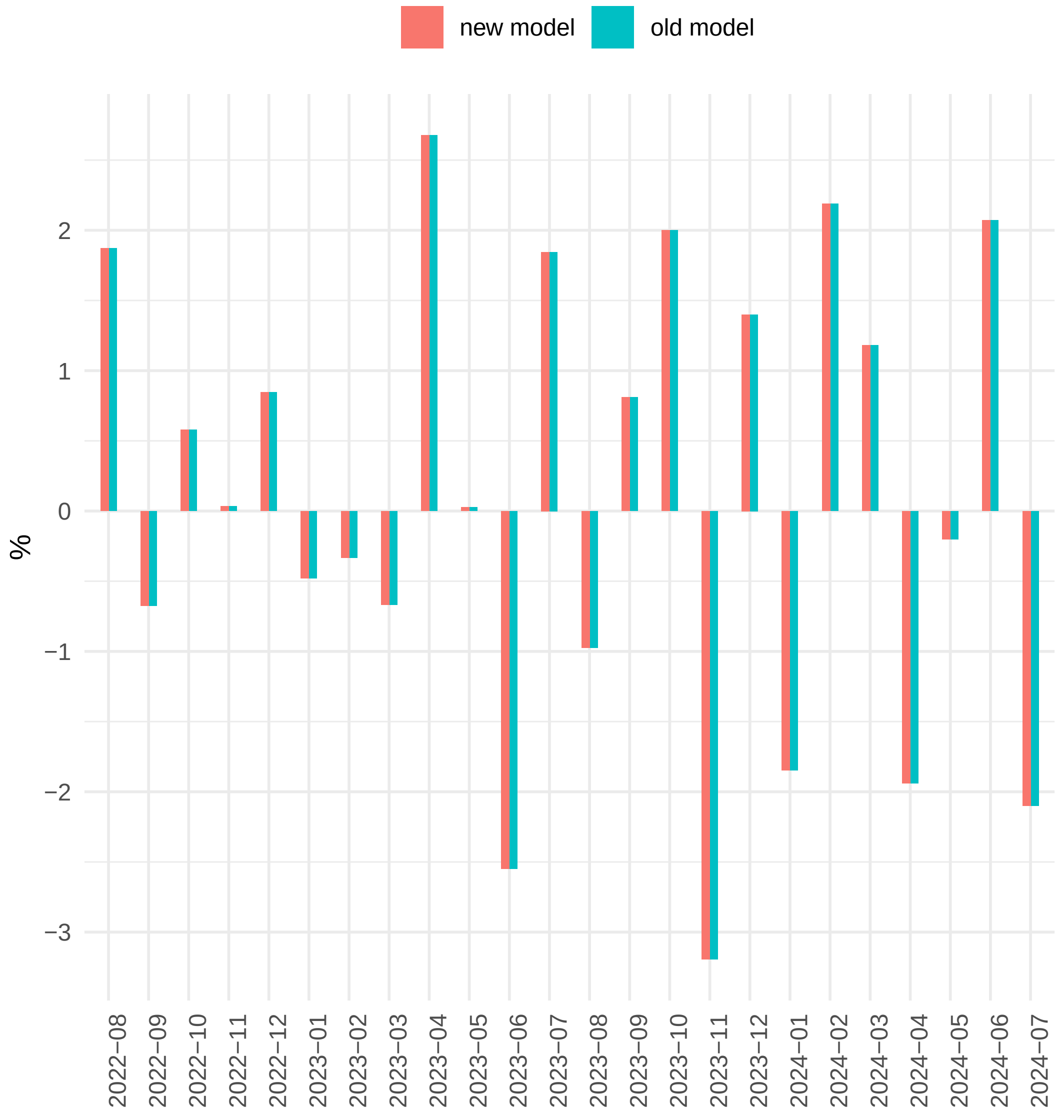

raw and wda
50
45
40
35
2005
2010
2015
2020
2025
raw and sa
50
45
40
35
2005
2010
2015
2020
2025
seasonality
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
2005
2010
2015
2020
2025
outliers
2.0
1.5
1.0
0.5
0.0
2005
2010
2015
2020
2025

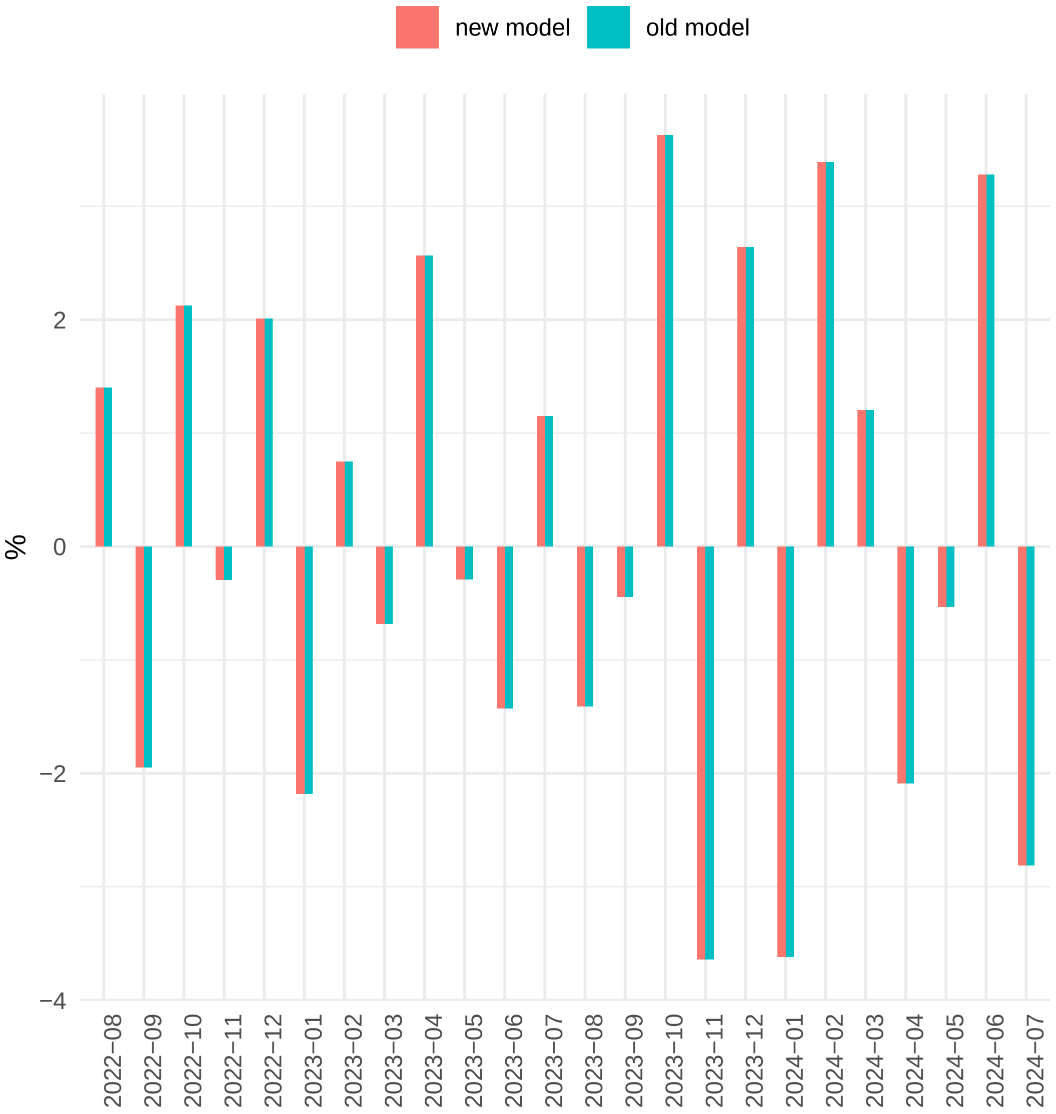
FATEXP_C

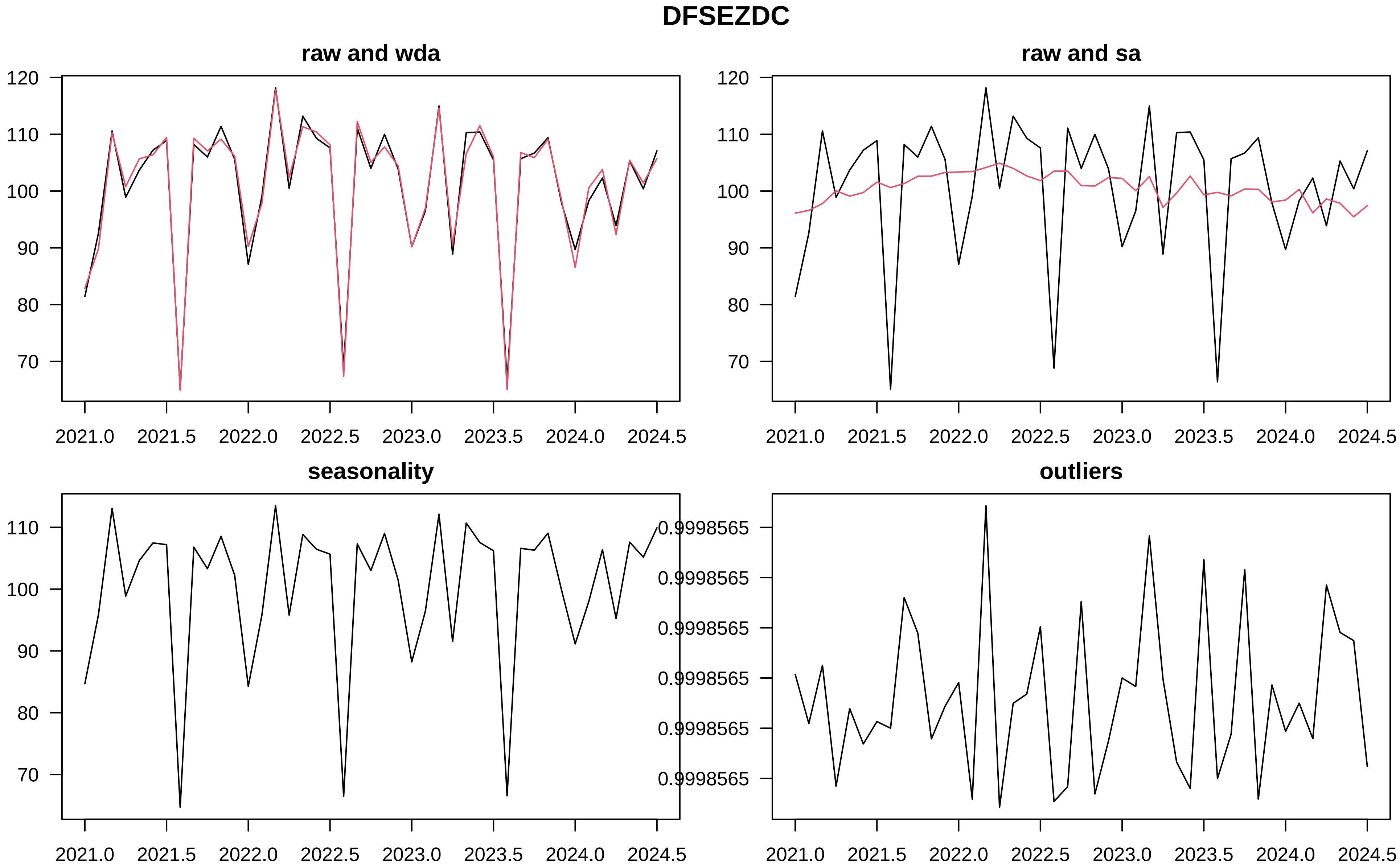

SI ratio

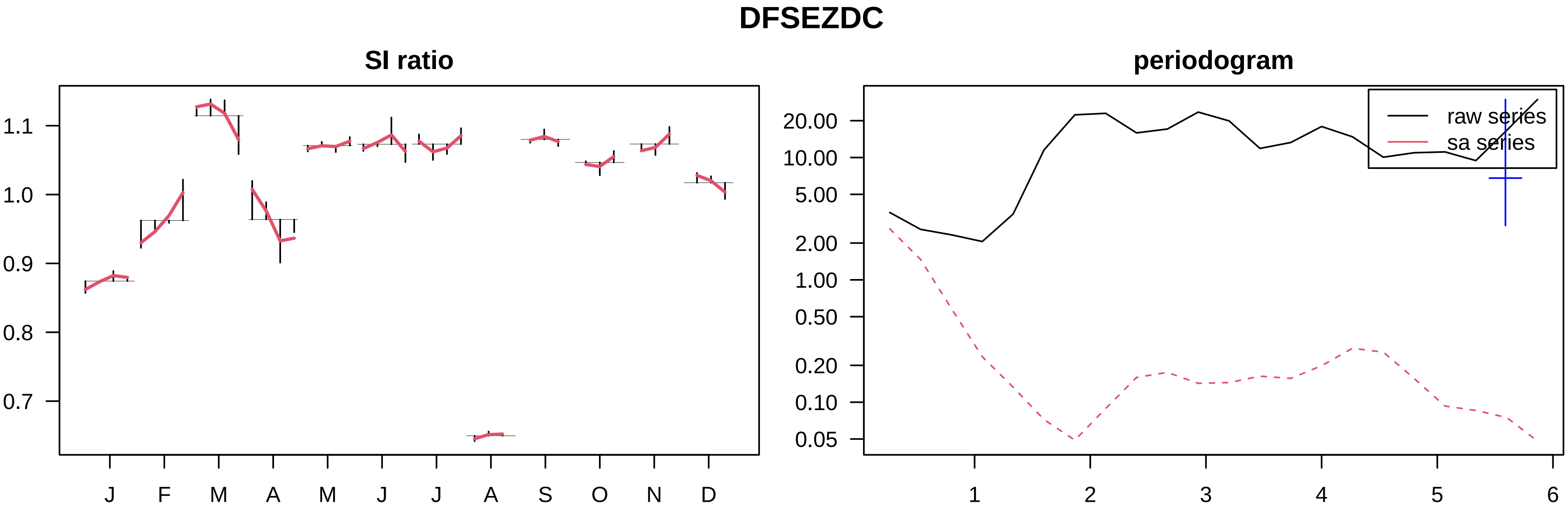
periodogram

FATEXP_C

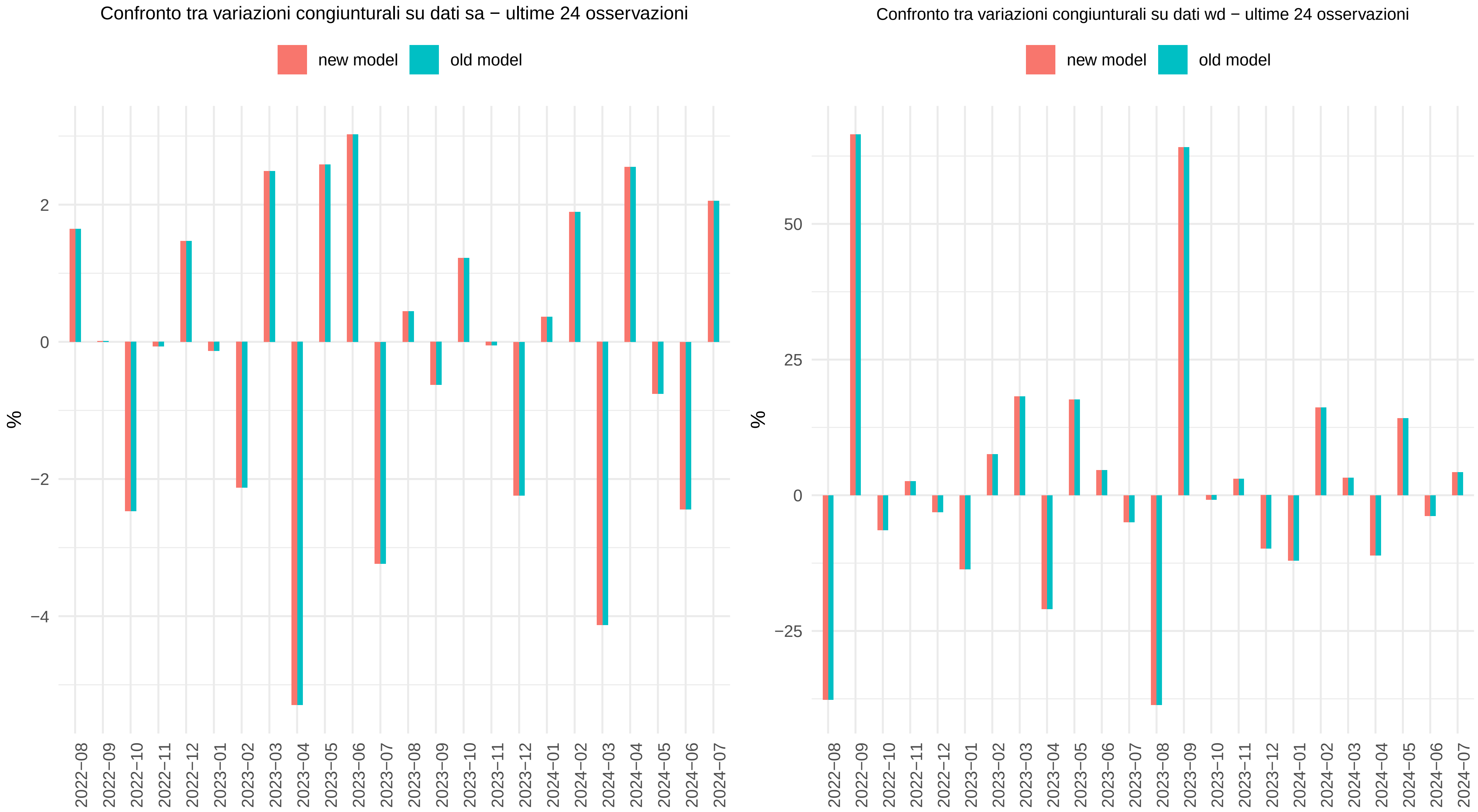

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni


DFSEZDC
raw and wda
raw and sa
seasonality
outliers
120
110
100
90
80
70
0.9998565
2021.0
2021.5
2022.0
2022.5
2023.0
2023.5
2024.0
2024.5

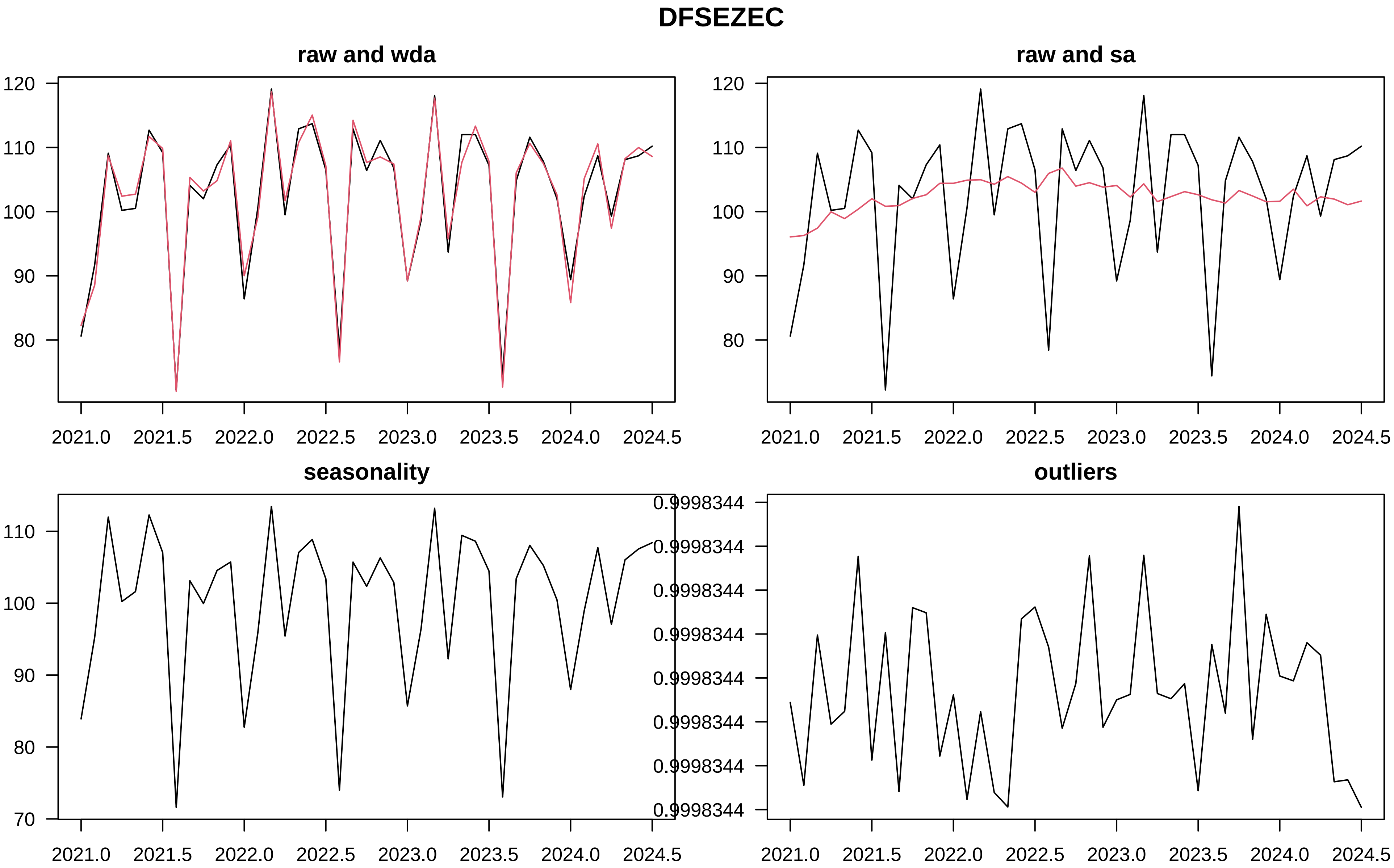

DFSEZDC
SI ratio
1.1
1.0
0.9
0.8
0.7
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
20.00
10.00
5.00
2.00
1.00
0.50
0.20
0.10
0.05
1
2
3
4
5
6

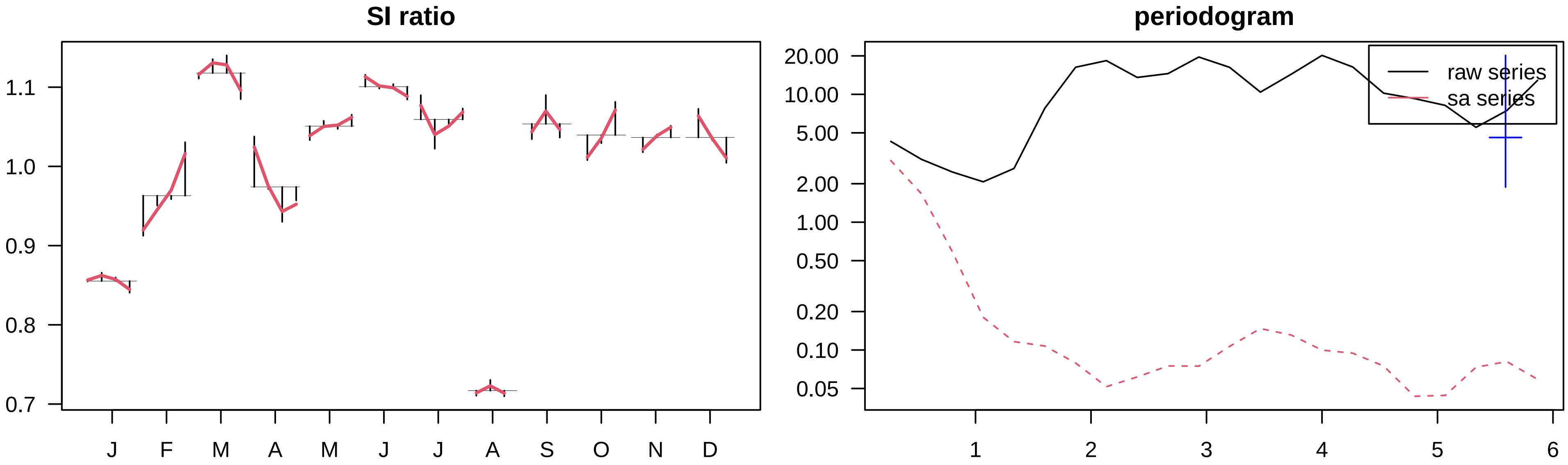
DFSEZDC



Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

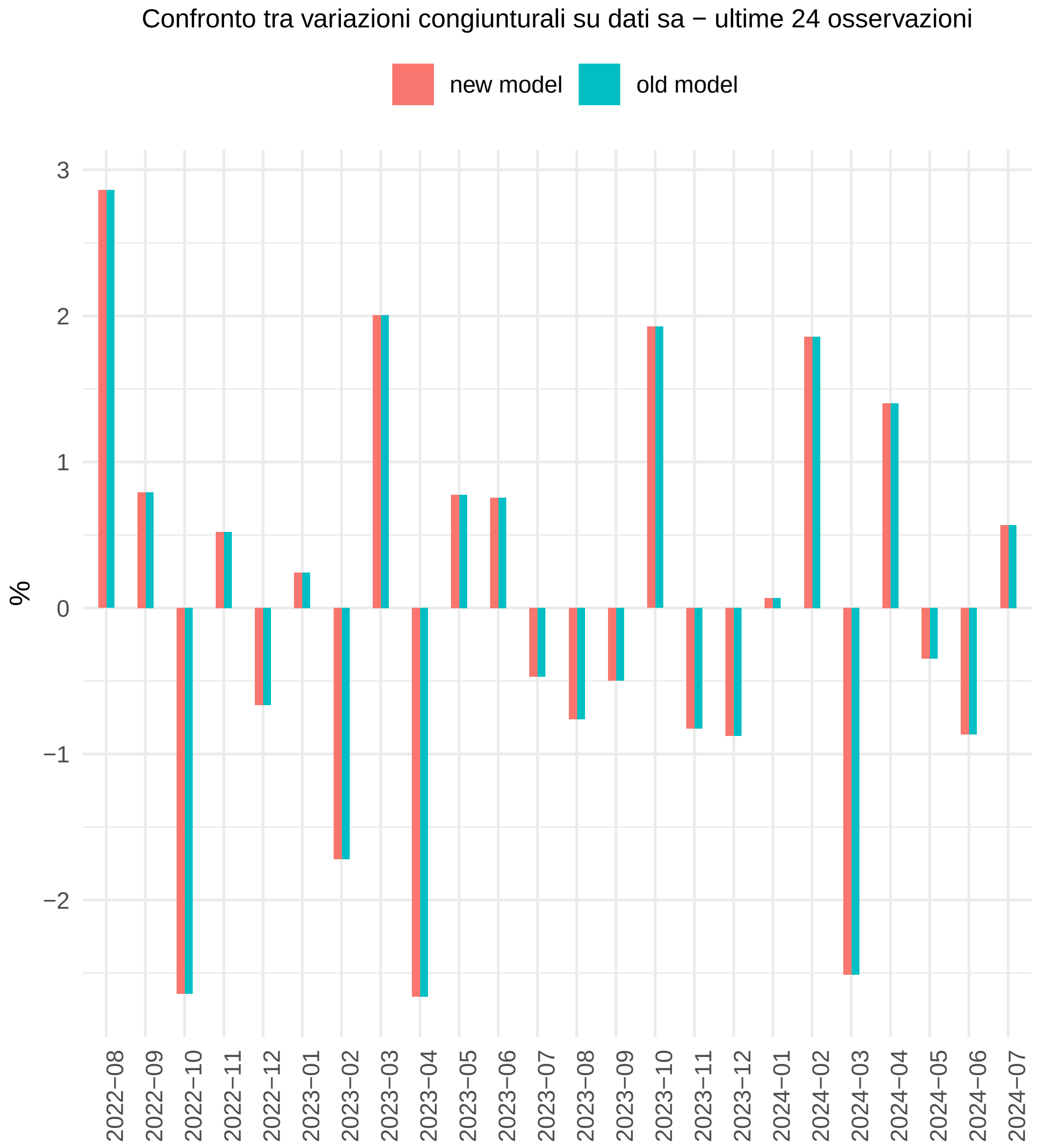
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

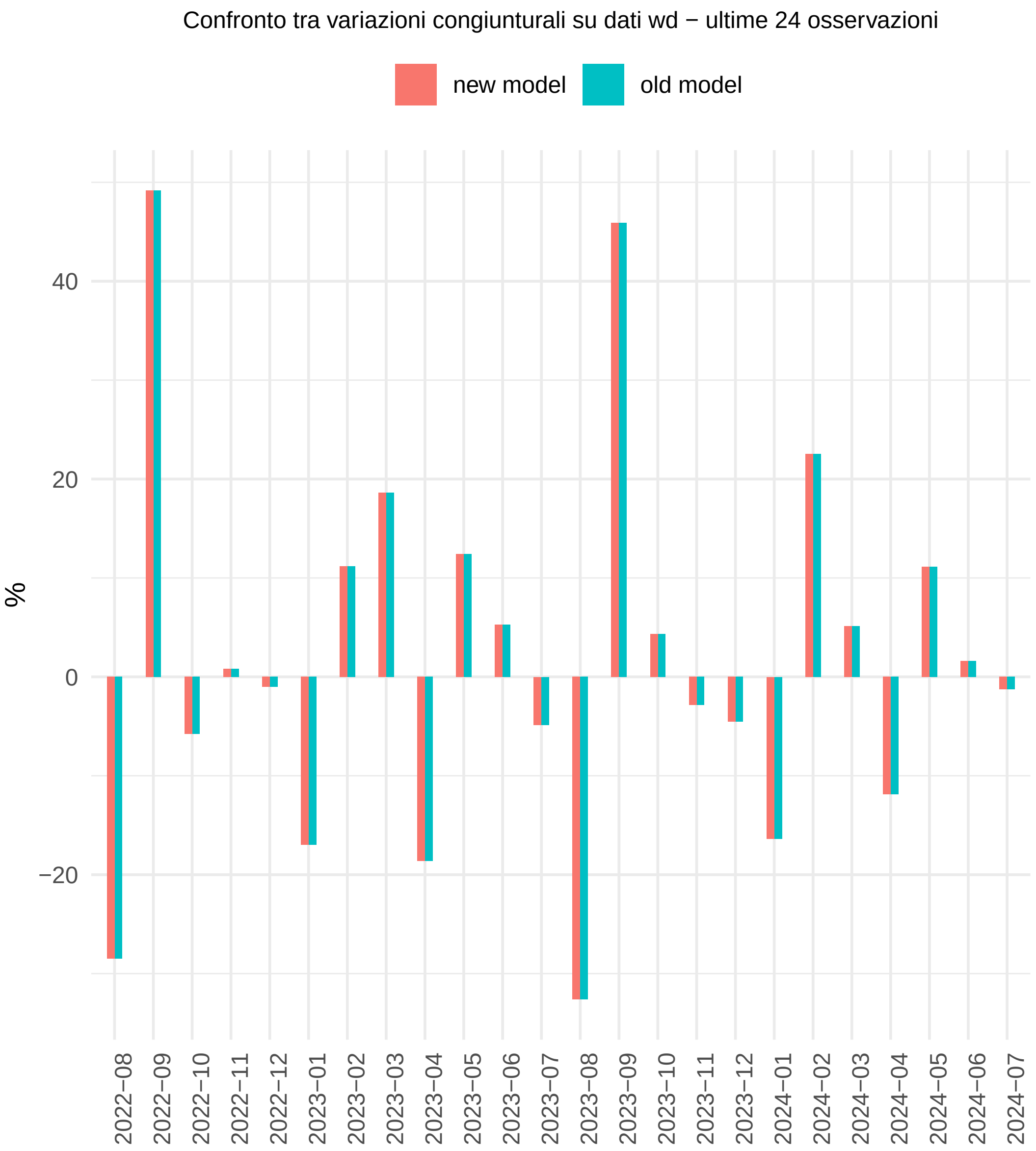

DFSEZEC
raw and wda
120
110
100
90
80
2021.0
2021.5
2022.0
2022.5
2023.0
2023.5
2024.0
2024.5
raw and sa
120
110
100
90
80
2021.0
2021.5
2022.0
2022.5
2023.0
2023.5
2024.0
2024.5
seasonality
110
100
90
80
70
2021.0
2021.5
2022.0
2022.5
2023.0
2023.5
2024.0
2024.5
outliers
0.9998344
0.9998344
0.9998344
0.9998344
0.9998344
0.9998344
0.9998344
0.9998344
2021.0
2021.5
2022.0
2022.5
2023.0
2023.5
2024.0
2024.5


SI ratio
1.1
1.0
0.9
0.8
0.7
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
20.00
10.00
5.00
2.00
1.00
0.50
0.20
0.10
0.05
1
2
3
4
5
6
raw series
sa series

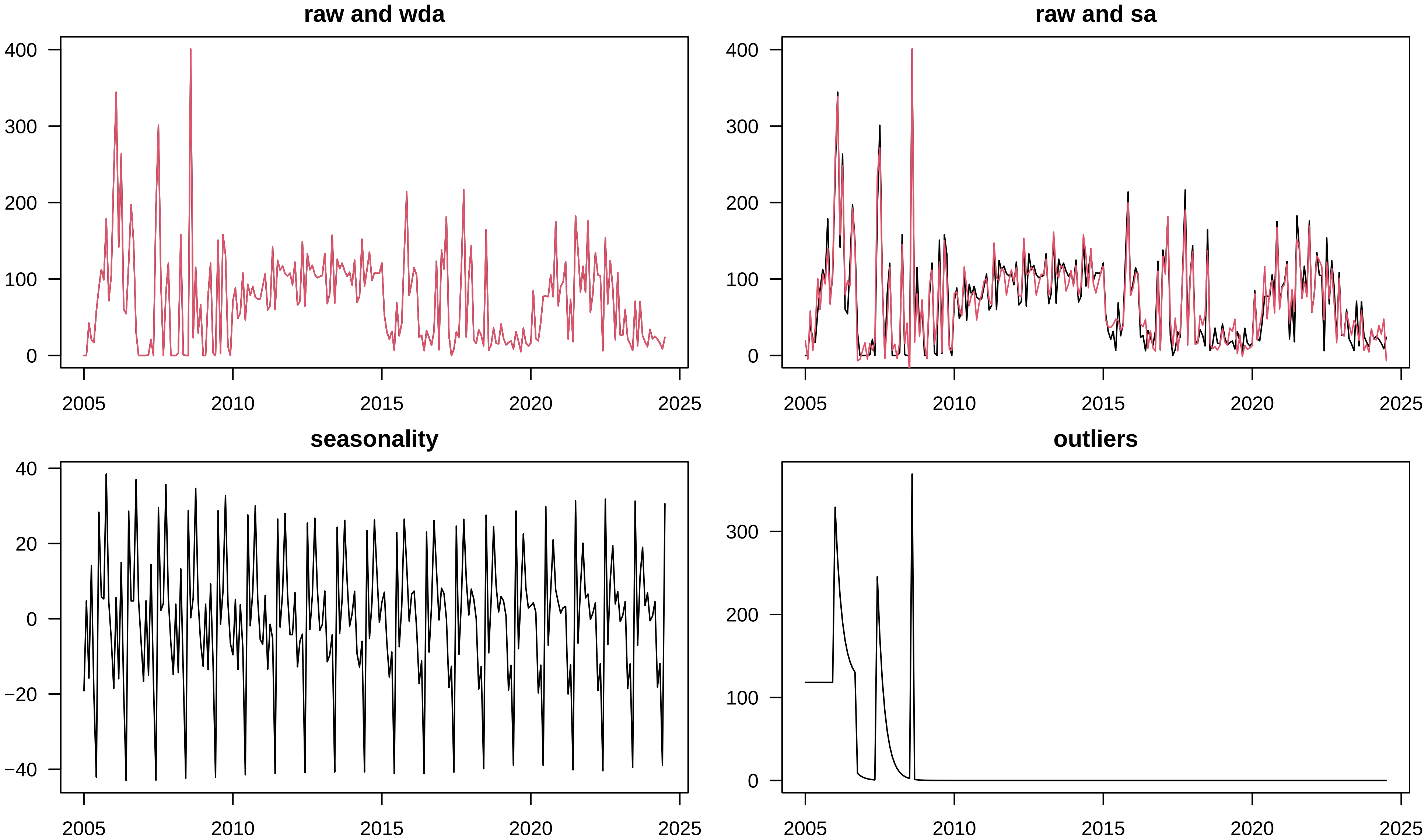
DFSEZEC

DFSEZEC

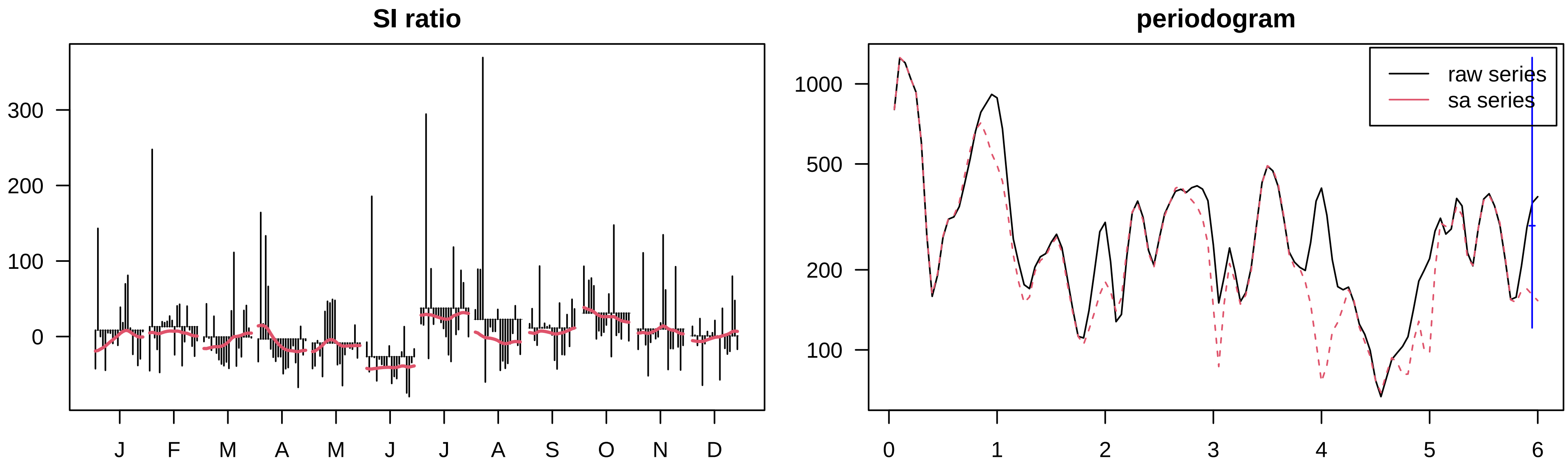

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
3
2
1
0
−1
−2
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
40
20
0
−20
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

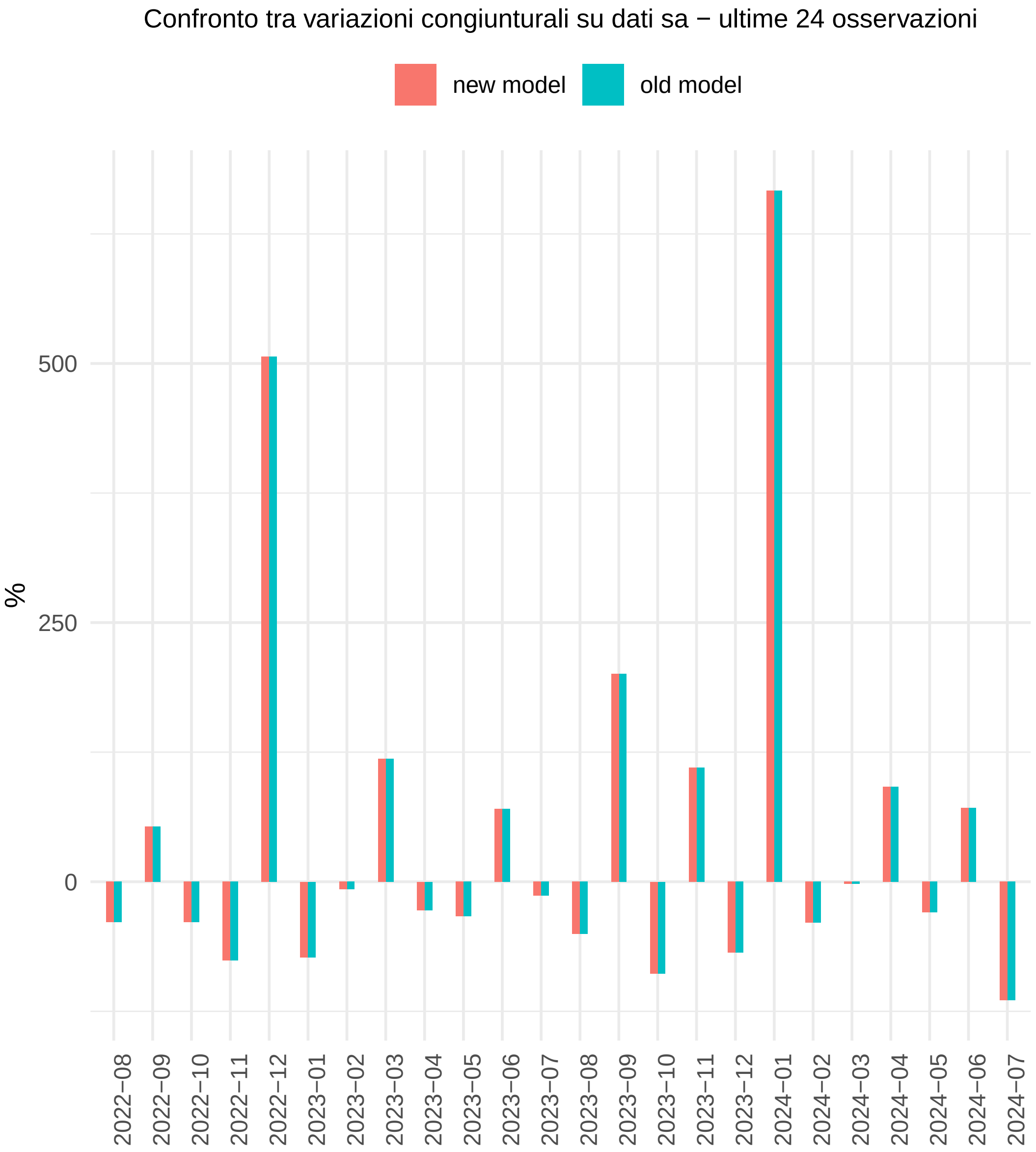
DIVIZ06

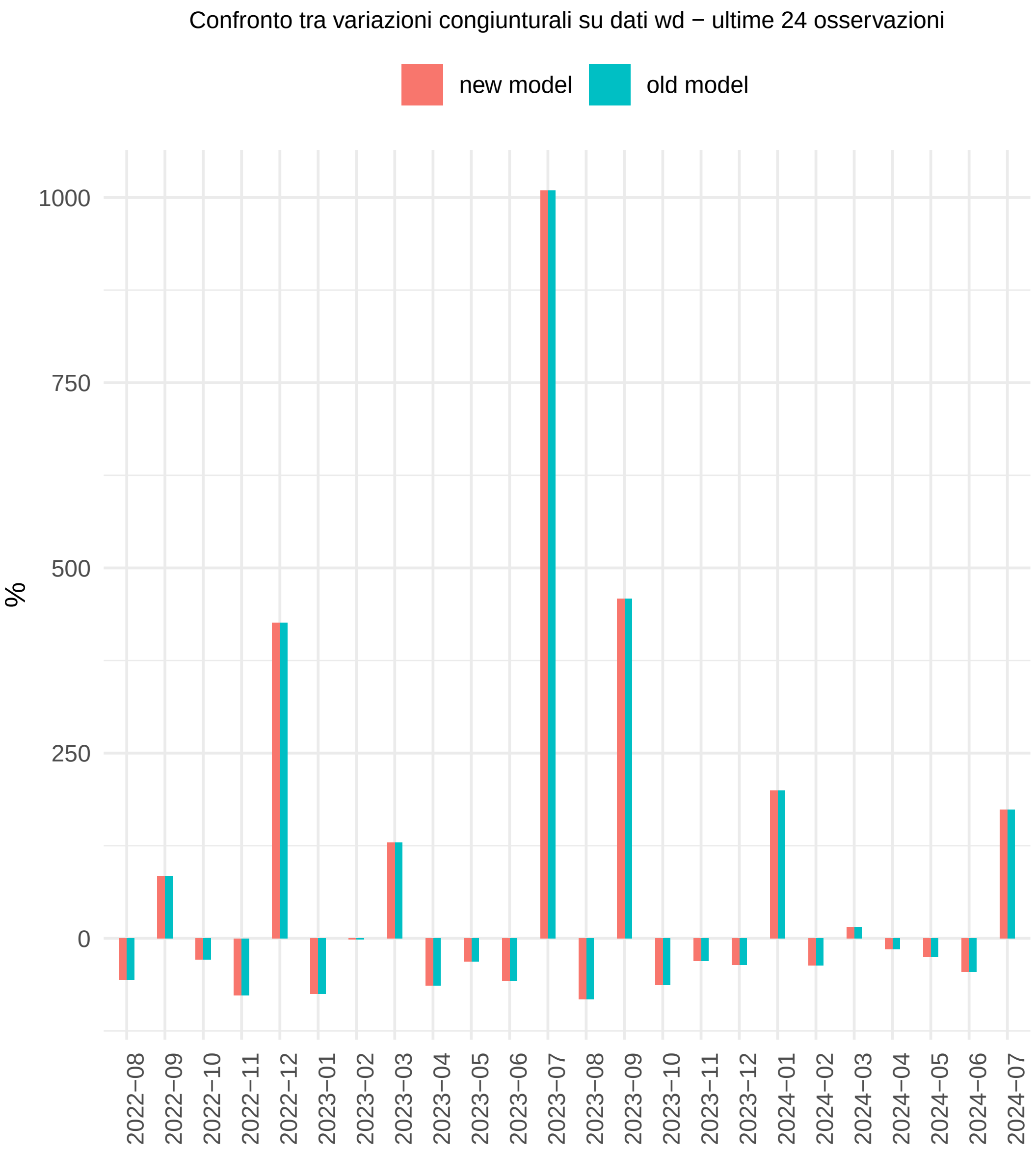

raw and wda
400
300
200
100
0
2005
2010
2015
2020
2025
raw and sa
400
300
200
100
0
2005
2010
2015
2020
2025
seasonality
40
20
0
−20
−40
2005
2010
2015
2020
2025
outliers
300
200
100
0
2005
2010
2015
2020
2025

DIVIZ06

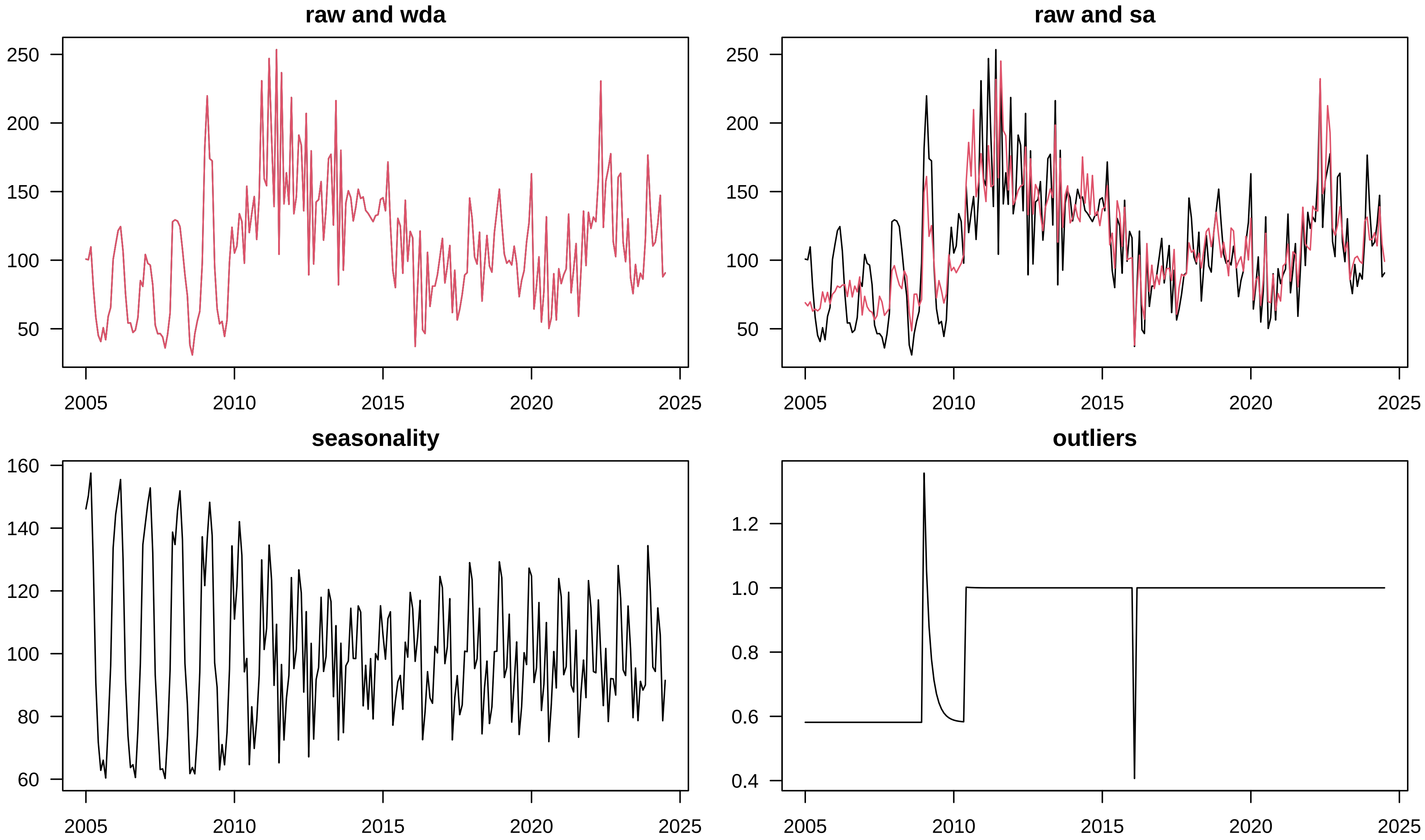

SI ratio
300
200
100
0
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1000
500
200
100
0
1
2
3
4
5
6
raw series
sa series

DIVIZ06

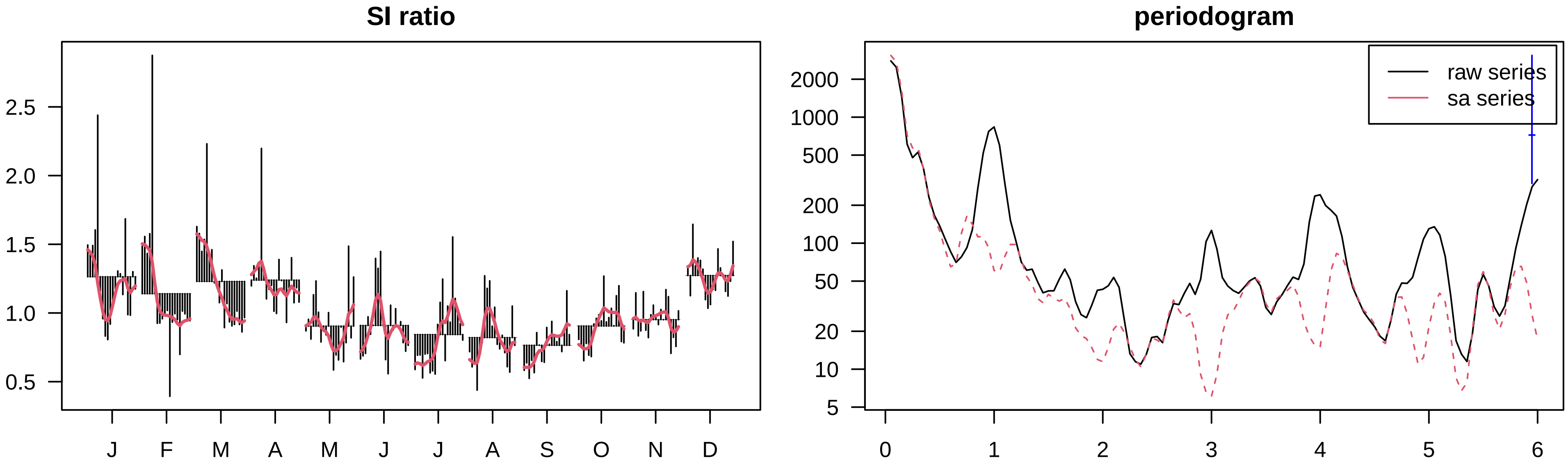

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
500
250
0
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
1000
750
500
250
0
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

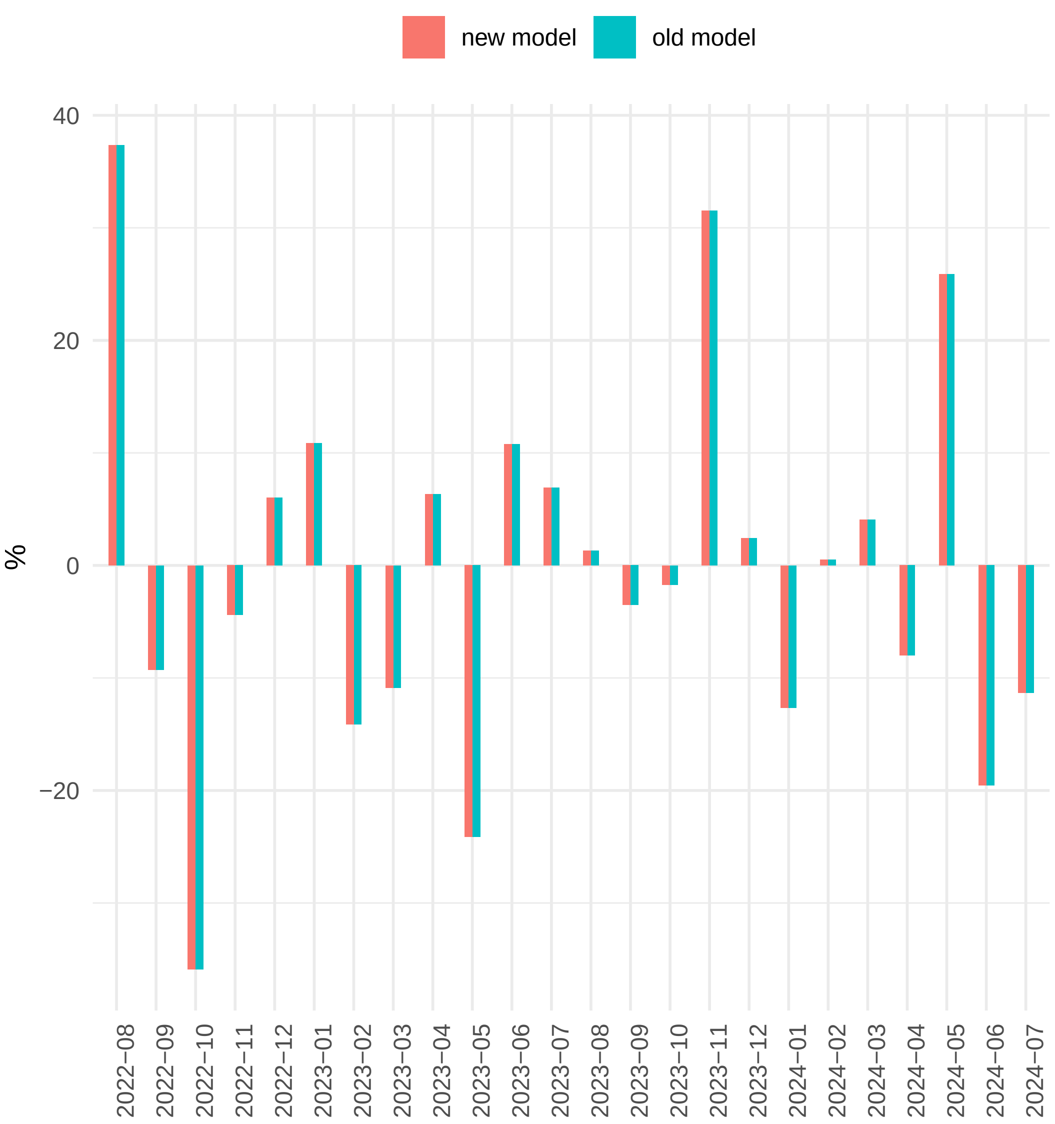
DIVID06


raw and wda
250
200
150
100
50
2005
2010
2015
2020
2025
raw and sa
250
200
150
100
50
2005
2010
2015
2020
2025
seasonality
160
140
120
100
80
60
2005
2010
2015
2020
2025
outliers
1.2
1.0
0.8
0.6
0.4
2005
2010
2015
2020
2025

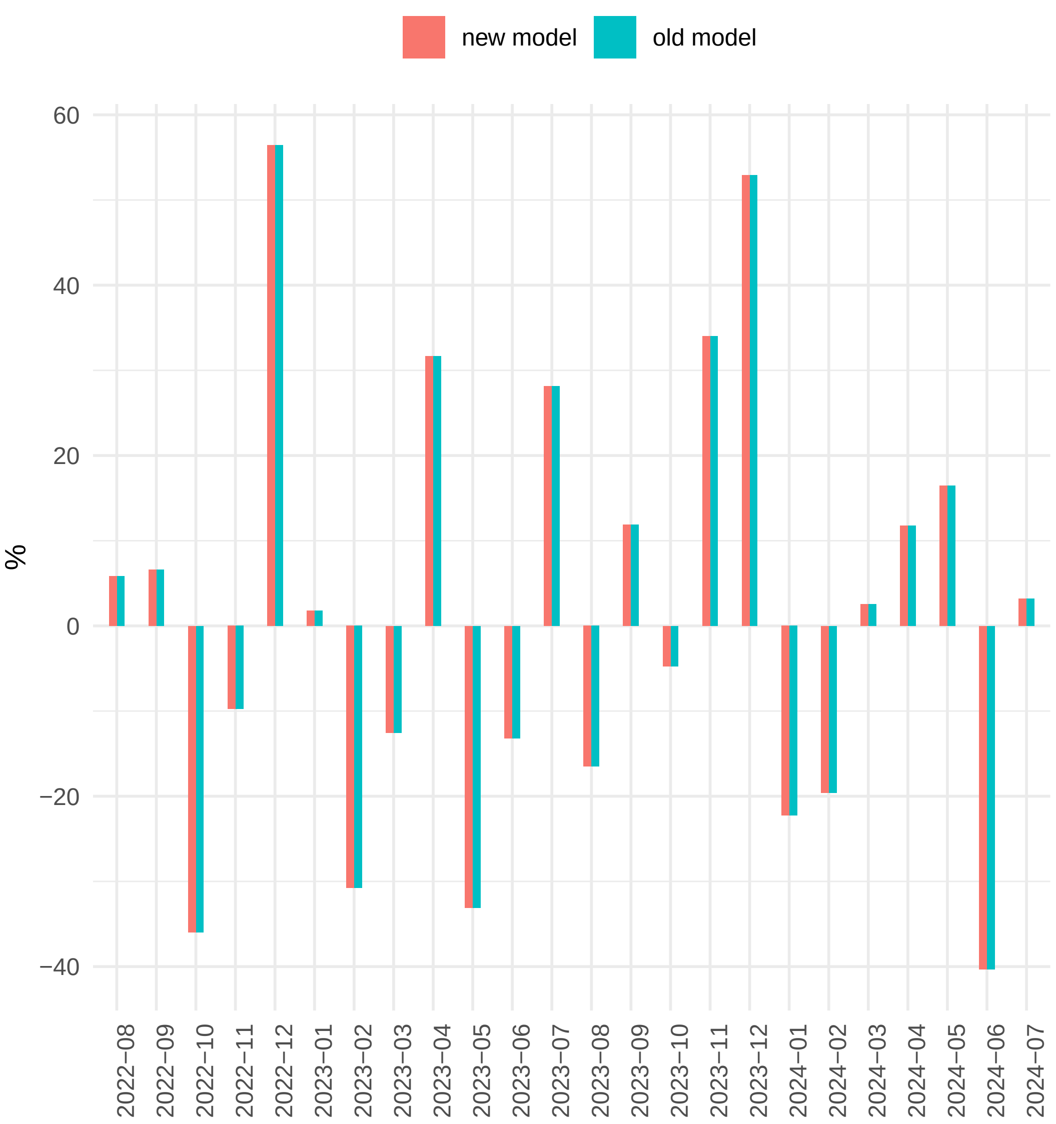
DIVID06


SI ratio
2.5
2.0
1.5
1.0
0.5
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
2000
1000
500
200
100
50
20
10
5
0
1
2
3
4
5
6

DIVID06

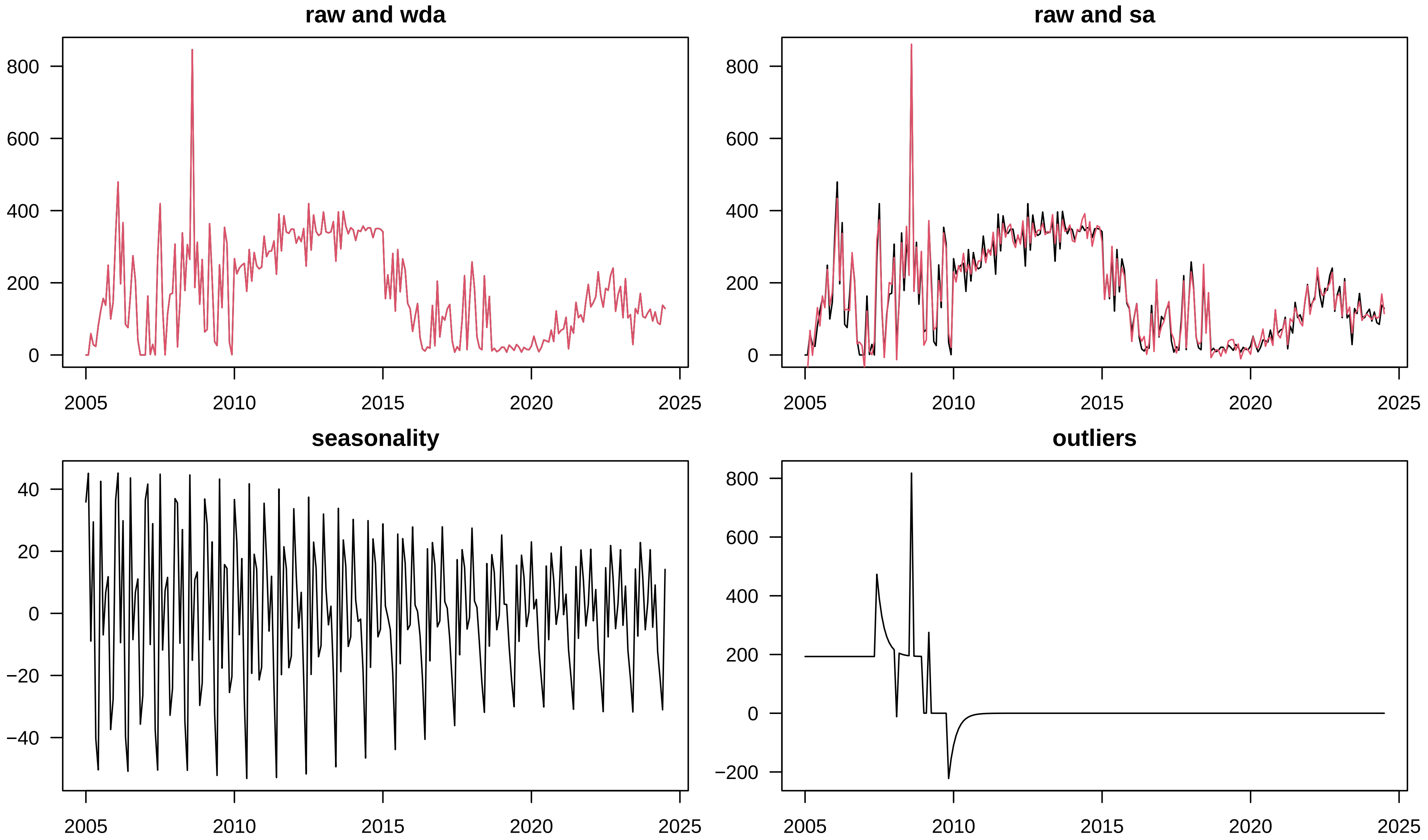


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

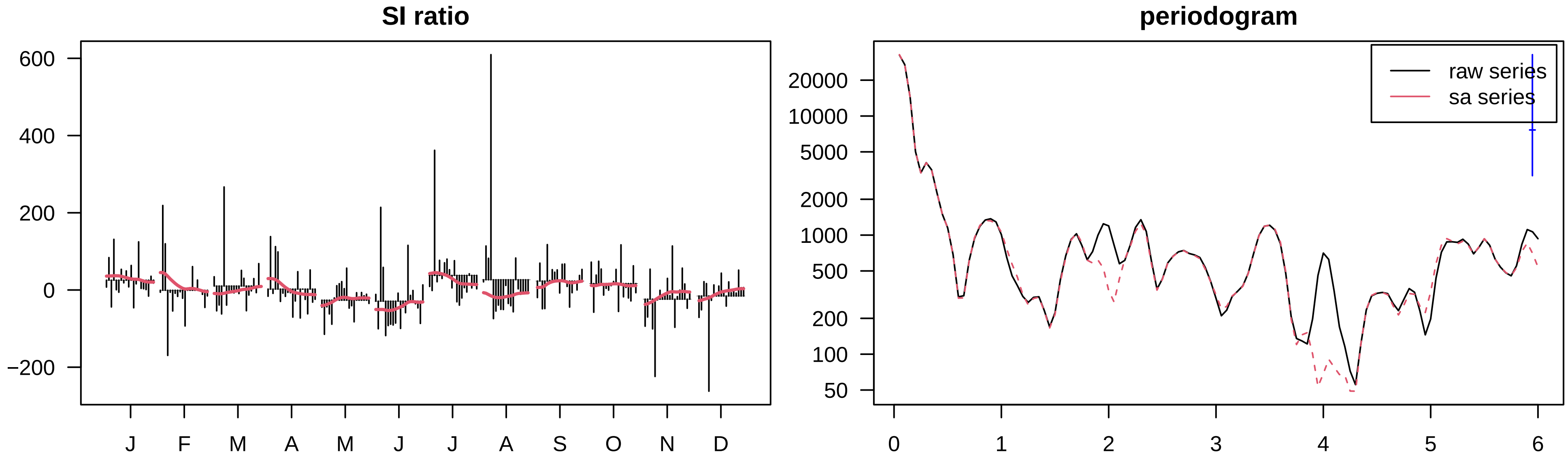


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

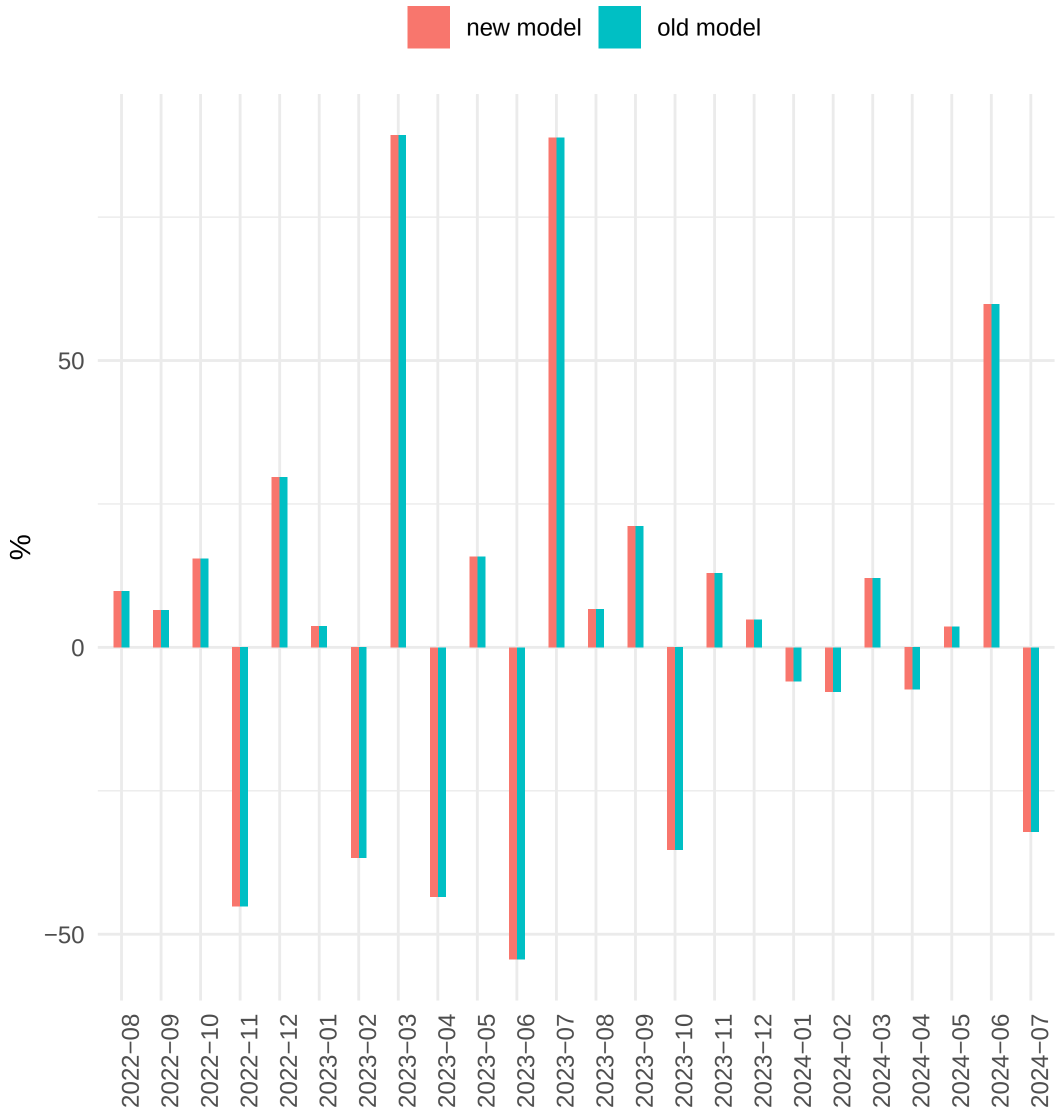
DIVIE06


raw and wda
800
600
400
200
0
2005
2010
2015
2020
2025
raw and sa
800
600
400
200
0
2005
2010
2015
2020
2025
seasonality
40
20
0
−20
−40
2005
2010
2015
2020
2025
outliers
800
600
400
200
0
−200
2005
2010
2015
2020
2025

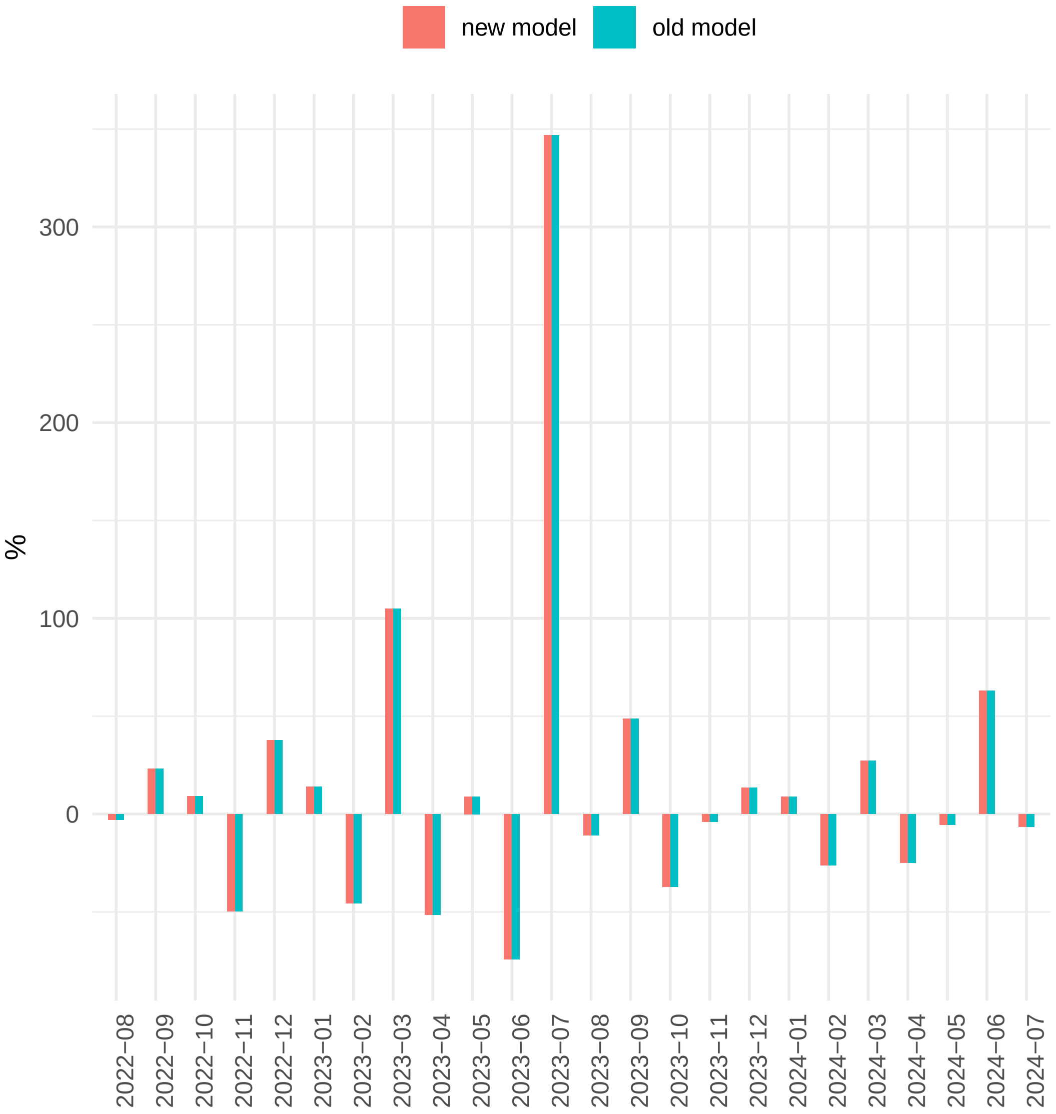
DIVIE06


SI ratio
600
400
200
0
−200
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
20000
10000
5000
2000
1000
500
200
100
50
0
1
2
3
4
5
6

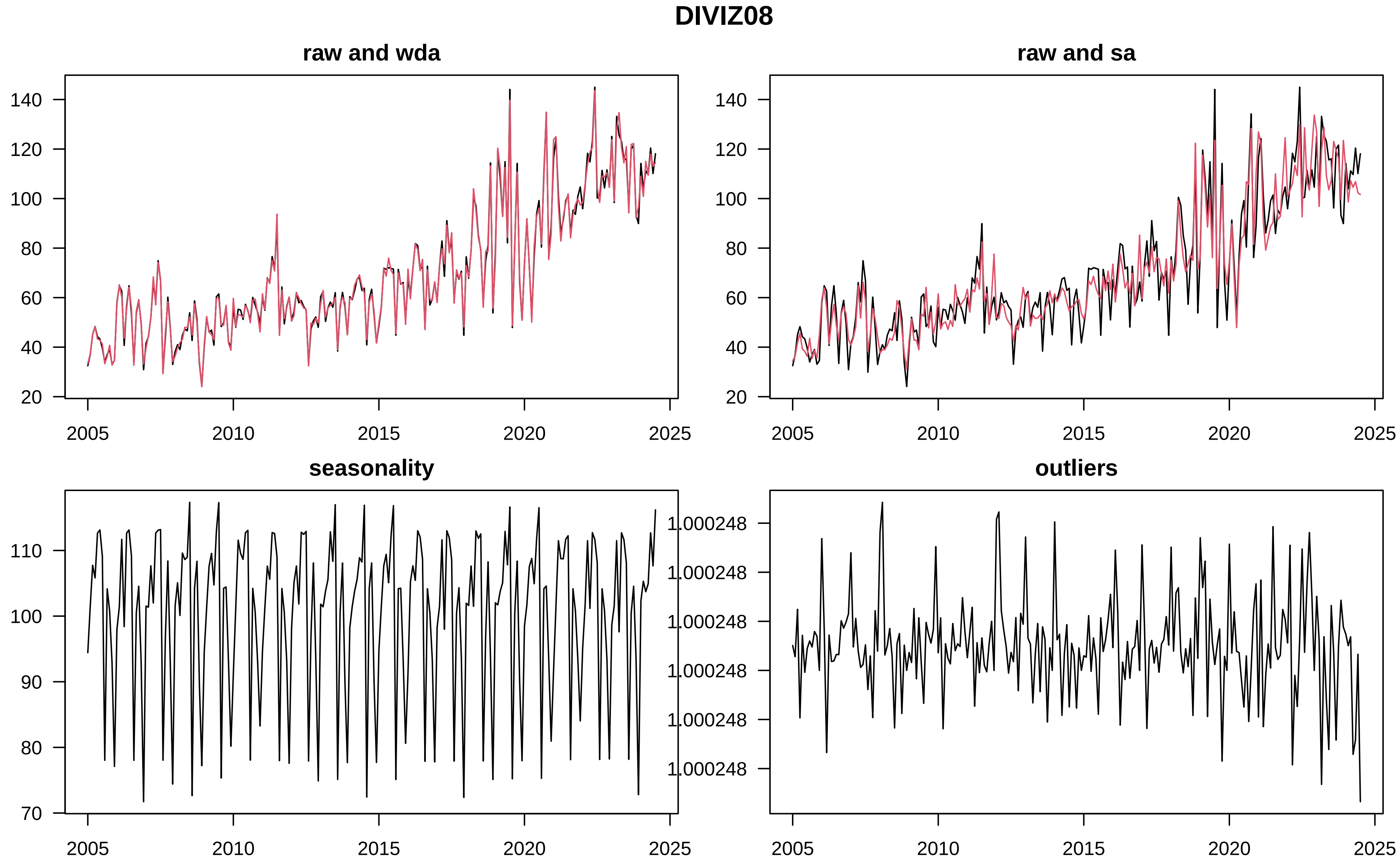
DIVIE06



Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni



Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni



DIVIZ08

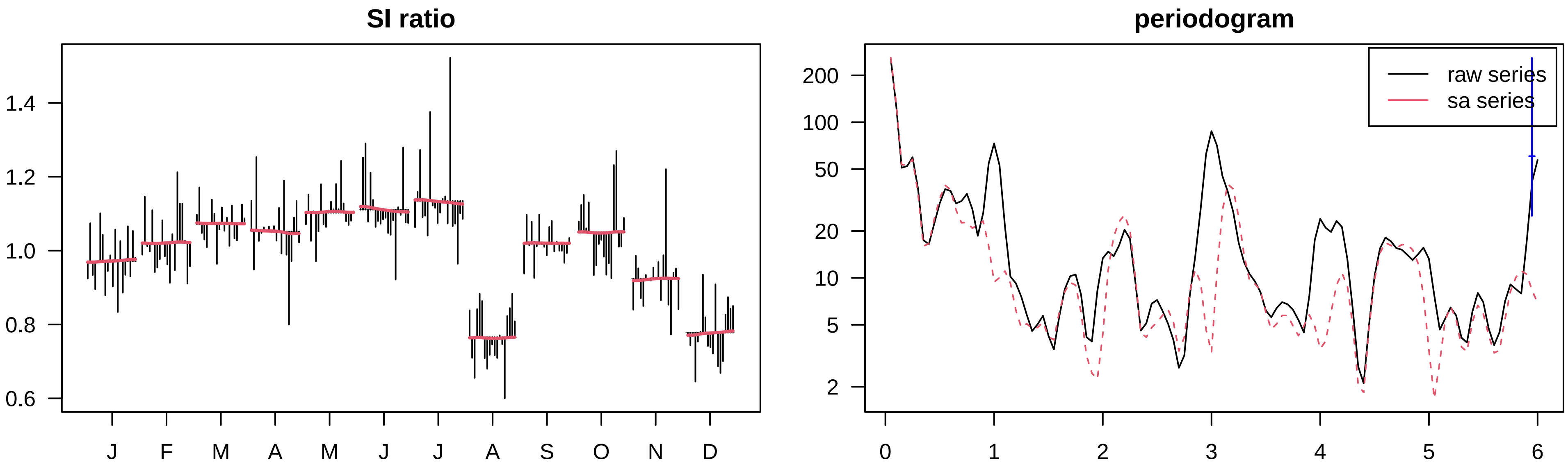
raw and wda

raw and sa

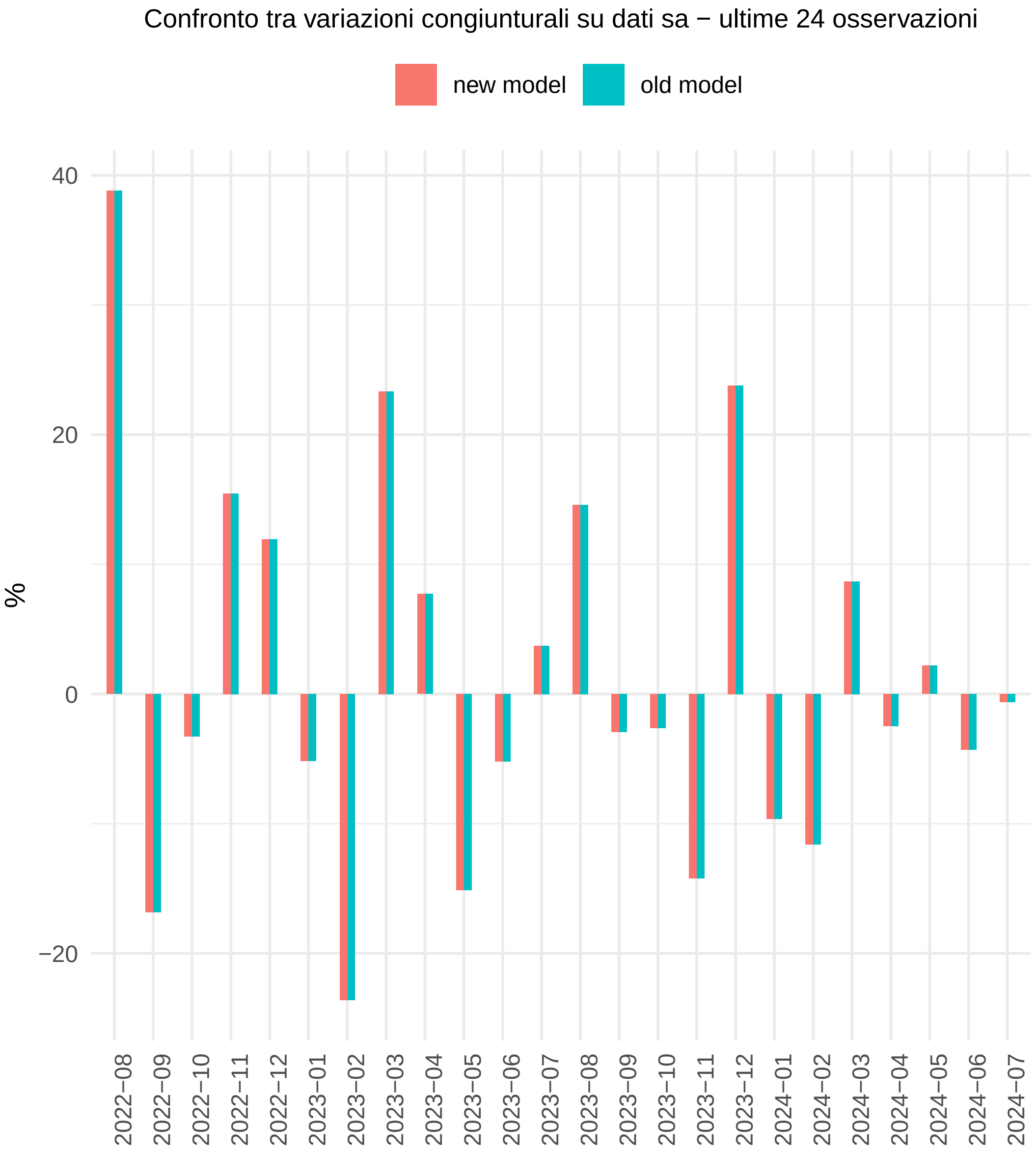
seasonality

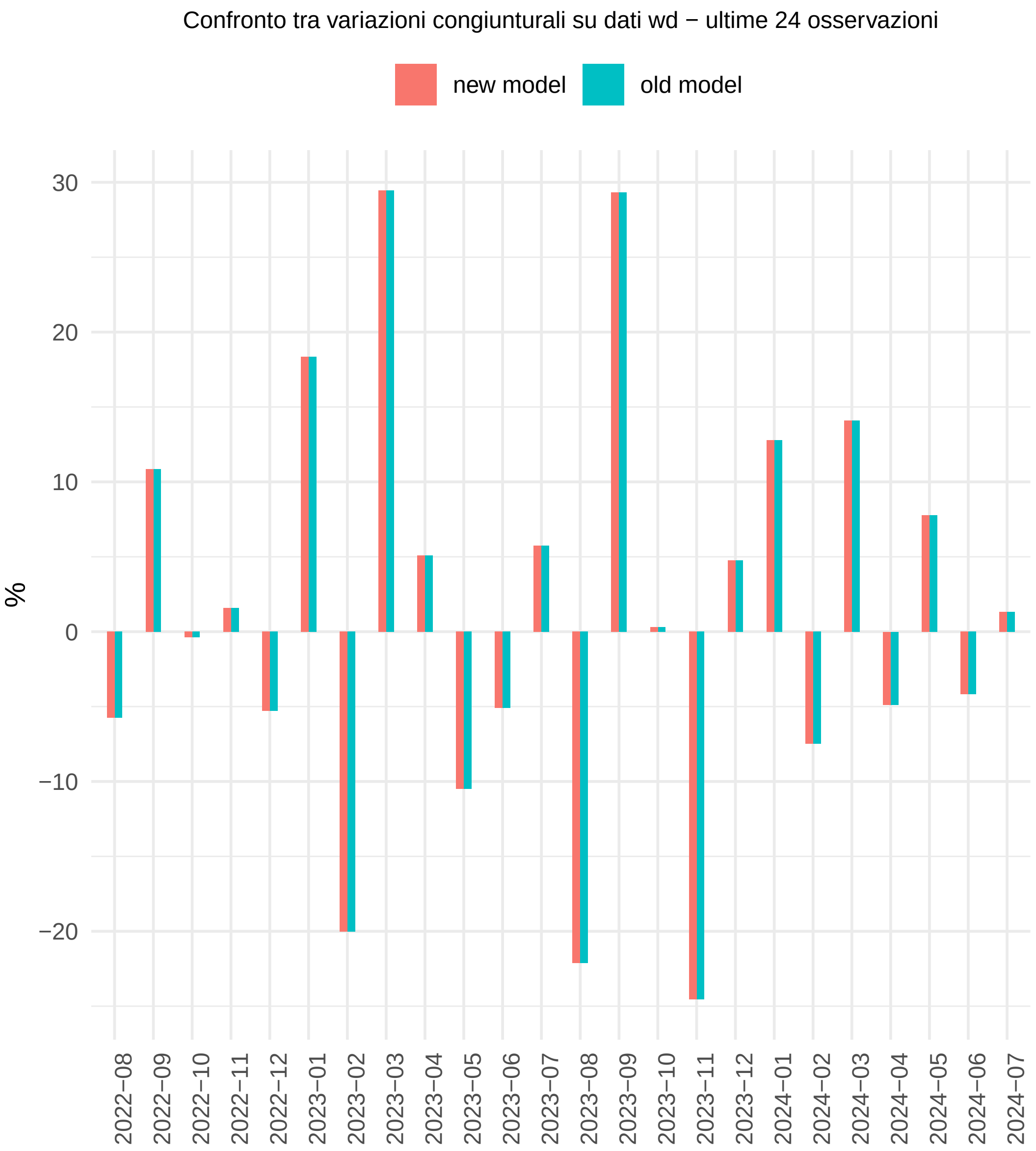
outliers

DIVIZ08

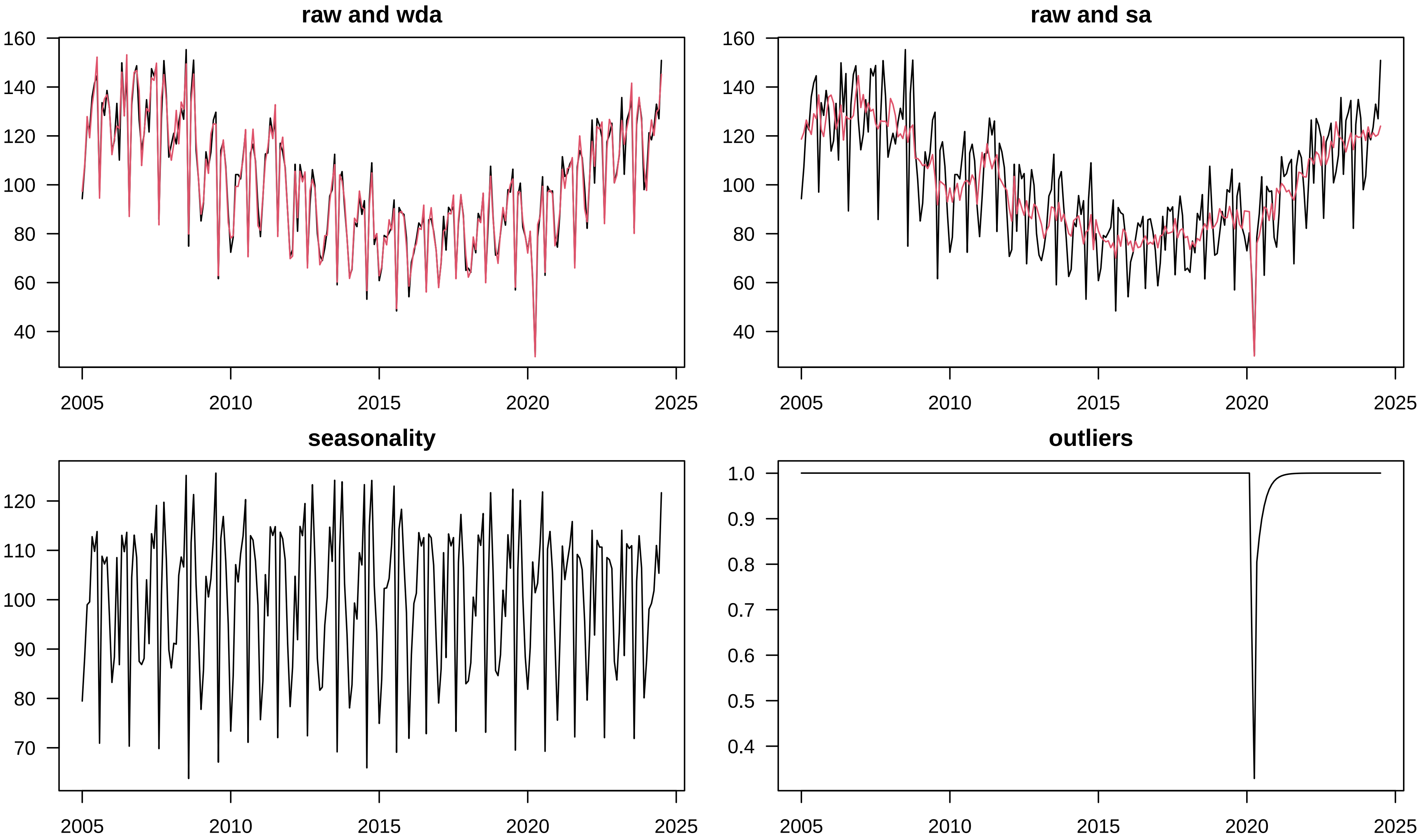

SI ratio
1.4
1.2
1.0
0.8
0.6
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
200
100
50
20
10
5
2
0
1
2
3
4
5
6

DIVIZ08

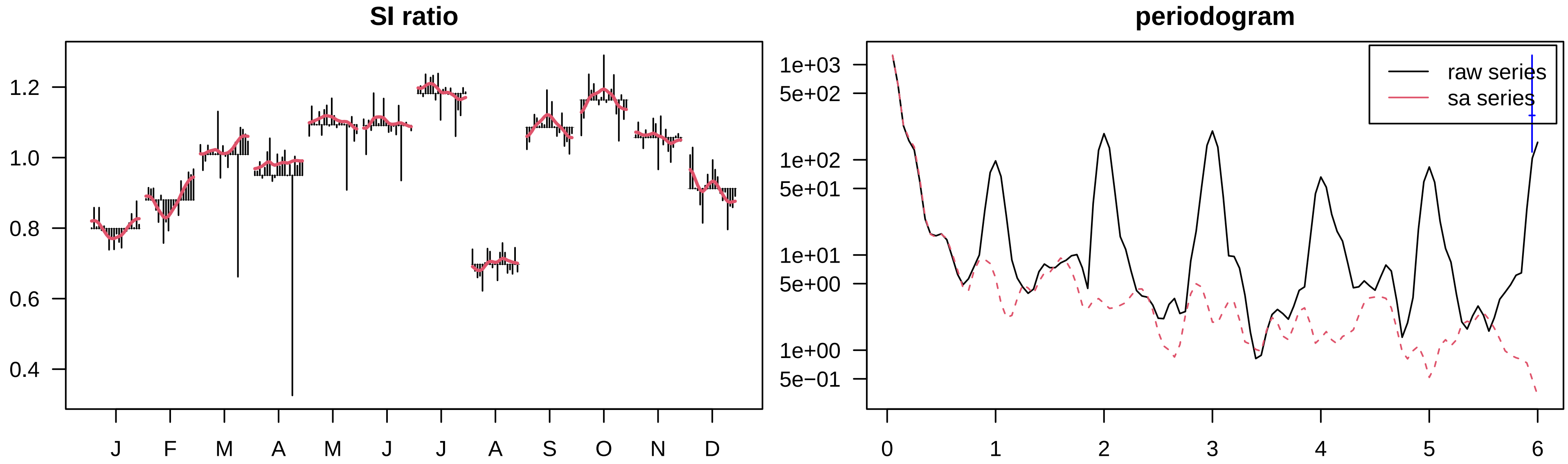

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

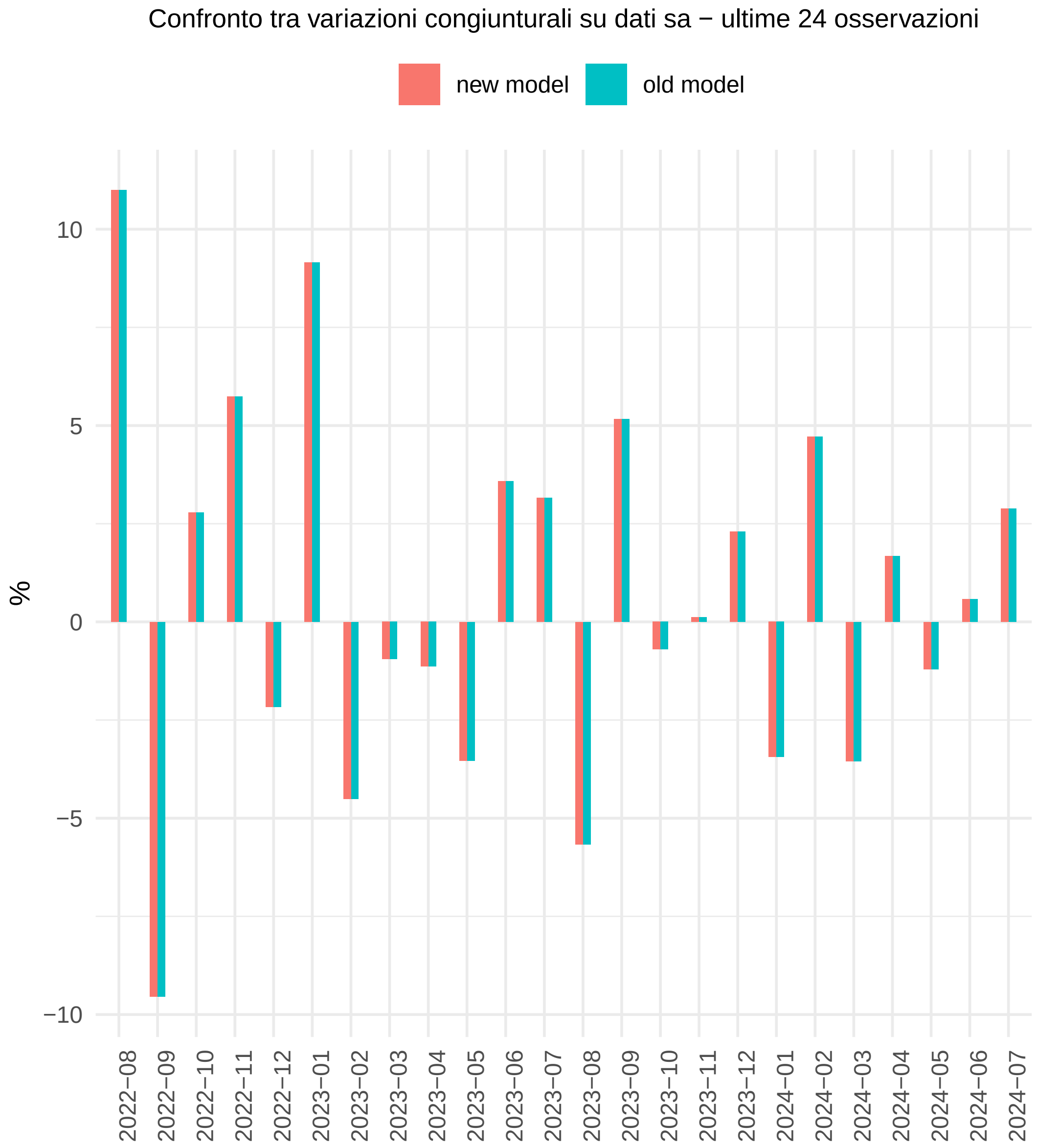
DIVID08


raw and wda
raw and sa
seasonality
outliers
160
140
120
100
80
60
40
2005
2010
2015
2020
2025
120
110
100
90
80
70
1.0
0.9
0.8
0.7
0.6
0.5
0.4

DIVID08


SI ratio
1.2
1.0
0.8
0.6
0.4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+03
5e+02
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
0
1
2
3
4
5
6
raw series
sa series

DIVID08


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
10
5
0
−5
−10
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
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2023−09
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2024−02
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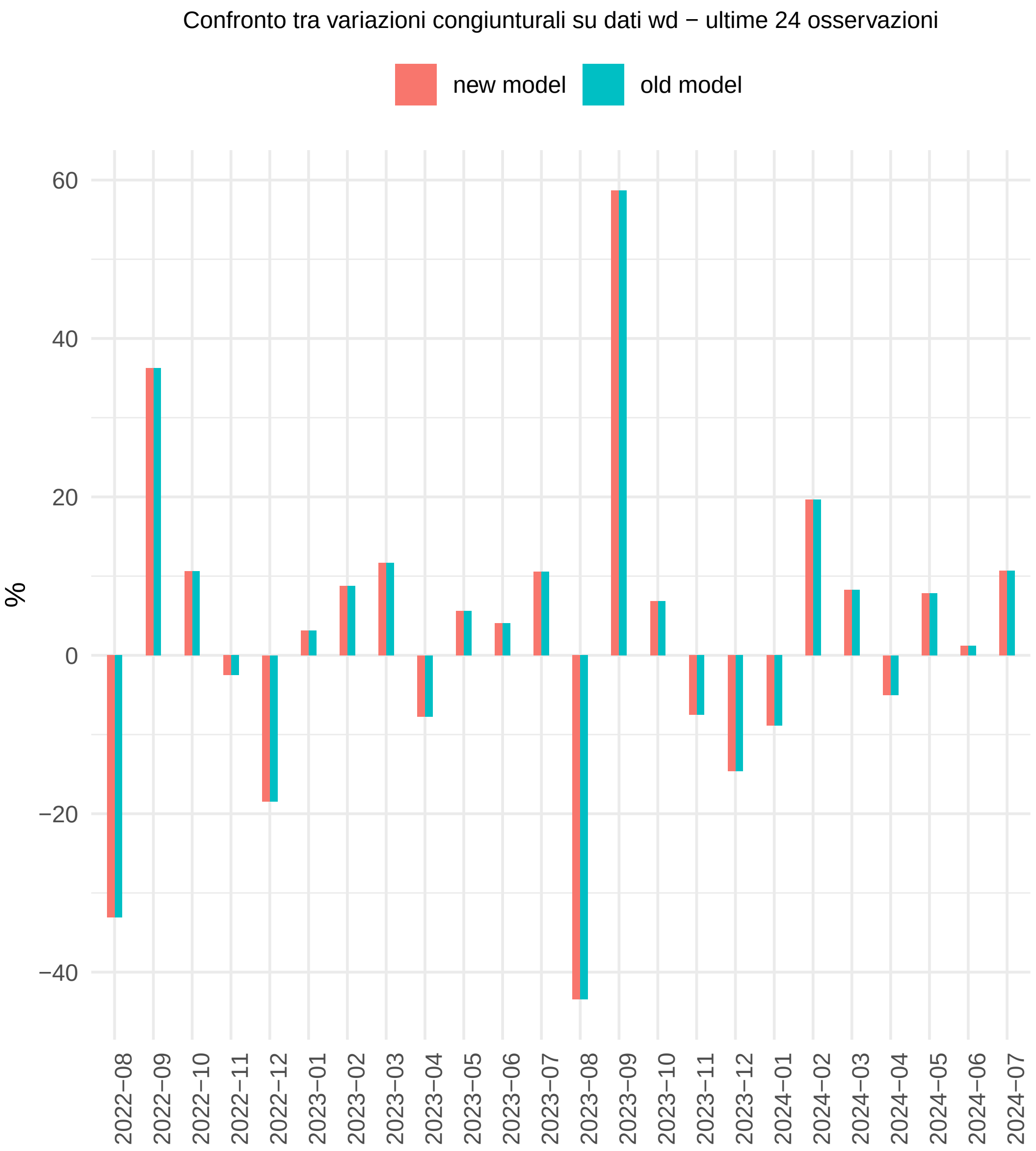
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
60
40
20
0
−20
−40
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
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2023−07
2023−08
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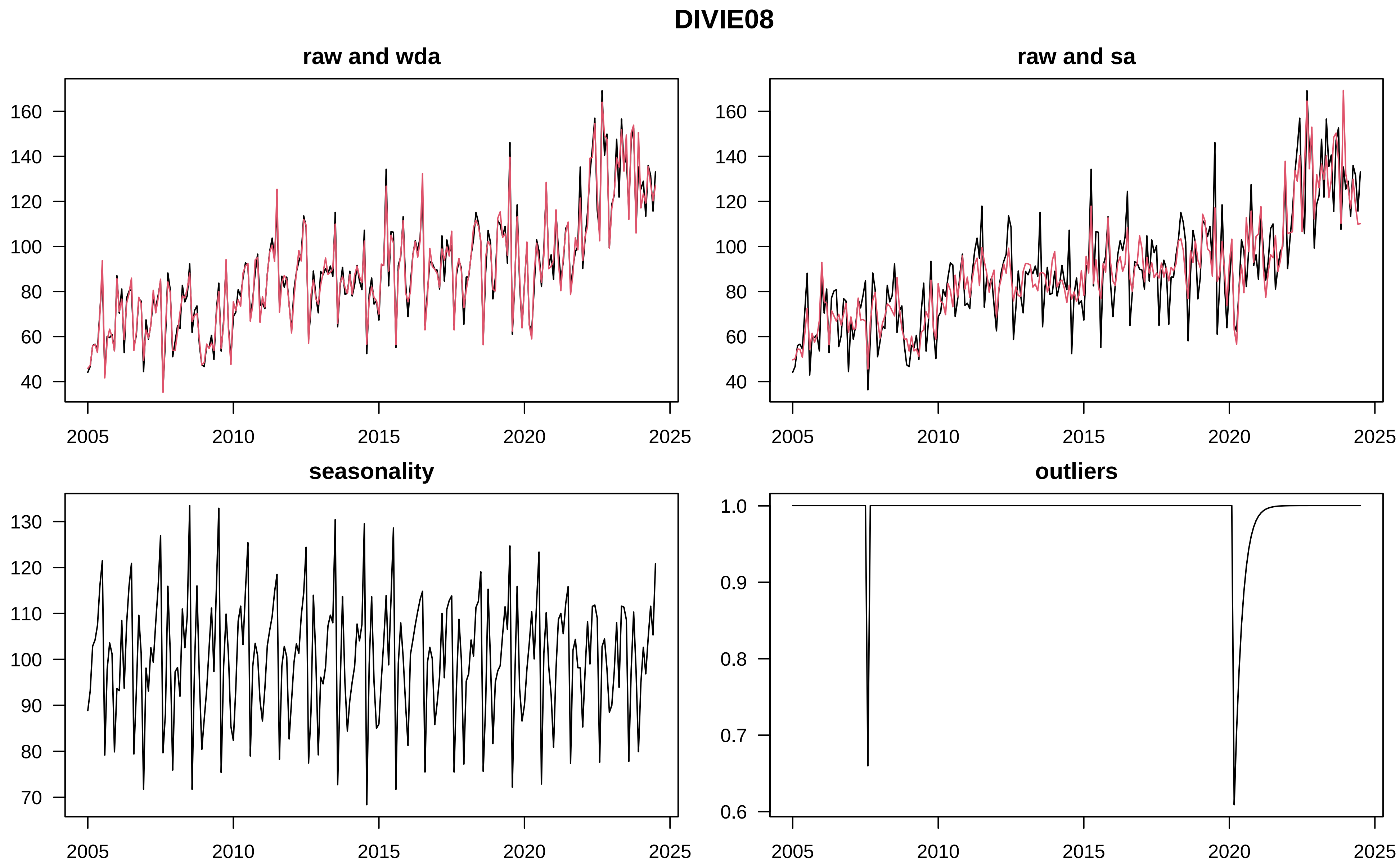
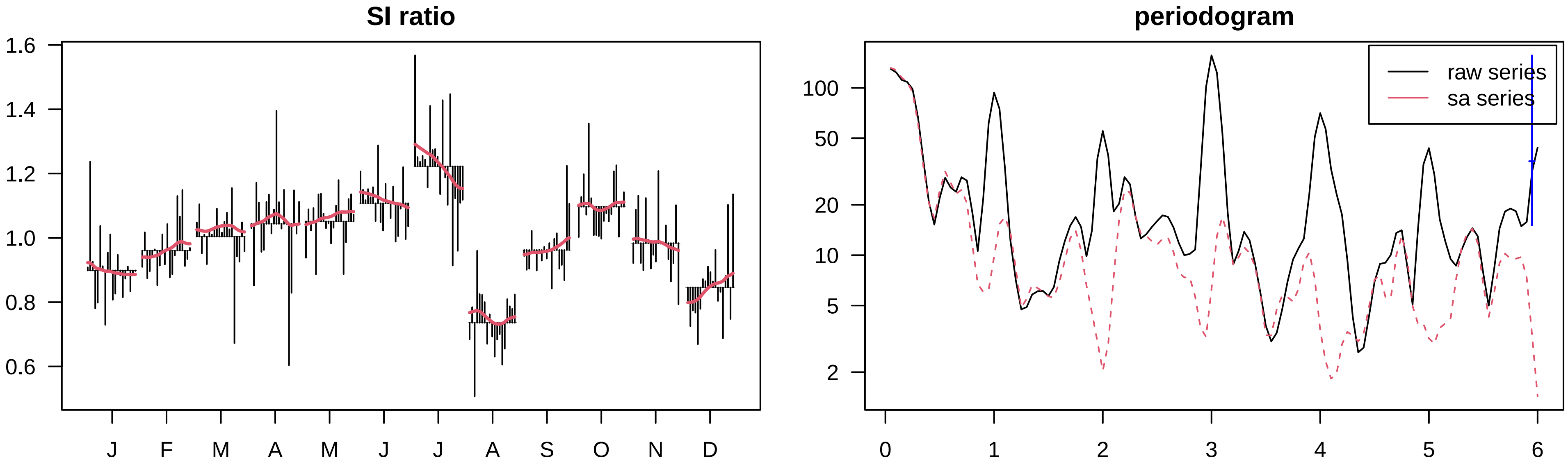
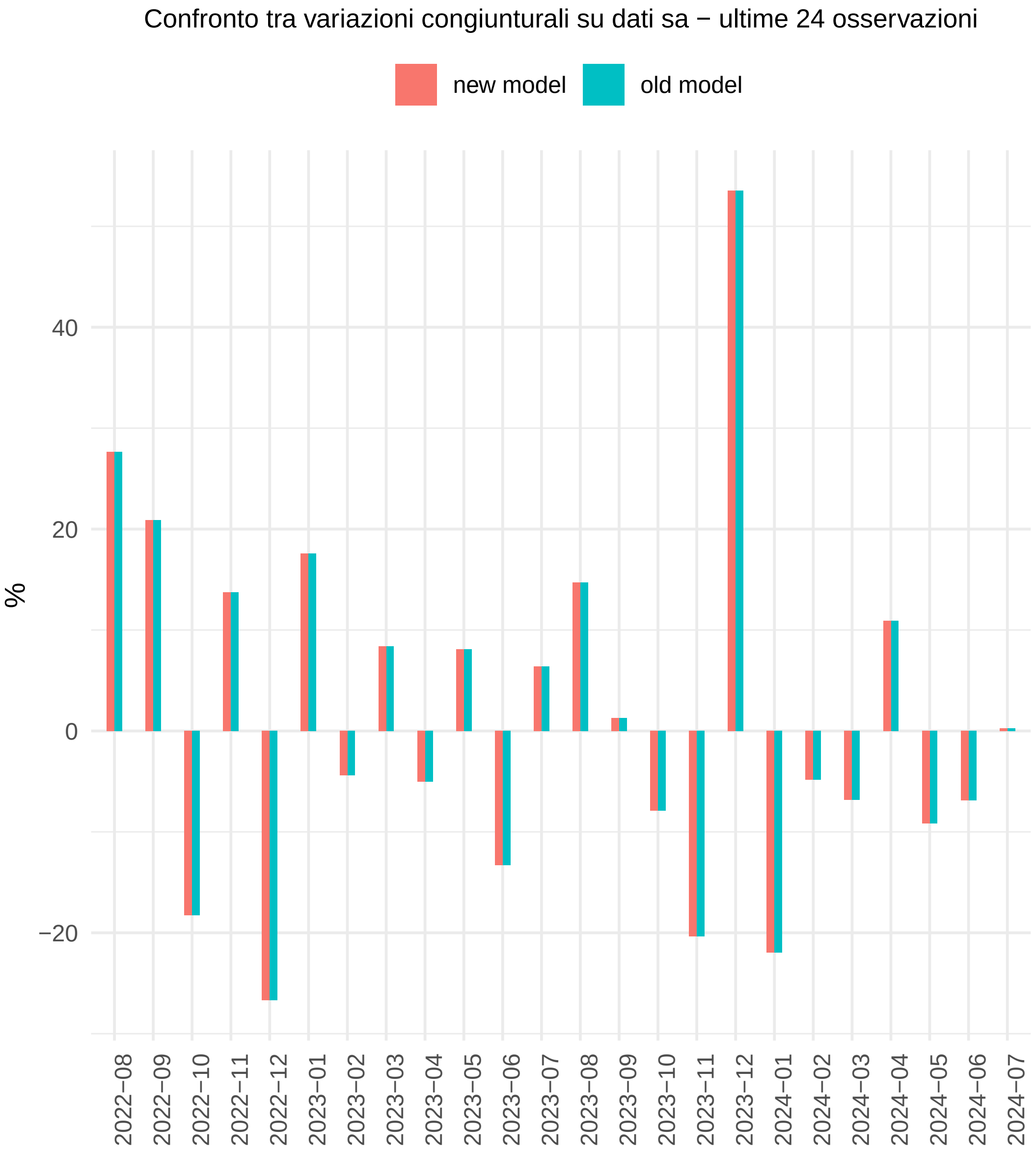
2024−06
2024−07

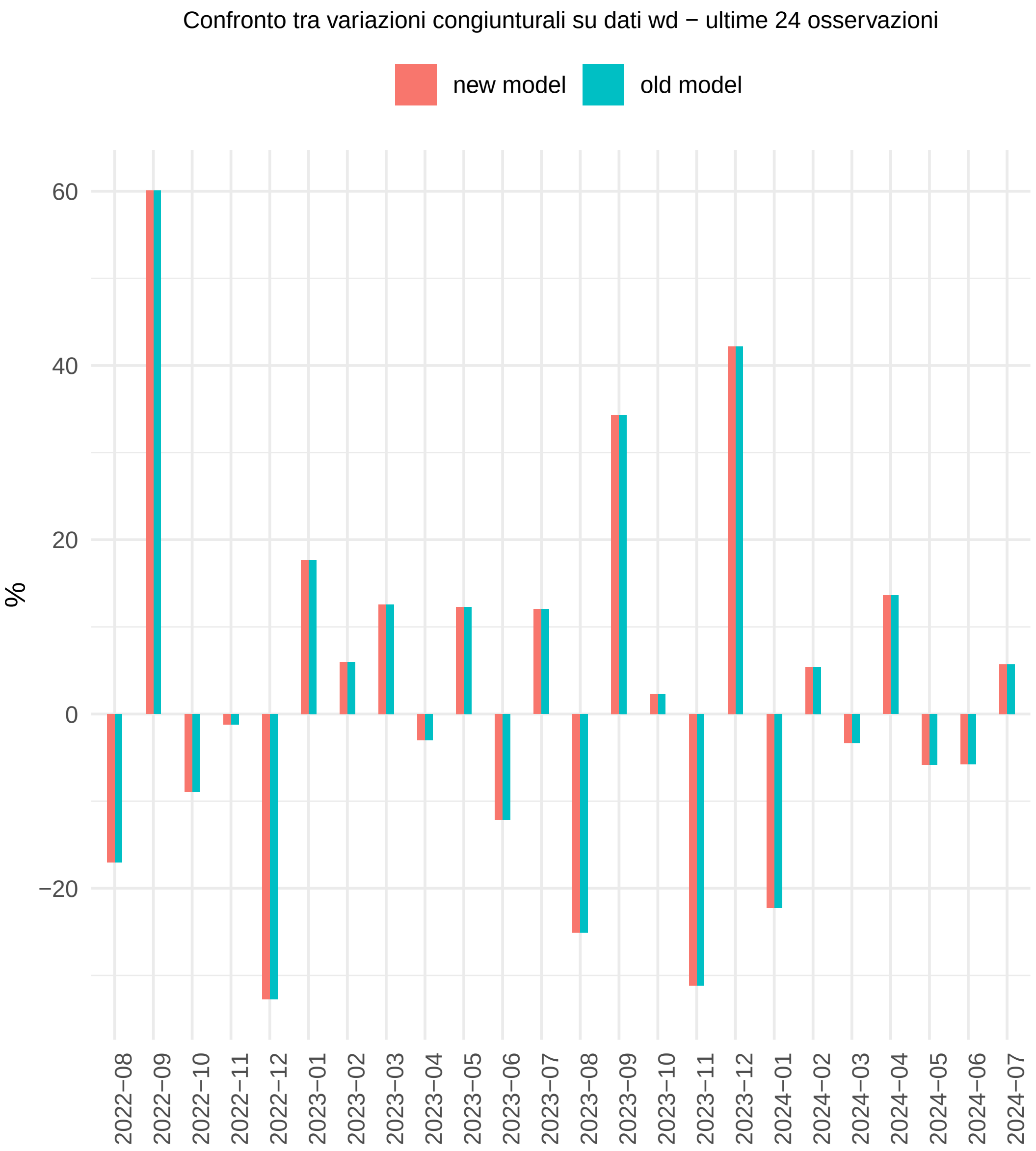

DIVIE08
raw and wda
160
140
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
160
140
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
130
120
110
100
90
80
70
2005
2010
2015
2020
2025
outliers
1.0
0.9
0.8
0.7
0.6
2005
2010
2015
2020
2025

DIVIE08

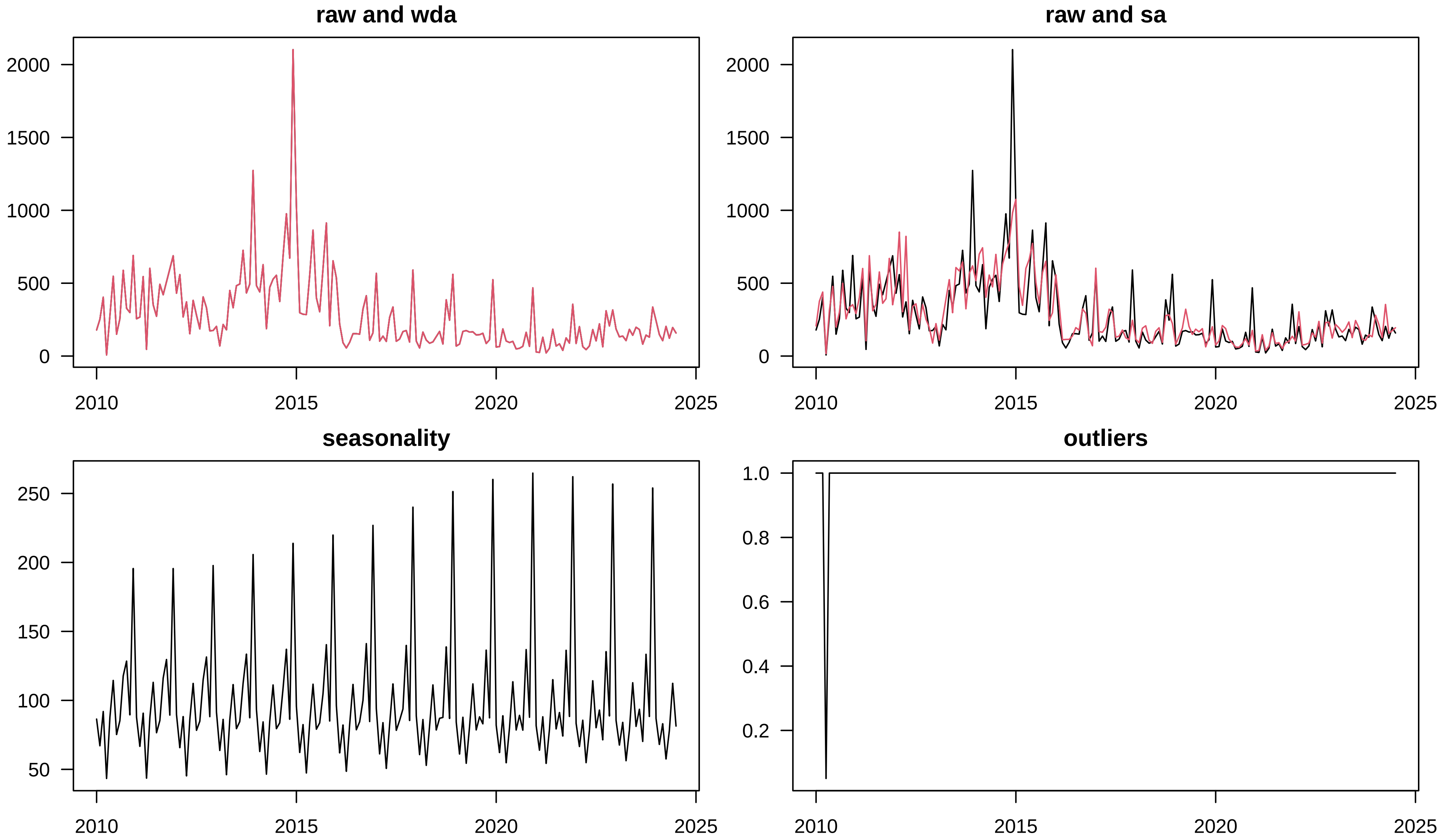

SI ratio
1.6
1.4
1.2
1.0
0.8
0.6
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
100
50
20
10
5
2
0
1
2
3
4
5
6

DIVIE08

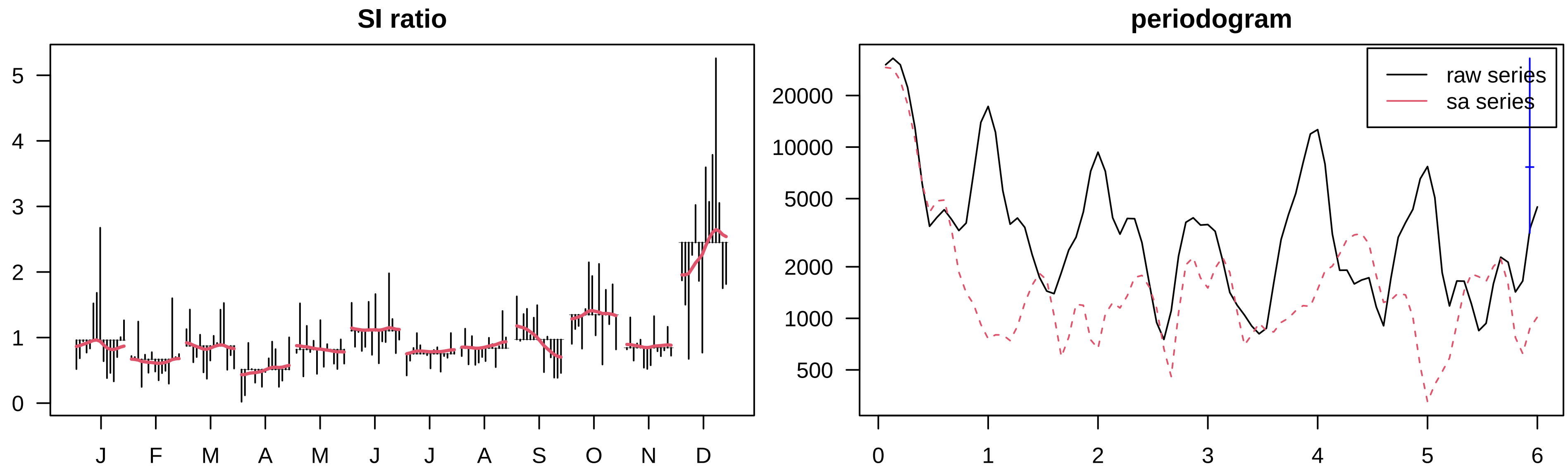

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

DIVIZ09


raw and wda
2000
1500
1000
500
0
2010
2015
2020
2025
raw and sa
2000
1500
1000
500
0
2010
2015
2020
2025
seasonality
250
200
150
100
50
2010
2015
2020
2025
outliers
1.0
0.8
0.6
0.4
0.2
2010
2015
2020
2025

DIVIZ09


SI ratio
5
4
3
2
1
0
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
20000
10000
5000
2000
1000
500
0
1
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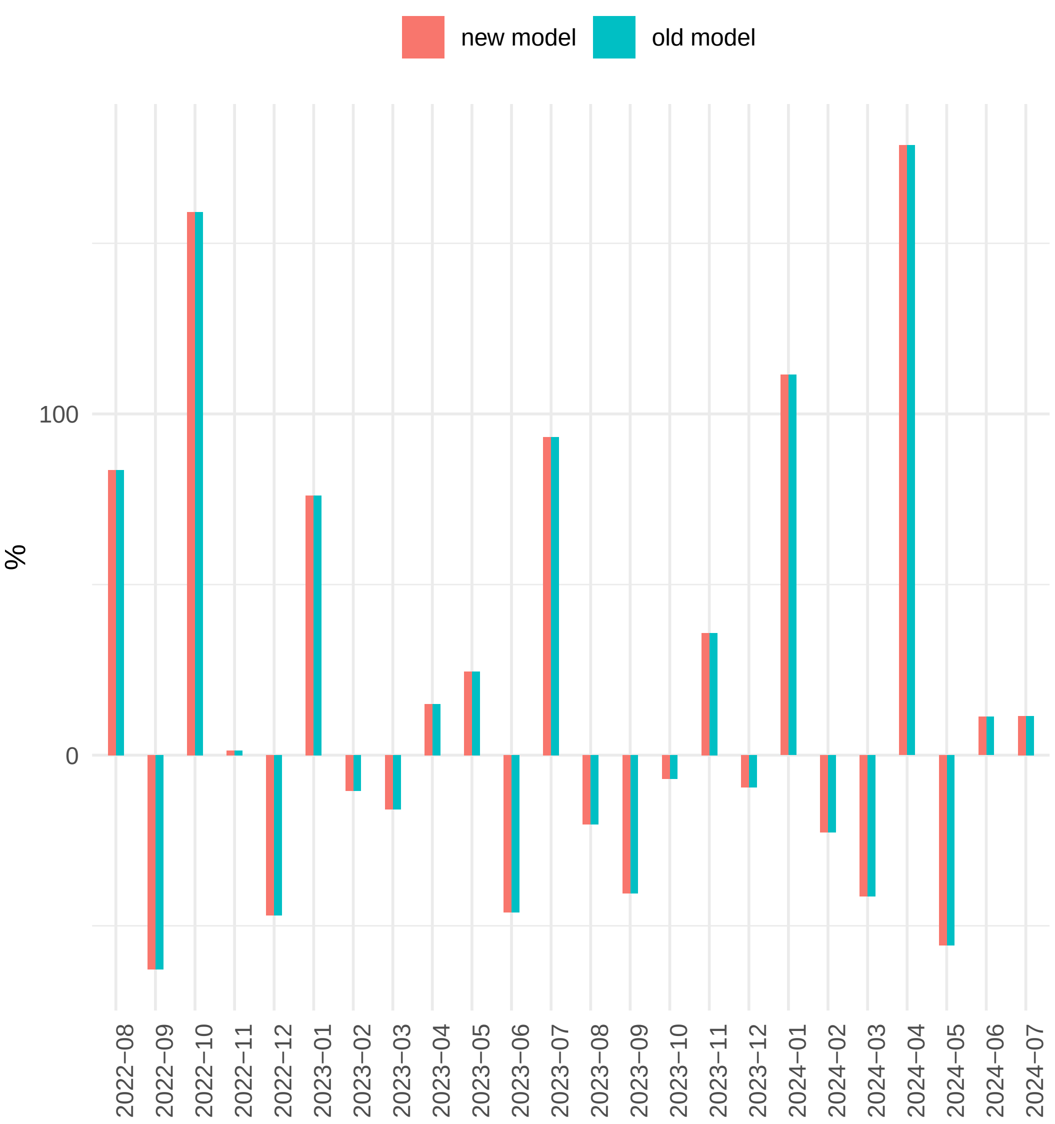
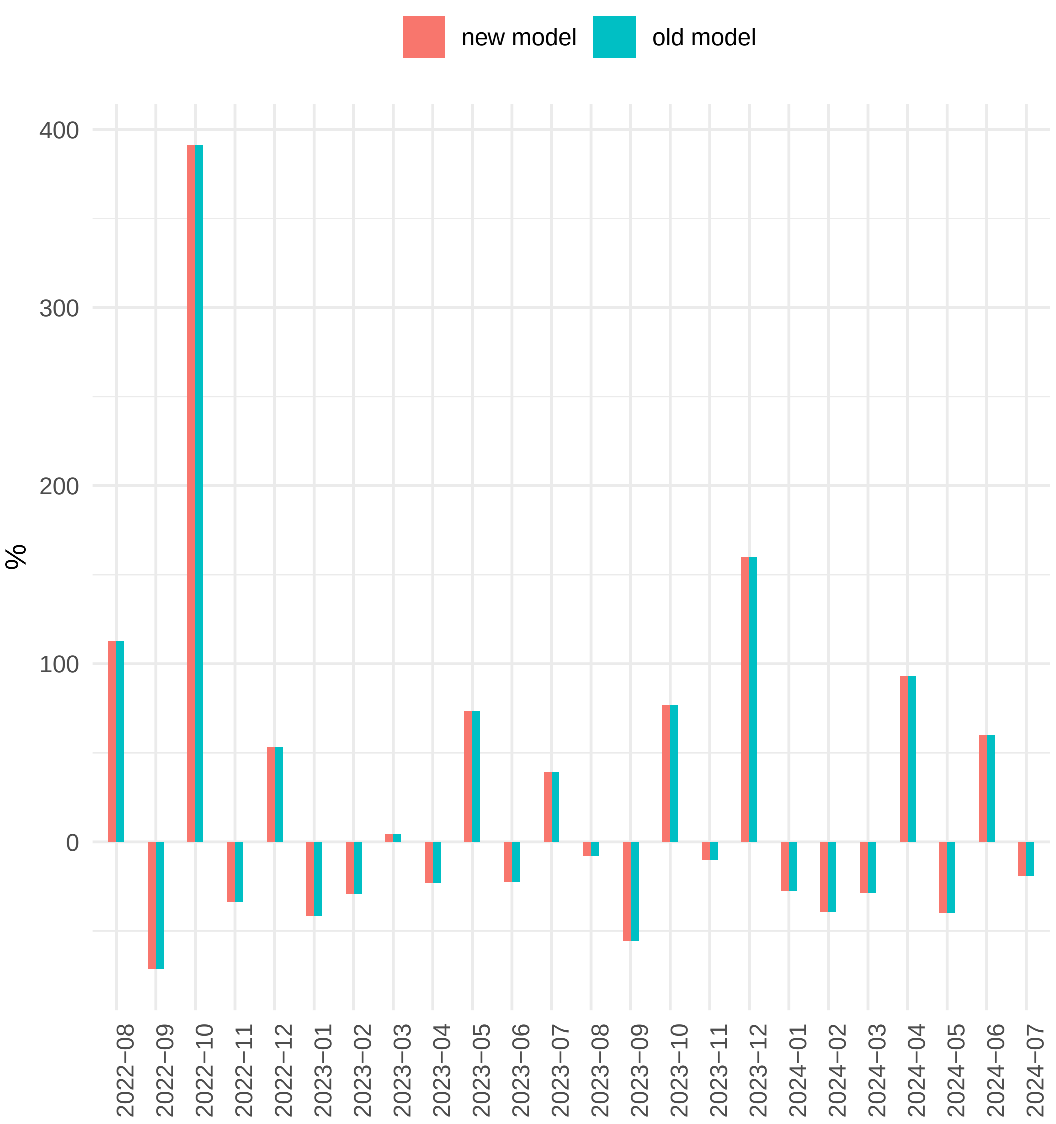
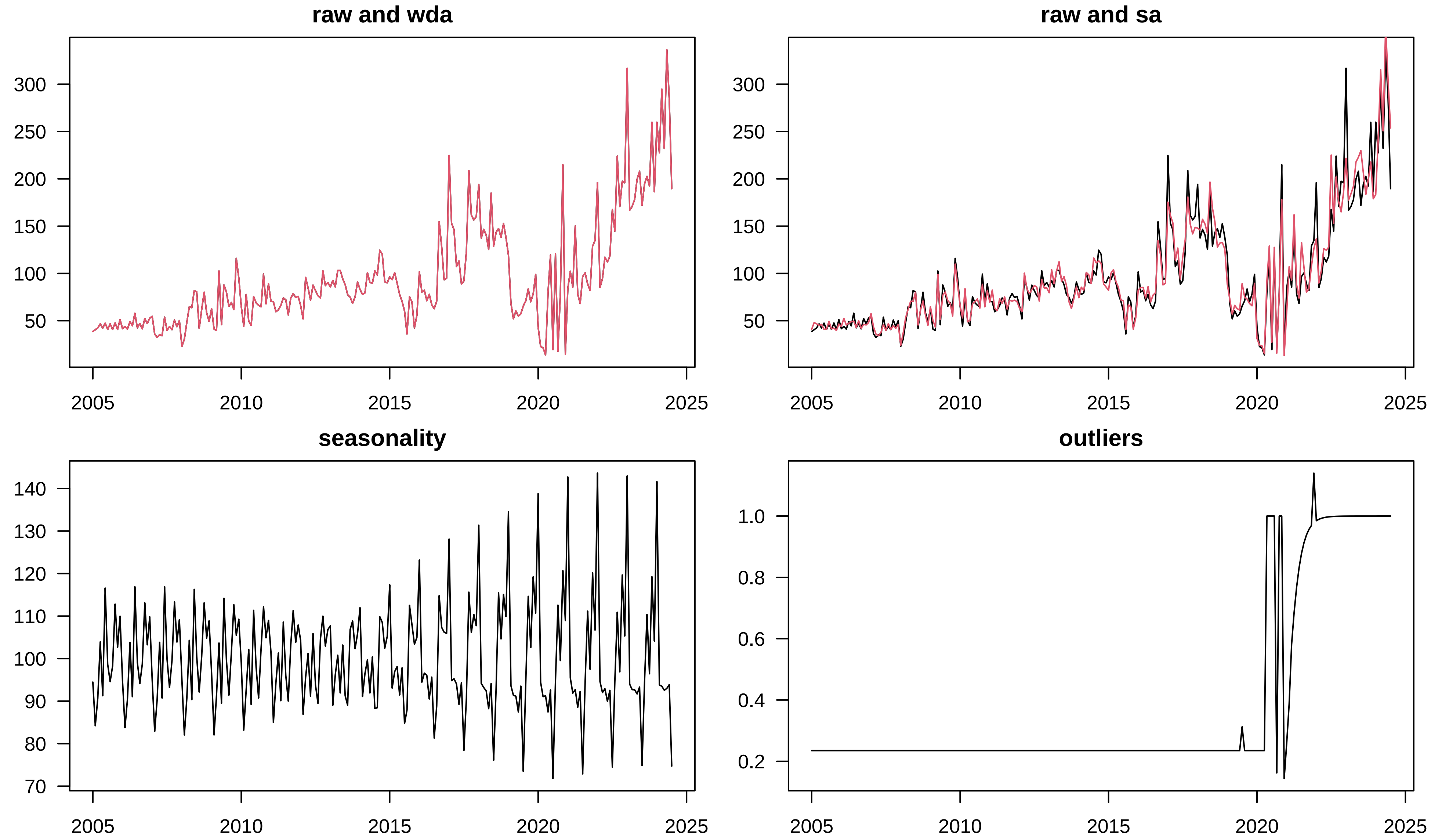
4
5
6

DIVIZ09

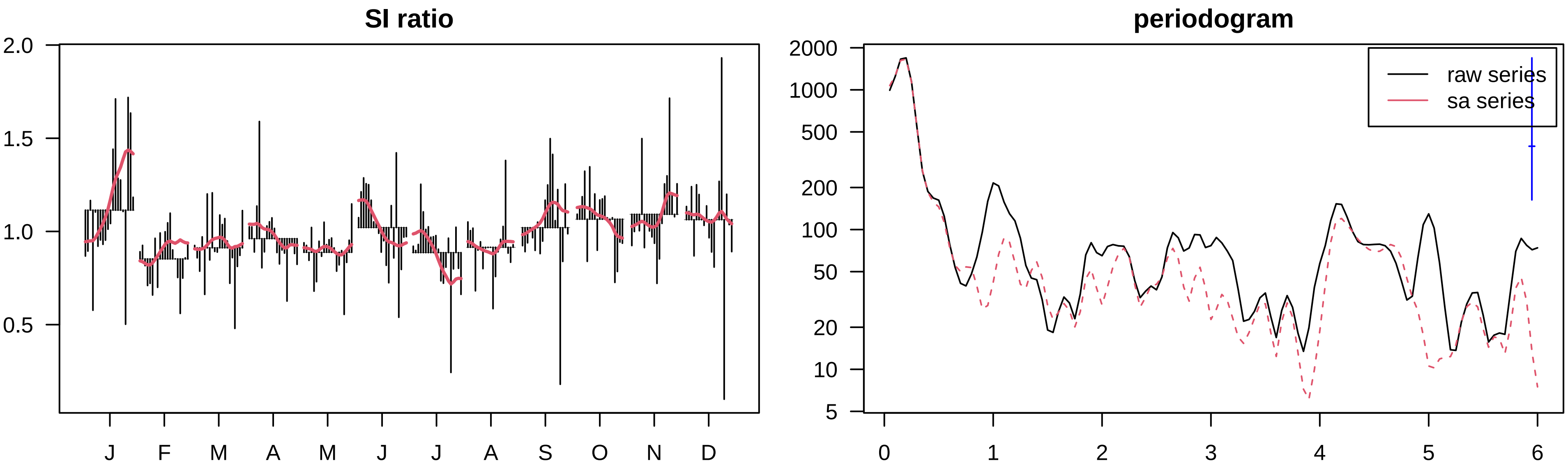

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

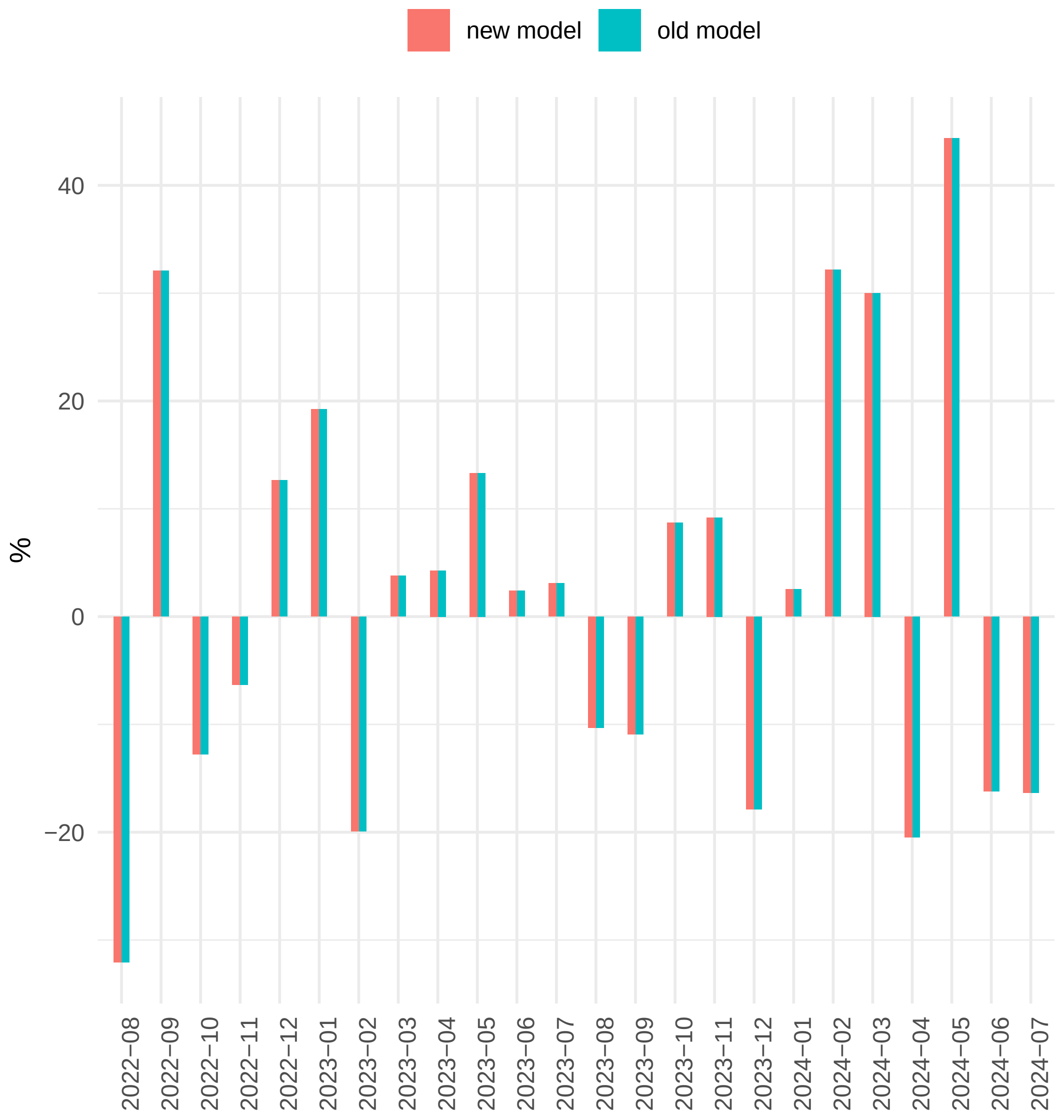
DIVID09

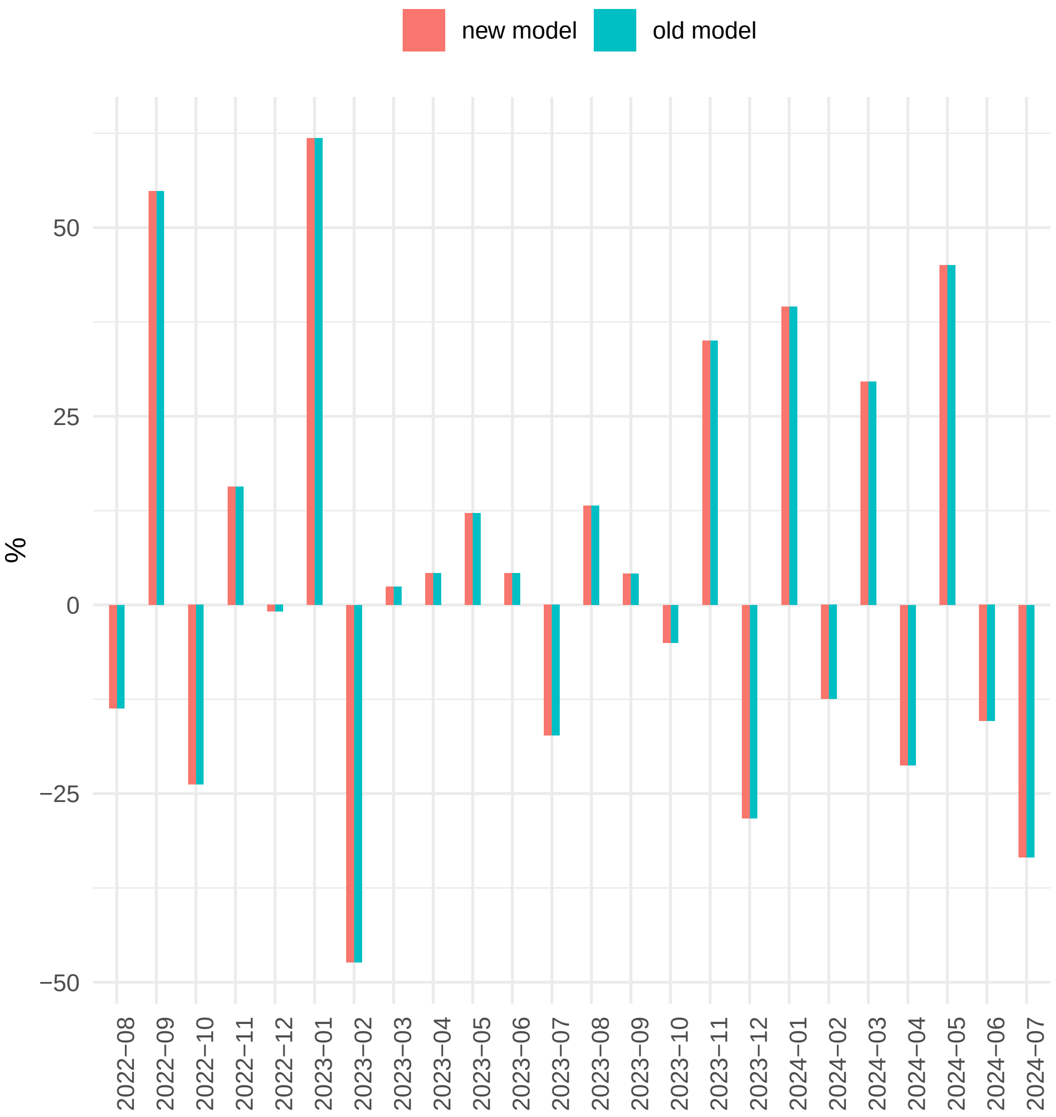

raw and wda
300
250
200
150
100
50
2005
2010
2015
2020
2025
raw and sa
300
250
200
150
100
50
2005
2010
2015
2020
2025
seasonality
140
130
120
110
100
90
80
70
2005
2010
2015
2020
2025
outliers
1.0
0.8
0.6
0.4
0.2
2005
2010
2015
2020
2025

DIVID09

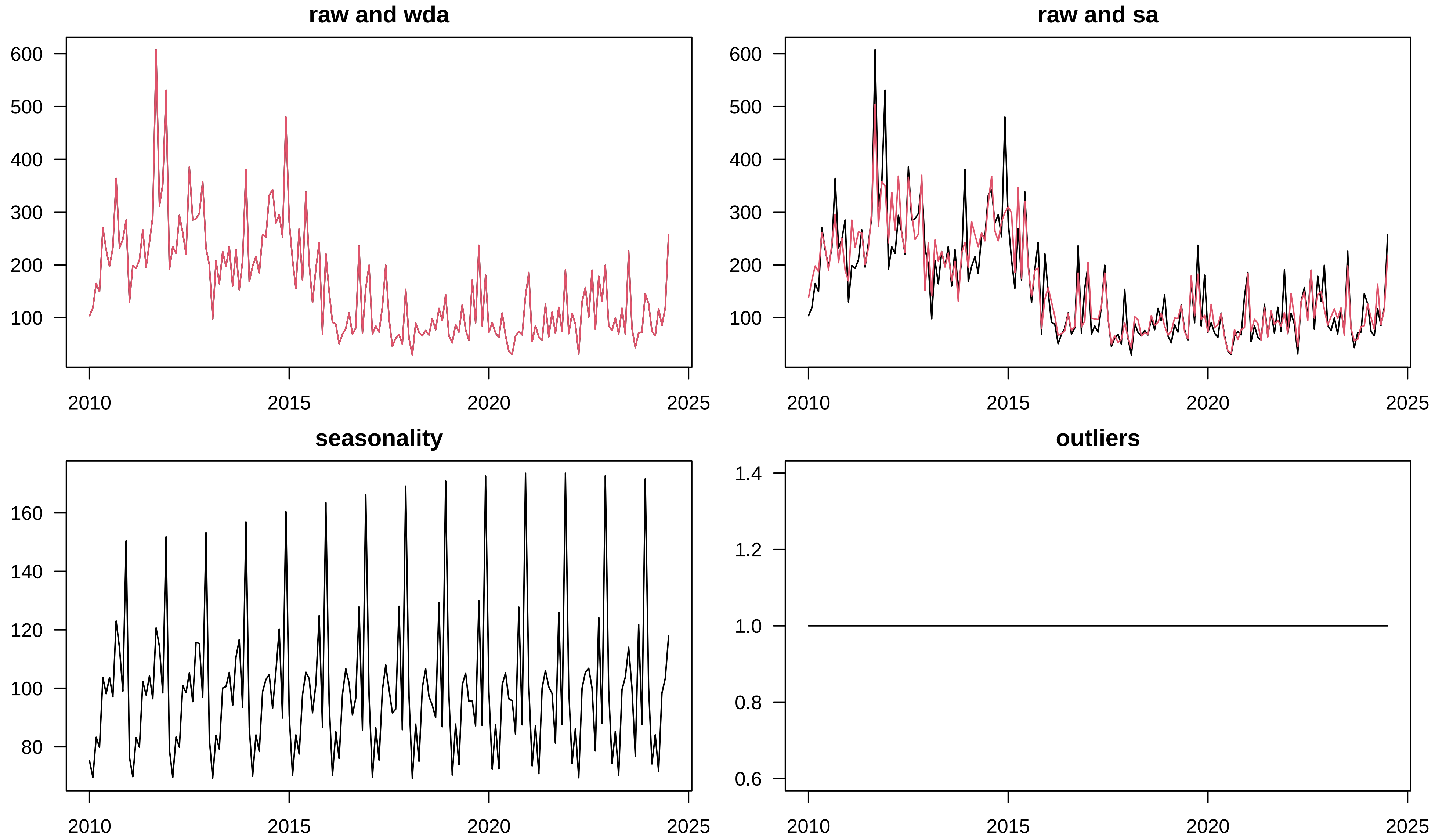

SI ratio
2.0
1.5
1.0
0.5
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
2000
1000
500
200
100
50
20
10
5
0
1
2
3
4
5
6
raw series
sa series

DIVID09

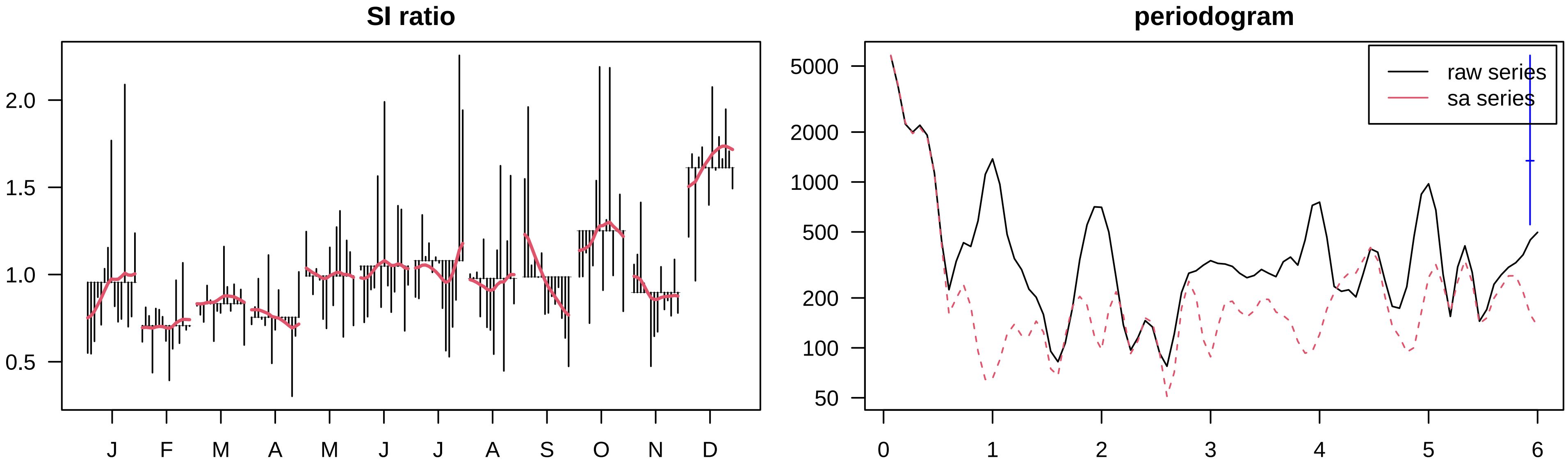

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

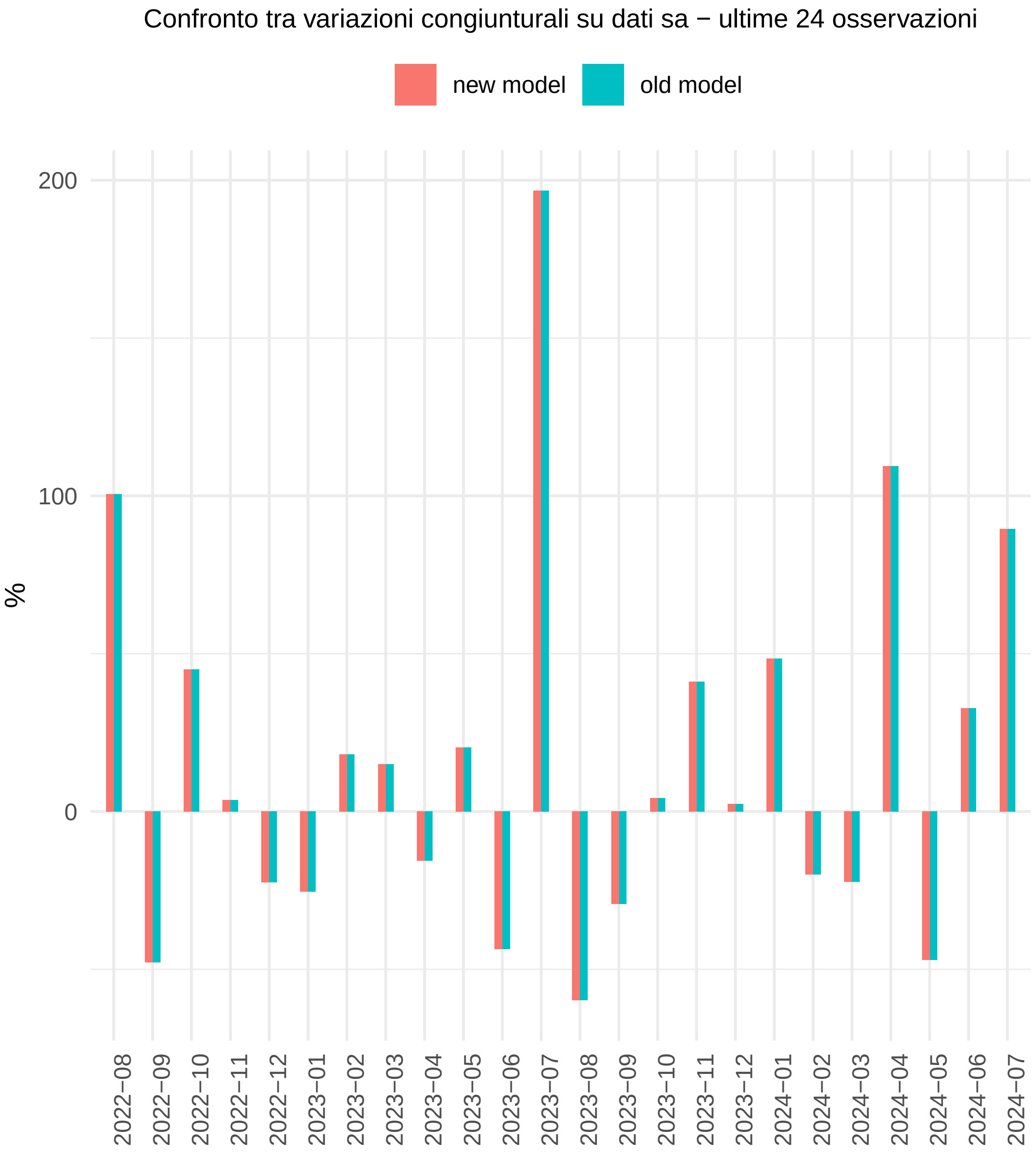
DIVIE09


raw and wda
600
500
400
300
200
100
2010
2015
2020
2025
raw and sa
600
500
400
300
200
100
2010
2015
2020
2025
seasonality
160
140
120
100
80
2010
2015
2020
2025
outliers
1.4
1.2
1.0
0.8
0.6
2010
2015
2020
2025

DIVIE09


SI ratio
2.0
1.5
1.0
0.5
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
5000
2000
1000
500
200
100
50
0
1
2
3
4
5
6
raw series
sa series

DIVIE09


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
200
100
0
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
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2023−09
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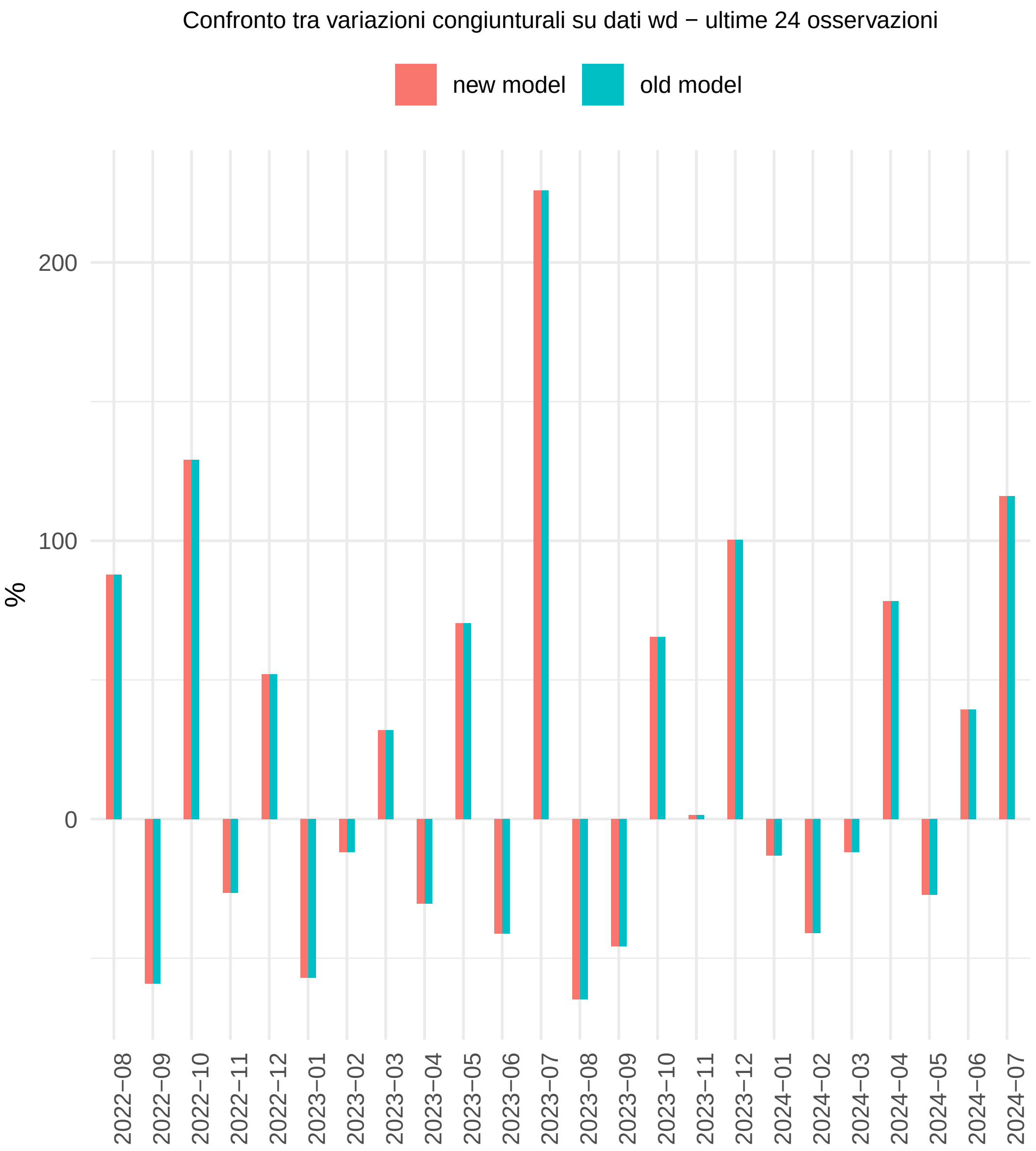
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
200
100
0
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
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2023−07
2023−08
2023−09
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2024−02
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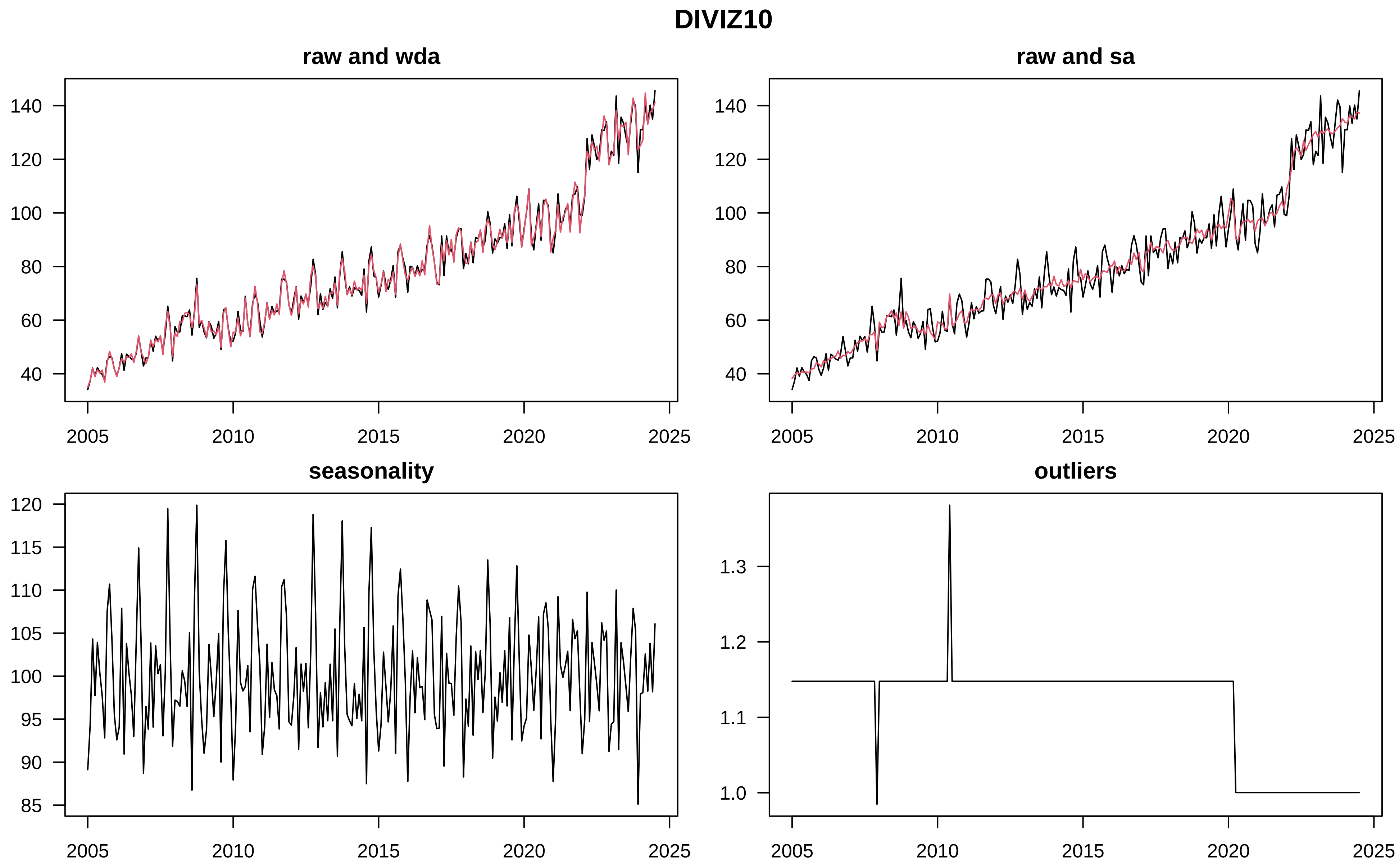
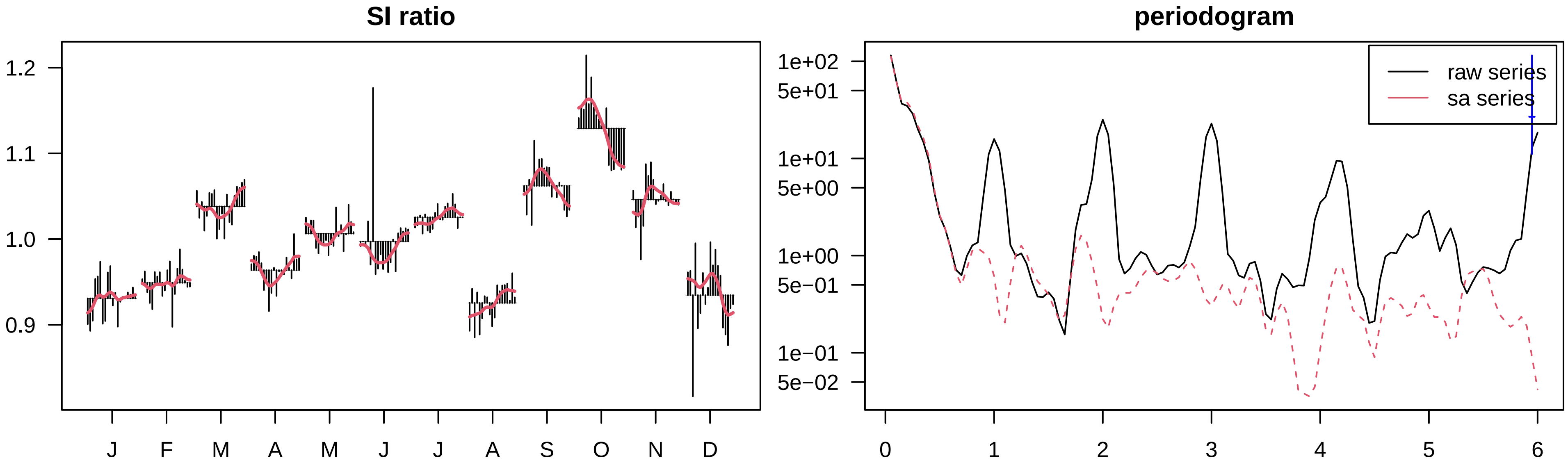
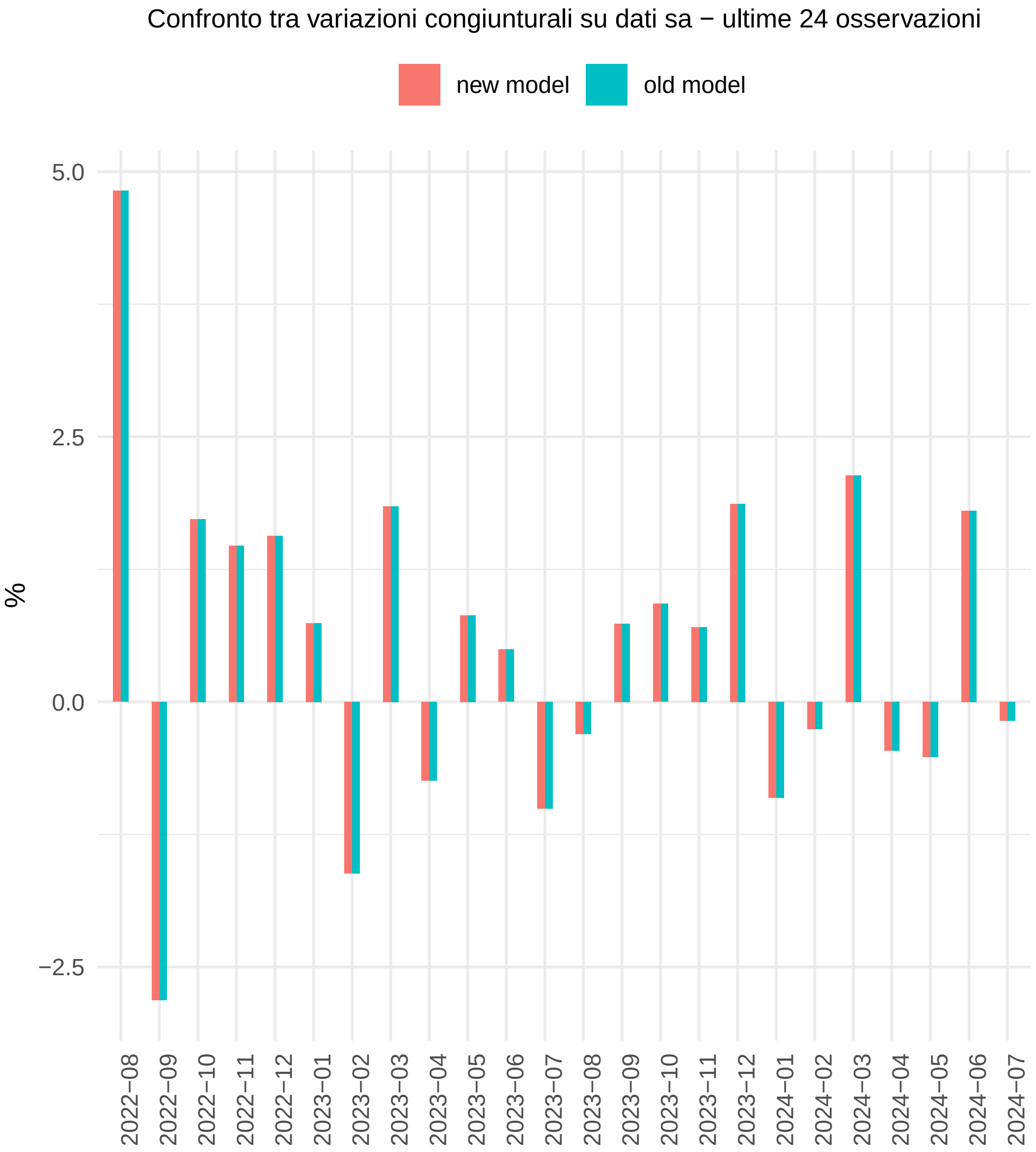
2024−04
2024−05
2024−06
2024−07


DIVIZ10
raw and wda
140
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
120
115
110
105
100
95
90
85
2005
2010
2015
2020
2025
outliers
1.3
1.2
1.1
1.0
2005
2010
2015
2020
2025

DIVIZ10


SI ratio
1.2
1.1
1.0
0.9
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
1e−01
5e−02
0
1
2
3
4
5
6
raw series
sa series

DIVIZ10


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
5.0
2.5
0.0
−2.5
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
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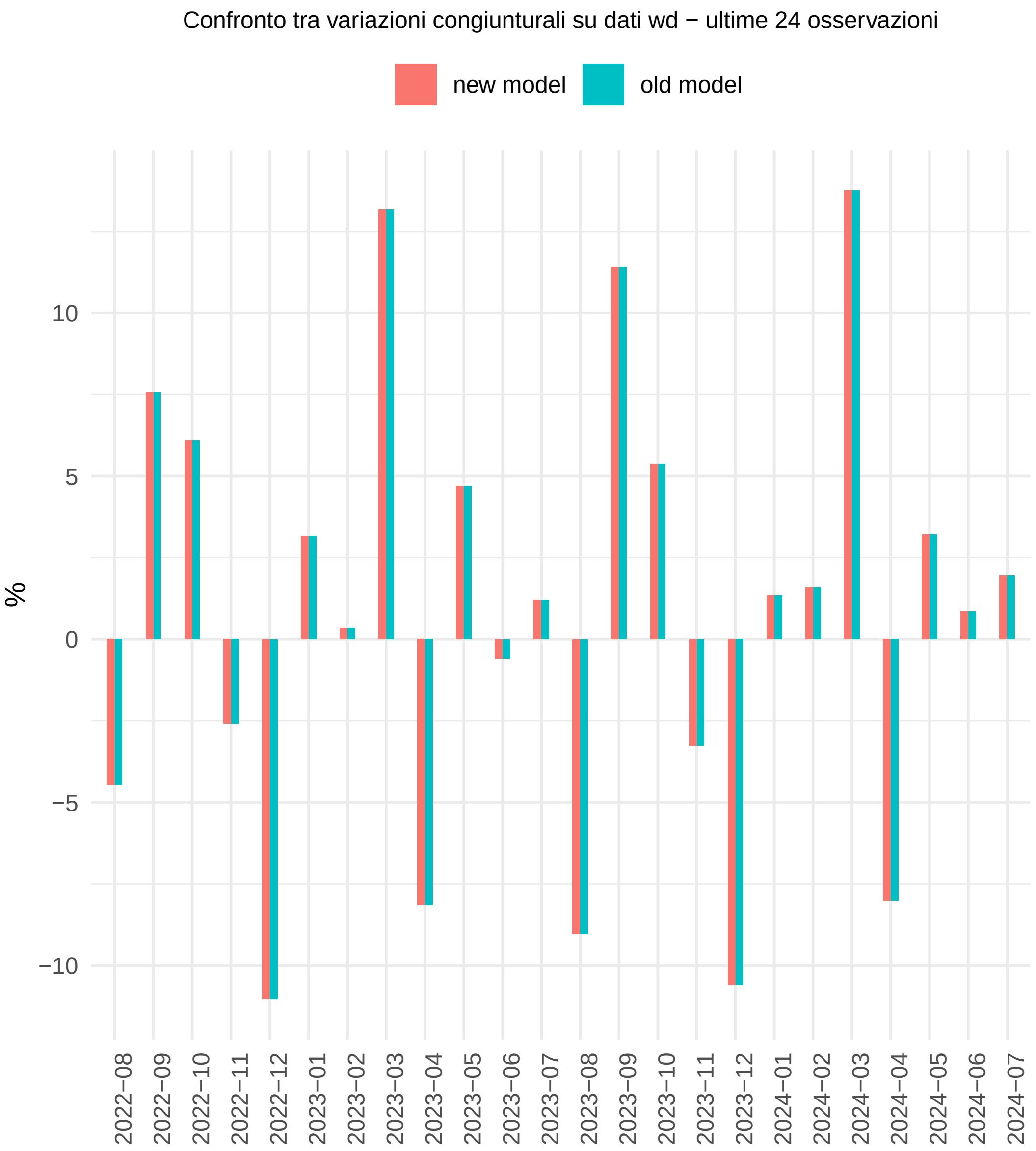
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
10
5
0
−5
−10
2022−08
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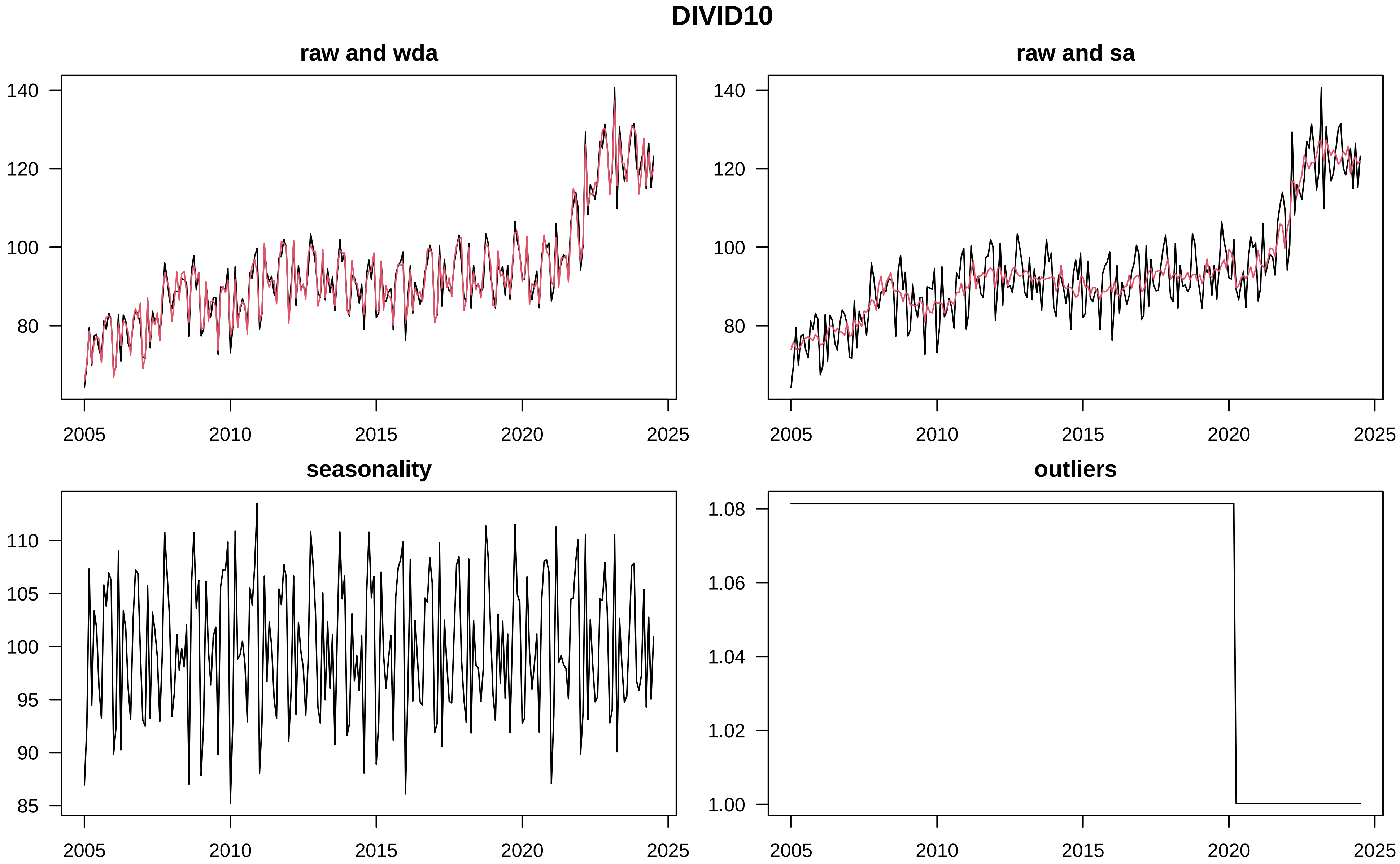
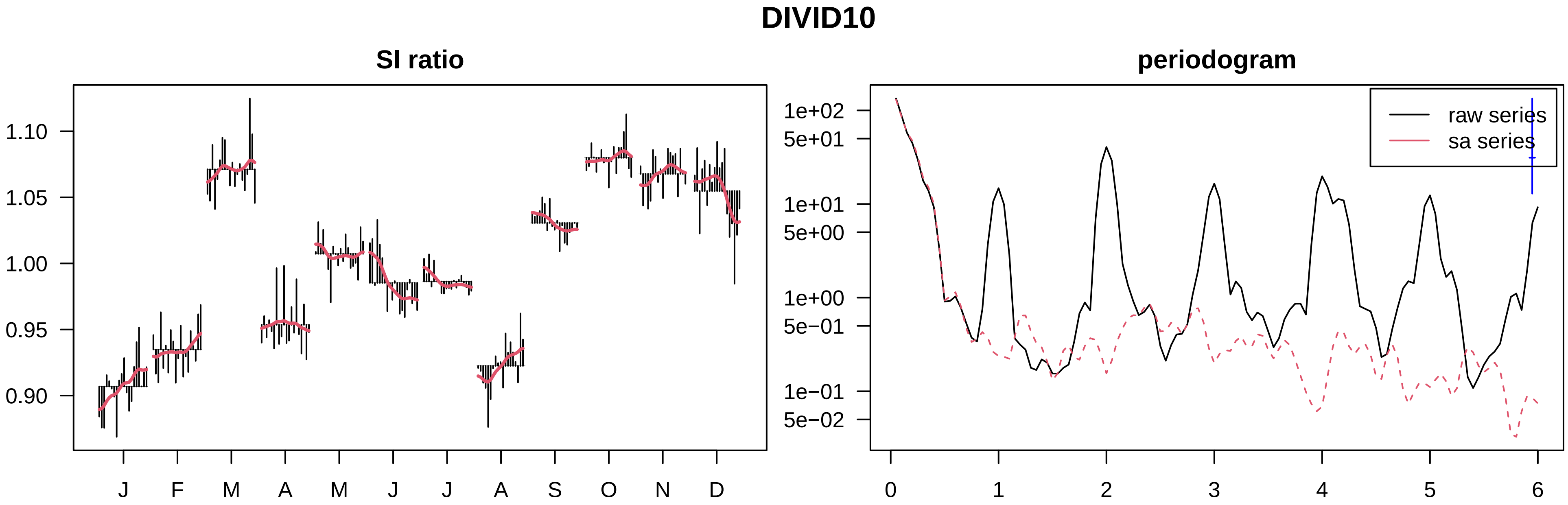
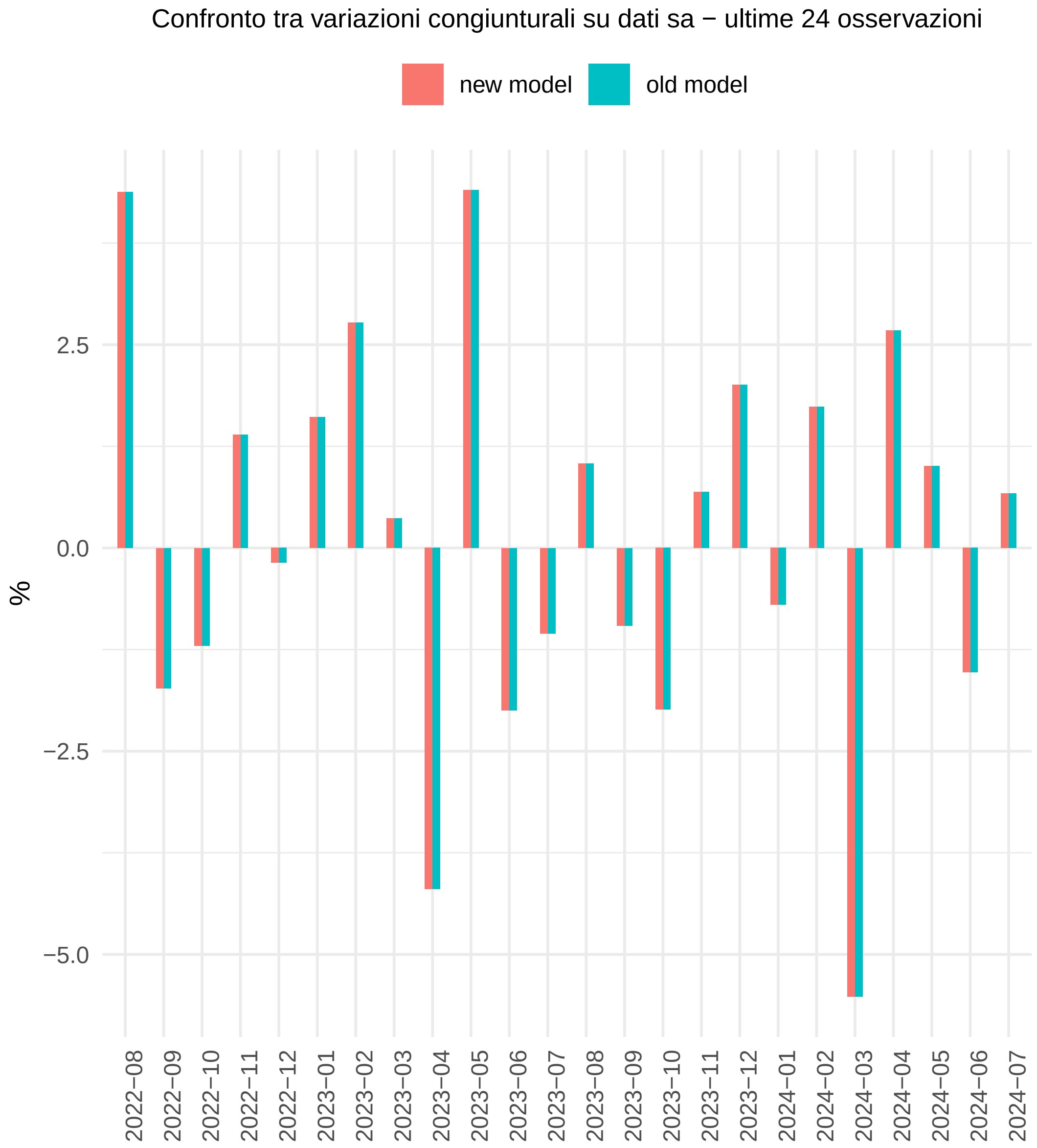
2024−05
2024−06
2024−07


DIVID10
raw and wda
140
120
100
80
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
2005
2010
2015
2020
2025
seasonality
110
105
100
95
90
85
2005
2010
2015
2020
2025
outliers
1.08
1.06
1.04
1.02
1.00
2005
2010
2015
2020
2025


DIVID10
SI ratio
1.10
1.05
1.00
0.95
0.90
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
1e−01
5e−02
0
1
2
3
4
5
6
raw series
sa series

DIVID10


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
2.5
0.0
−2.5
−5.0
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
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2023−09
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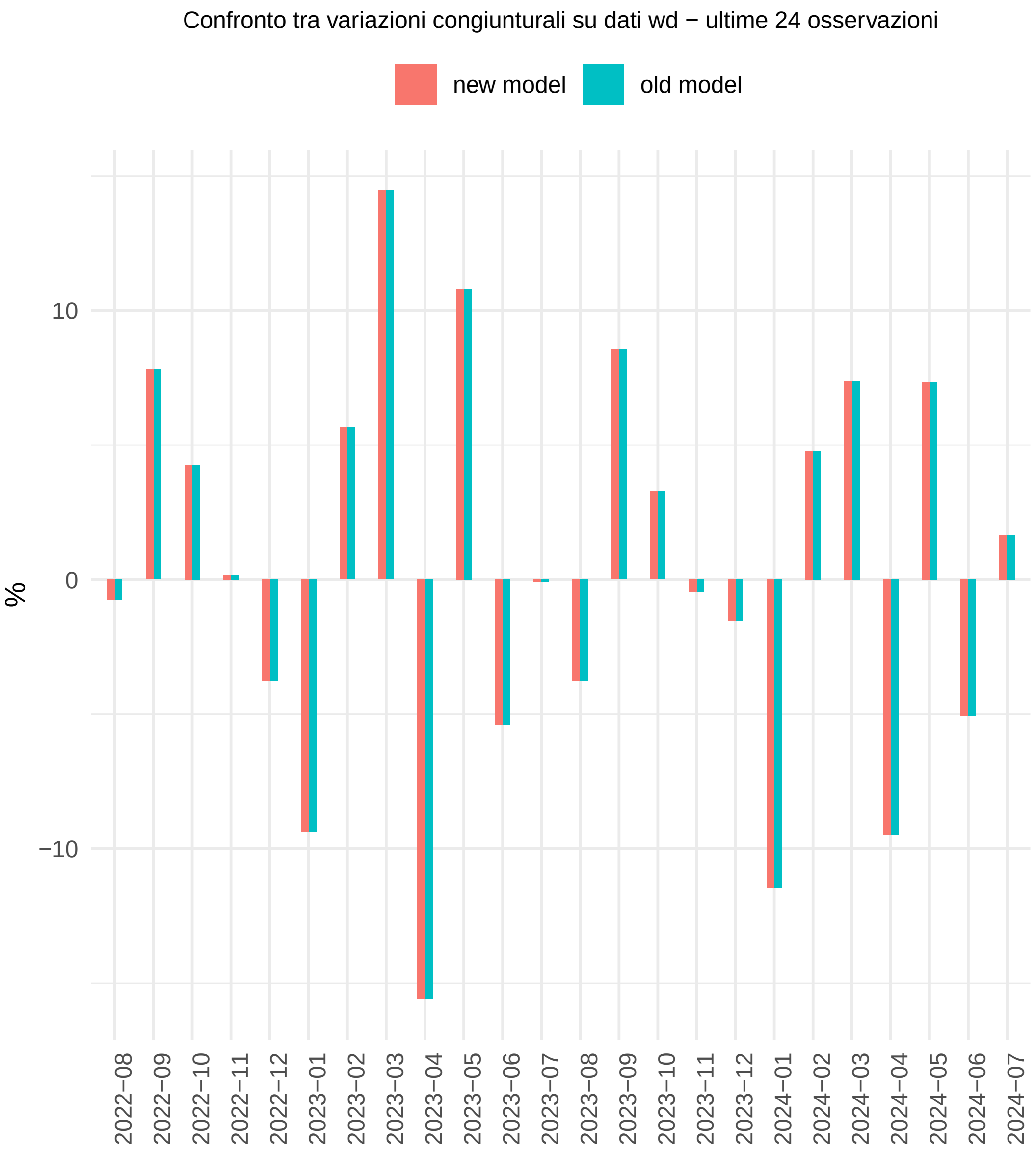
2024−03
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
10
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−10
2022−08
2022−09
2022−10
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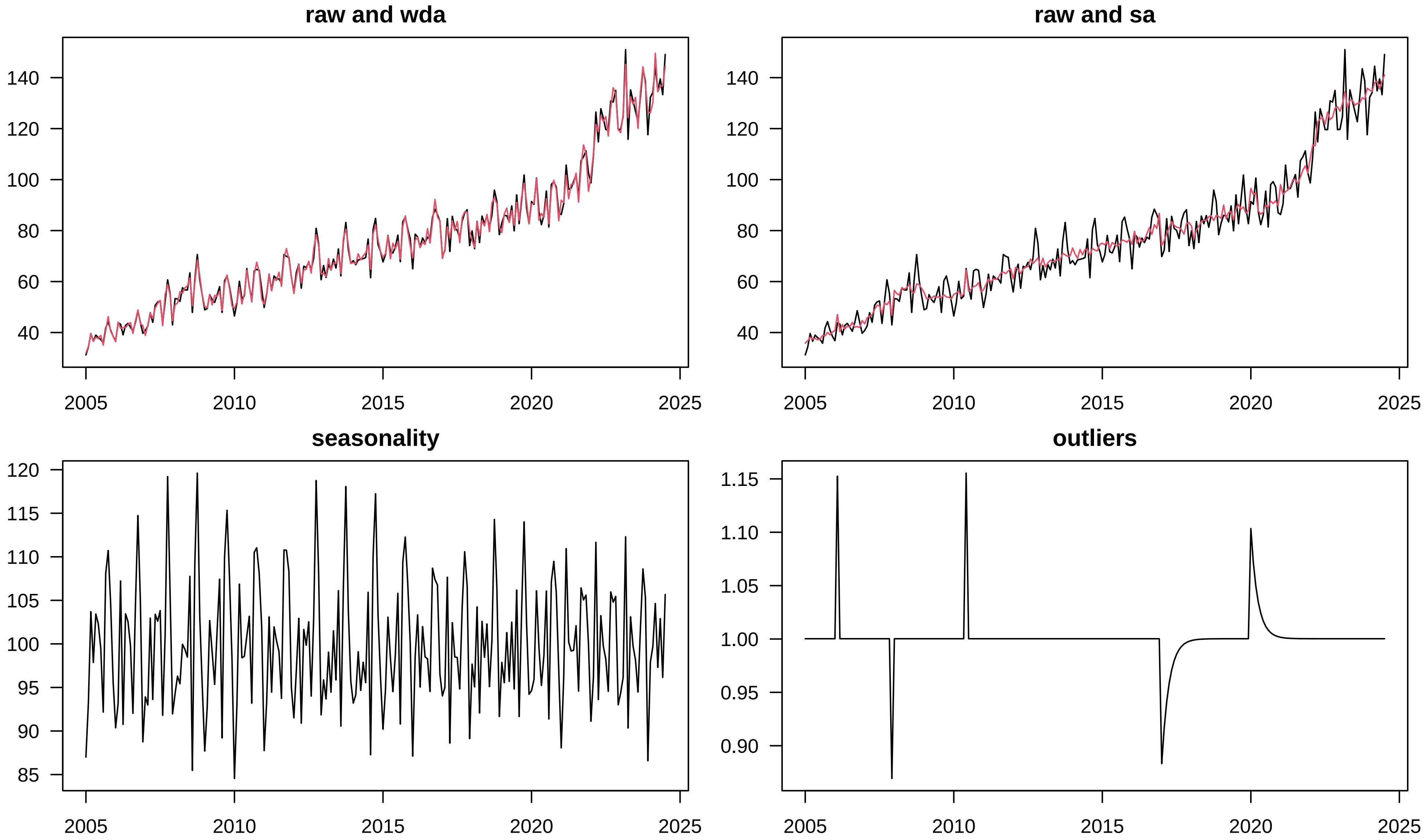
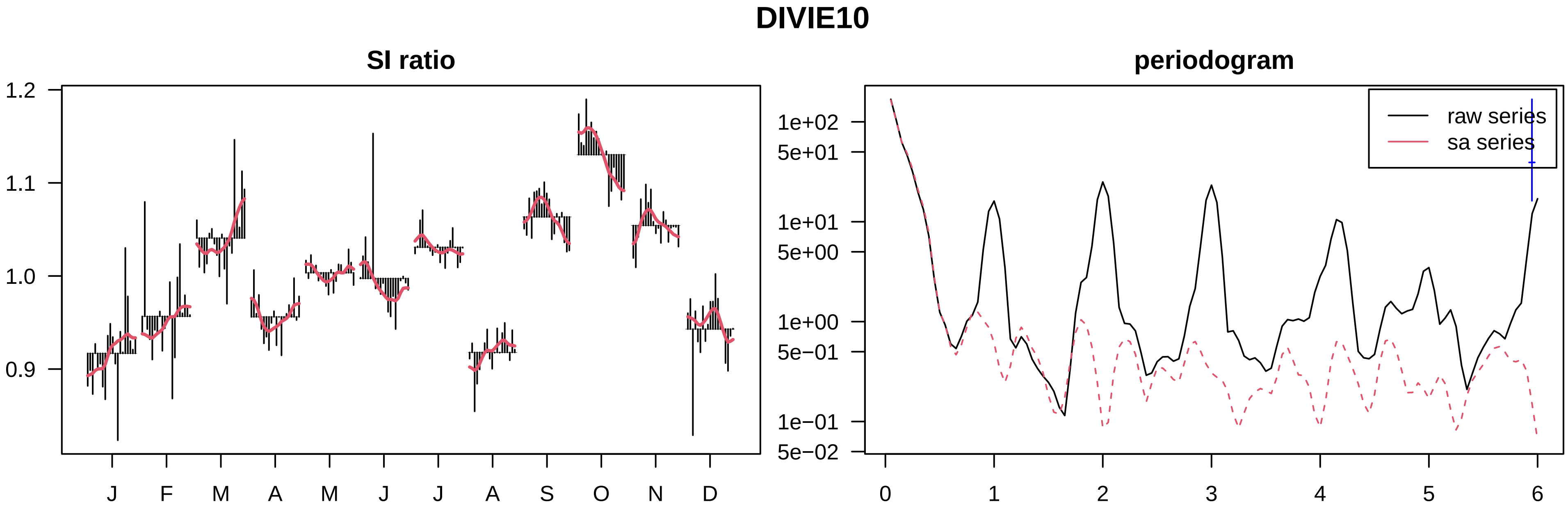
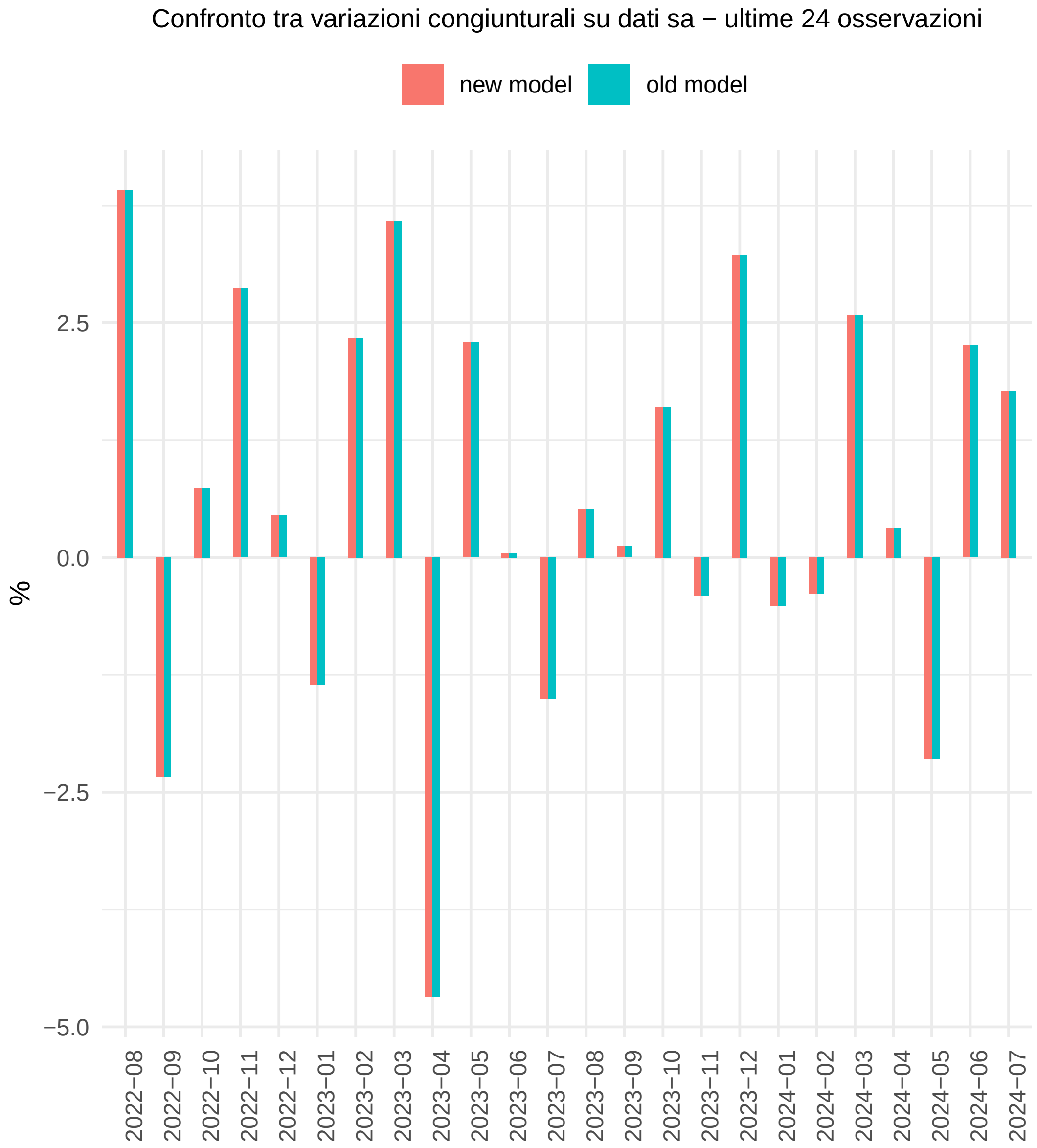
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

DIVIE10


raw and wda
raw and sa
seasonality
outliers
40
60
80
100
120
140
85
90
95
100
105
110
115
120
0.90
0.95
1.00
1.05
1.10
1.15
2005
2010
2015
2020
2025


DIVIE10
SI ratio
1.2
1.1
1.0
0.9
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
1e−01
5e−02
0
1
2
3
4
5
6

DIVIE10



Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
2.5
0.0
−2.5
−5.0
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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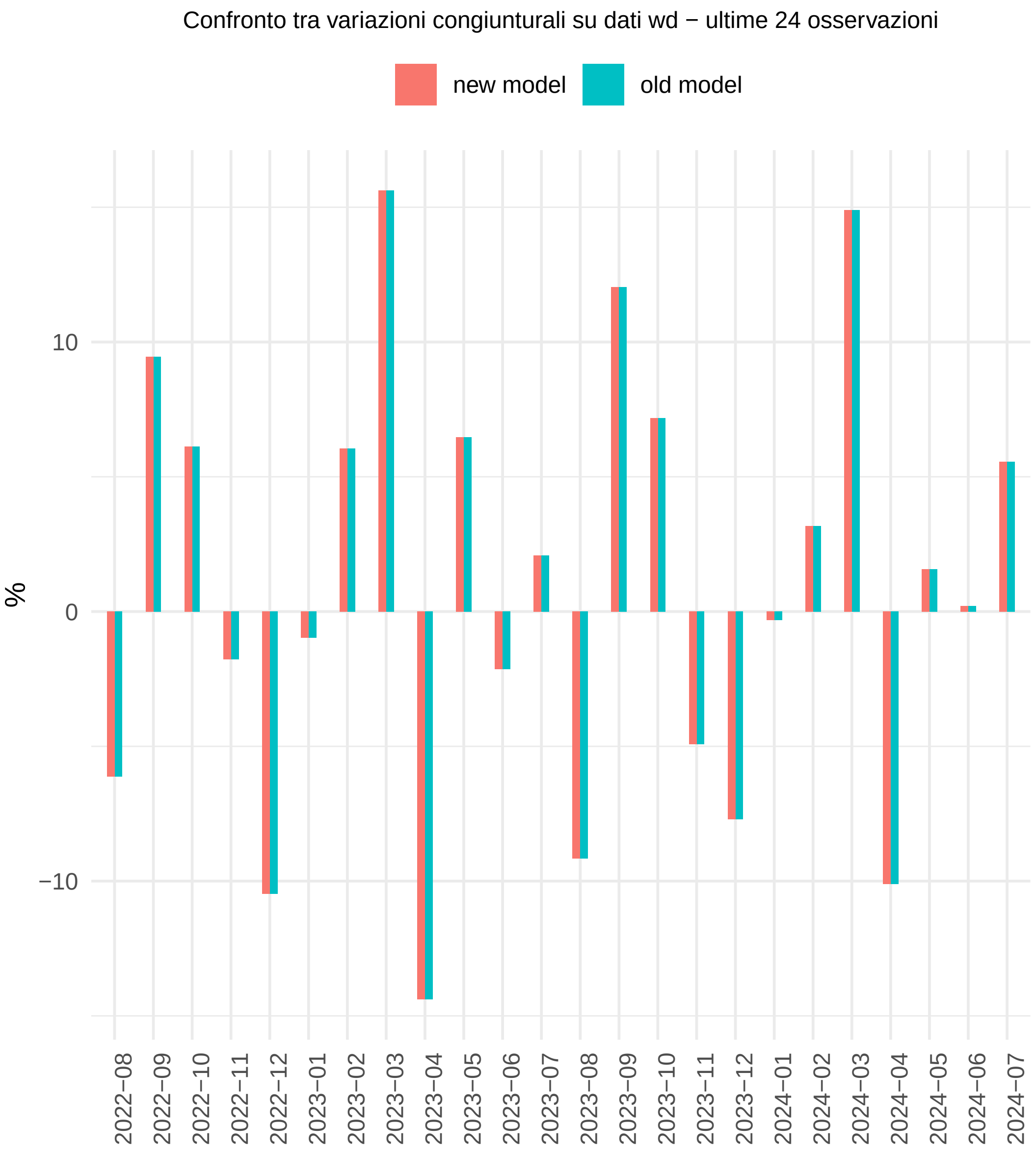
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07



Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
10
0
−10
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
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2023−09
2023−10
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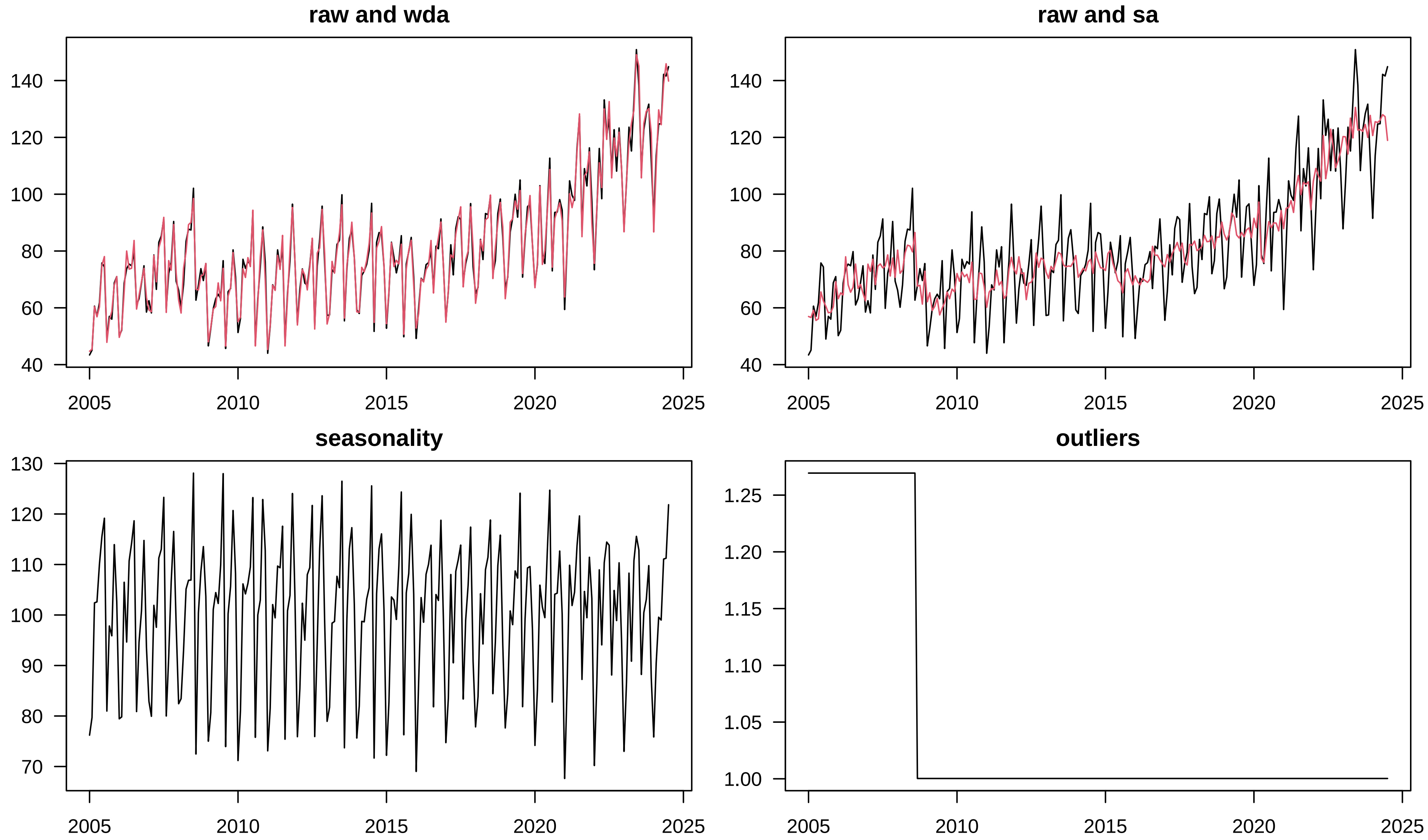
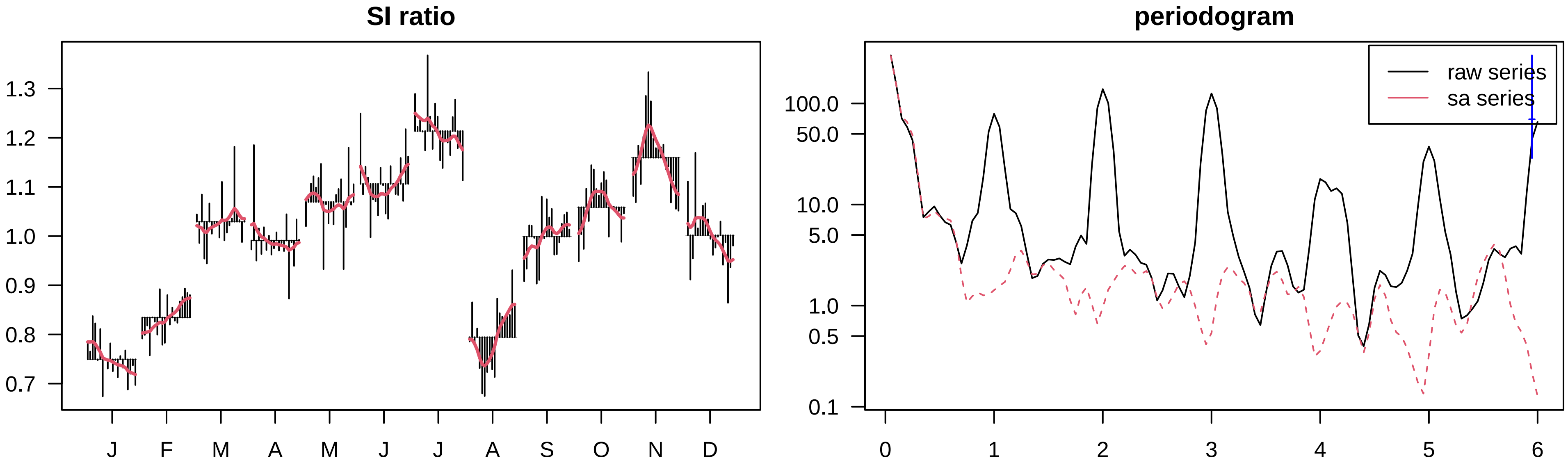
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

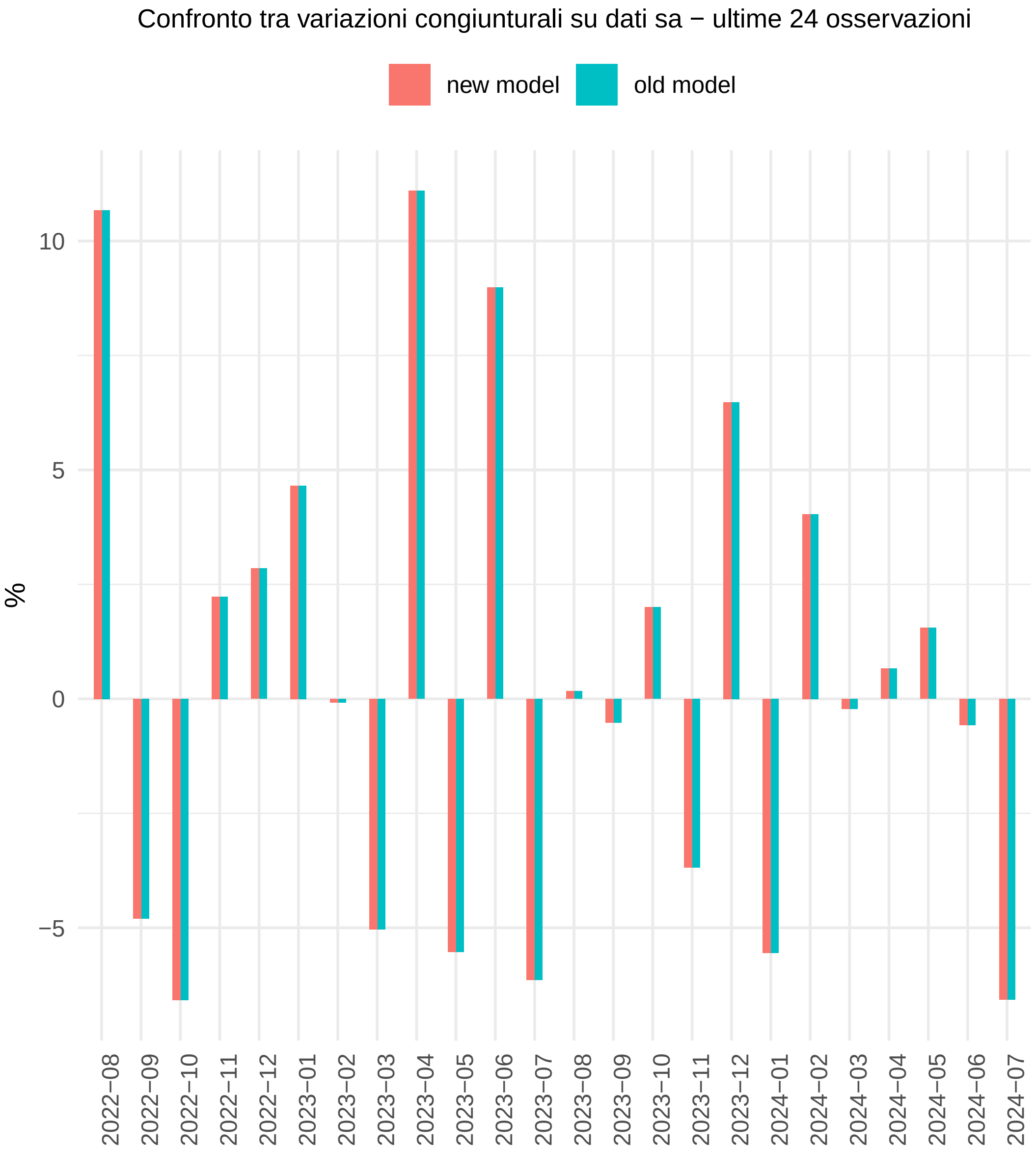
DIVIZ11


raw and wda
140
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
130
120
110
100
90
80
70
2005
2010
2015
2020
2025
outliers
1.25
1.20
1.15
1.10
1.05
1.00
2005
2010
2015
2020
2025

DIVIZ11


SI ratio
1.3
1.2
1.1
1.0
0.9
0.8
0.7
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
100.0
50.0
10.0
5.0
1.0
0.5
0.1
0
1
2
3
4
5
6

DIVIZ11


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
10
5
0
−5
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
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2023−09
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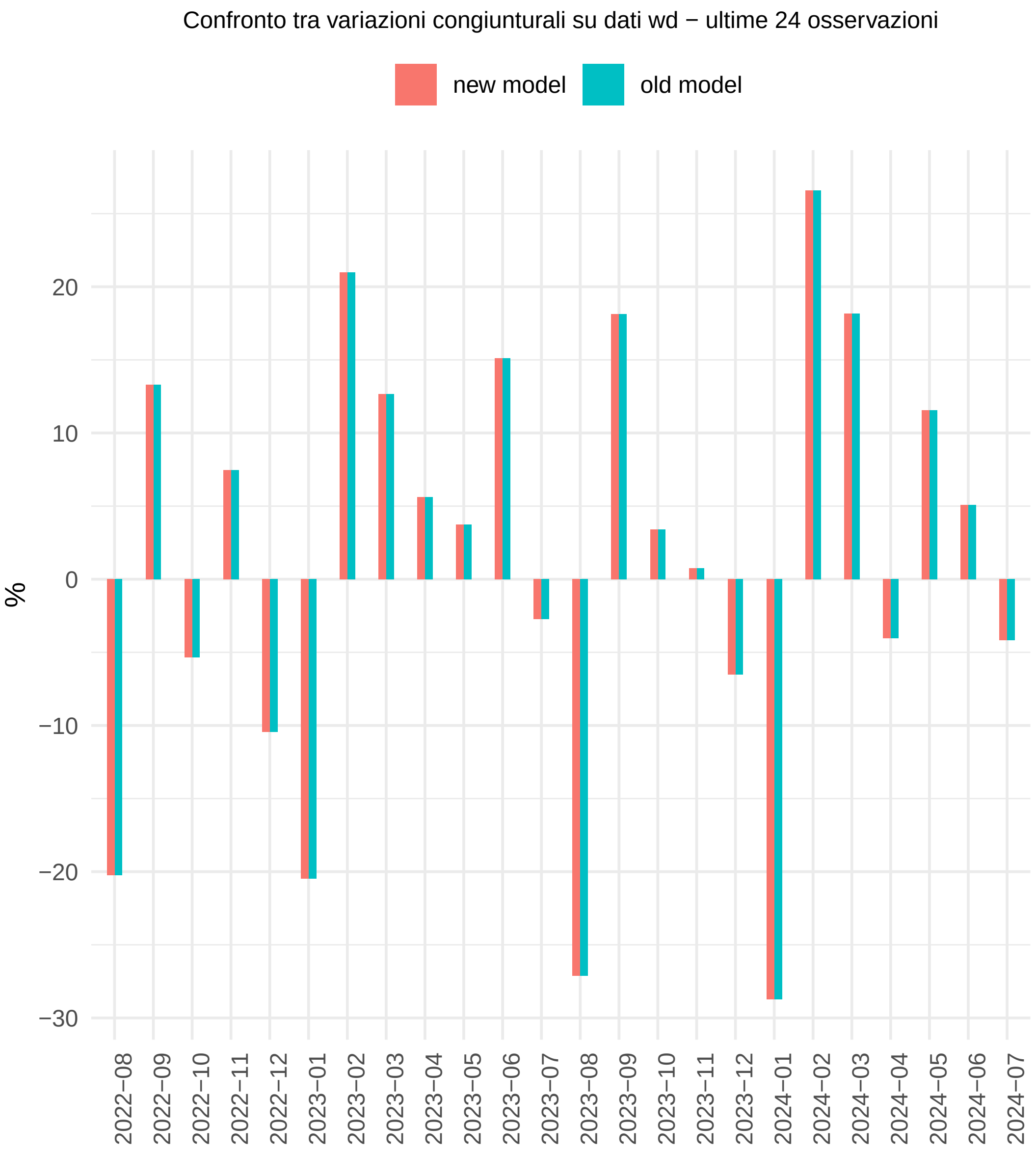
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
20
10
0
−10
−20
−30
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
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2023−09
2023−10
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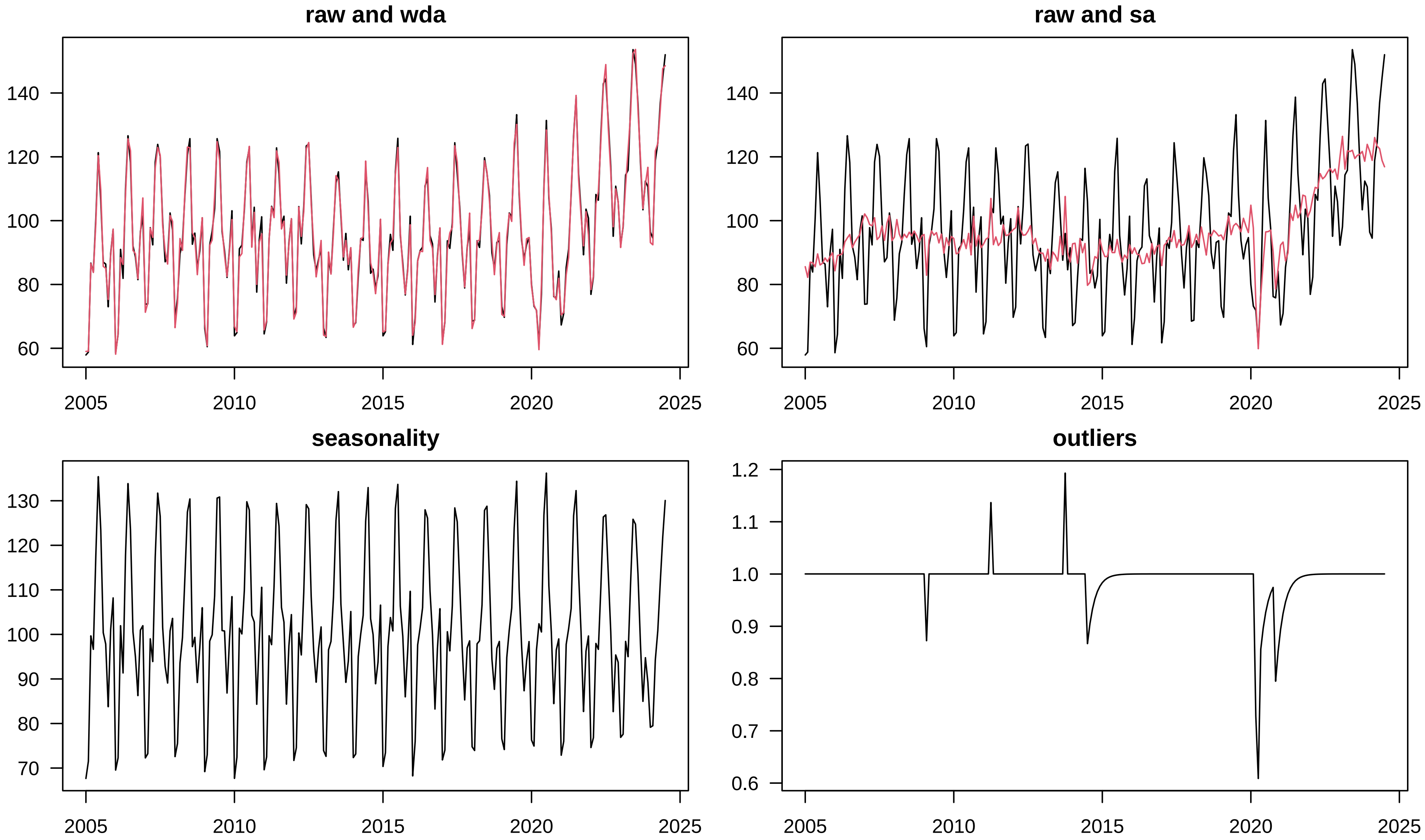
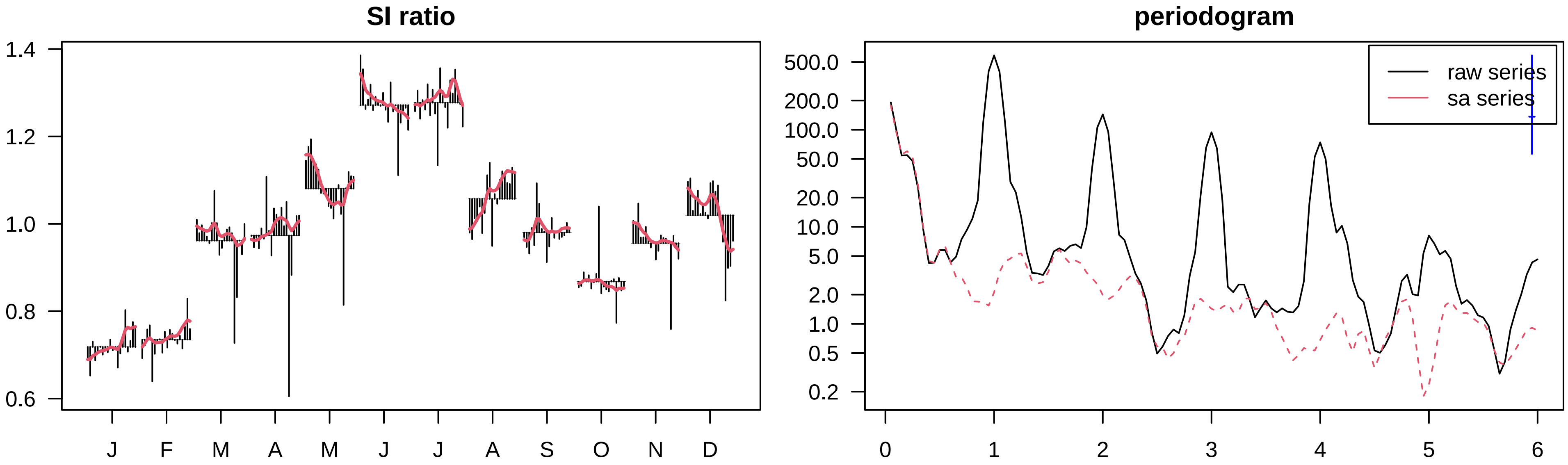
2024−05
2024−06
2024−07

DIVID11

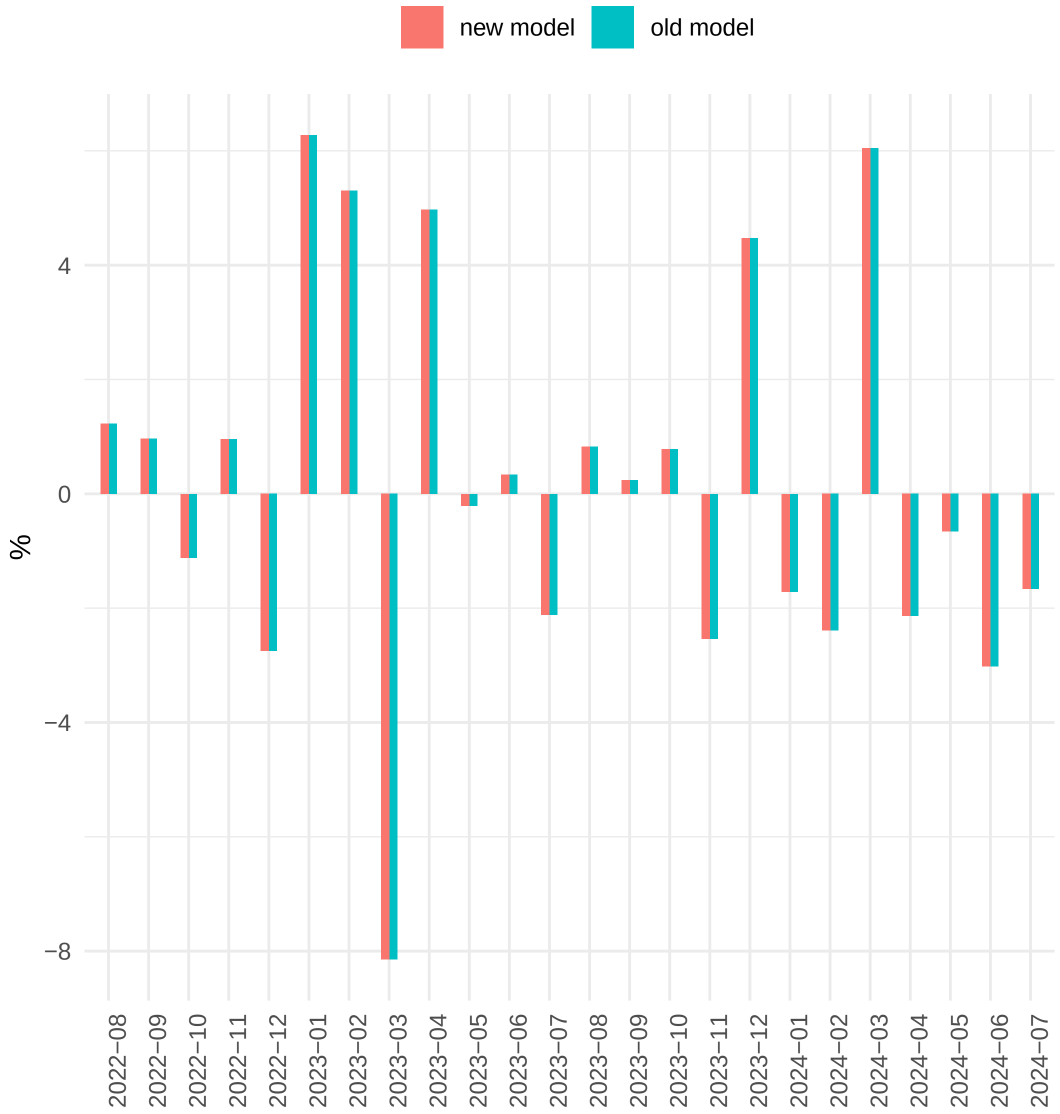

raw and wda
140
120
100
80
60
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
60
2005
2010
2015
2020
2025
seasonality
130
120
110
100
90
80
70
2005
2010
2015
2020
2025
outliers
1.2
1.1
1.0
0.9
0.8
0.7
0.6
2005
2010
2015
2020
2025

DIVID11

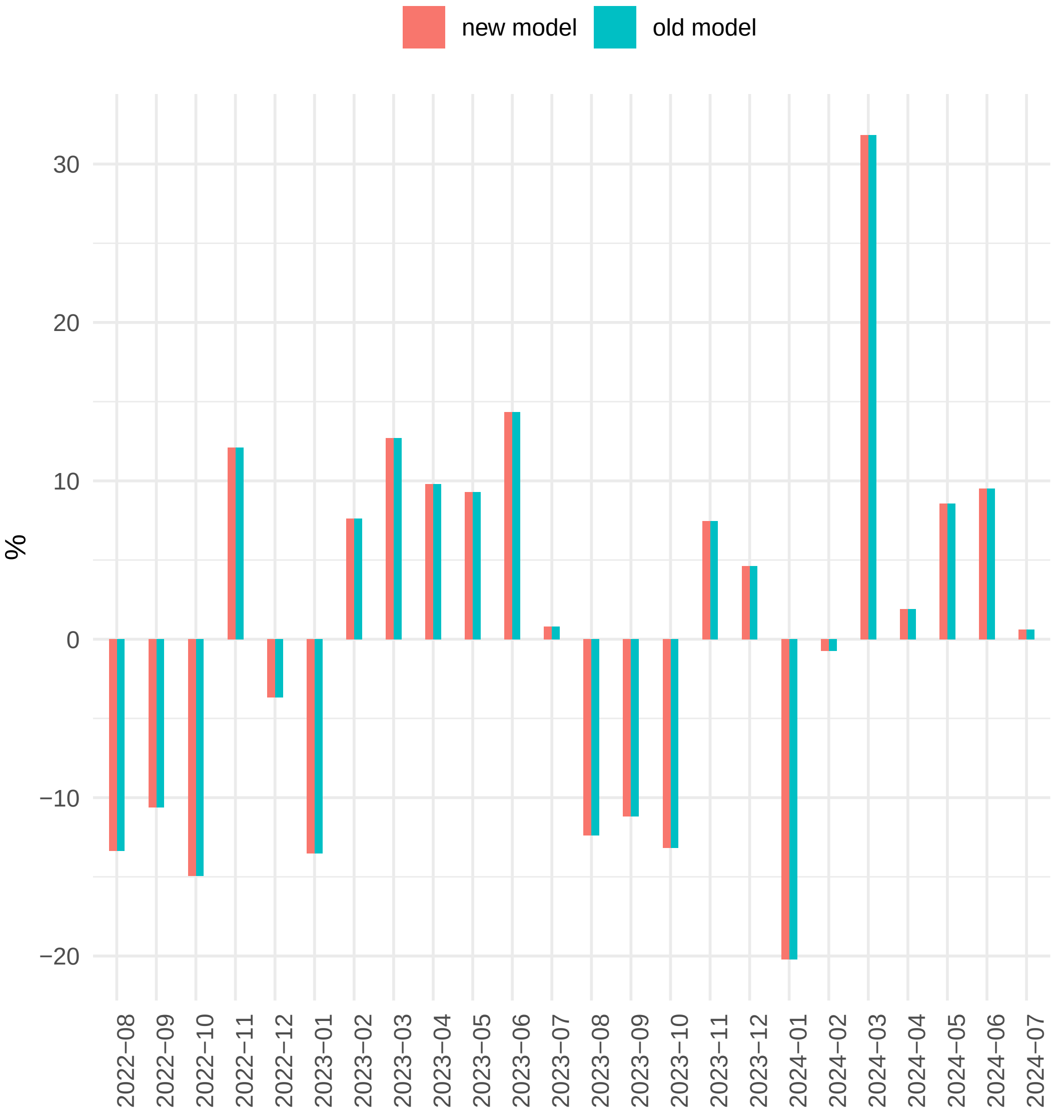

SI ratio
1.4
1.2
1.0
0.8
0.6
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0.2
0
1
2
3
4
5
6
raw series
sa series

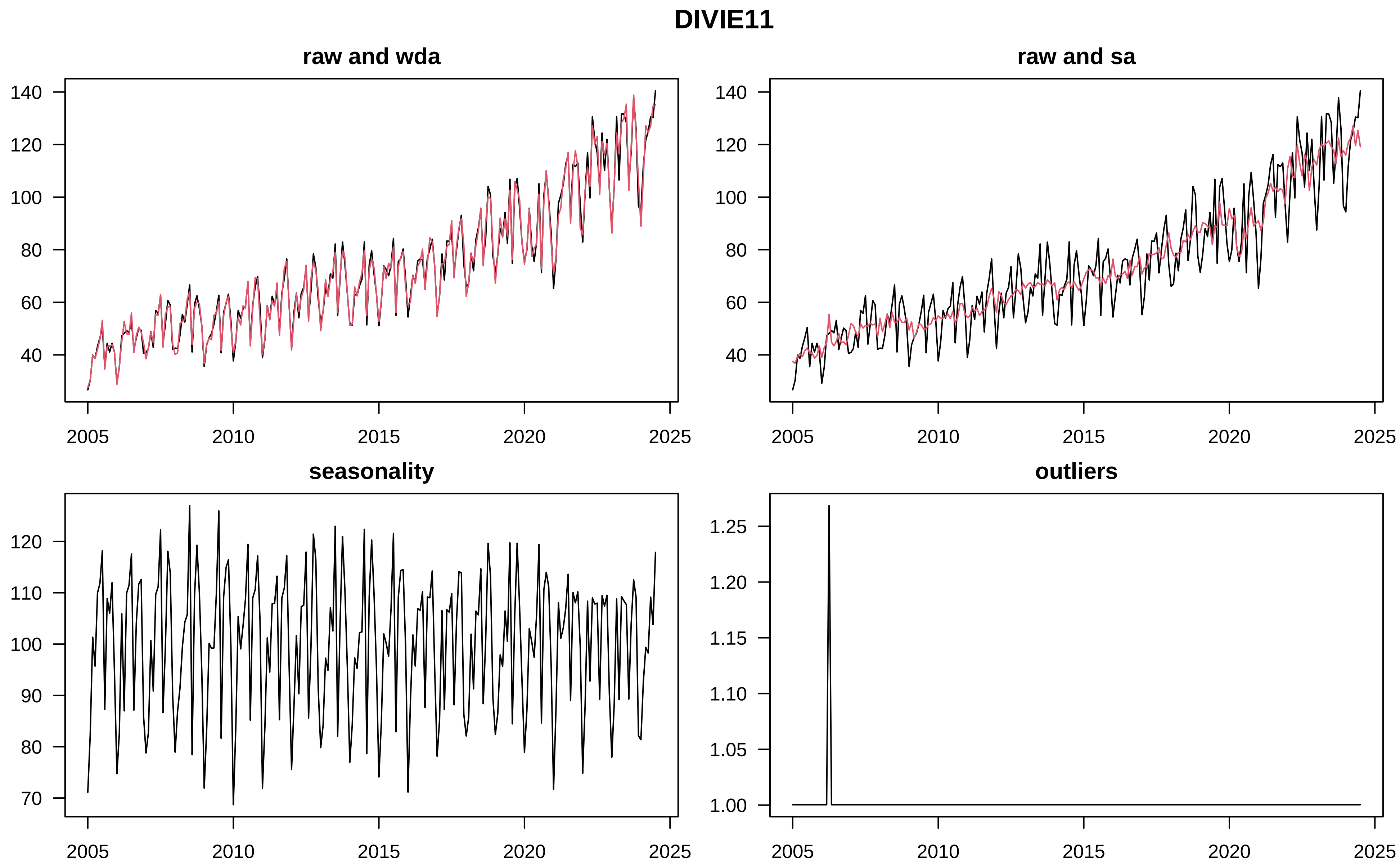
DIVID11

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

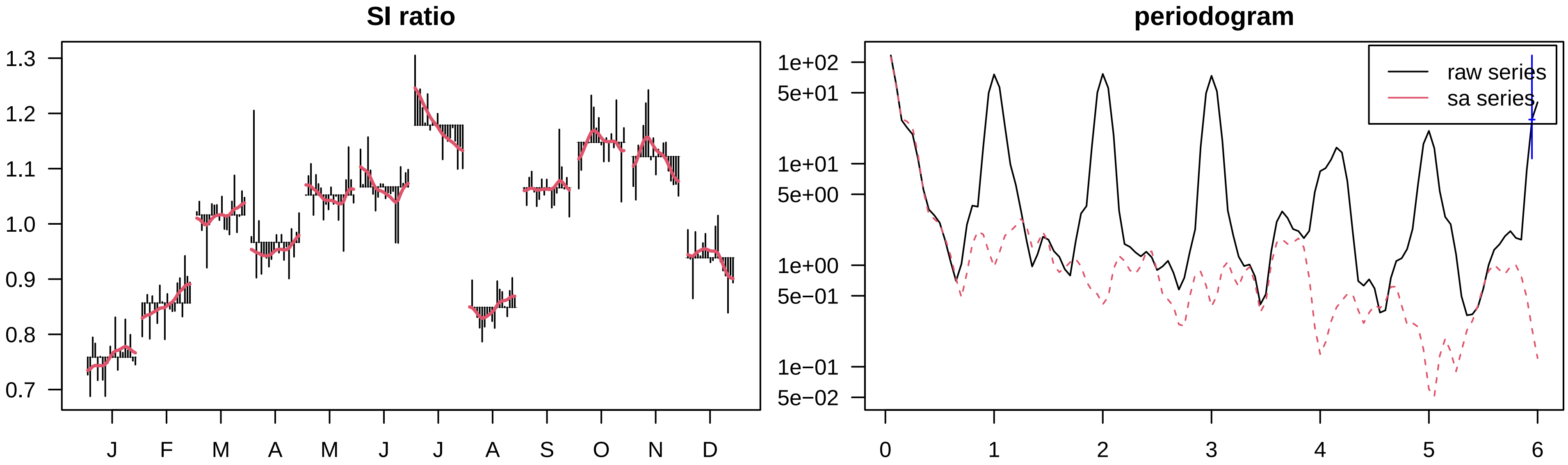


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

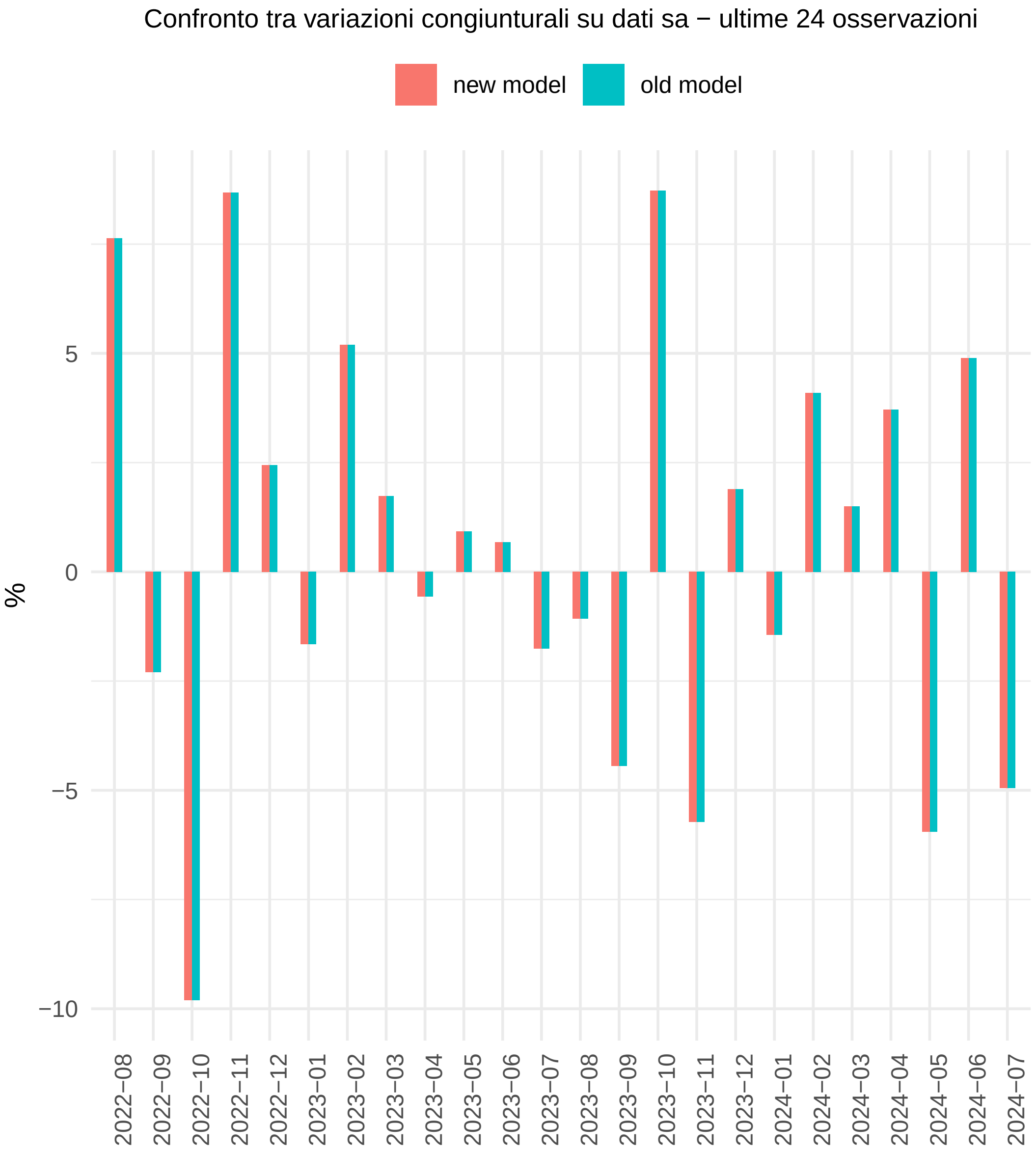



DIVIE11
raw and wda
140
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
120
110
100
90
80
70
2005
2010
2015
2020
2025
outliers
1.25
1.20
1.15
1.10
1.05
1.00
2005
2010
2015
2020
2025

DIVIE11


SI ratio
1.3
1.2
1.1
1.0
0.9
0.8
0.7
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
1e−01
5e−02
0
1
2
3
4
5
6
raw series
sa series

DIVIE11


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
5
0
−5
−10
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
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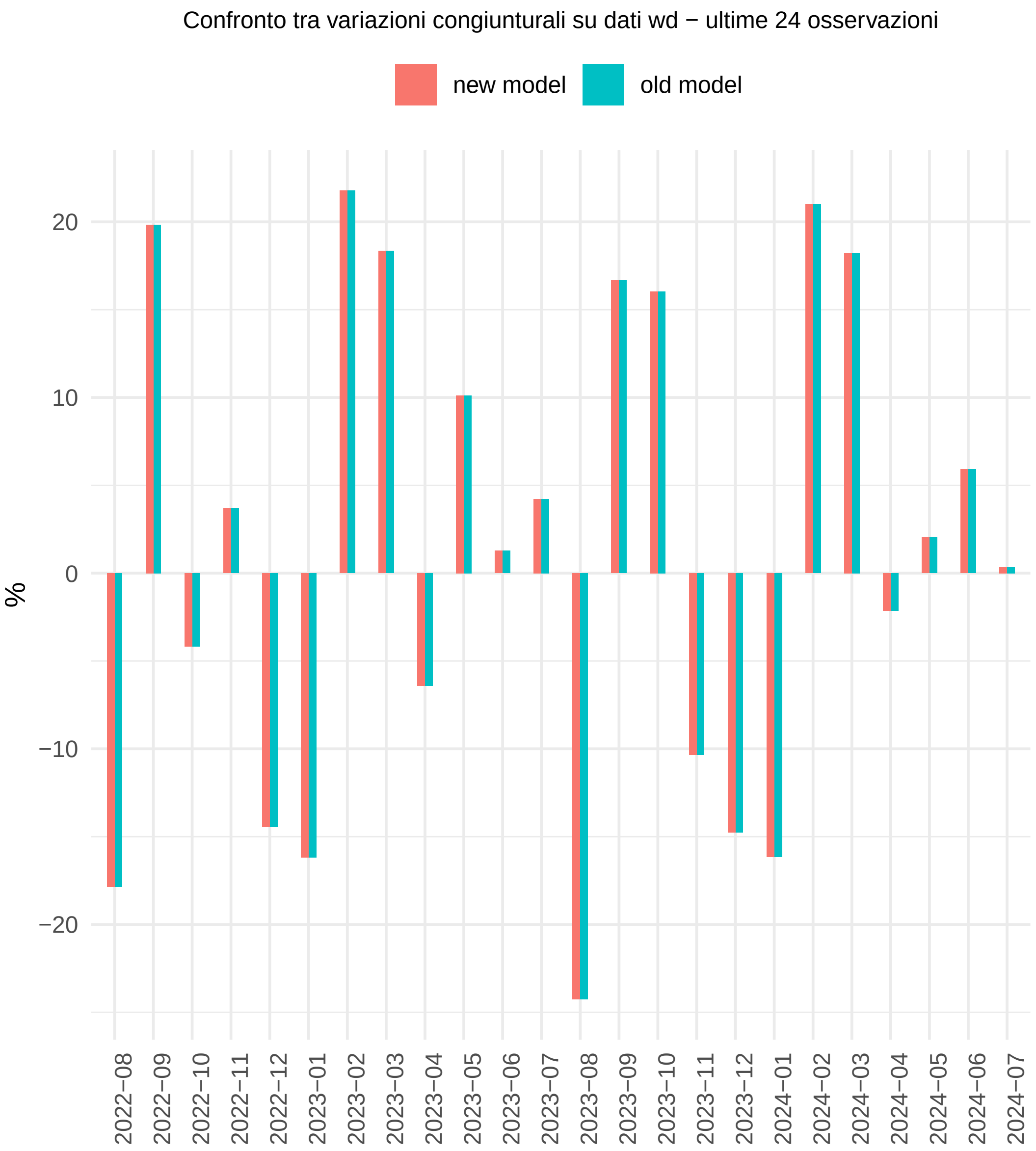
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
20
10
0
−10
−20
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
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2024−01
2024−02
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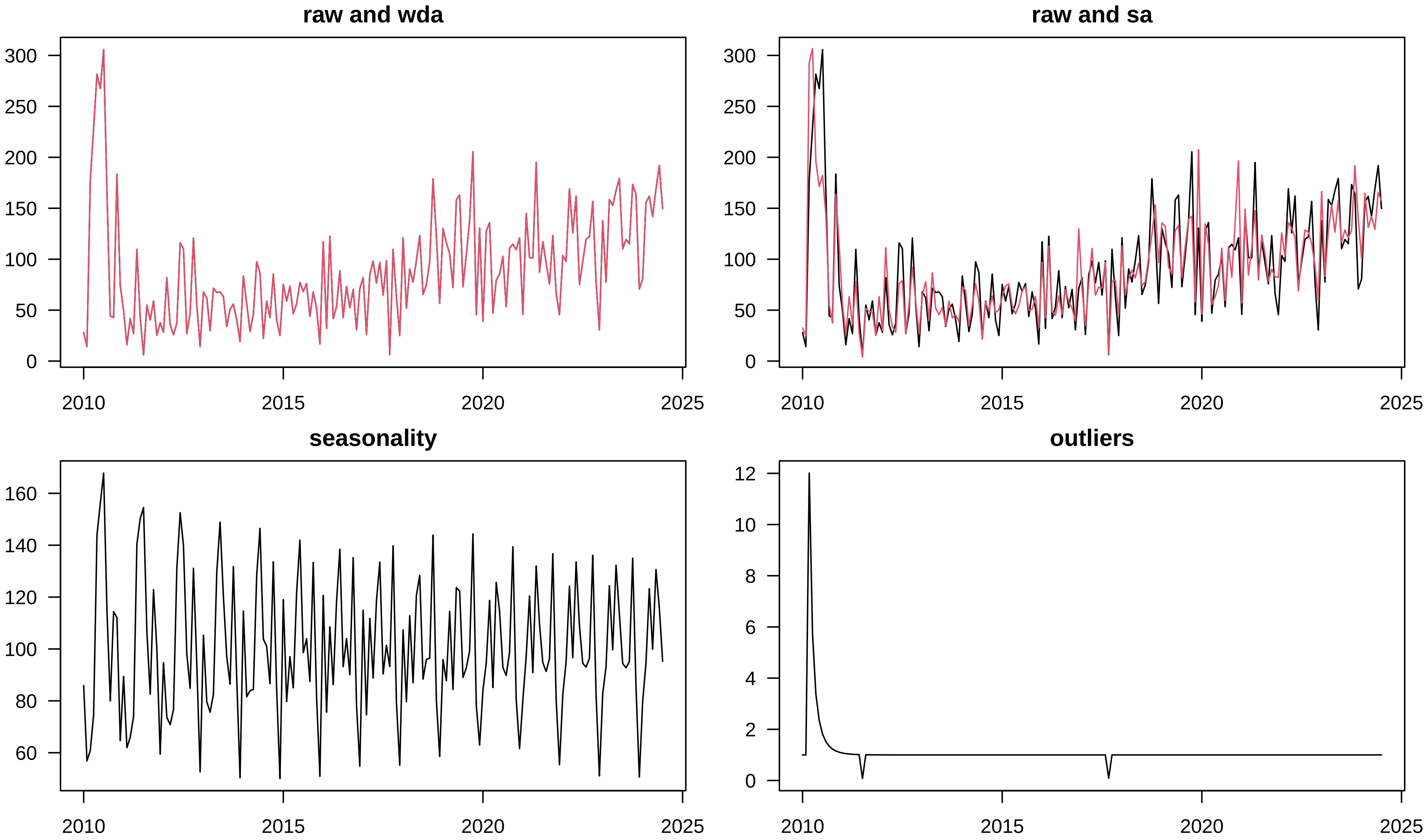
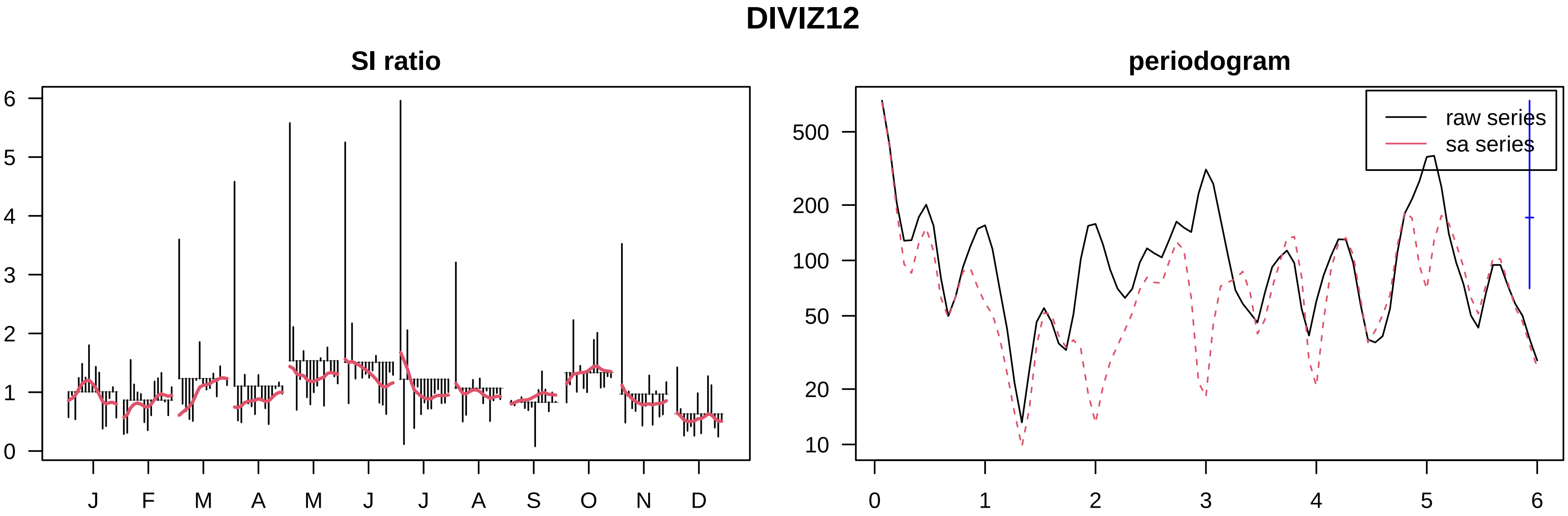
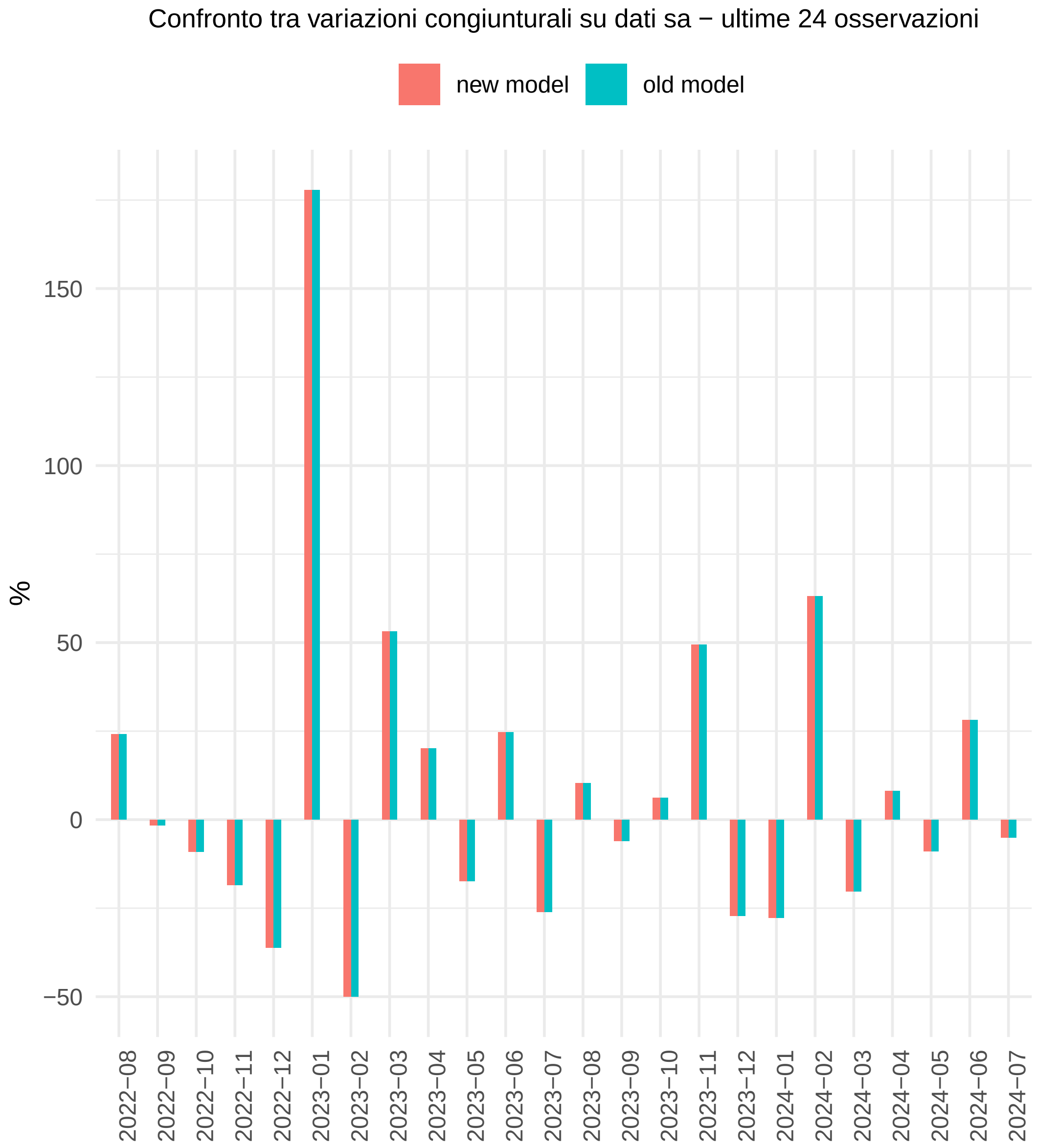
2024−04
2024−05
2024−06
2024−07

DIVIZ12

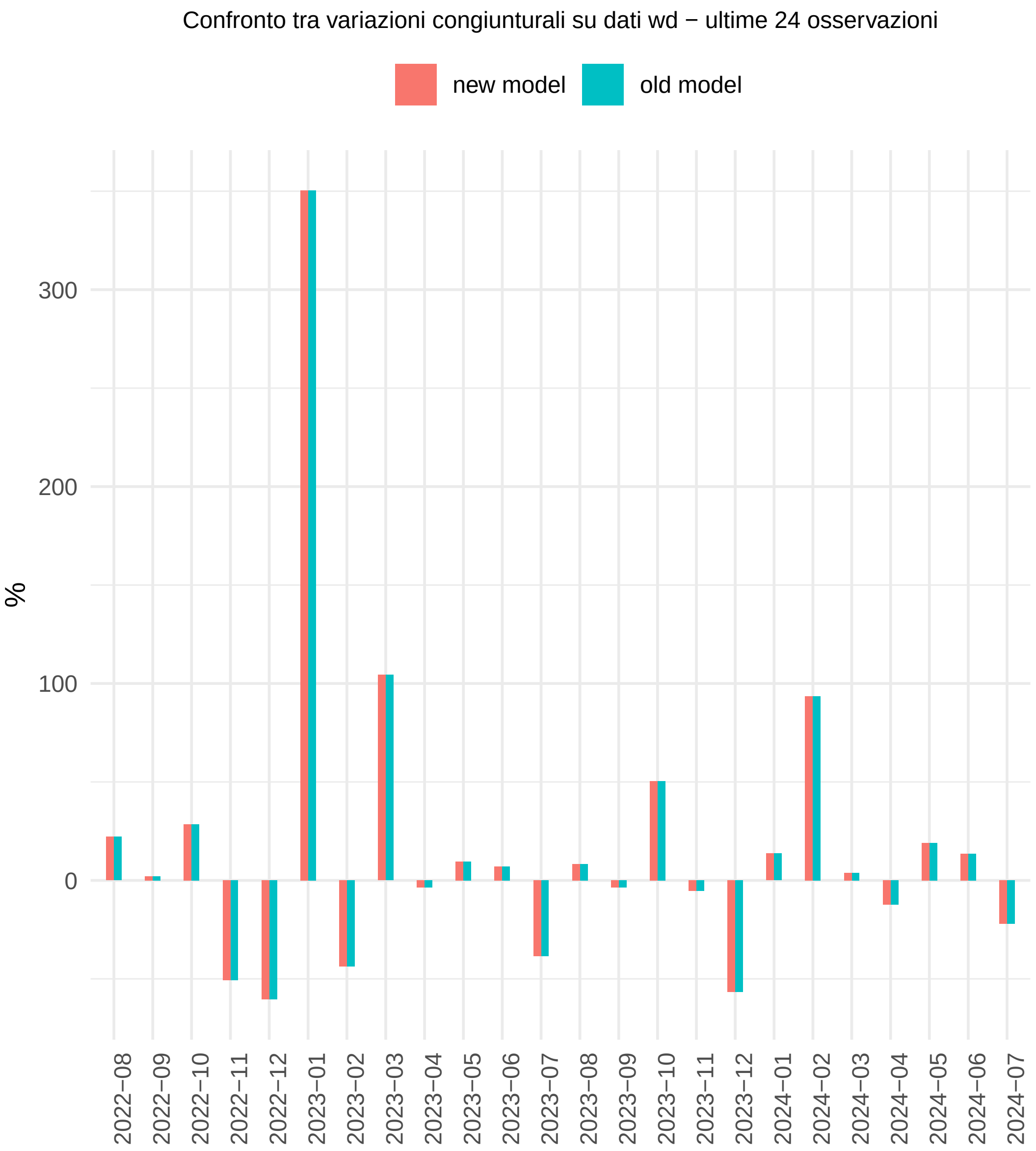

raw and wda
300
250
200
150
100
50
0
2010
2015
2020
2025
raw and sa
300
250
200
150
100
50
0
2010
2015
2020
2025
seasonality
160
140
120
100
80
60
2010
2015
2020
2025
outliers
12
10
8
6
4
2
0
2010
2015
2020
2025


DIVIZ12
SI ratio
6
5
4
3
2
1
0
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
500
200
100
50
20
10
0
1
2
3
4
5
6

DIVIZ12



Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
150
100
50
0
−50
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07



Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
300
200
100
0
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
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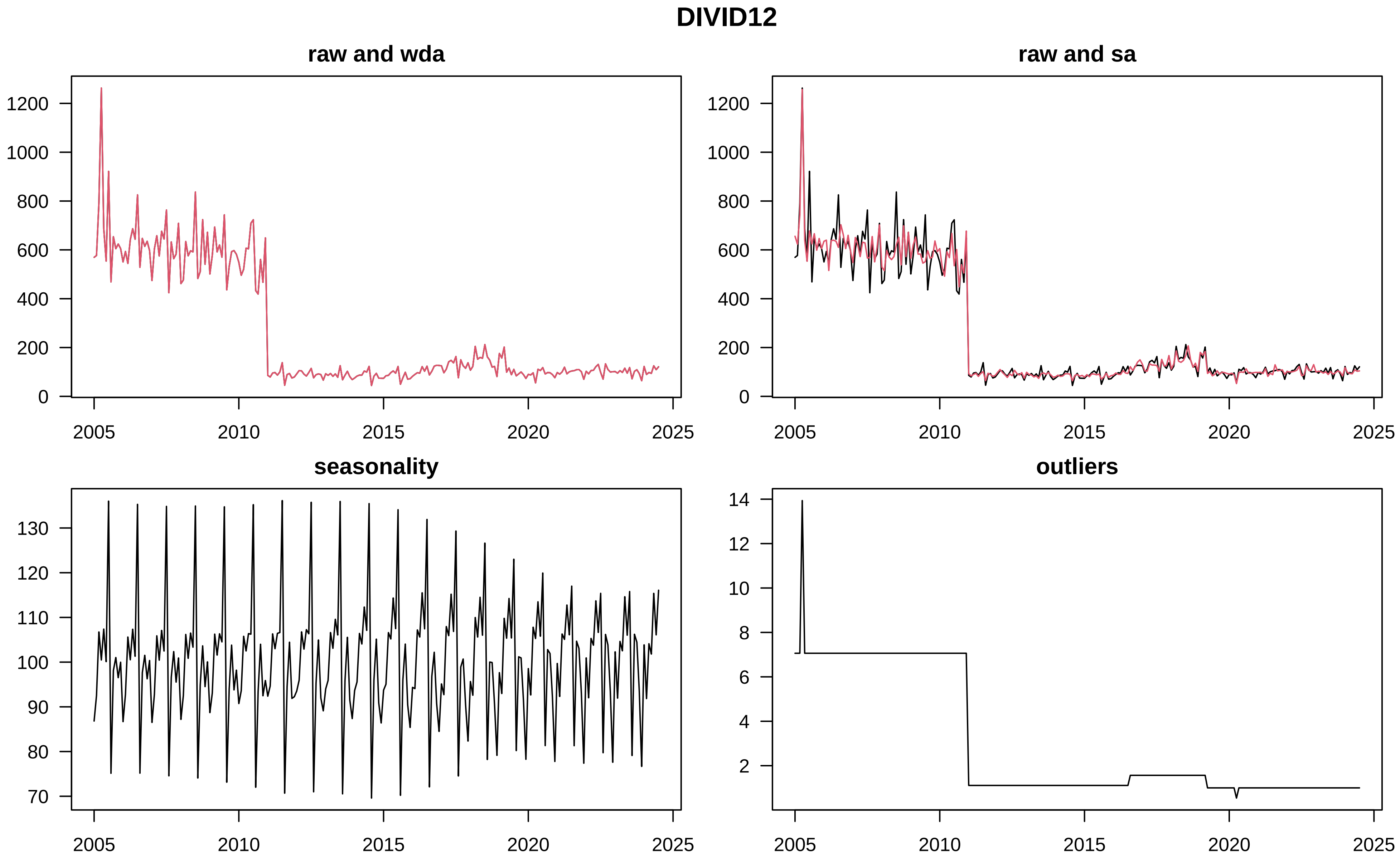
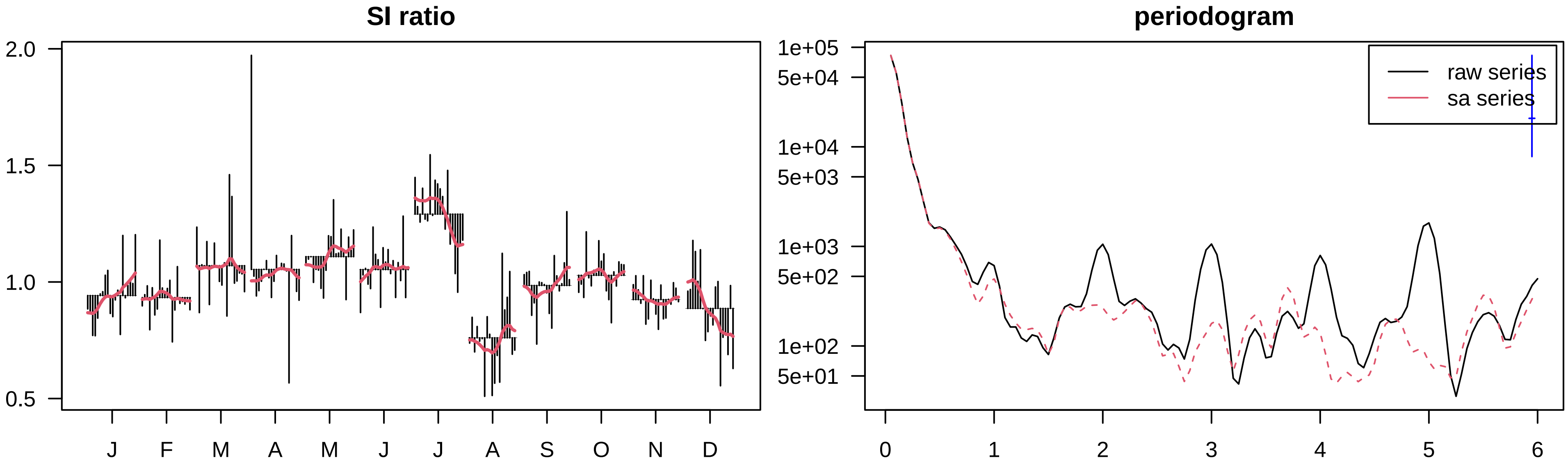
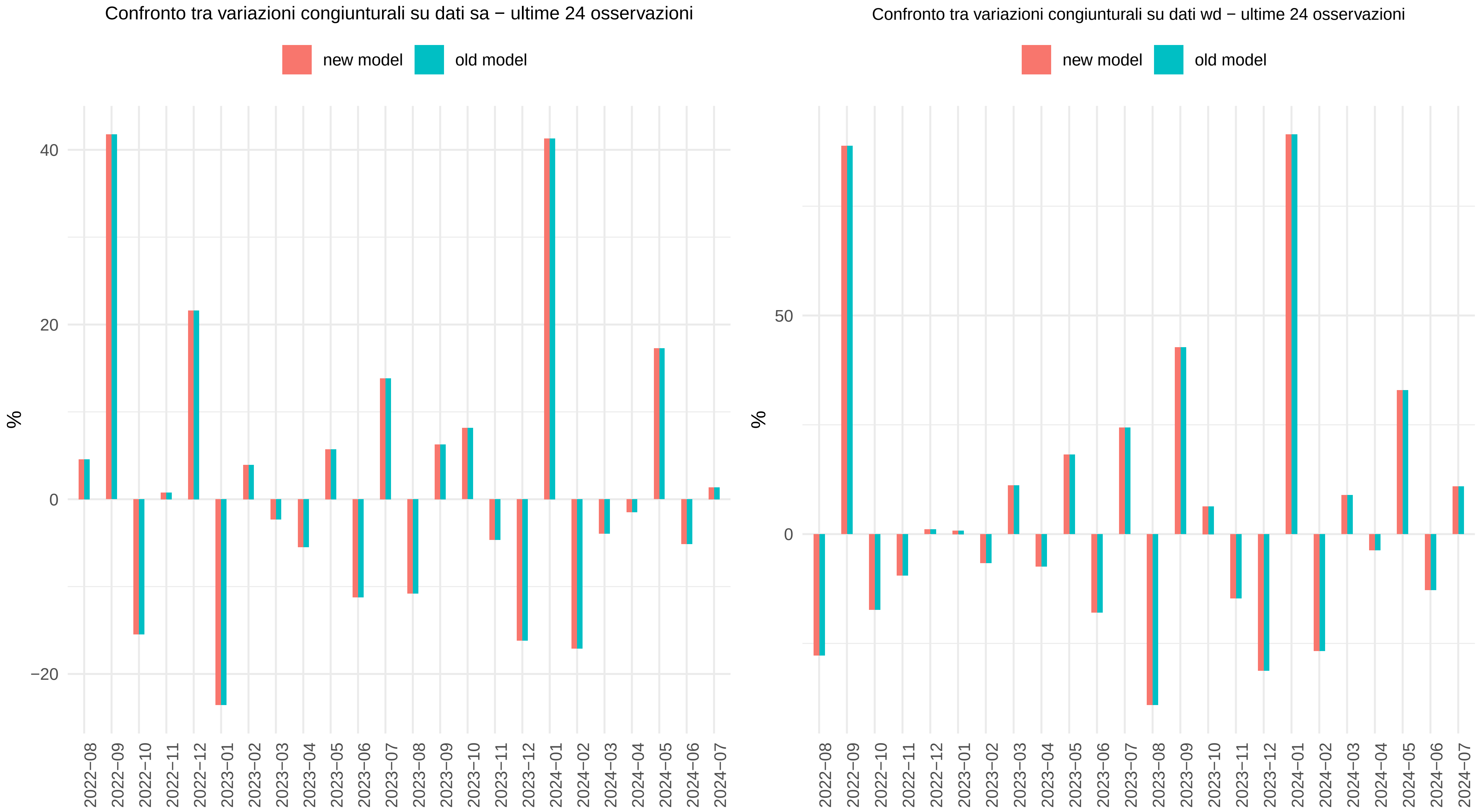
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


DIVID12
raw and wda
1200
1000
800
600
400
200
0
2005
2010
2015
2020
2025
raw and sa
1200
1000
800
600
400
200
0
2005
2010
2015
2020
2025
seasonality
130
120
110
100
90
80
70
2005
2010
2015
2020
2025
outliers
14
12
10
8
6
4
2
2005
2010
2015
2020
2025

DIVID12

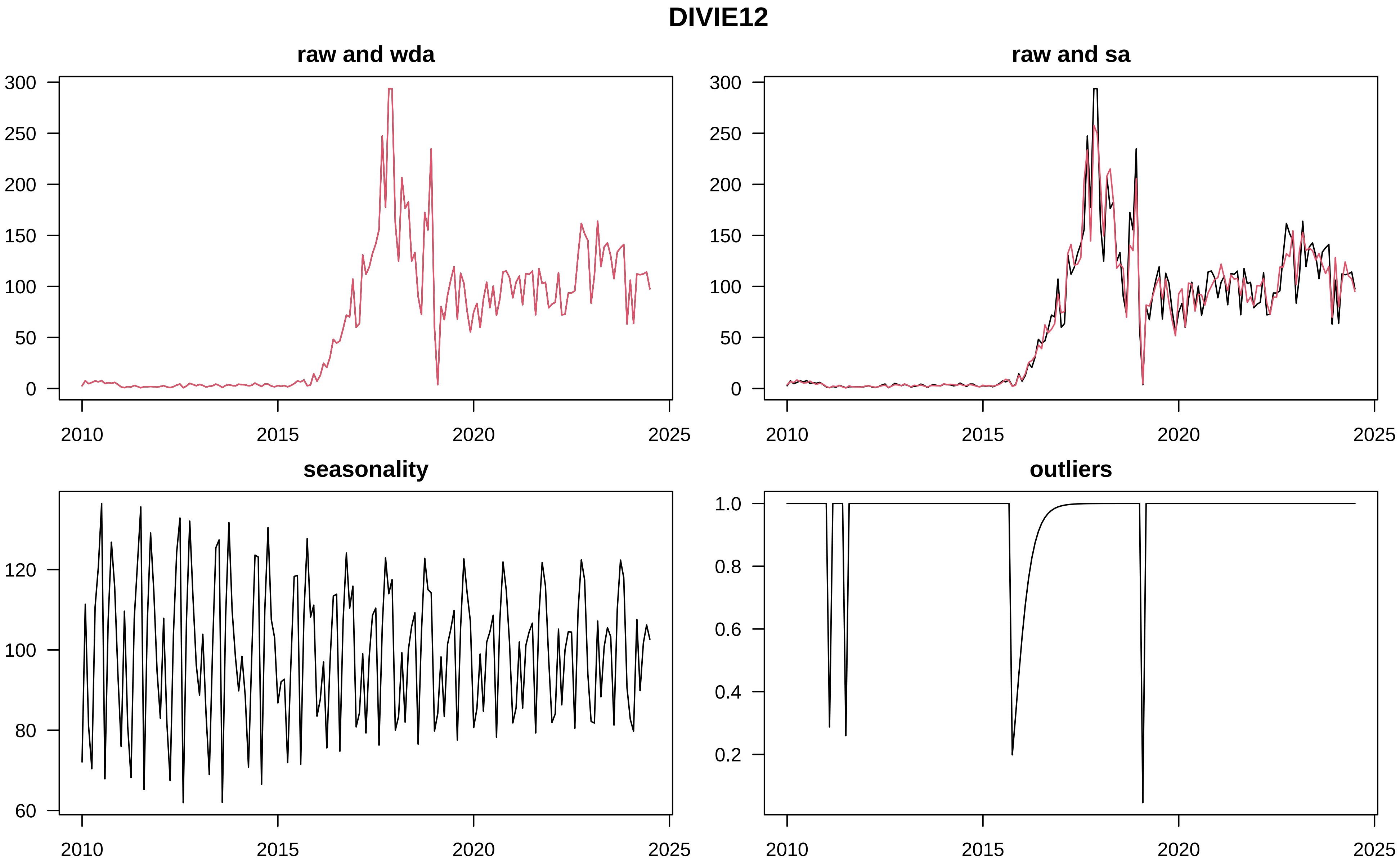

SI ratio
2.0
1.5
1.0
0.5
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+05
5e+04
1e+04
5e+03
1e+03
5e+02
1e+02
5e+01
0
1
2
3
4
5
6
raw series
sa series

DIVID12

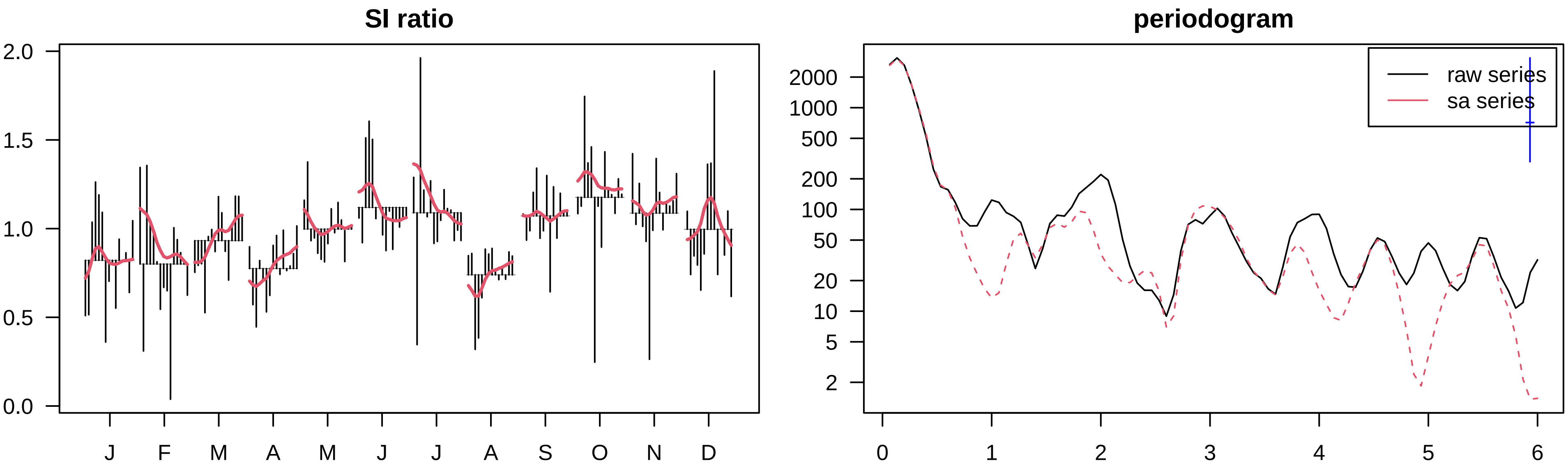


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

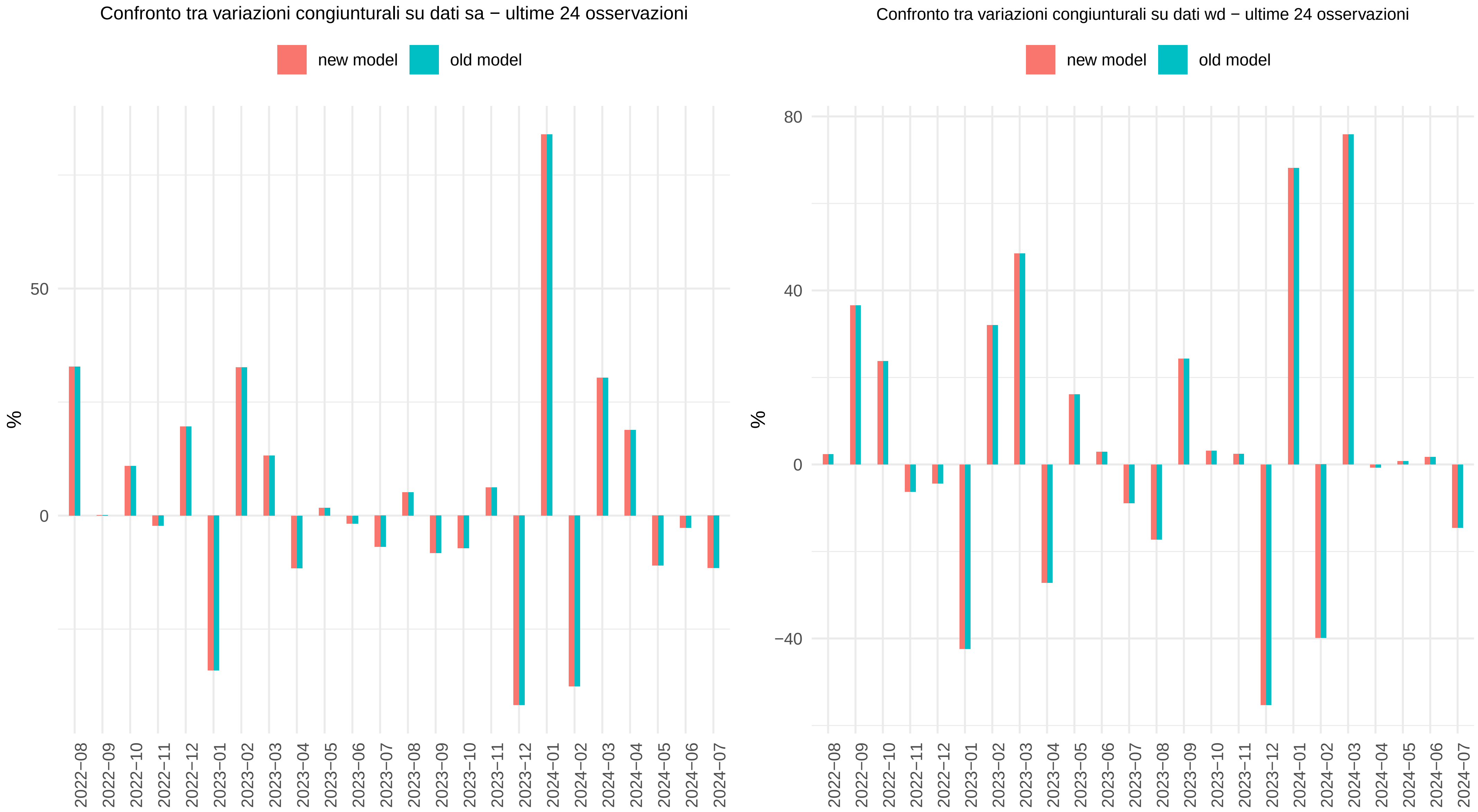
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni


DIVIE12
raw and wda
raw and sa
seasonality
outliers
0
50
100
150
200
250
300
60
80
100
120
0.2
0.4
0.6
0.8
1.0
2010
2015
2020
2025

DIVIE12


SI ratio
2.0
1.5
1.0
0.5
0.0
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
2000
1000
500
200
100
50
20
10
5
2
0
1
2
3
4
5
6

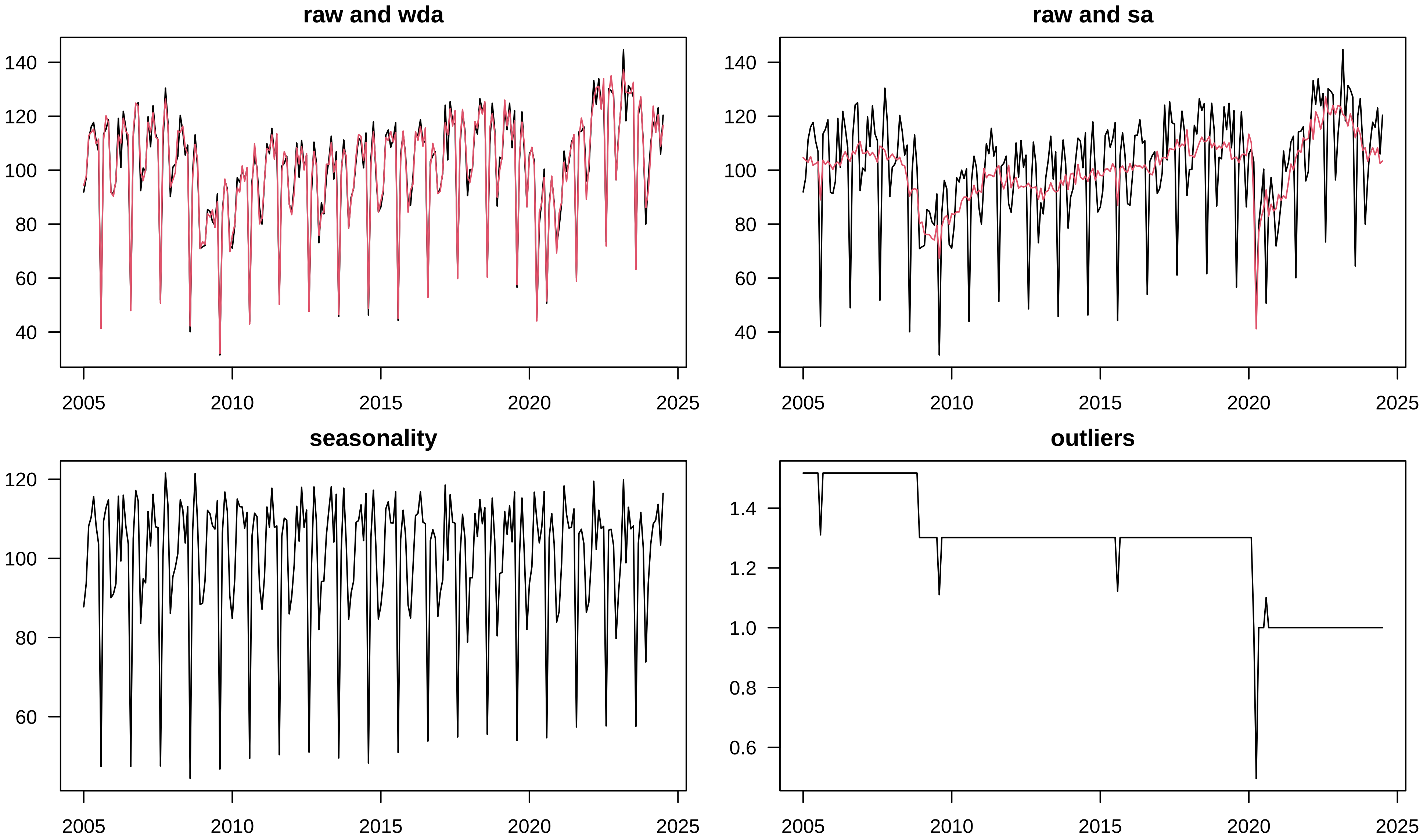
DIVIE12



Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

DIVIZ13


raw and wda
140
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
120
100
80
60
2005
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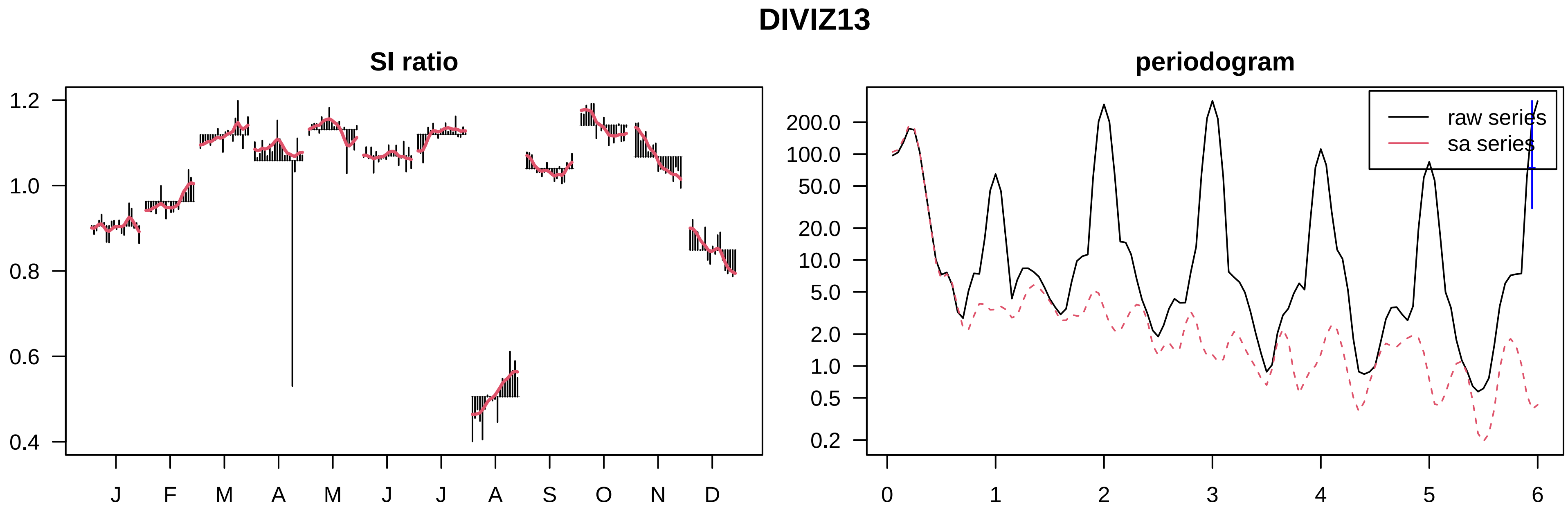
2020
2025
outliers
1.4
1.2
1.0
0.8
0.6
2005
2010
2015
2020
2025

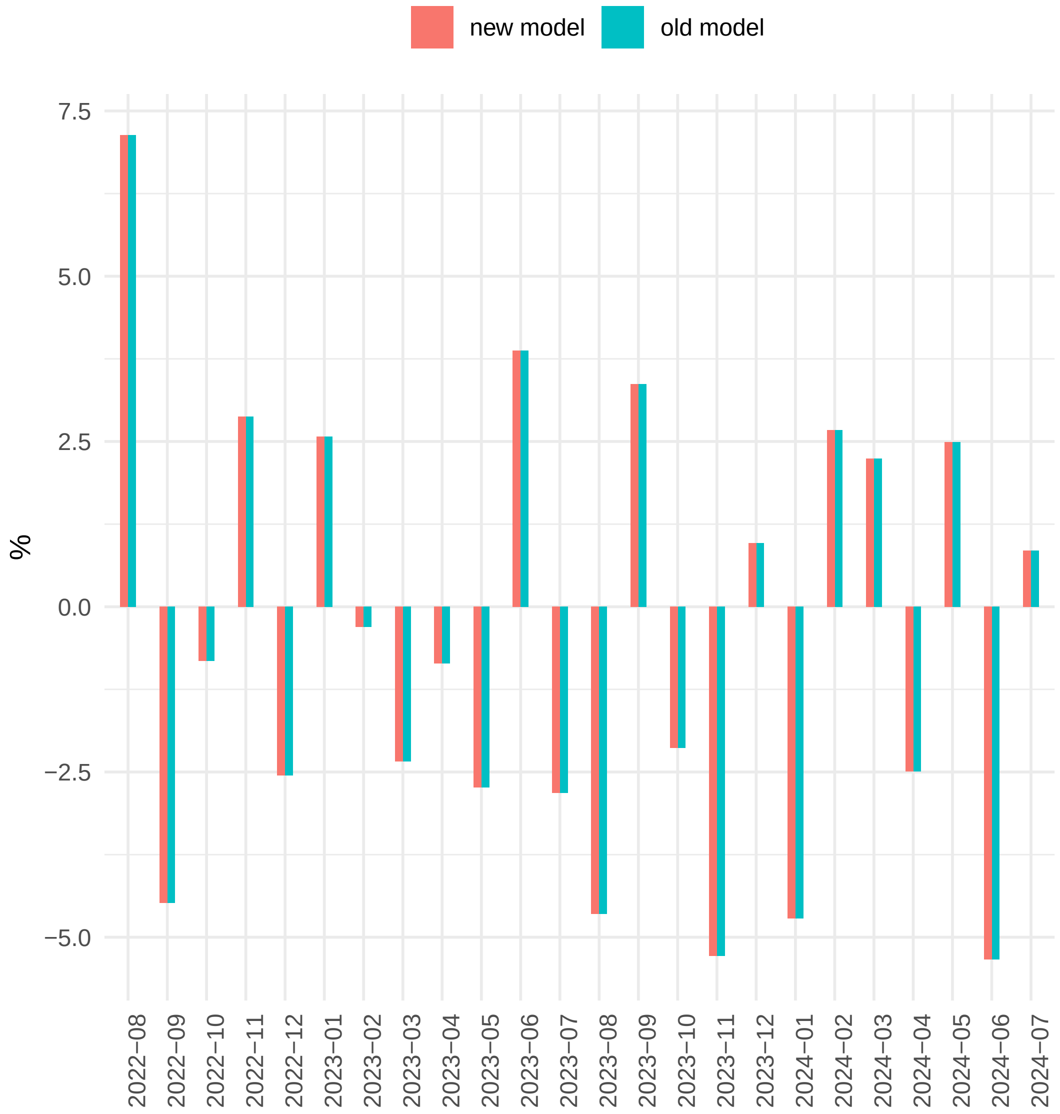


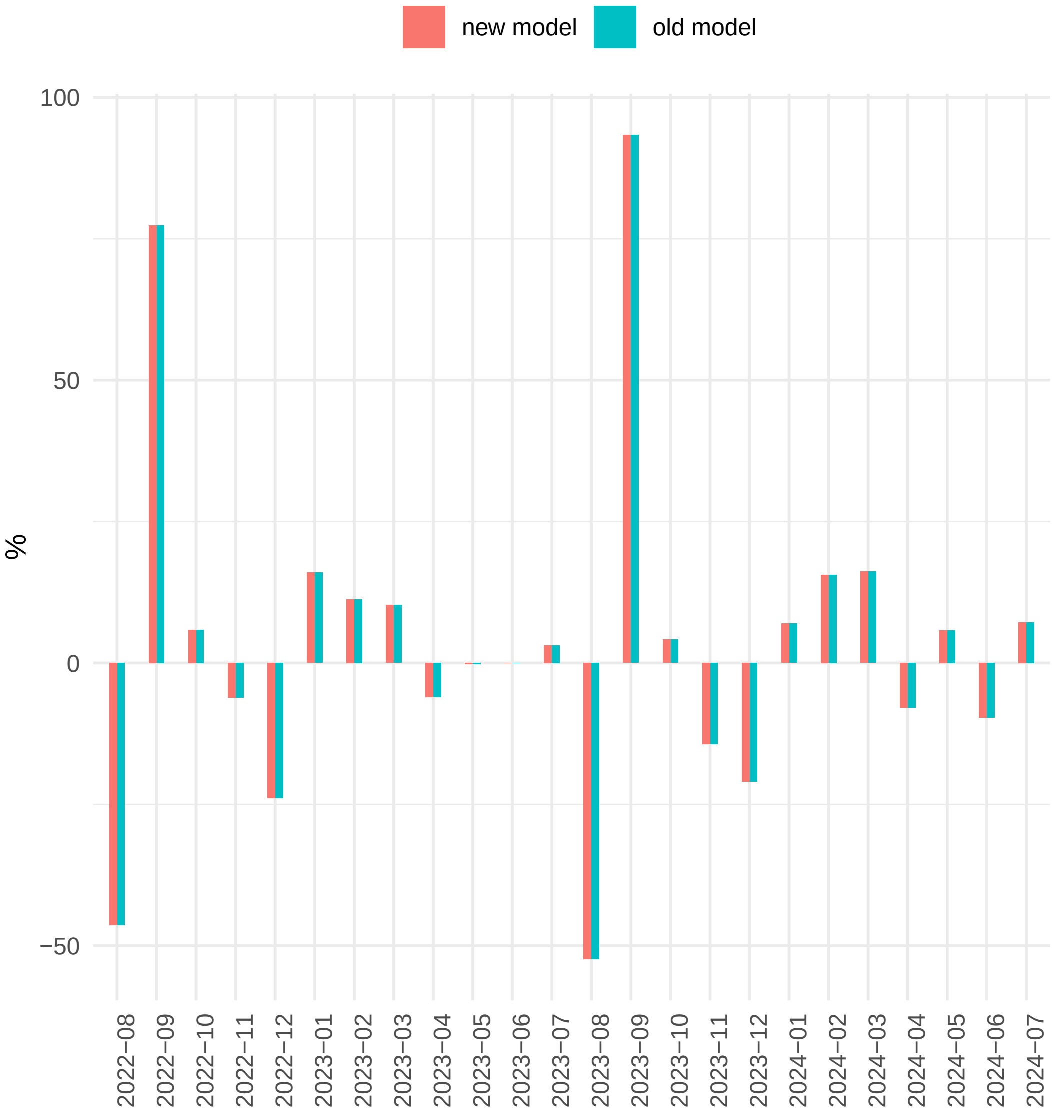
DIVIZ13

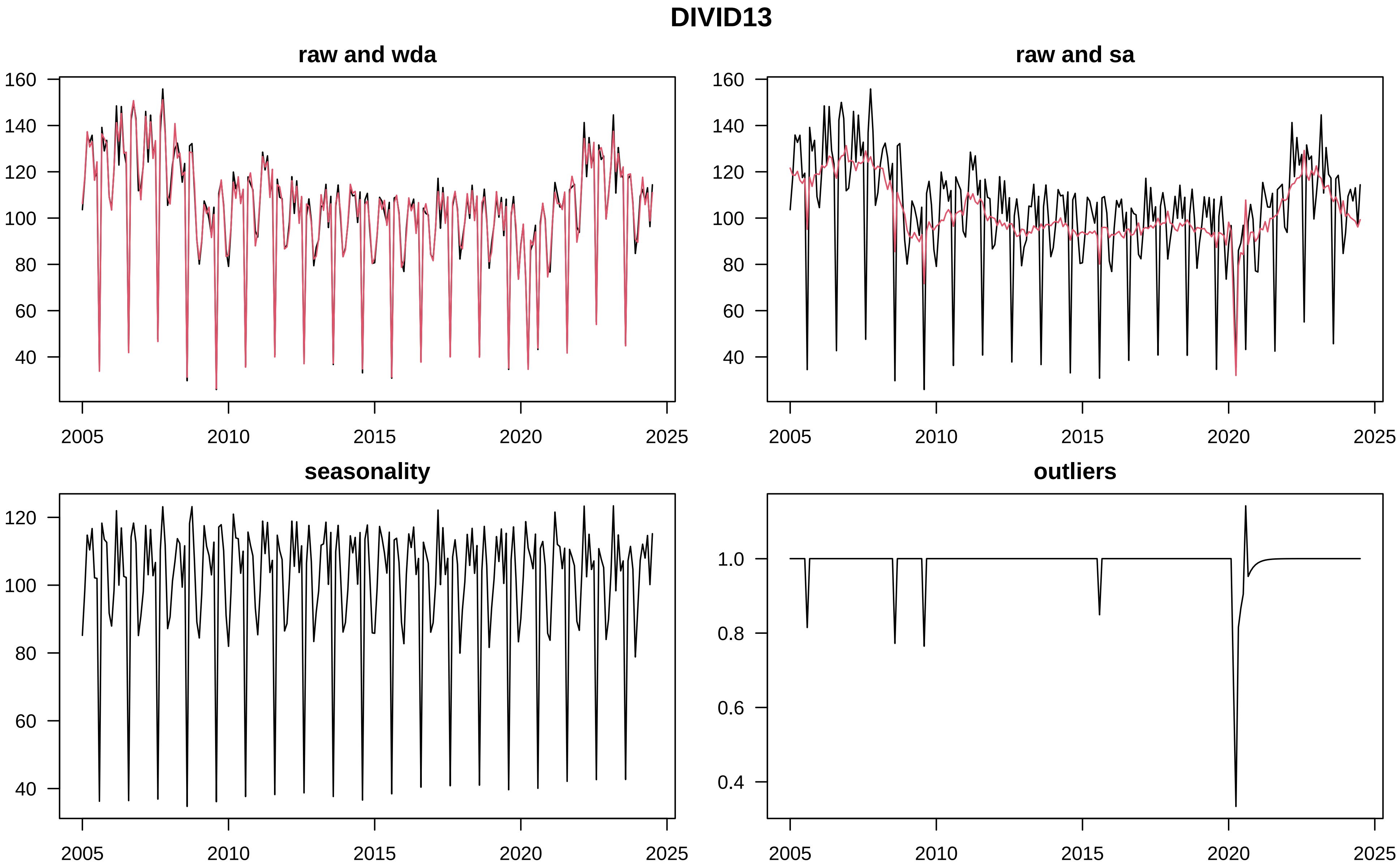
SI ratio

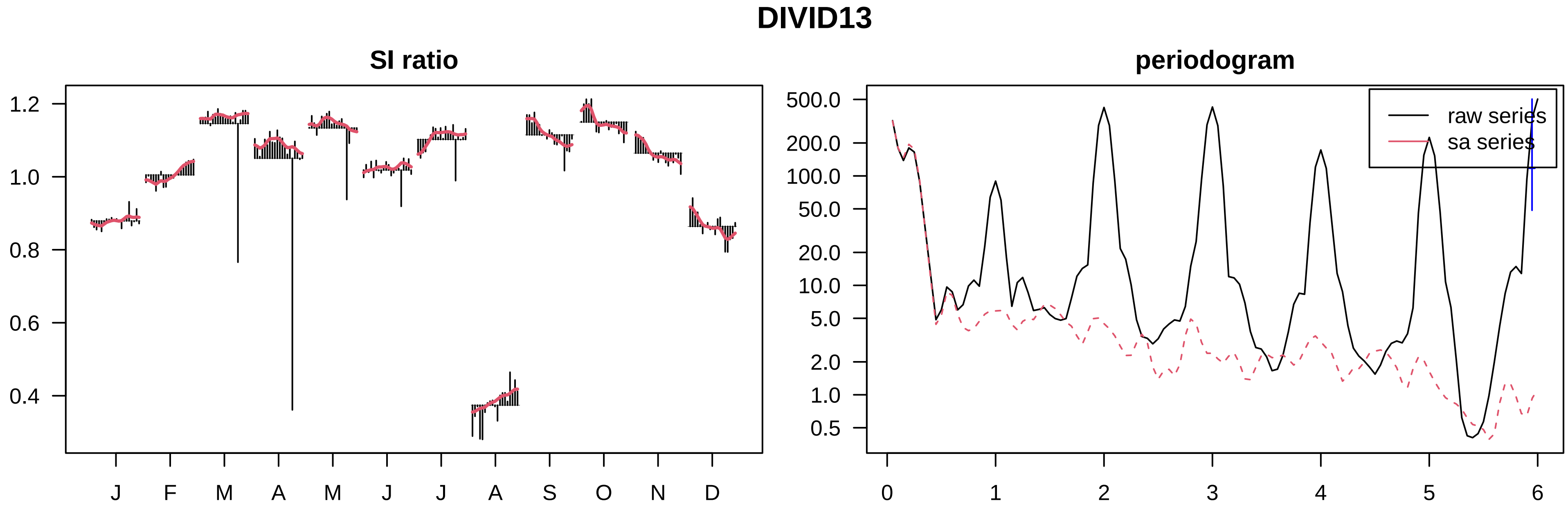
periodogram

DIVIZ13

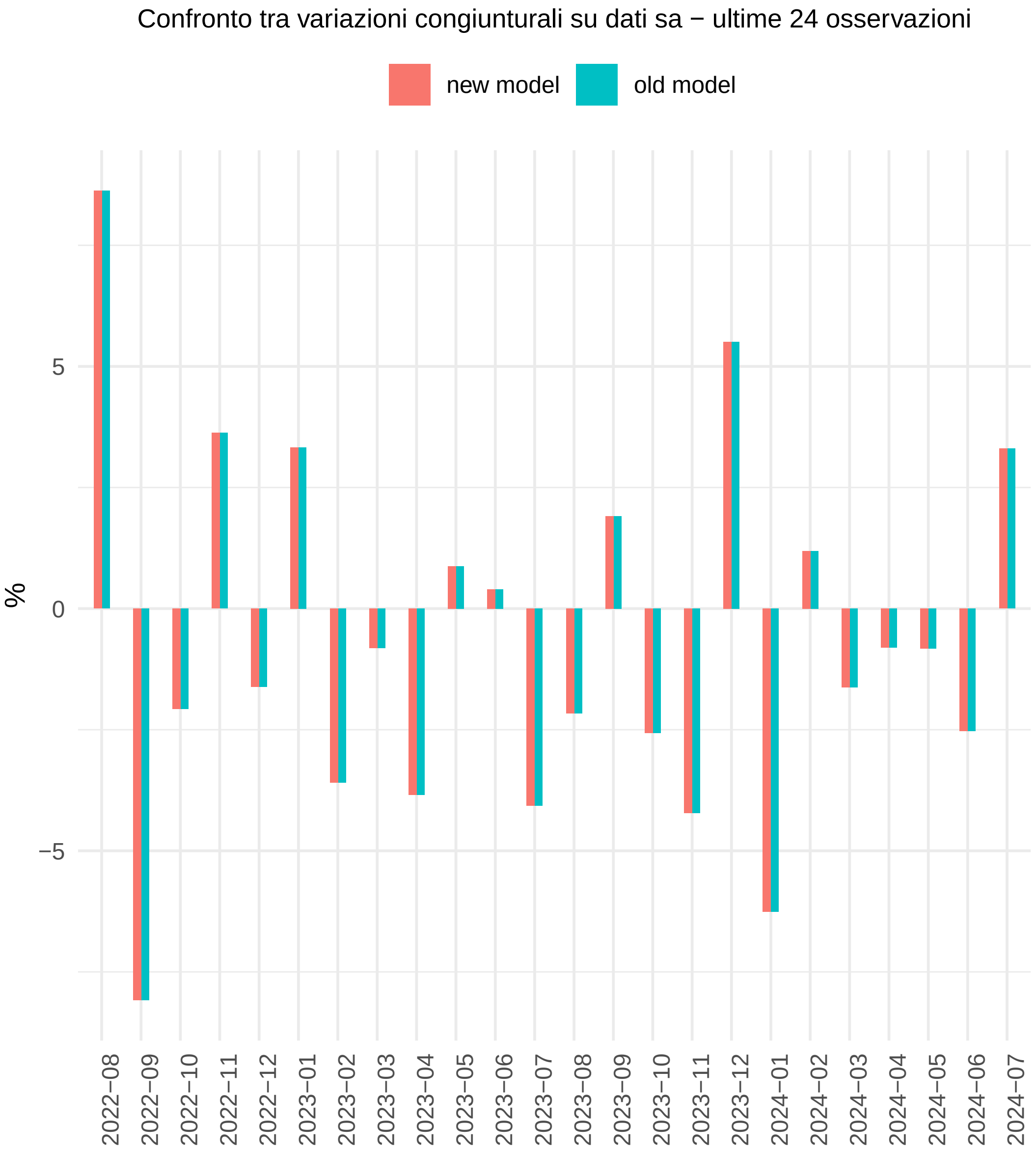

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni


DIVID13
raw and wda
raw and sa
seasonality
outliers
160
140
120
100
80
60
40
0.4
0.6
0.8
1.0
2005
2010
2015
2020
2025


DIVID13
SI ratio
1.2
1.0
0.8
0.6
0.4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0
1
2
3
4
5
6
raw series
sa series

DIVID13


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
5
0
−5
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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2024−02
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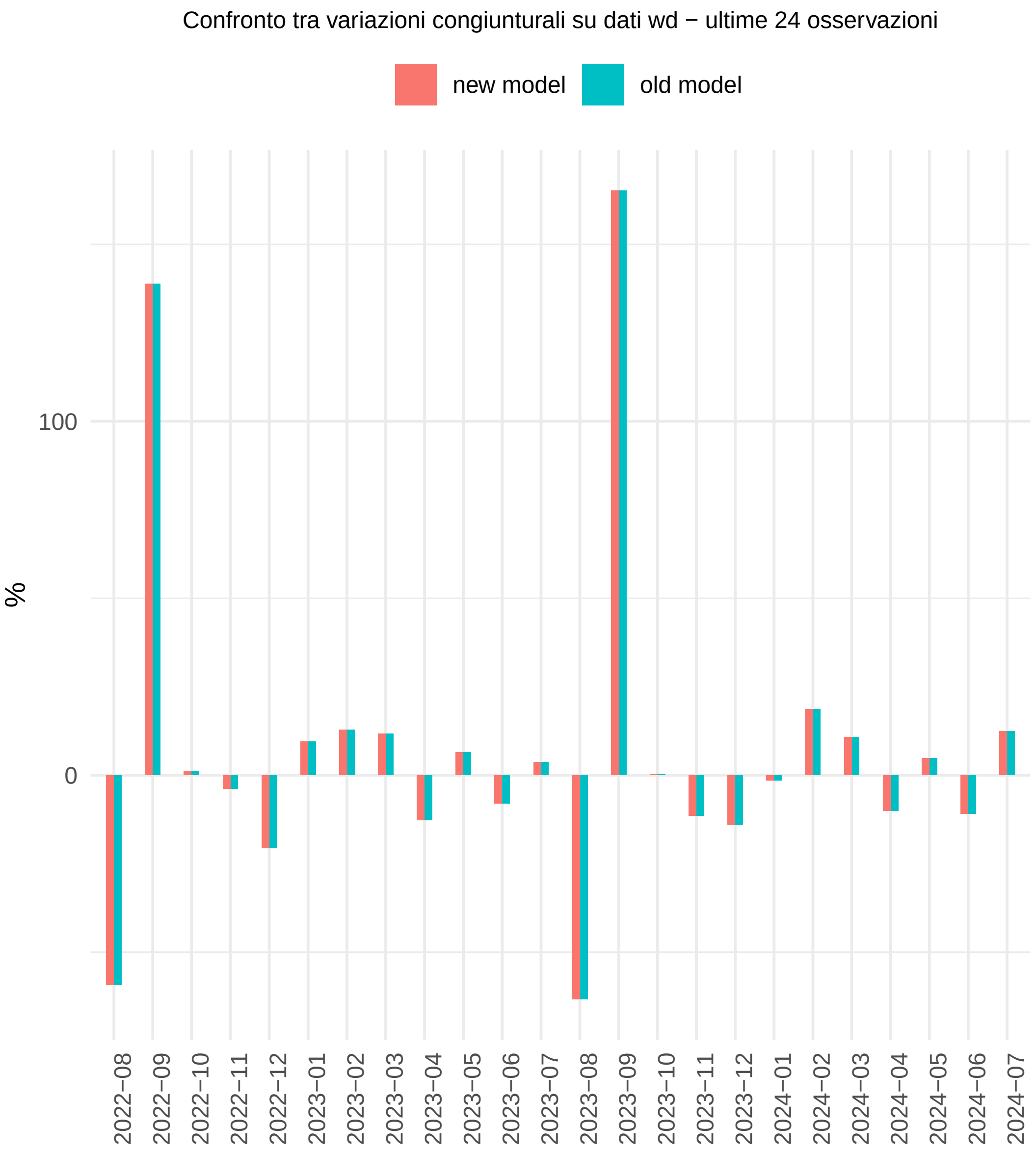
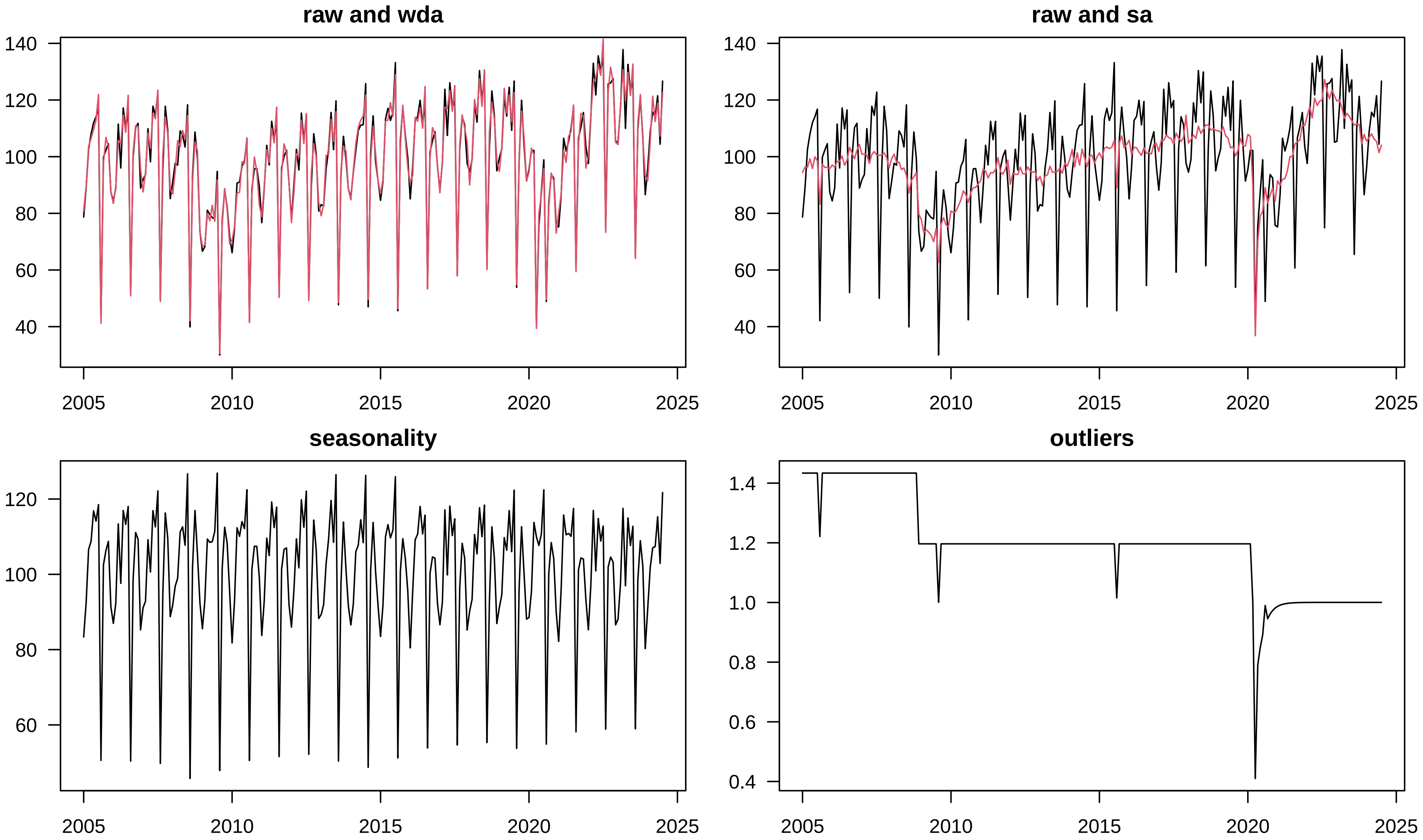
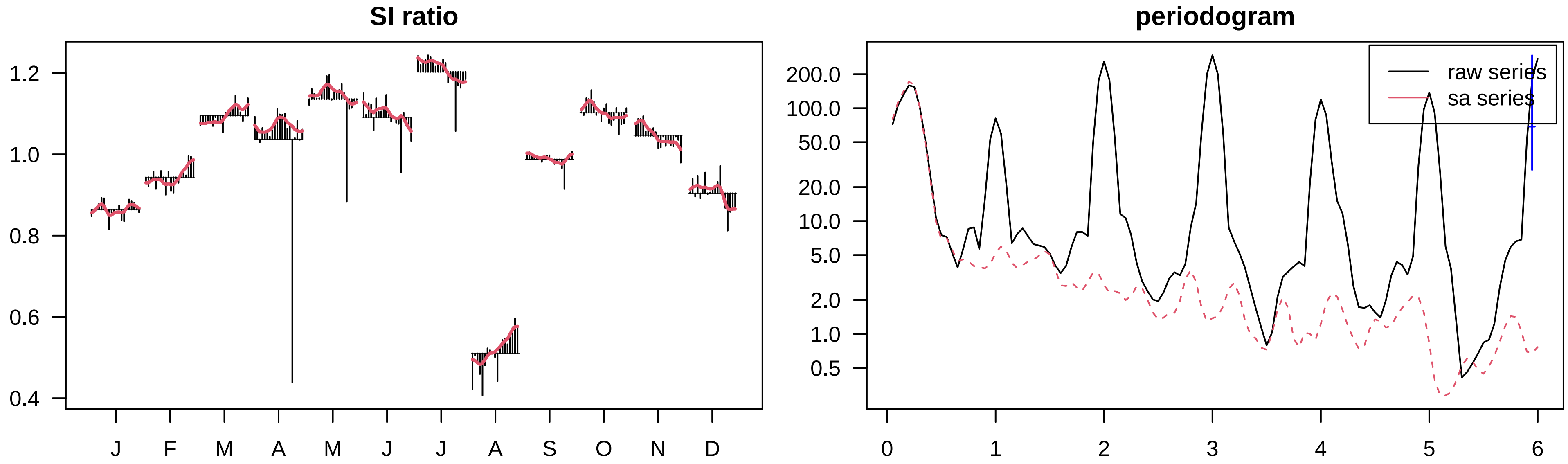
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
100
0
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

DIVIE13

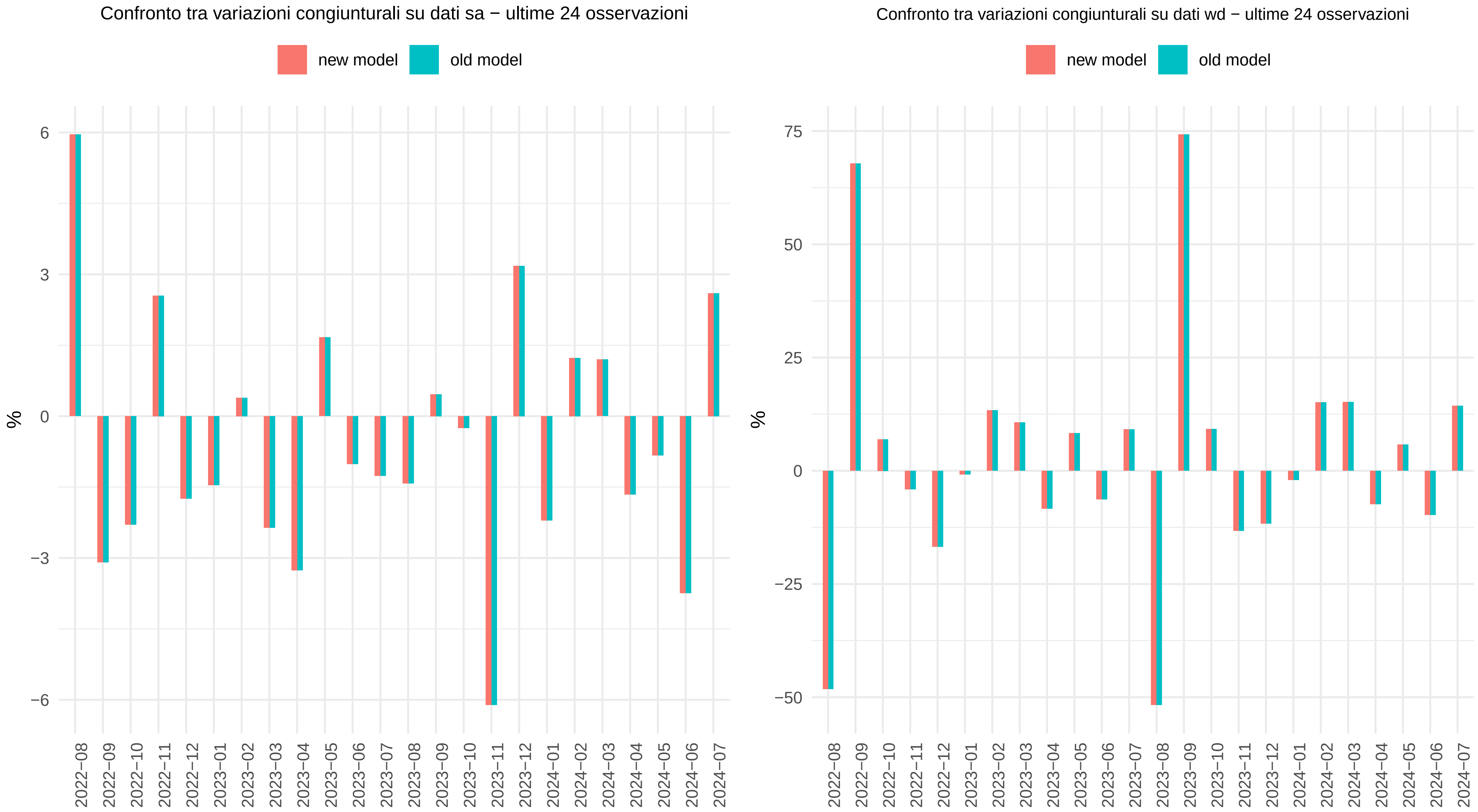

raw and wda
raw and sa
seasonality
outliers
140
120
100
80
60
40
2005
2010
2015
2020
2025
1.4
1.2
1.0
0.8
0.6
0.4

DIVIE13


SI ratio

periodogram

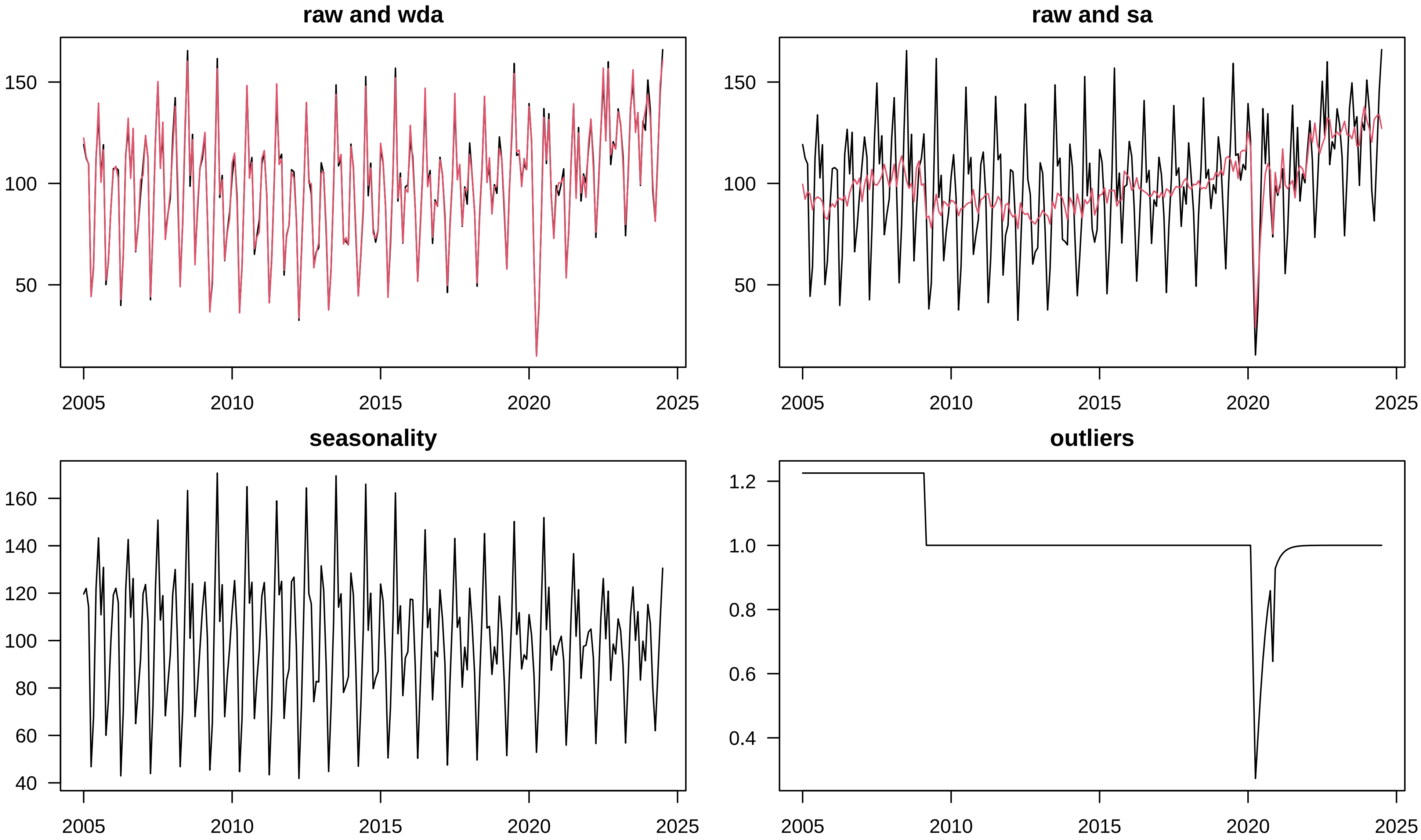
DIVIE13

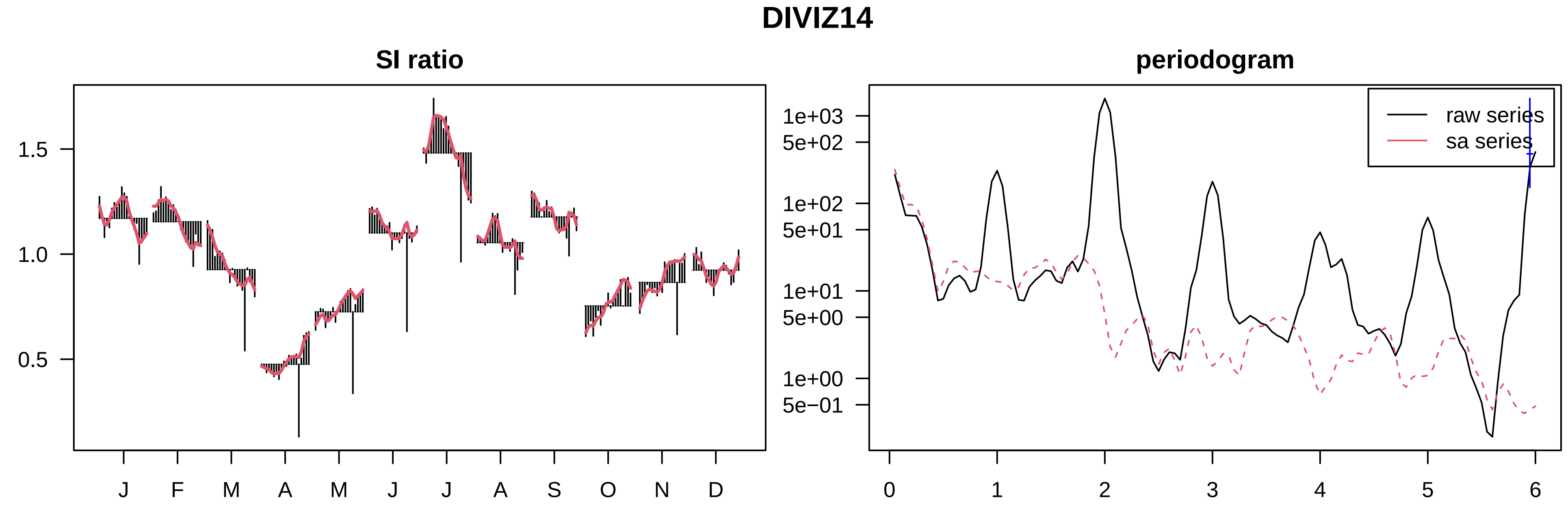


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

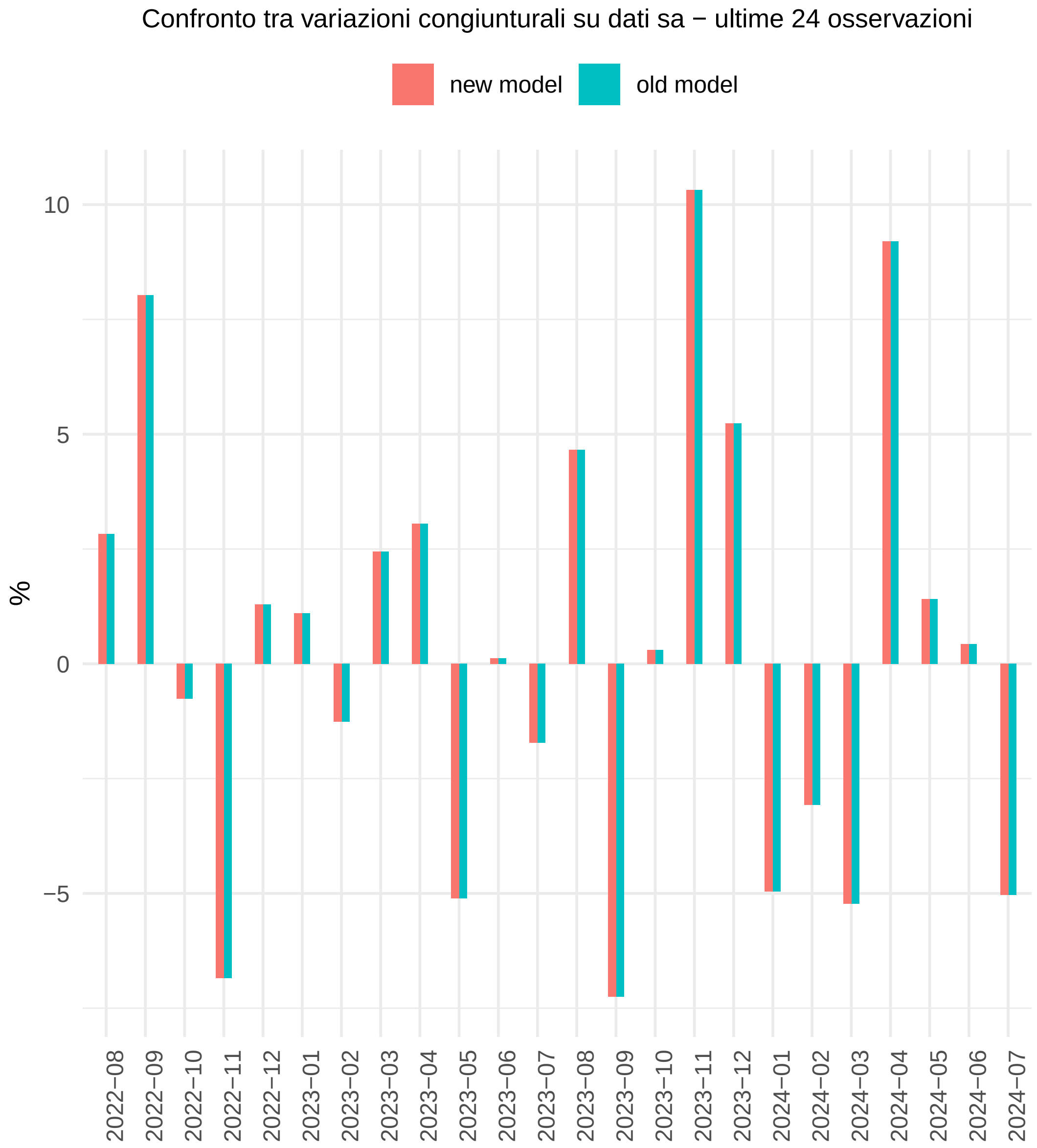
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

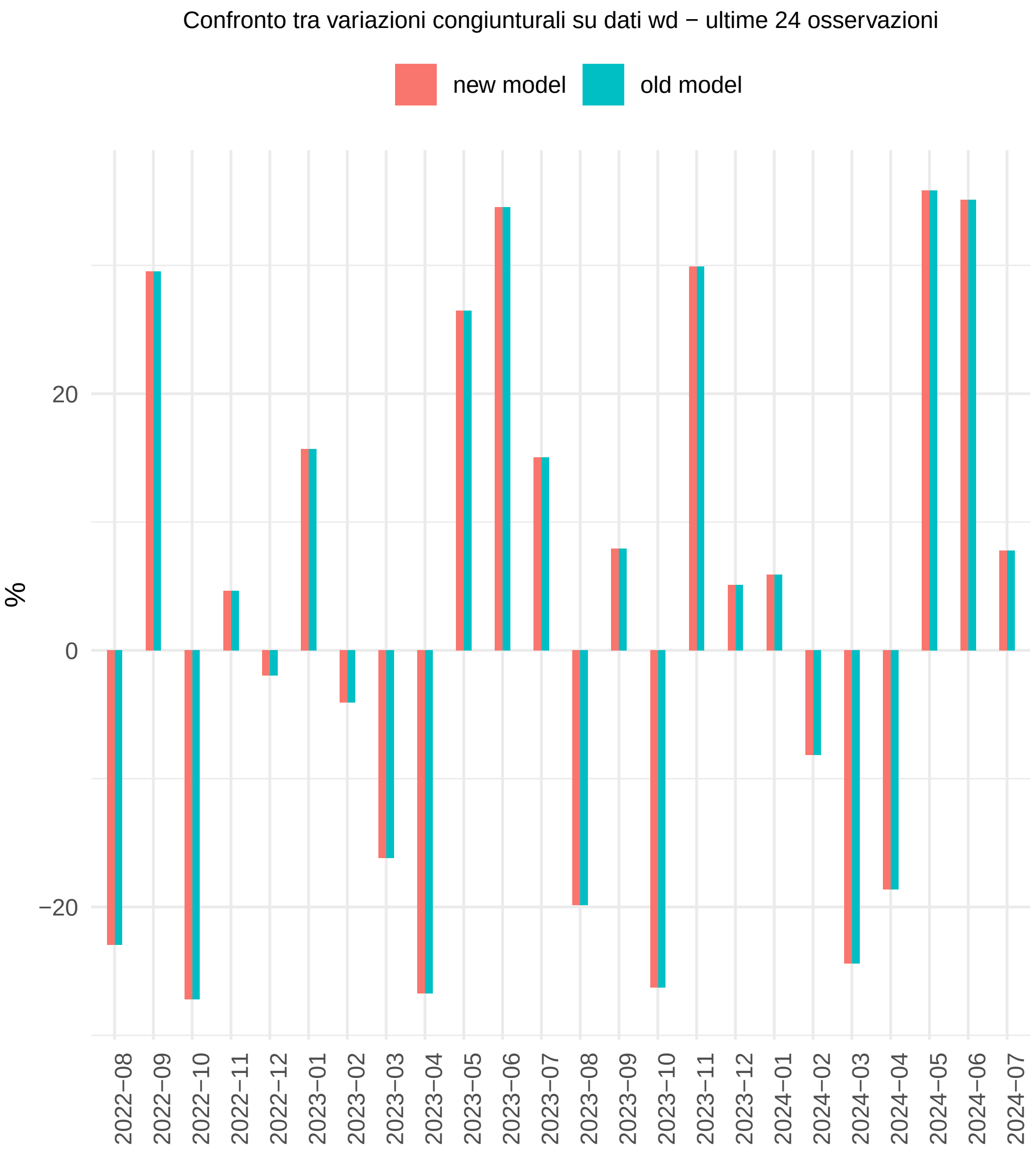
DIVIZ14


raw and wda
150
100
50
2005
2010
2015
2020
2025
raw and sa
150
100
50
2005
2010
2015
2020
2025
seasonality
160
140
120
100
80
60
40
2005
2010
2015
2020
2025
outliers
1.2
1.0
0.8
0.6
0.4
2005
2010
2015
2020
2025

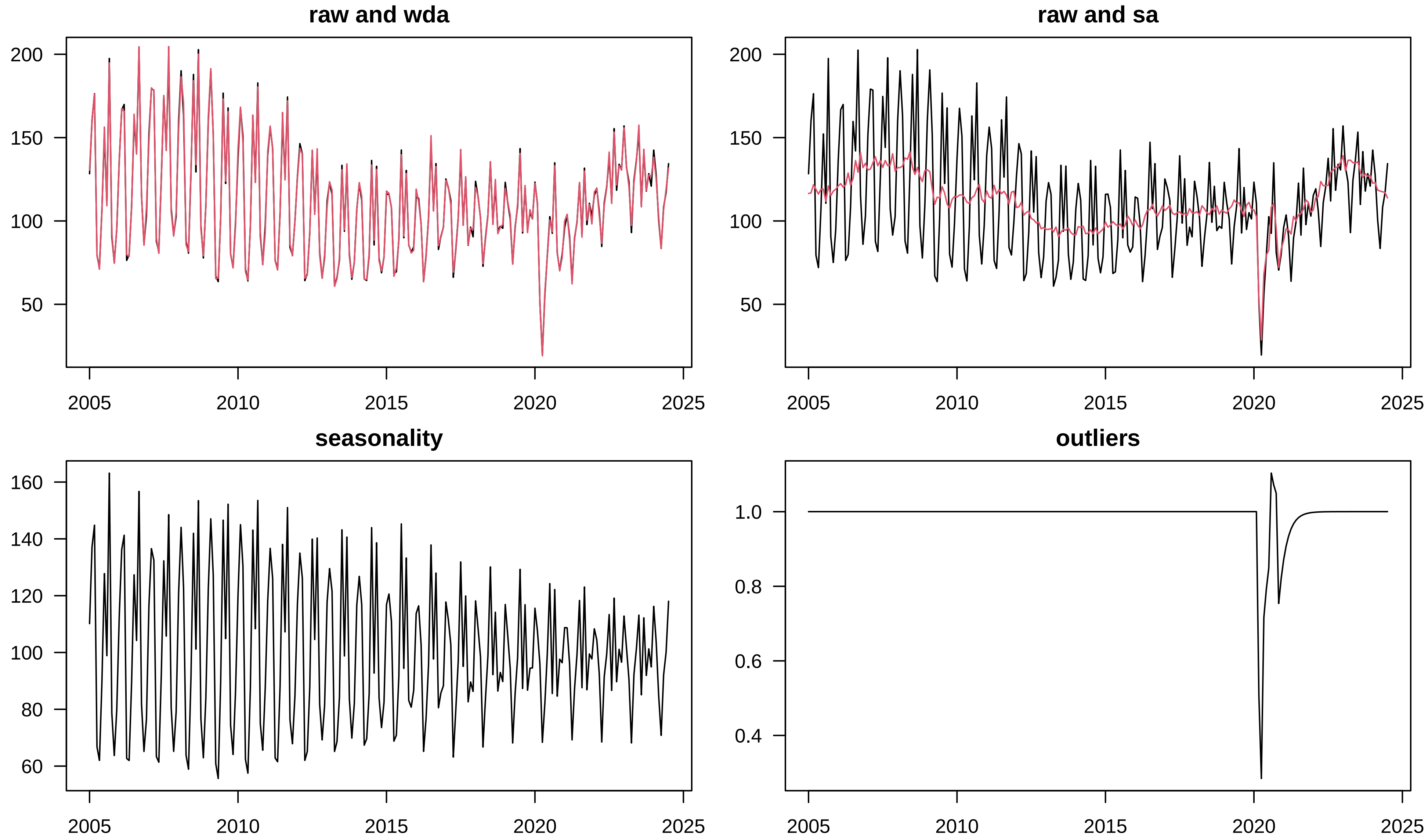

DIVIZ14
SI ratio
1.5
1.0
0.5
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+03
5e+02
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
0
1
2
3
4
5
6
raw series
sa series

DIVIZ14

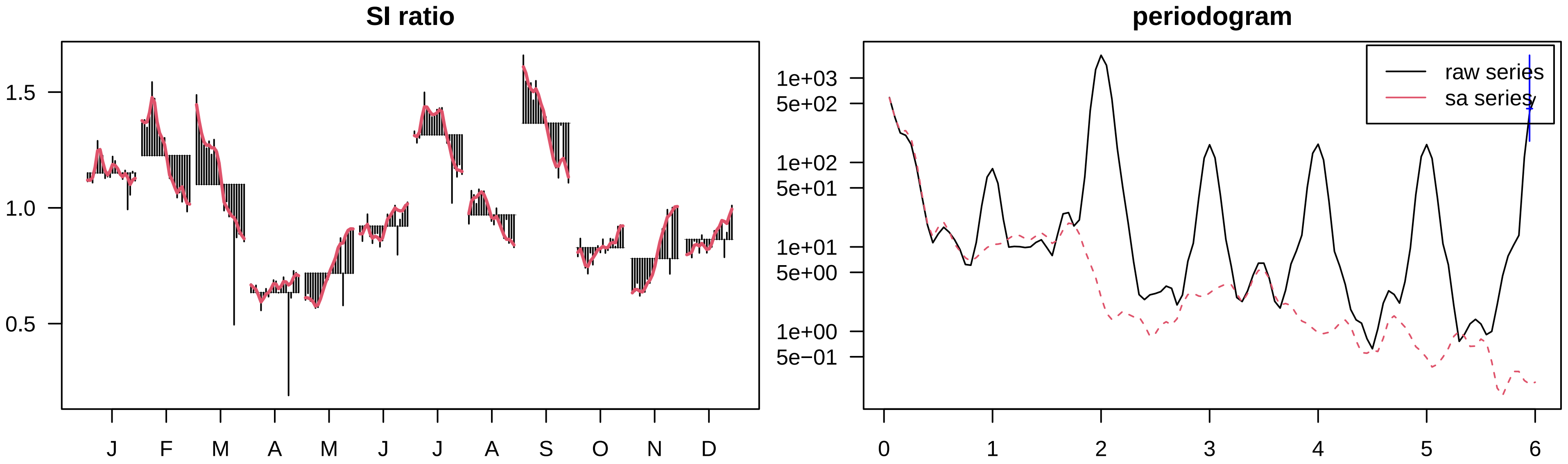

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
10
5
0
−5
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
20
0
−20
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

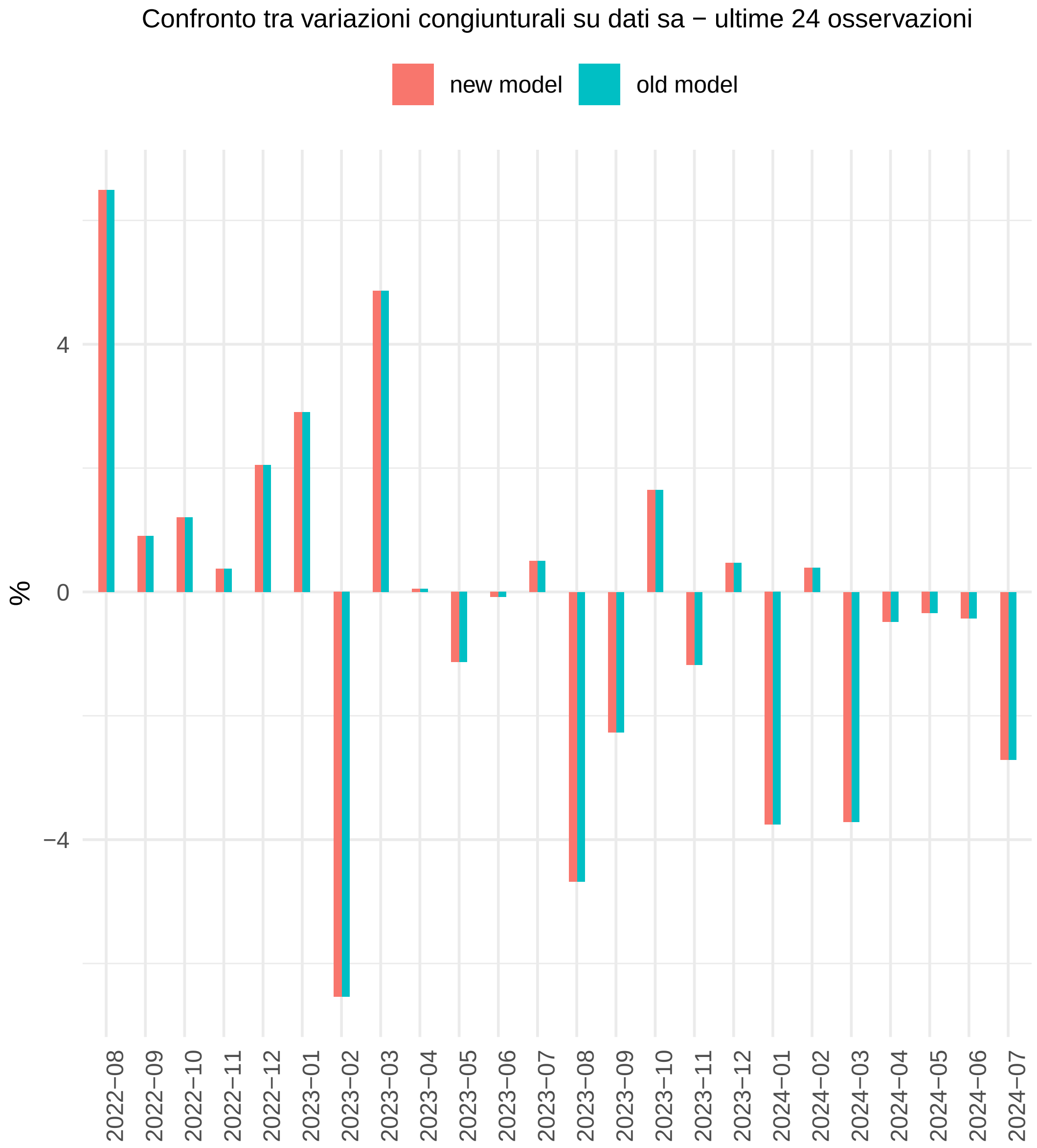
DIVID14

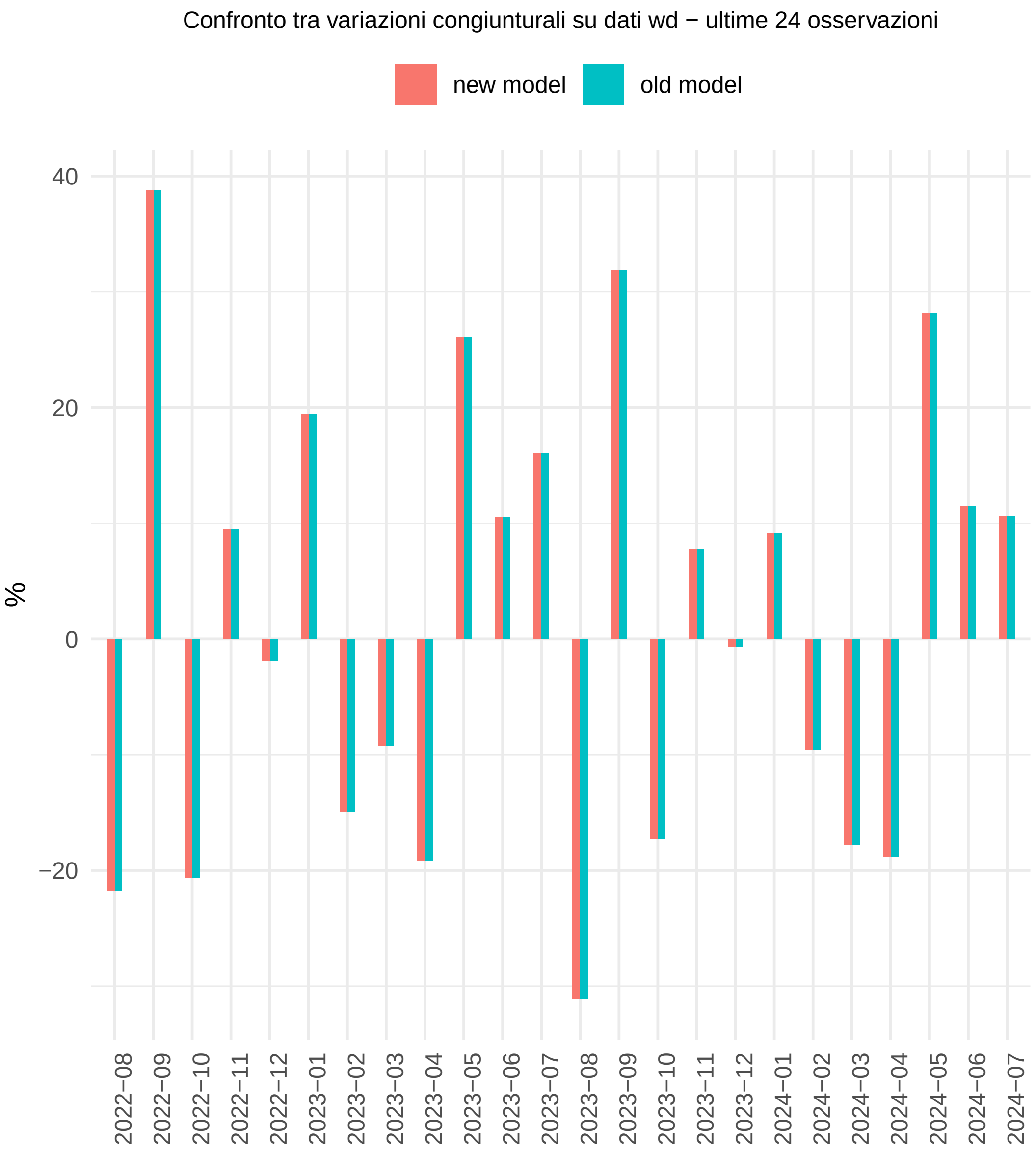

raw and wda
200
150
100
50
2005
2010
2015
2020
2025
raw and sa
200
150
100
50
2005
2010
2015
2020
2025
seasonality
160
140
120
100
80
60
2005
2010
2015
2020
2025
outliers
1.0
0.8
0.6
0.4
2005
2010
2015
2020
2025

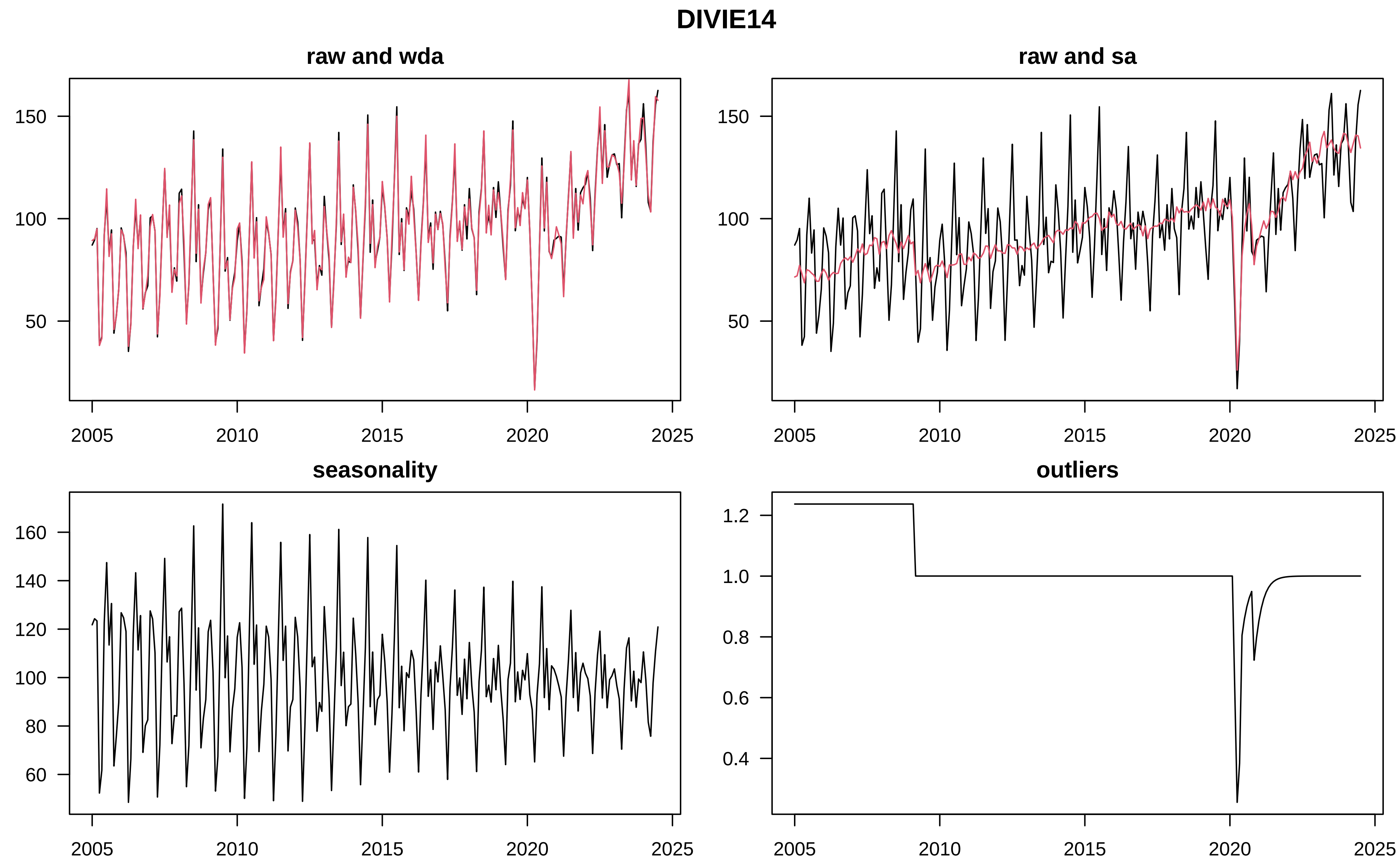
DIVID14


SI ratio
1.5
1.0
0.5
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+03
5e+02
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
0
1
2
3
4
5
6
raw series
sa series

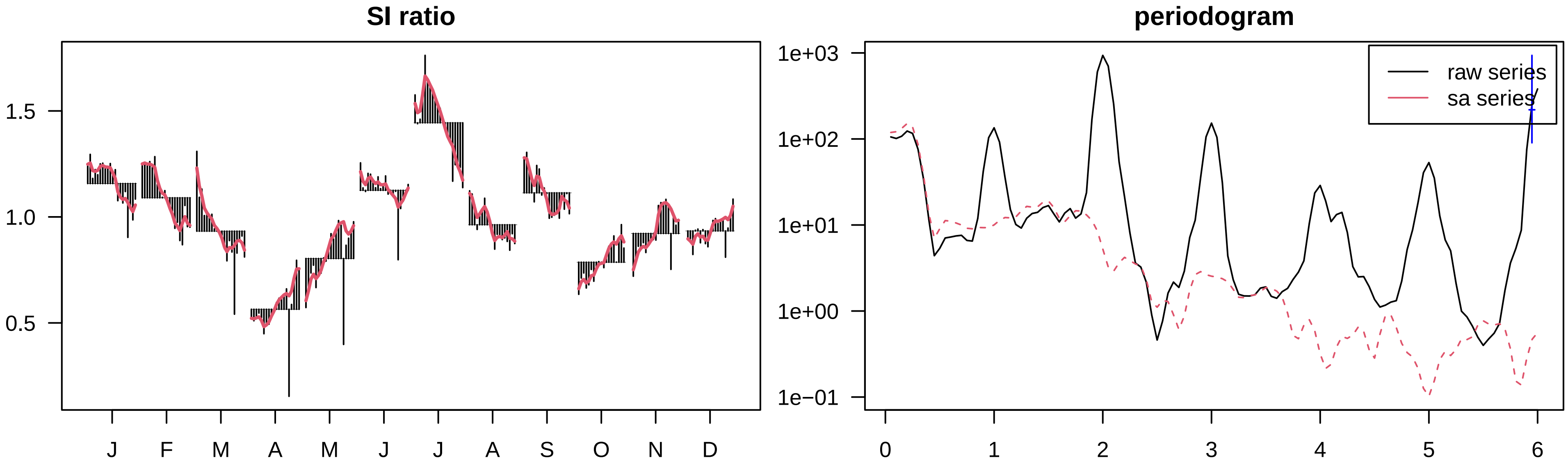
DIVID14


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

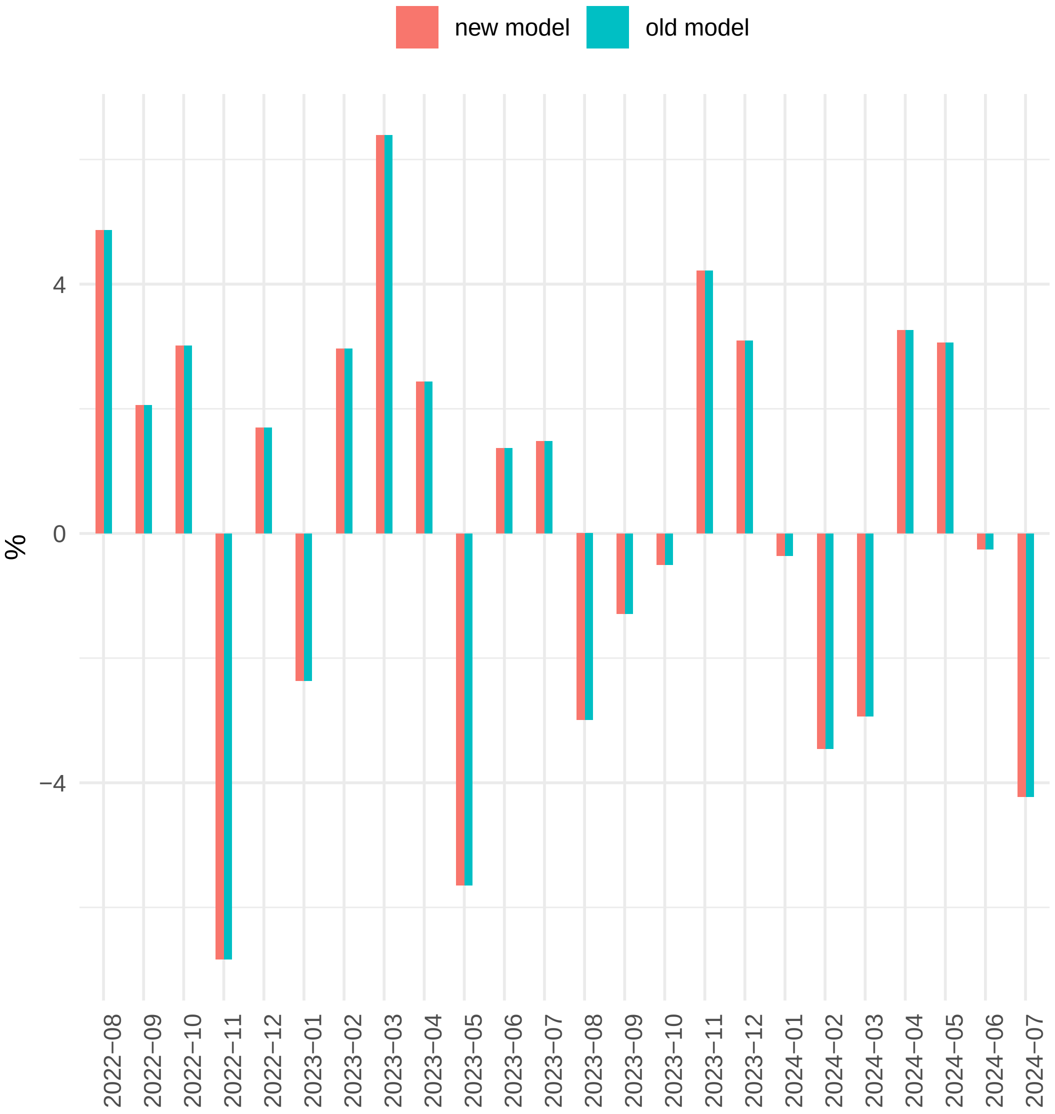

Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

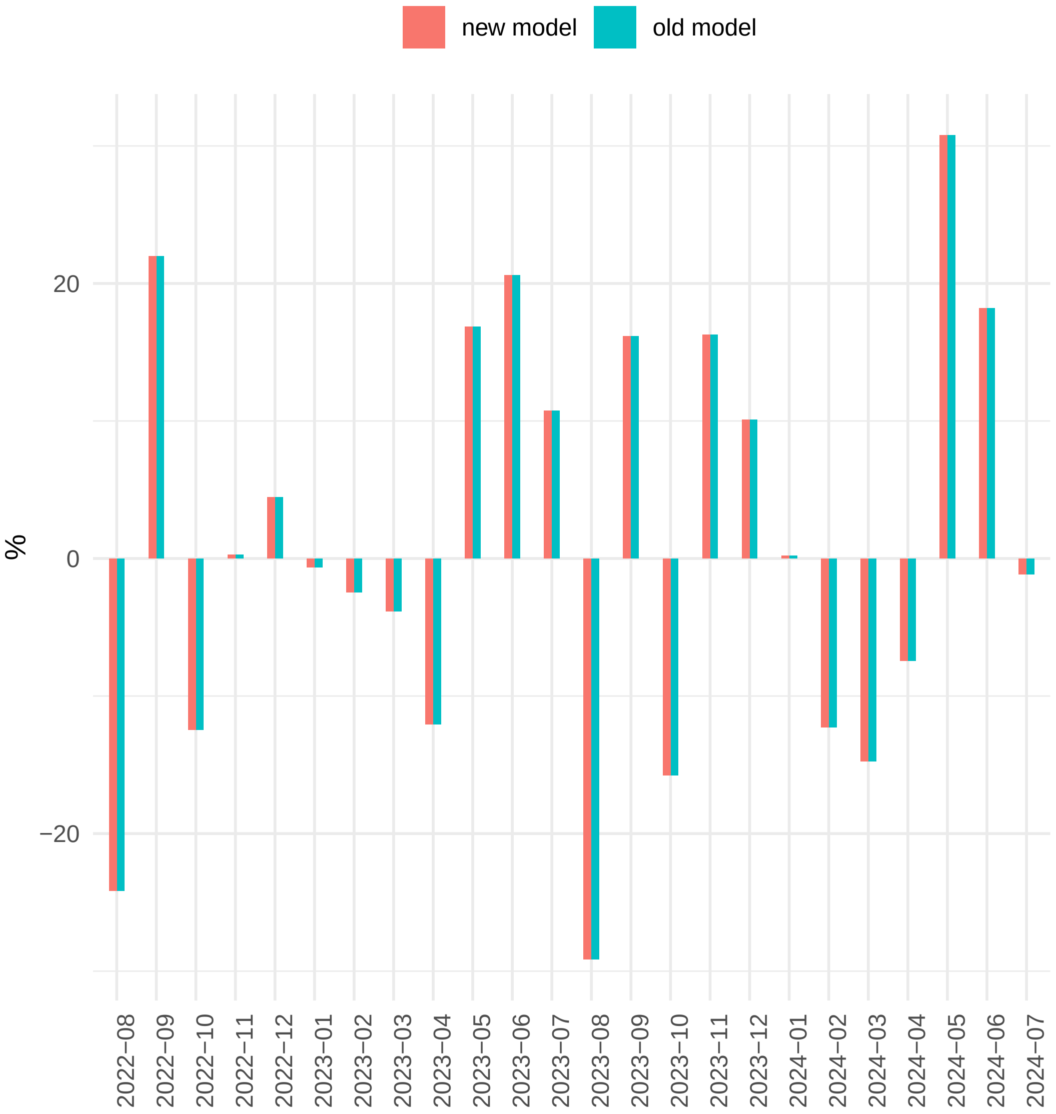

DIVIE14
raw and wda
raw and sa
seasonality
outliers
150
100
50
160
140
120
100
80
60
1.2
1.0
0.8
0.6
0.4
2005
2010
2015
2020
2025

DIVIE14

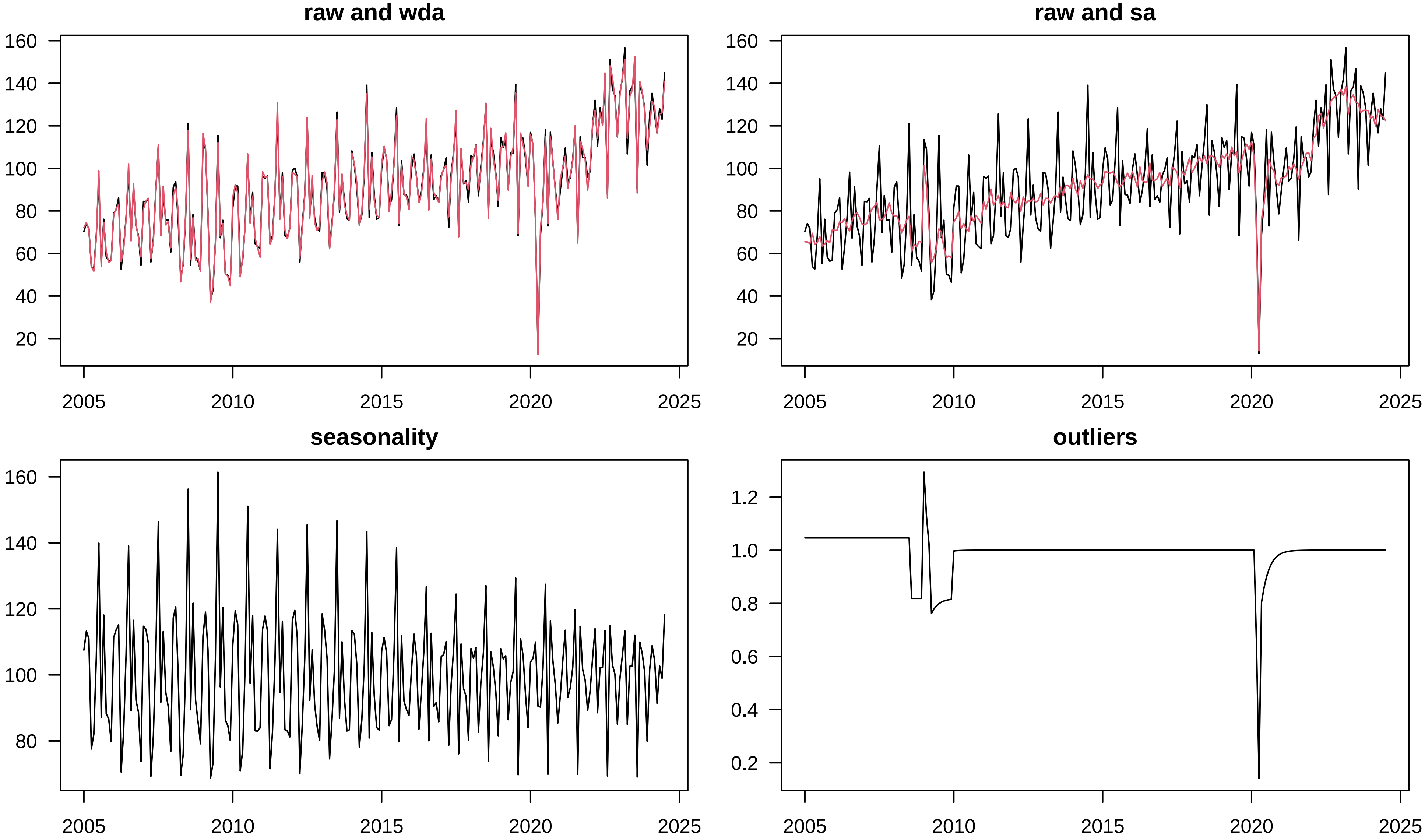

SI ratio
1.5
1.0
0.5
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+03
1e+02
1e+01
1e+00
1e−01
0
1
2
3
4
5
6
raw series
sa series

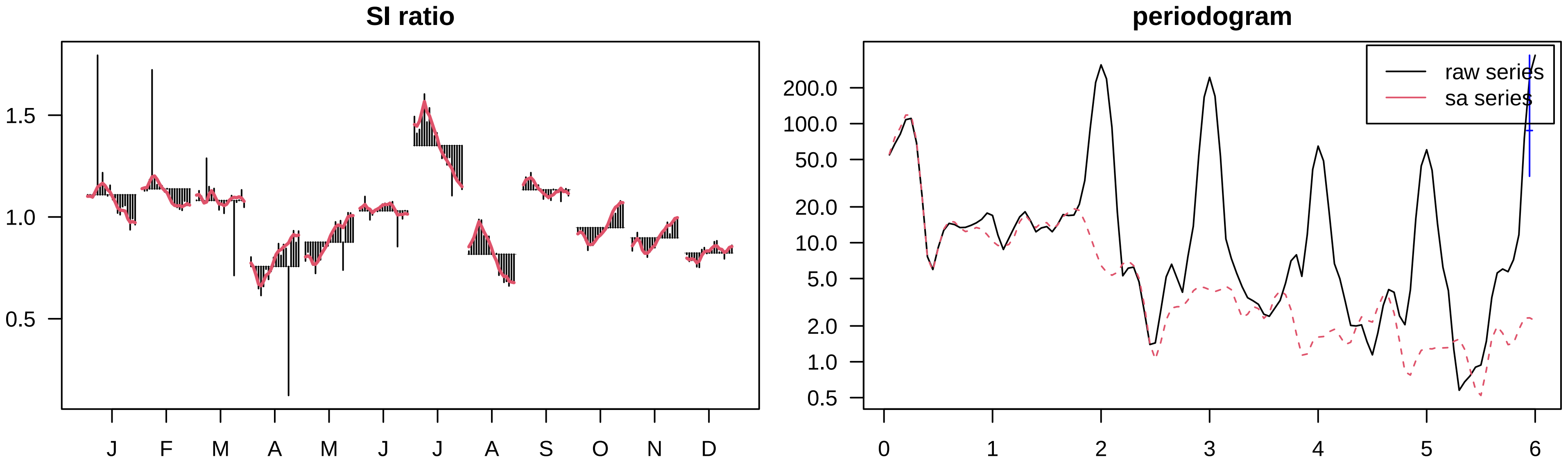
DIVIE14


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

DIVIZ15


raw and wda
160
140
120
100
80
60
40
20
2005
2010
2015
2020
2025
raw and sa
160
140
120
100
80
60
40
20
2005
2010
2015
2020
2025
seasonality
160
140
120
100
80
2005
2010
2015
2020
2025
outliers
1.2
1.0
0.8
0.6
0.4
0.2
2005
2010
2015
2020
2025

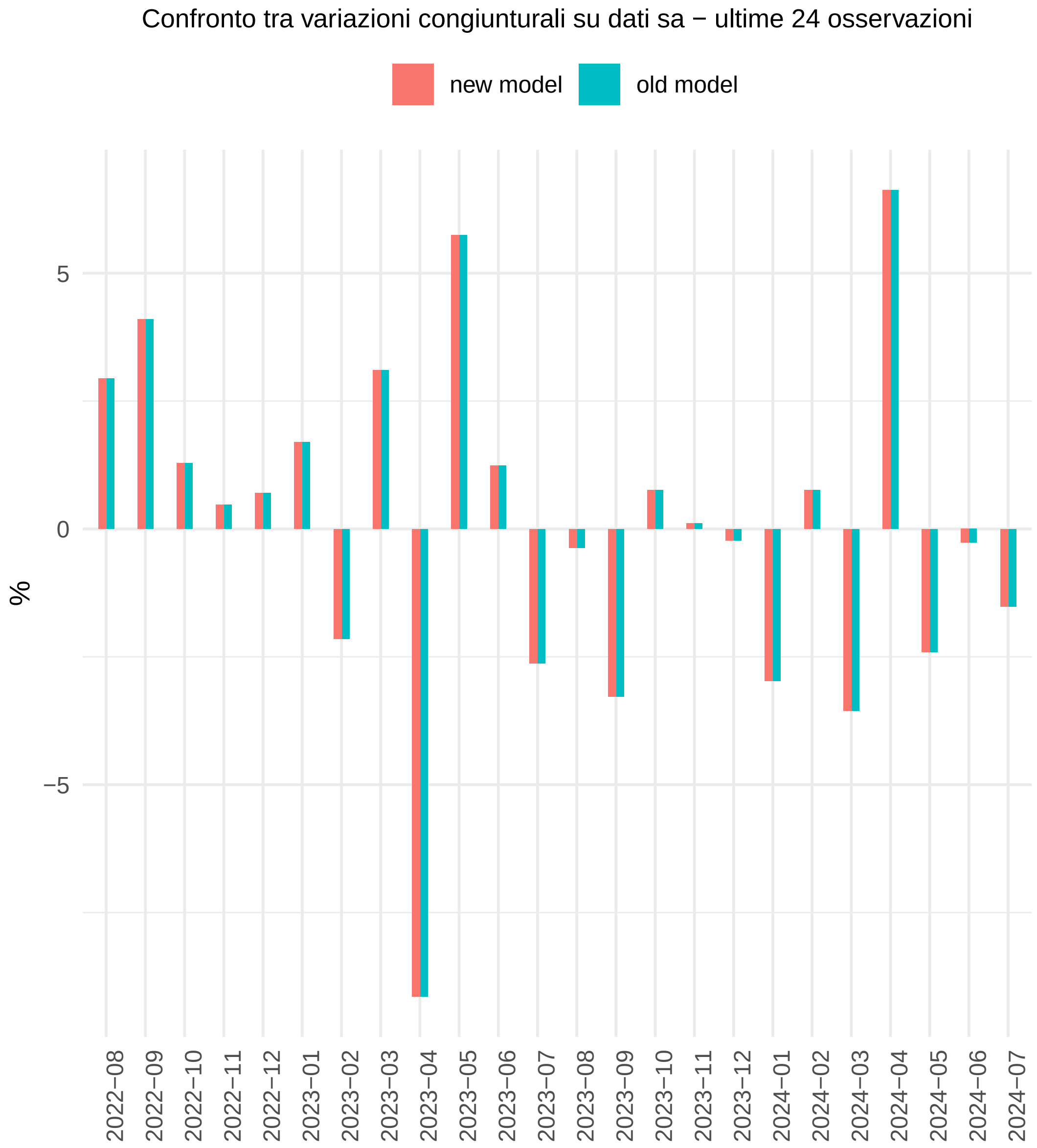


DIVIZ15

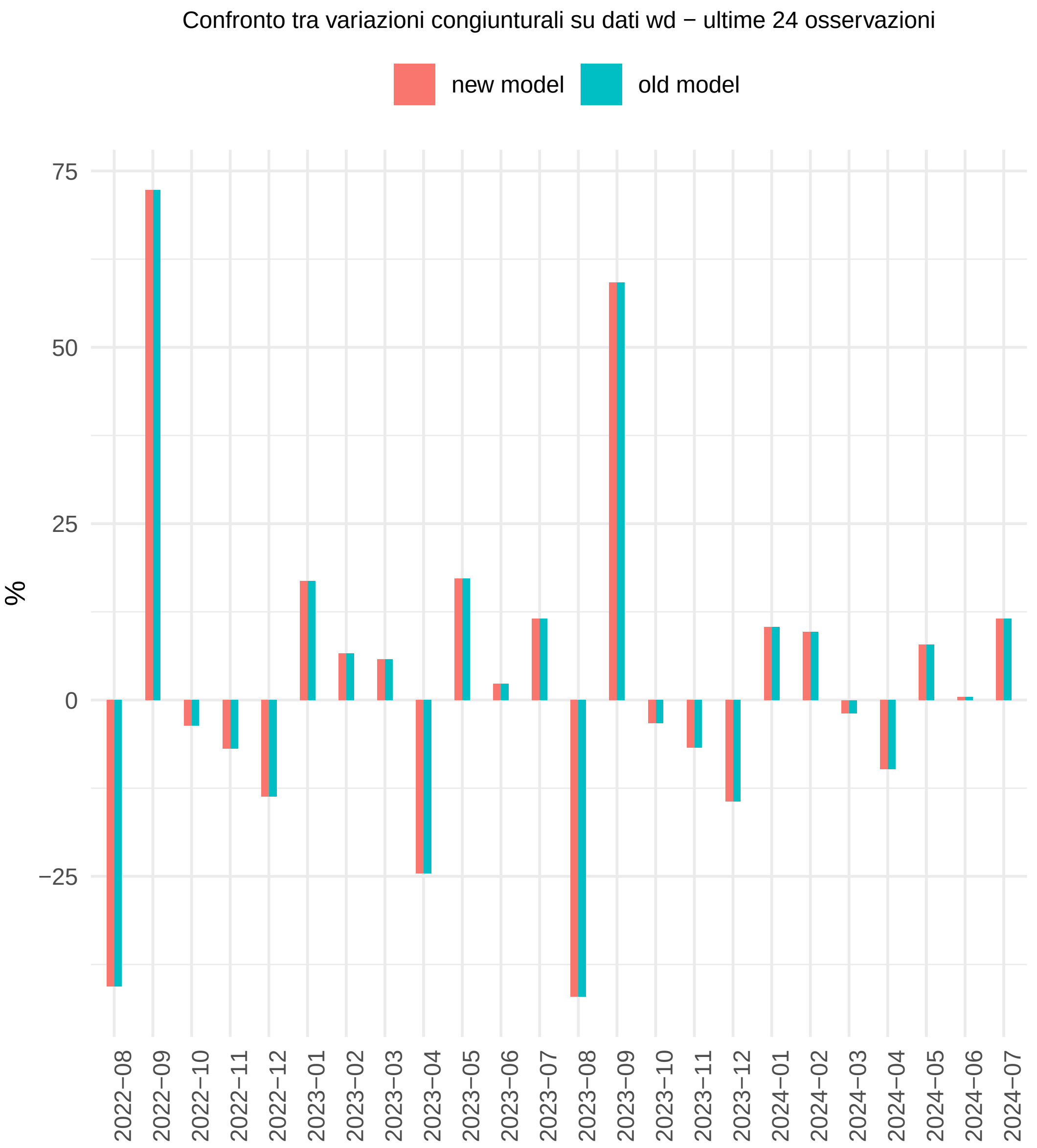
SI ratio

periodogram

DIVIZ15

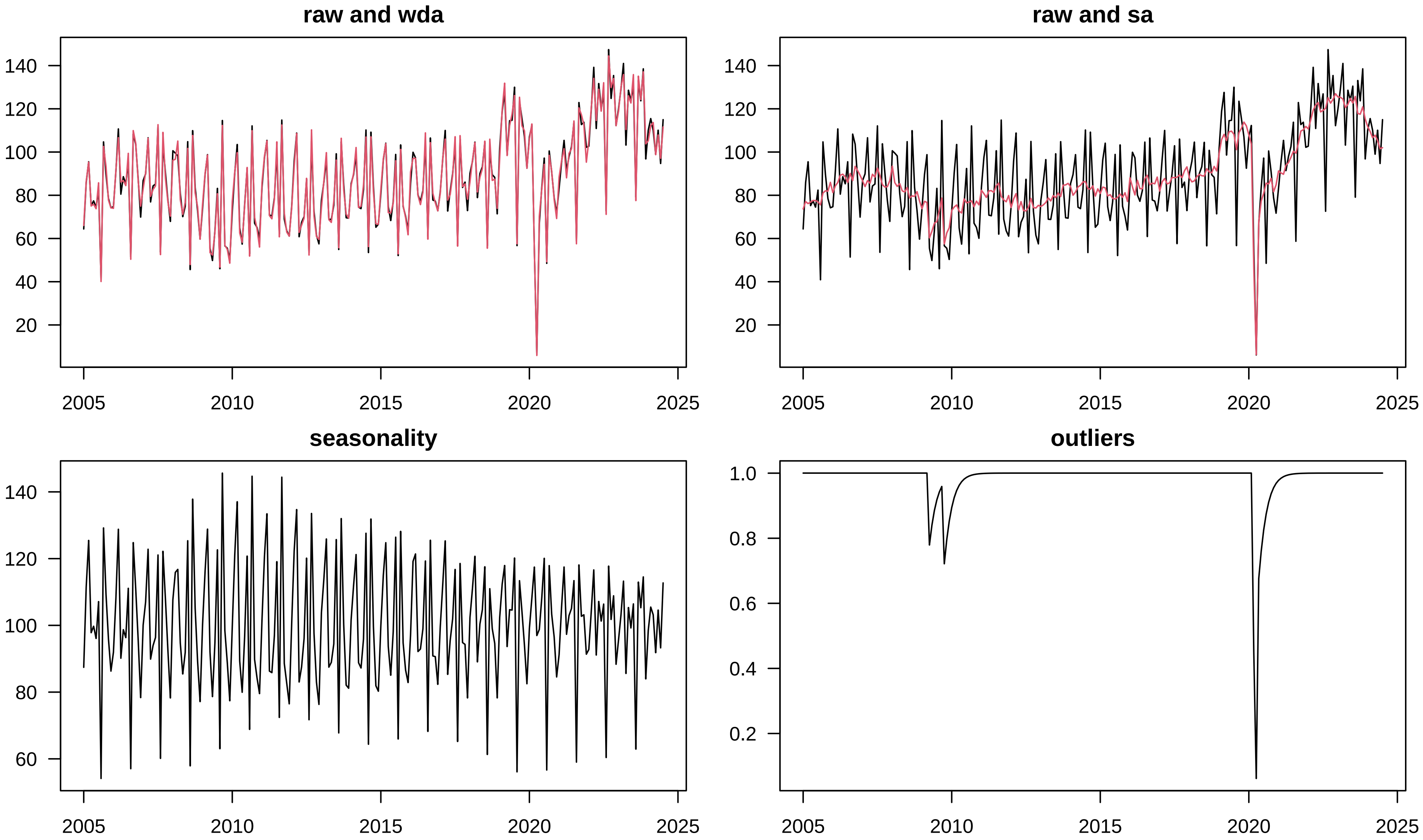


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
5
0
−5
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

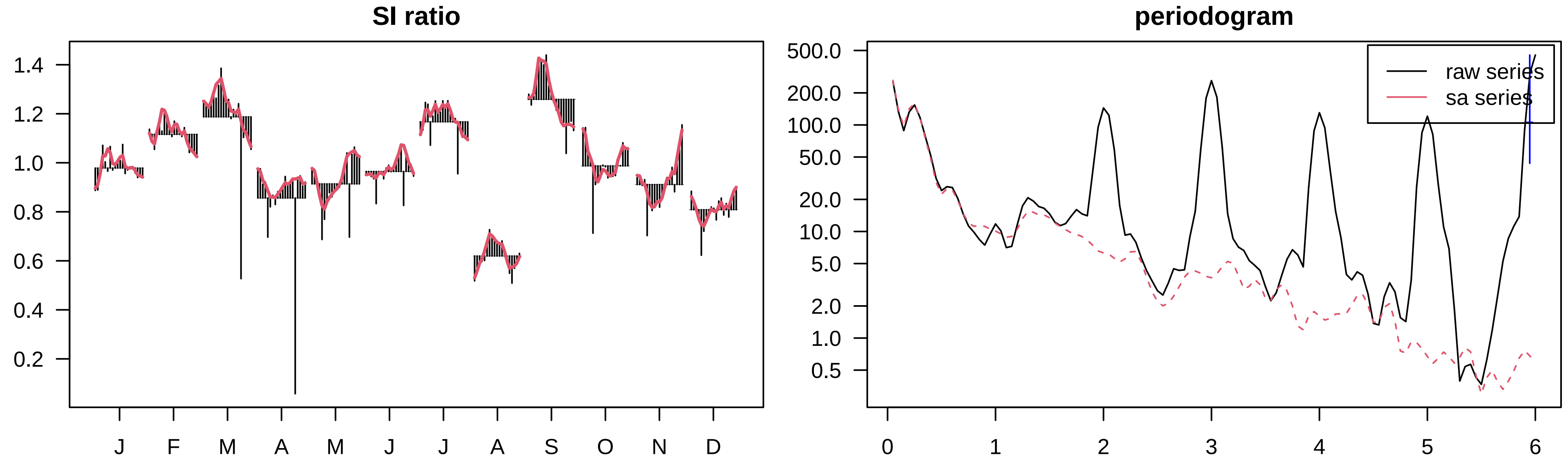


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
75
50
25
0
−25
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

DIVID15

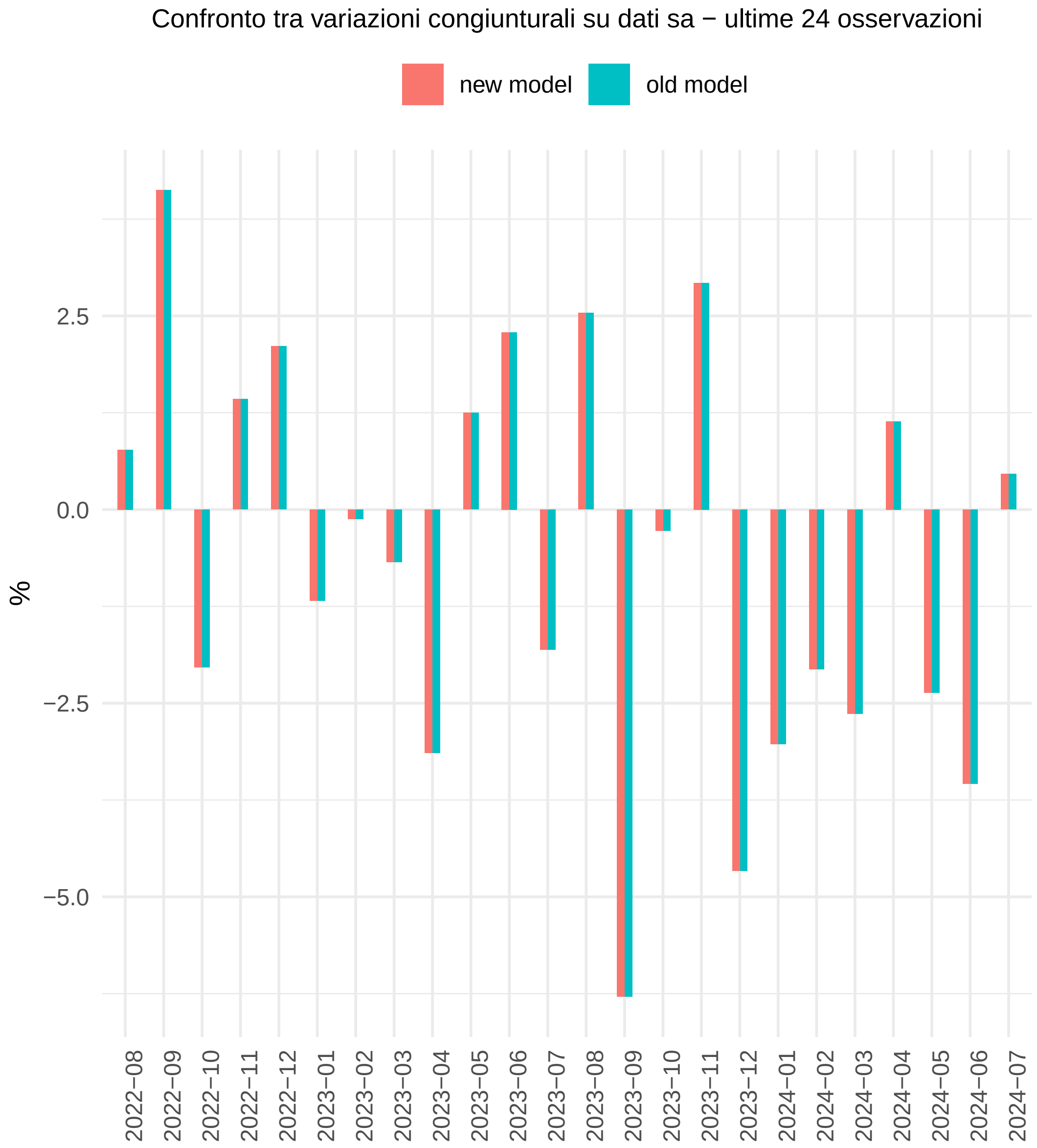

raw and wda
140
120
100
80
60
40
20
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
60
40
20
2005
2010
2015
2020
2025
seasonality
140
120
100
80
60
2005
2010
2015
2020
2025
outliers
1.0
0.8
0.6
0.4
0.2
2005
2010
2015
2020
2025

DIVID15

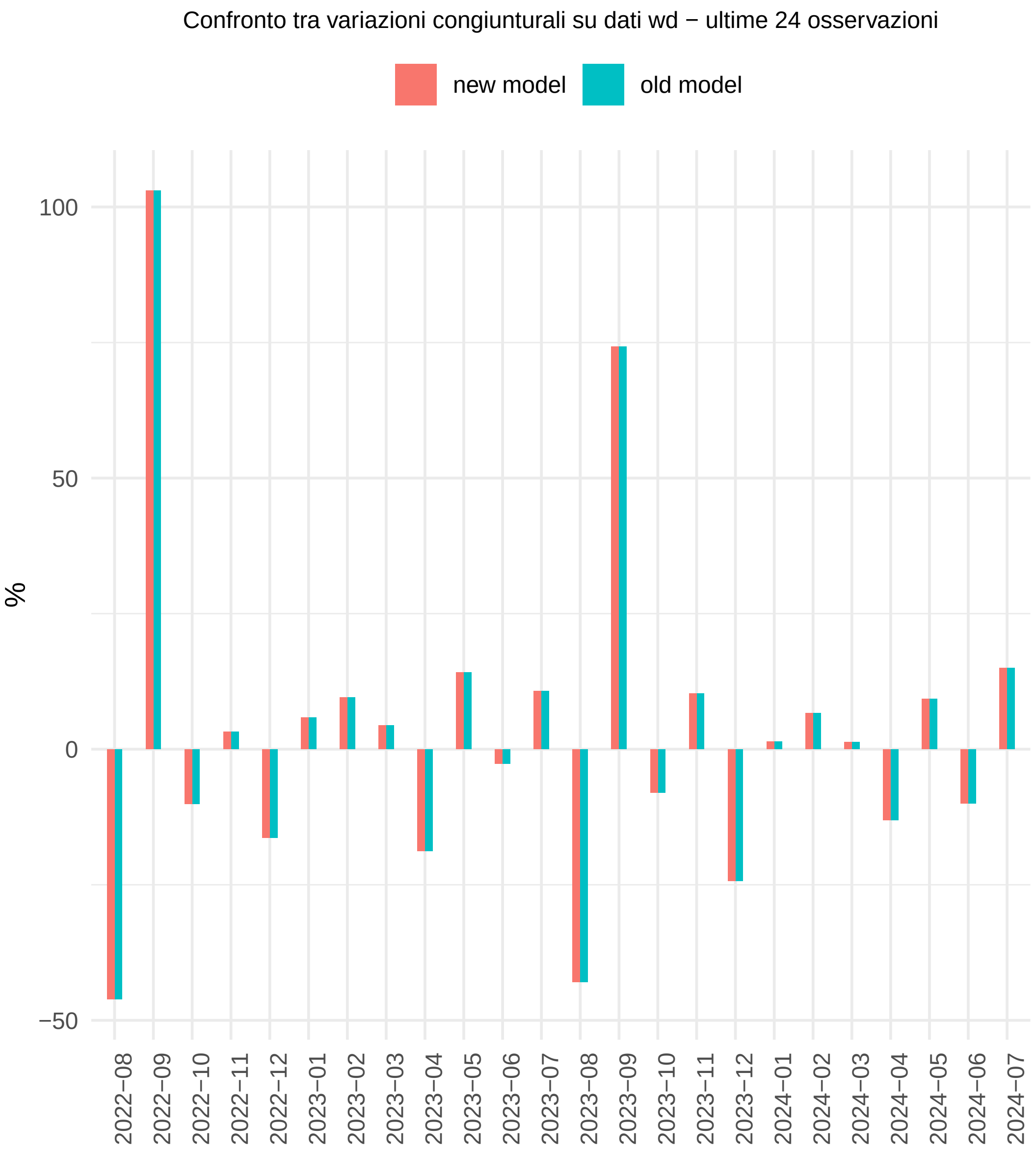

SI ratio

periodogram

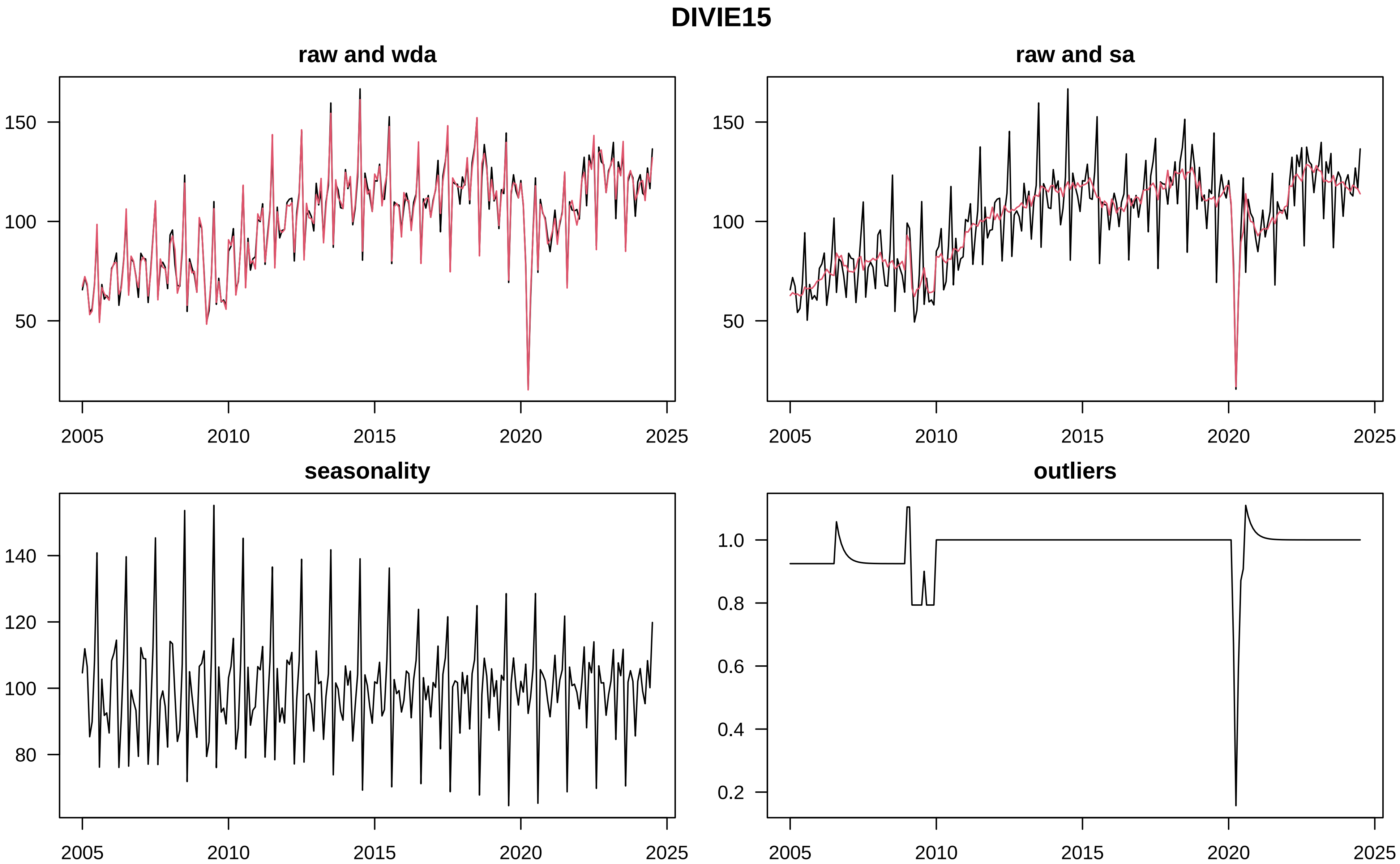
DIVID15



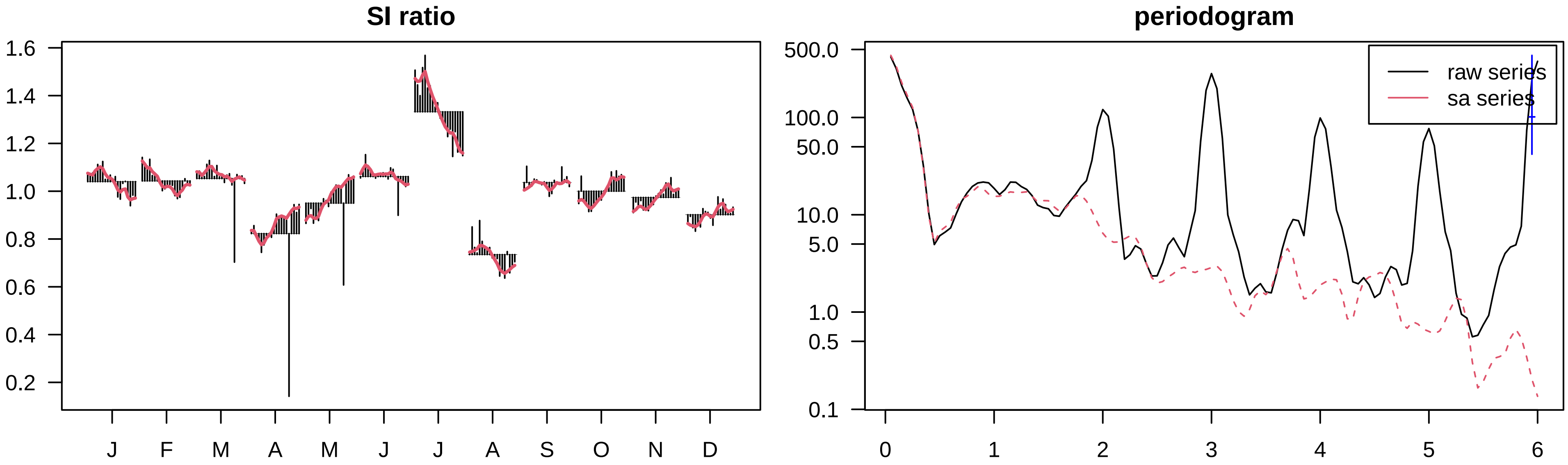
Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni



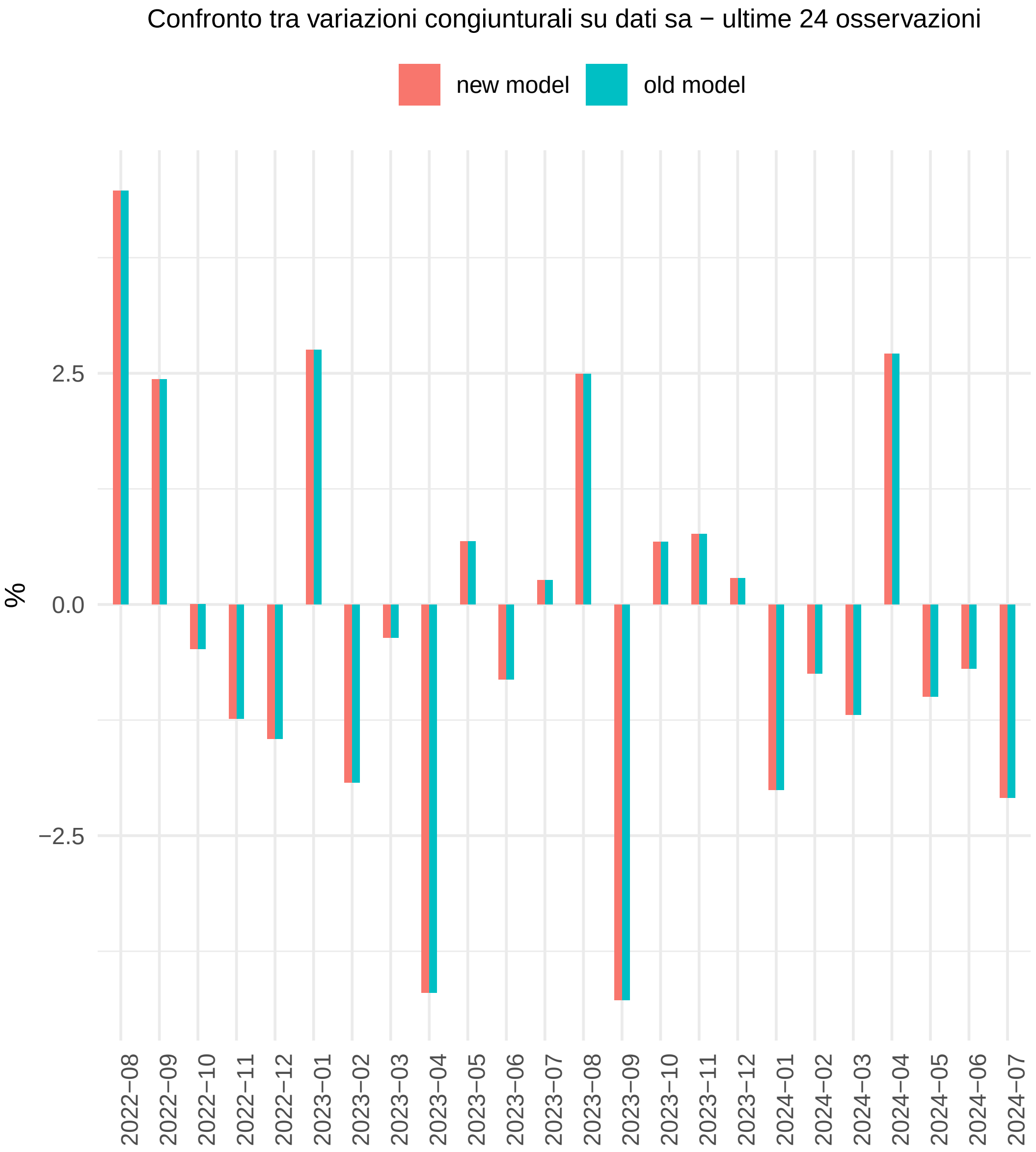
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

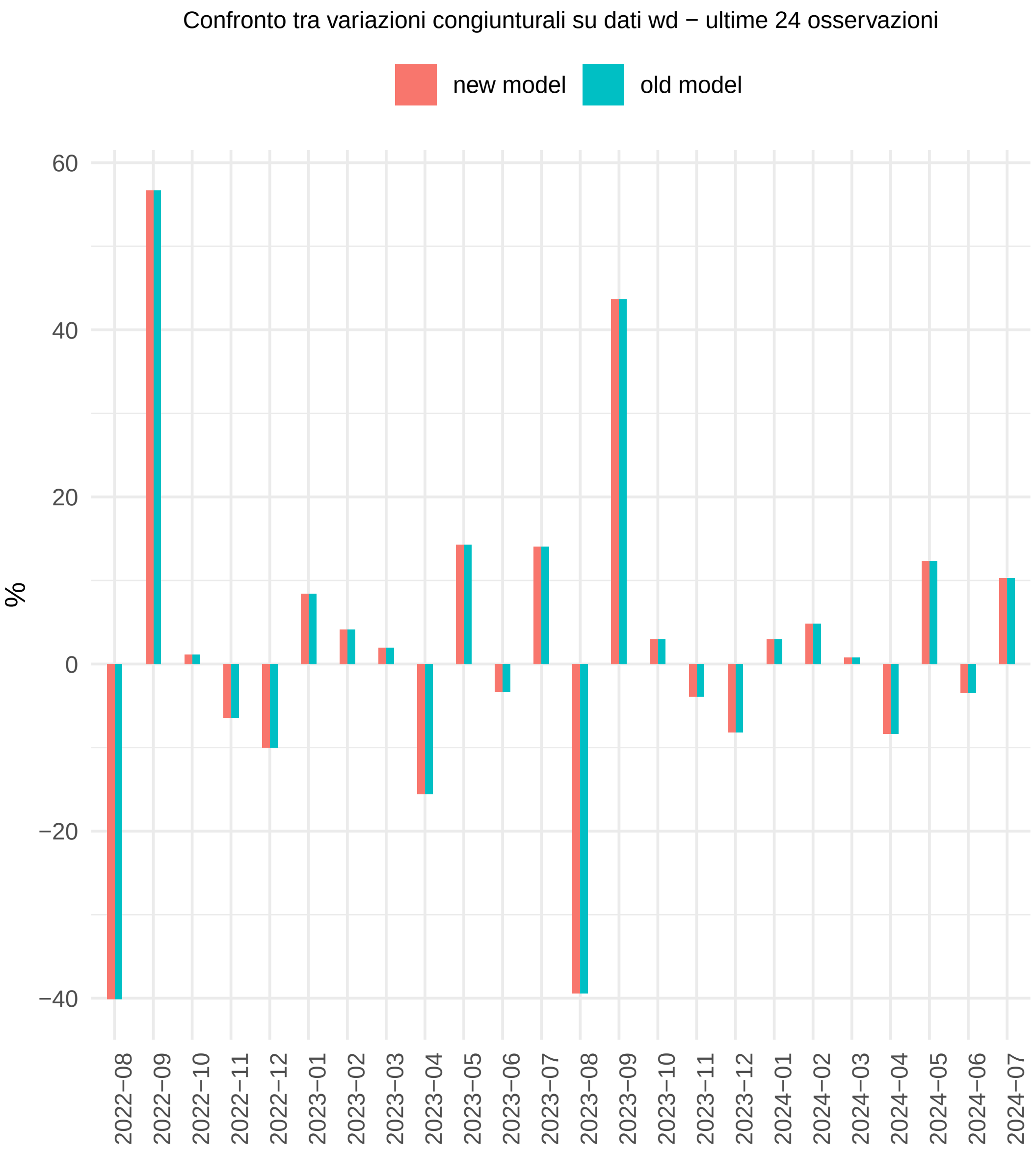

DIVIE15
raw and wda
150
100
50
2005
2010
2015
2020
2025
raw and sa
150
100
50
2005
2010
2015
2020
2025
seasonality
140
120
100
80
2005
2010
2015
2020
2025
outliers
1.0
0.8
0.6
0.4
0.2
2005
2010
2015
2020
2025

DIVIE15


SI ratio
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
500.0
100.0
50.0
10.0
5.0
1.0
0.5
0.1
0
1
2
3
4
5
6
raw series
sa series

DIVIE15


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
2.5
0.0
−2.5
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
60
40
20
0
−20
−40
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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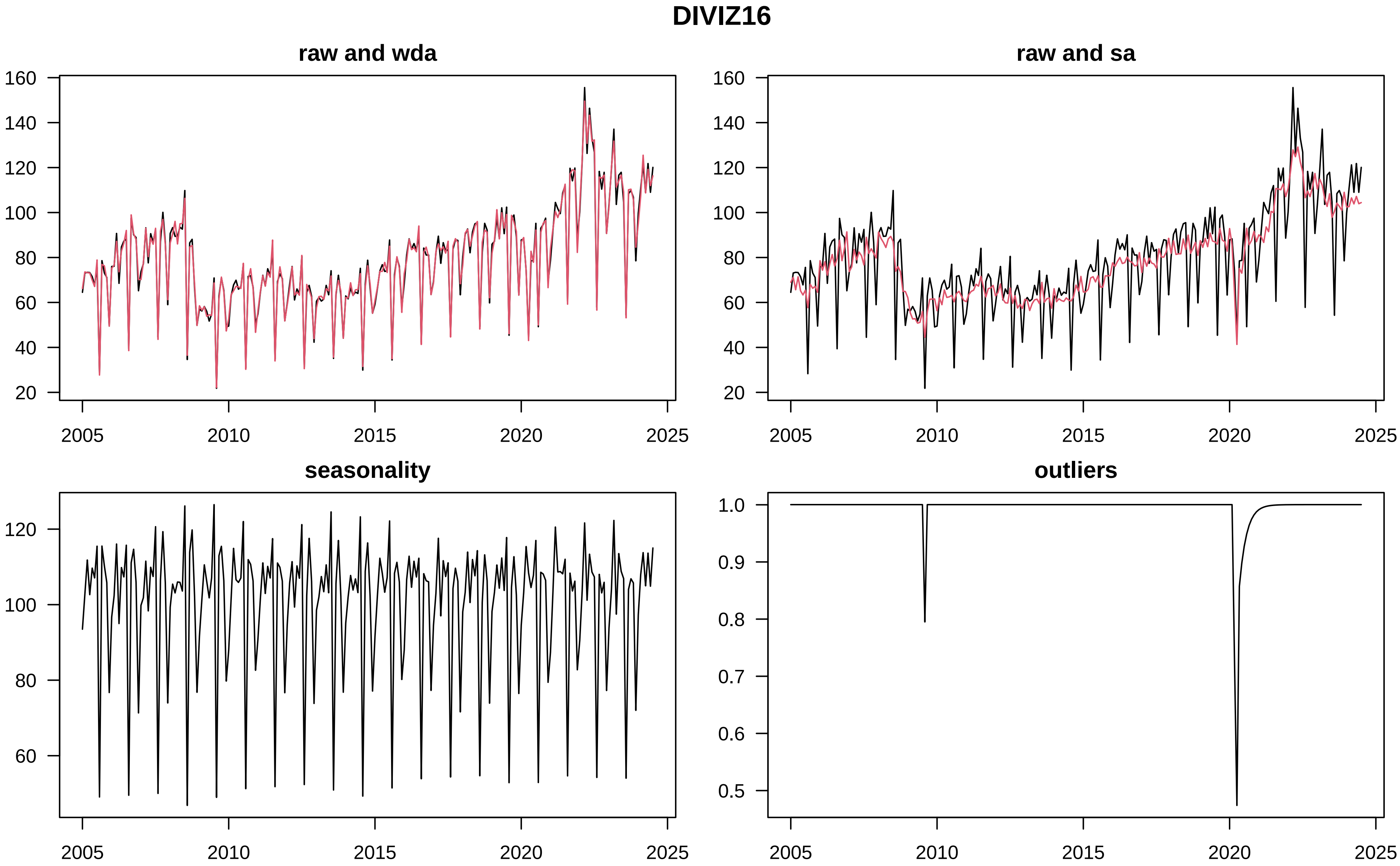
2024−05
2024−06
2024−07


DIVIZ16

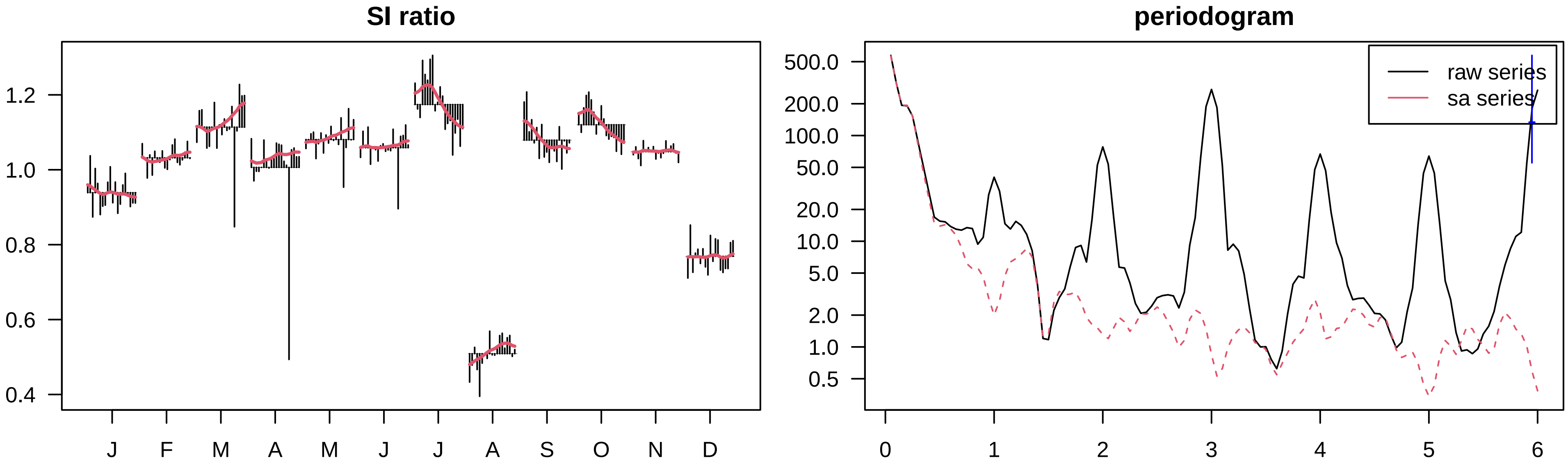
raw and wda

raw and sa

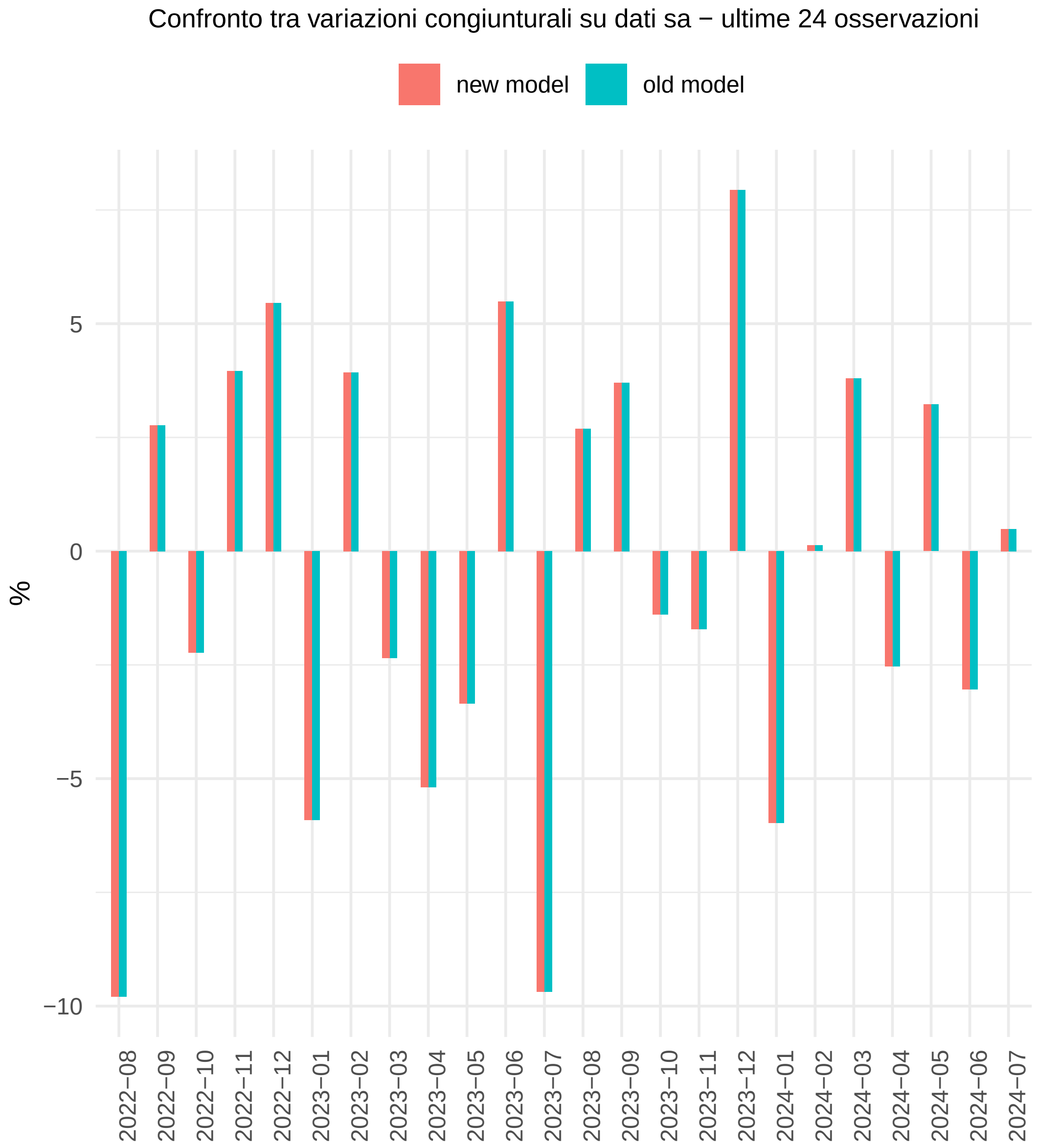
seasonality

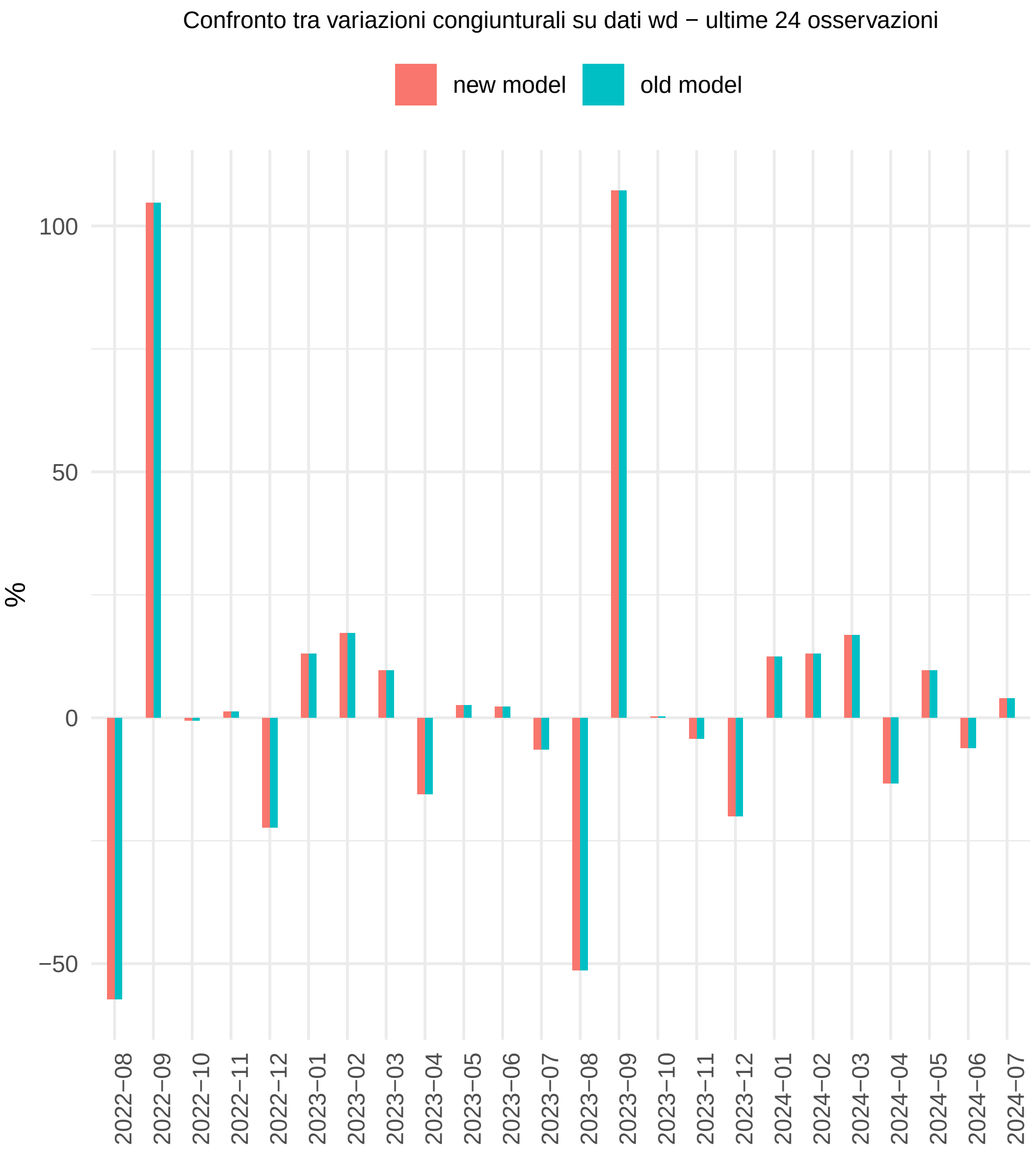
outliers

DIVIZ16

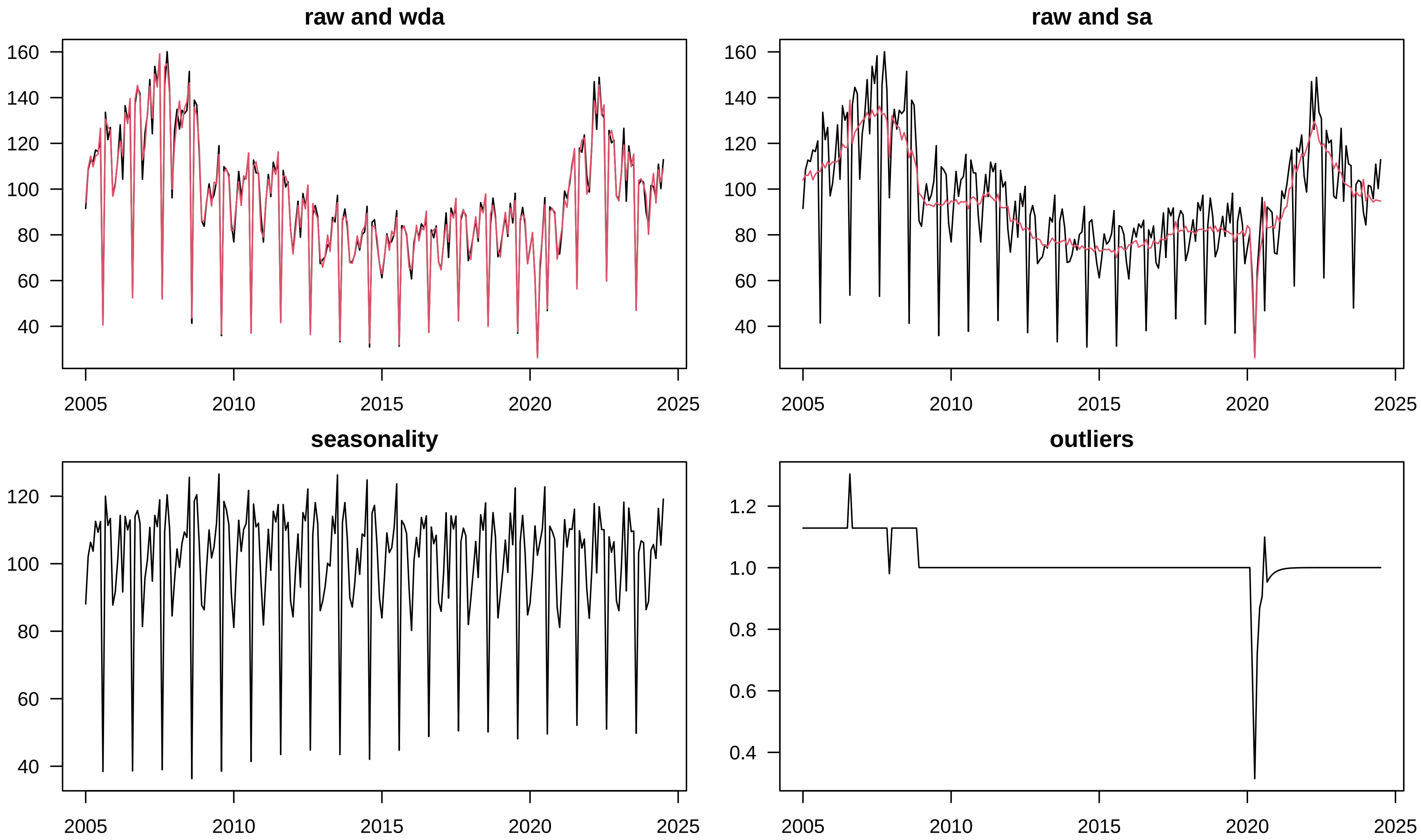

SI ratio
1.2
1.0
0.8
0.6
0.4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0
1
2
3
4
5
6
raw series
sa series

DIVIZ16


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

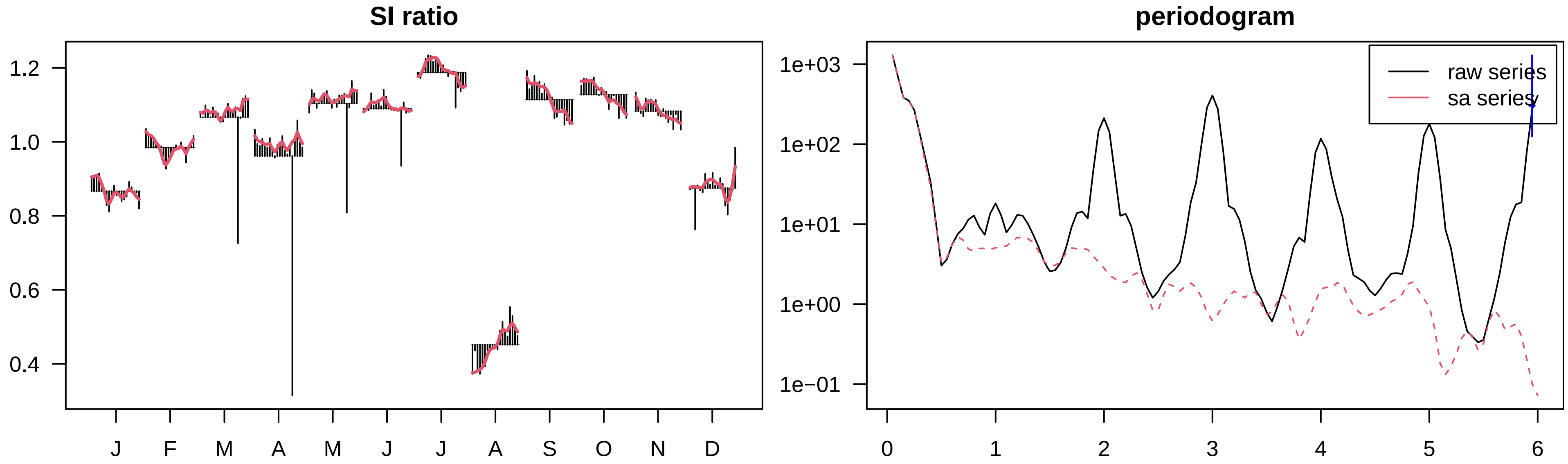

Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

DIVID16

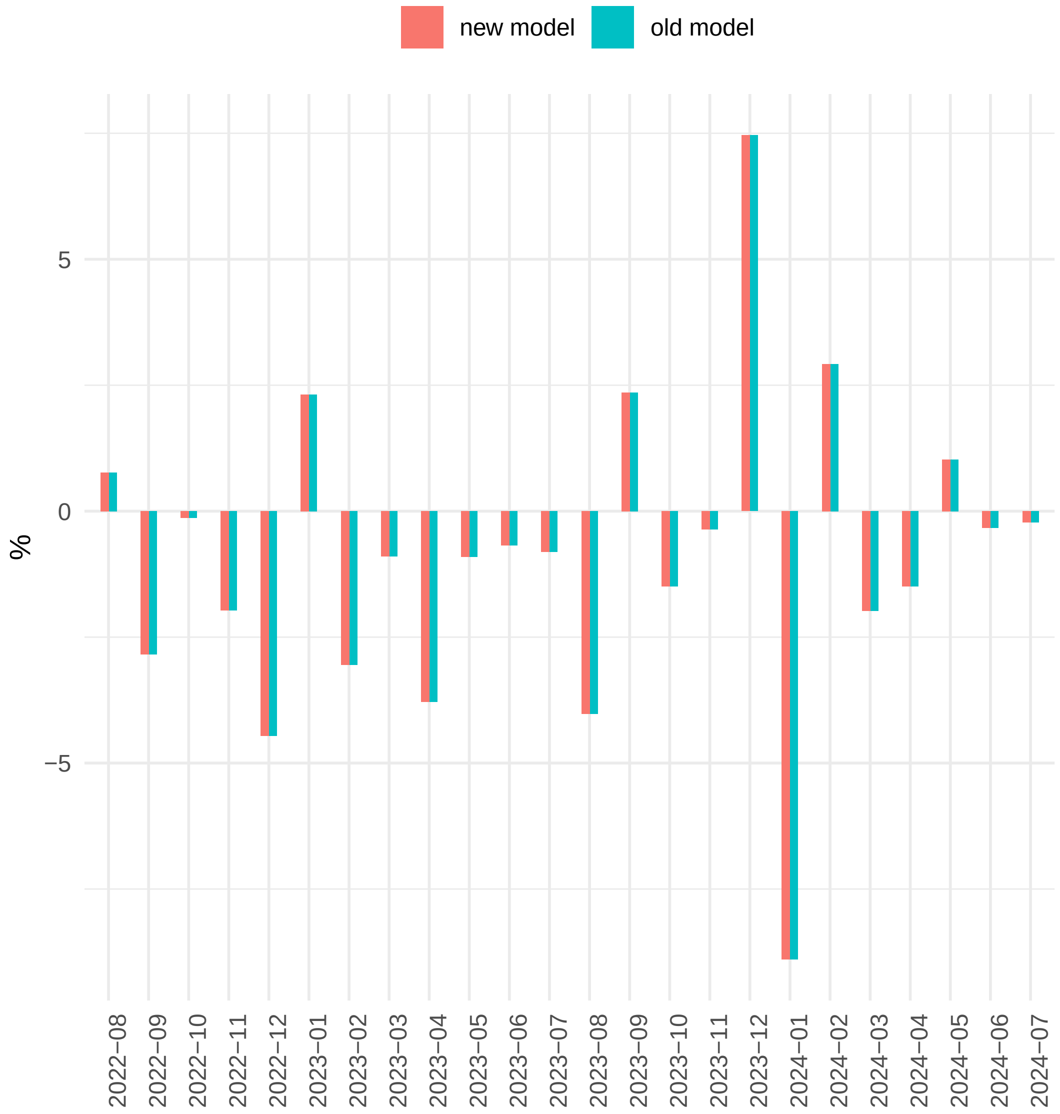


raw and wda
160
140
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
160
140
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
120
100
80
60
40
2005
2010
2015
2020
2025
outliers
1.2
1.0
0.8
0.6
0.4
2005
2010
2015
2020
2025

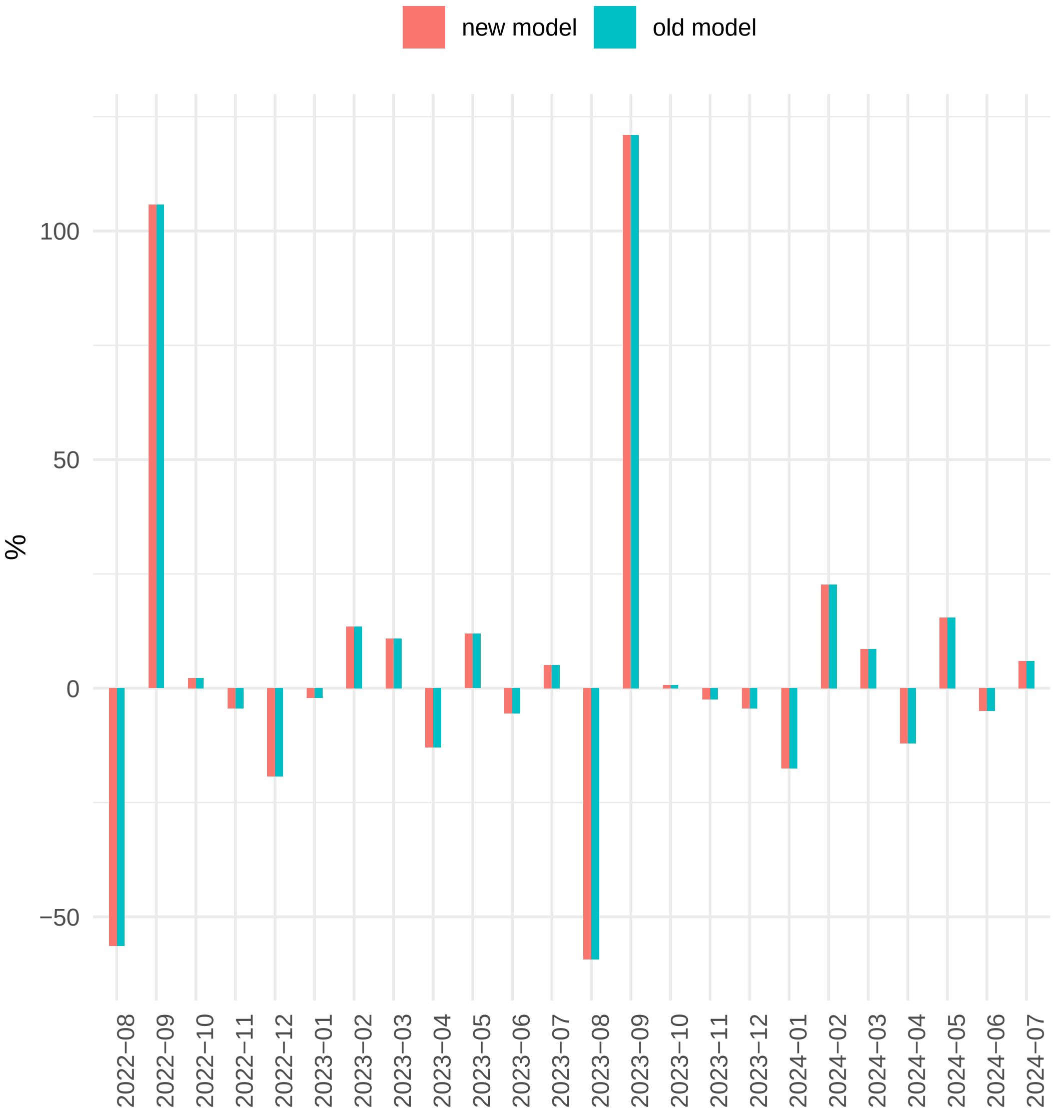
DIVID16


SI ratio
1.2
1.0
0.8
0.6
0.4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+03
1e+02
1e+01
1e+00
1e−01
0
1
2
3
4
5
6
raw series
sa series

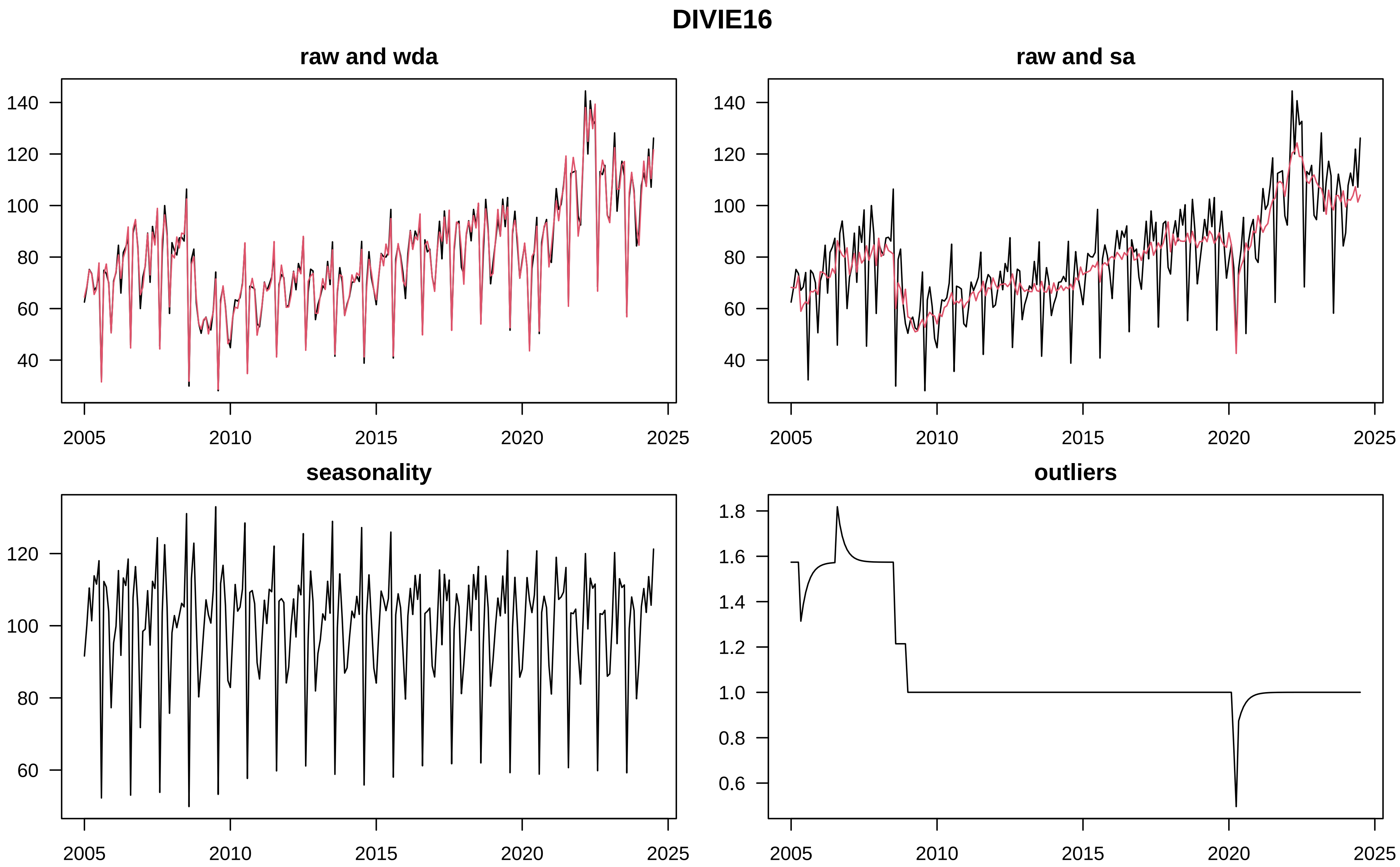
DIVID16



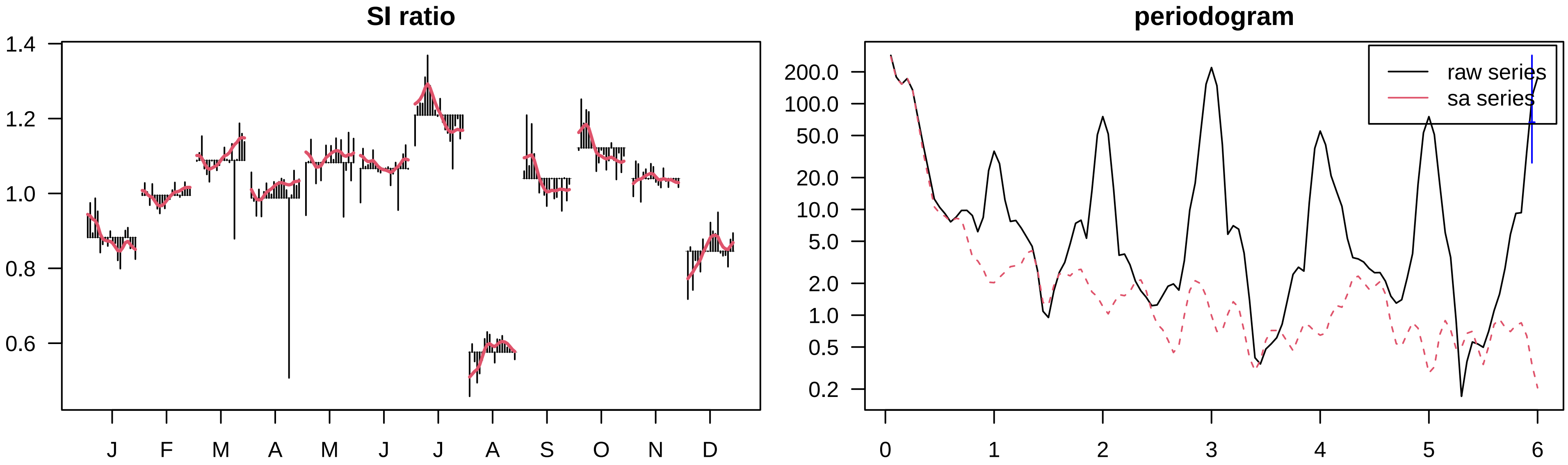
Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni



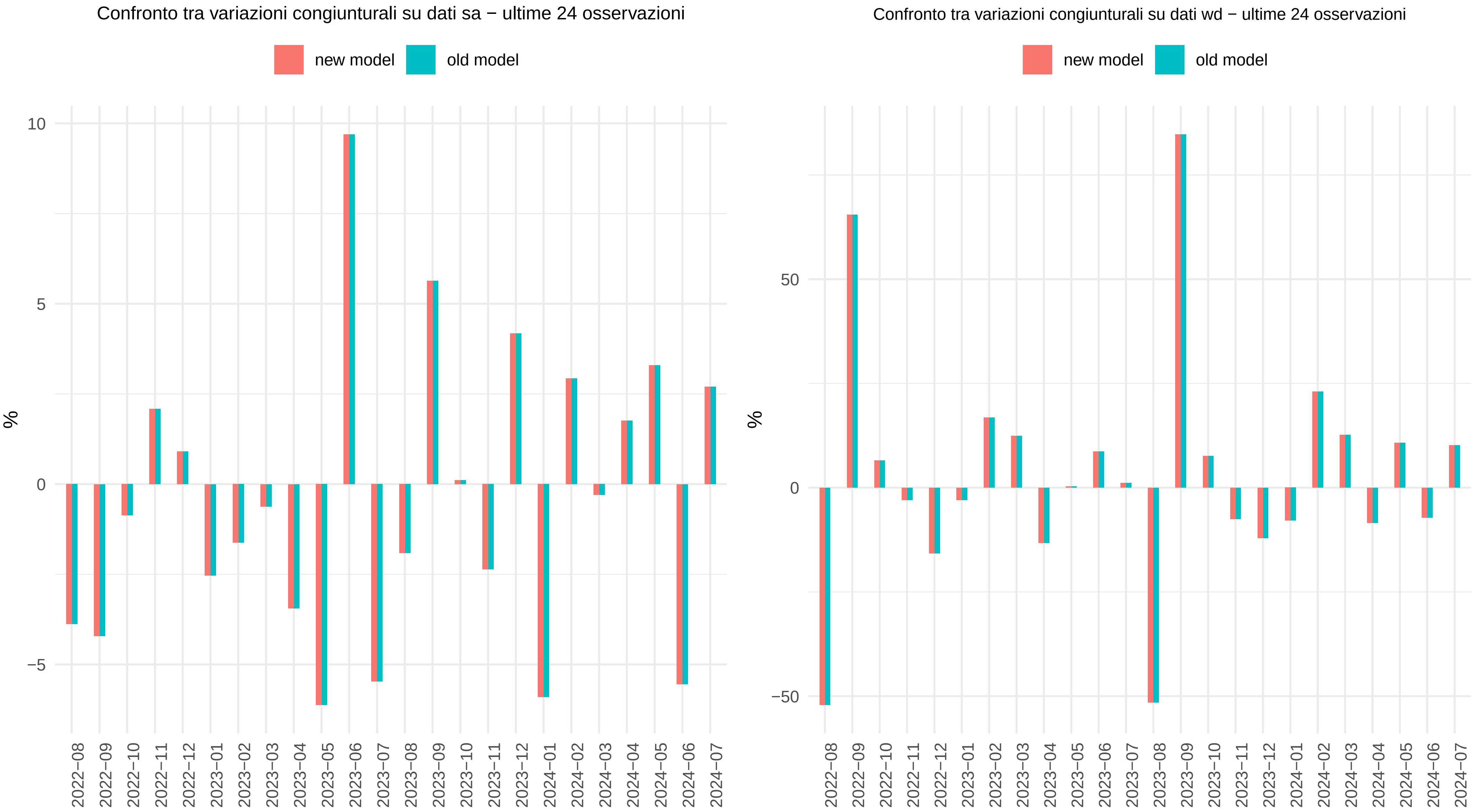
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni


DIVIE16
raw and wda
140
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
120
100
80
60
2005
2010
2015
2020
2025
outliers
1.8
1.6
1.4
1.2
1.0
0.8
0.6
2005
2010
2015
2020
2025

DIVIE16

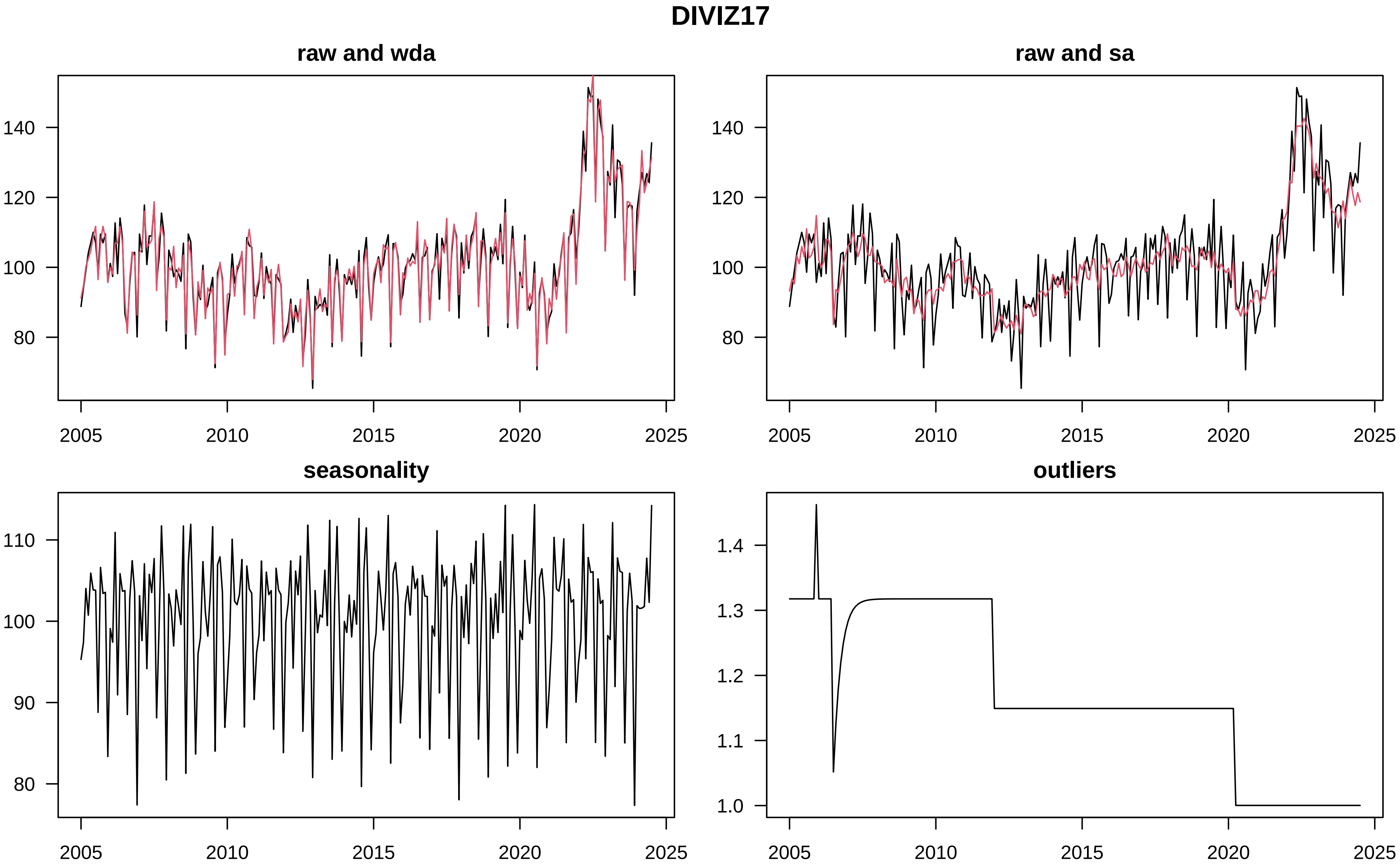

SI ratio
1.4
1.2
1.0
0.8
0.6
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0.2
0
1
2
3
4
5
6
raw series
sa series

DIVIE16

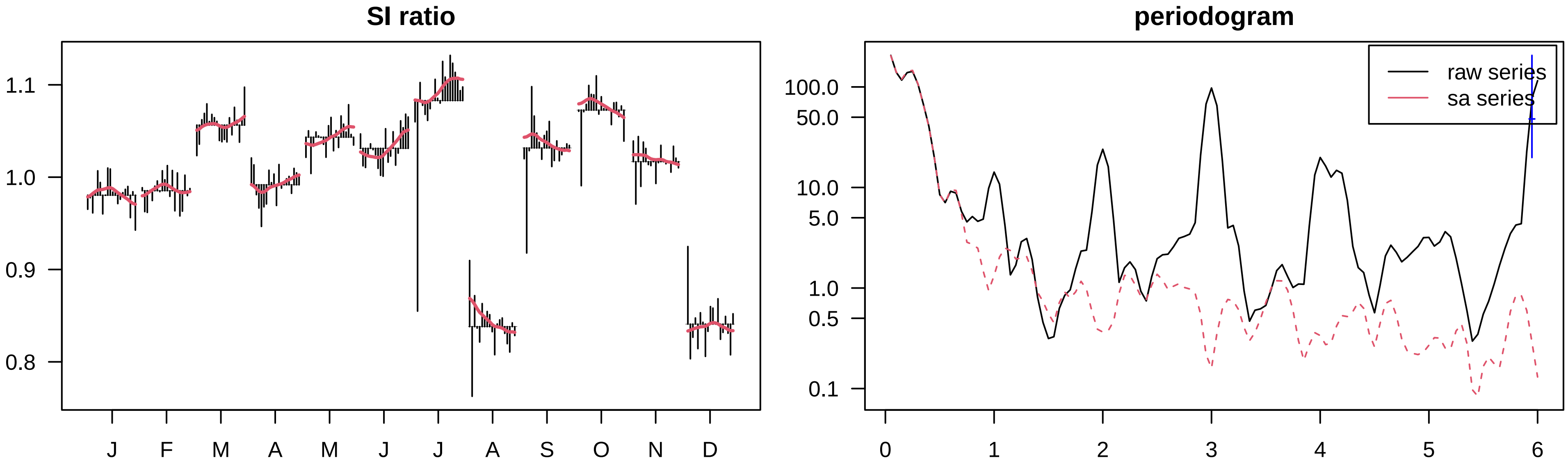


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

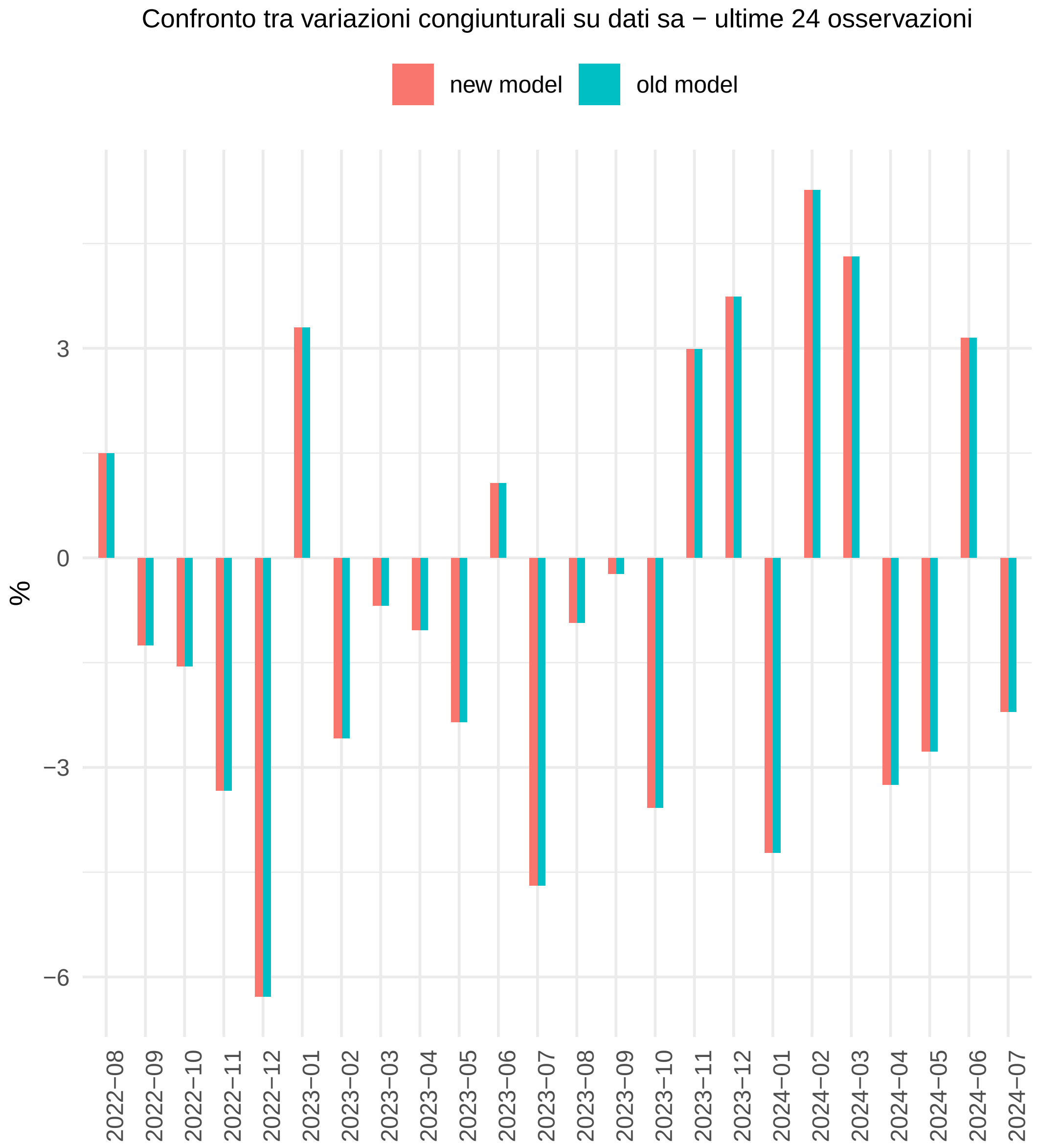
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni


DIVIZ17
raw and wda
140
120
100
80
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
2005
2010
2015
2020
2025
seasonality
110
100
90
80
2005
2010
2015
2020
2025
outliers
1.4
1.3
1.2
1.1
1.0
2005
2010
2015
2020
2025

DIVIZ17


SI ratio
1.1
1.0
0.9
0.8
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
100.0
50.0
10.0
5.0
1.0
0.5
0.1
0
1
2
3
4
5
6
raw series
sa series

DIVIZ17


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
3
0
−3
−6
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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2024−04
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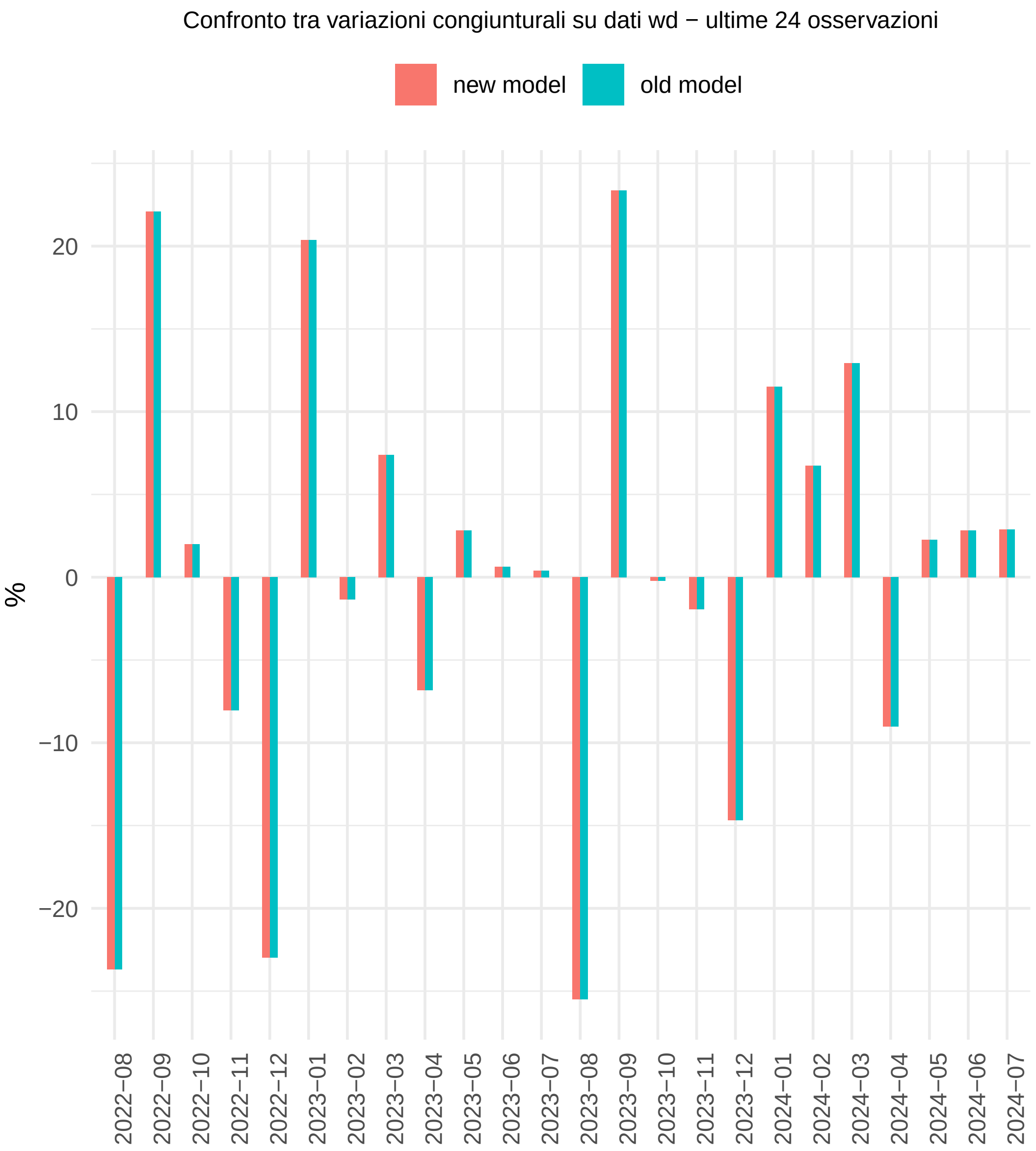
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
20
10
0
−10
−20
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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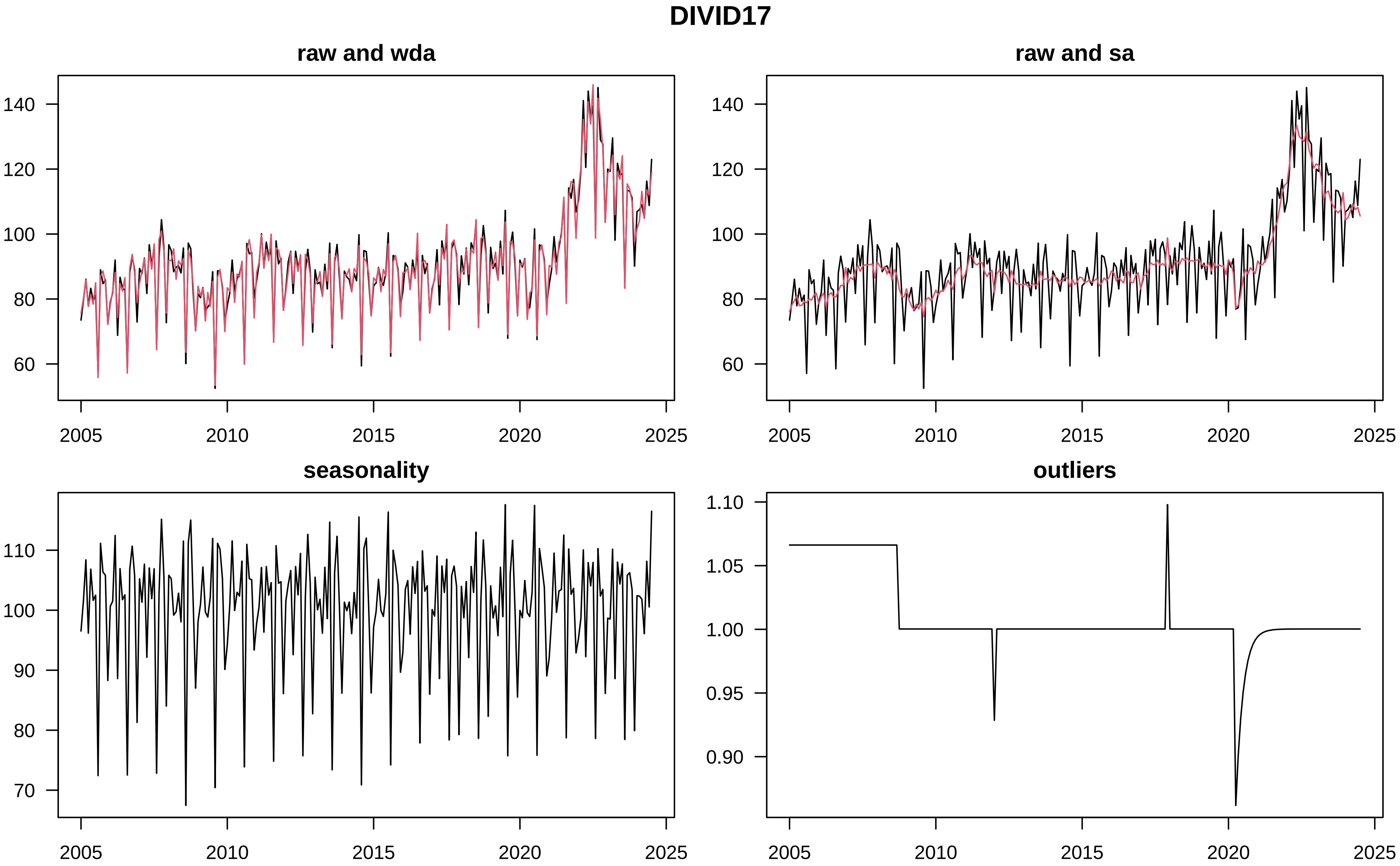
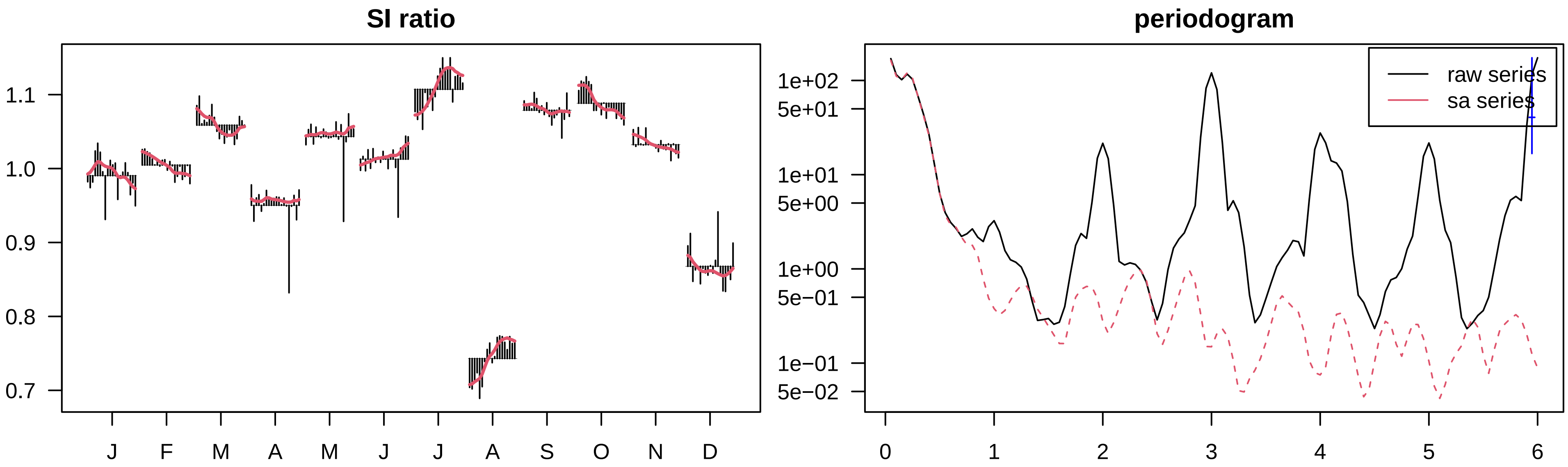
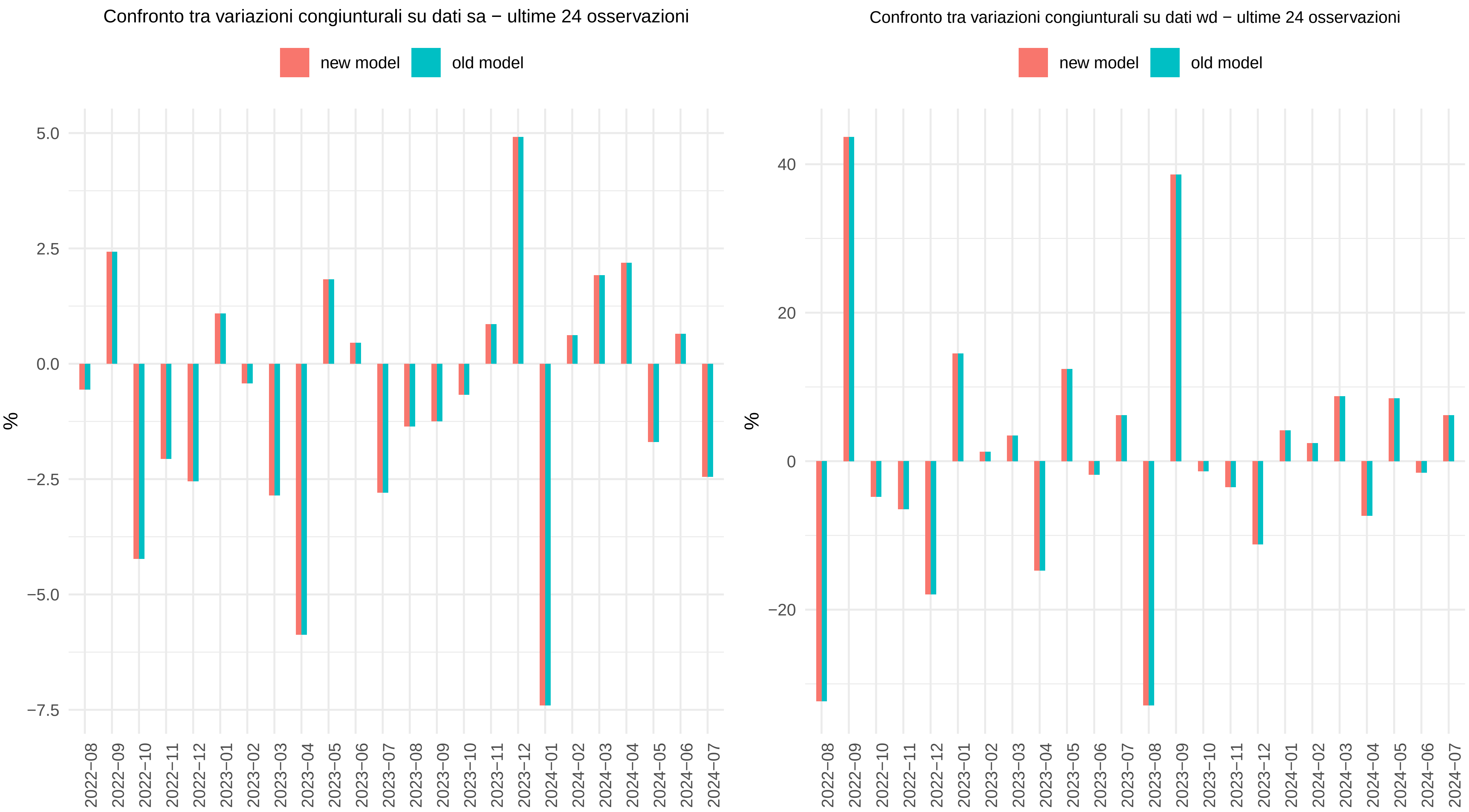
2024−07


DIVID17
raw and wda
140
120
100
80
60
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
60
2005
2010
2015
2020
2025
seasonality
110
100
90
80
70
2005
2010
2015
2020
2025
outliers
1.10
1.05
1.00
0.95
0.90
2005
2010
2015
2020
2025

DIVID17


SI ratio
1.1
1.0
0.9
0.8
0.7
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
1e−01
5e−02
0
1
2
3
4
5
6

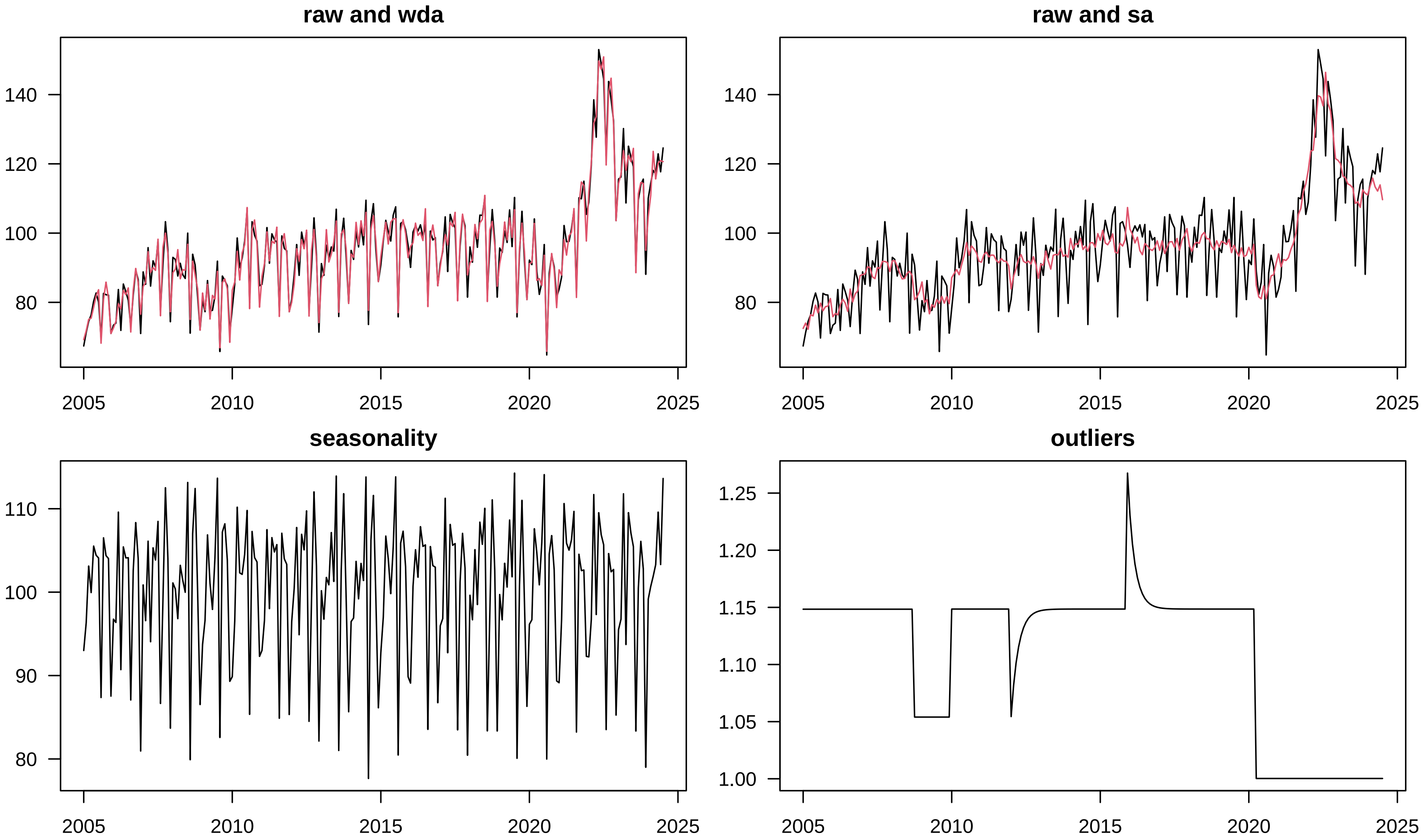
DIVID17



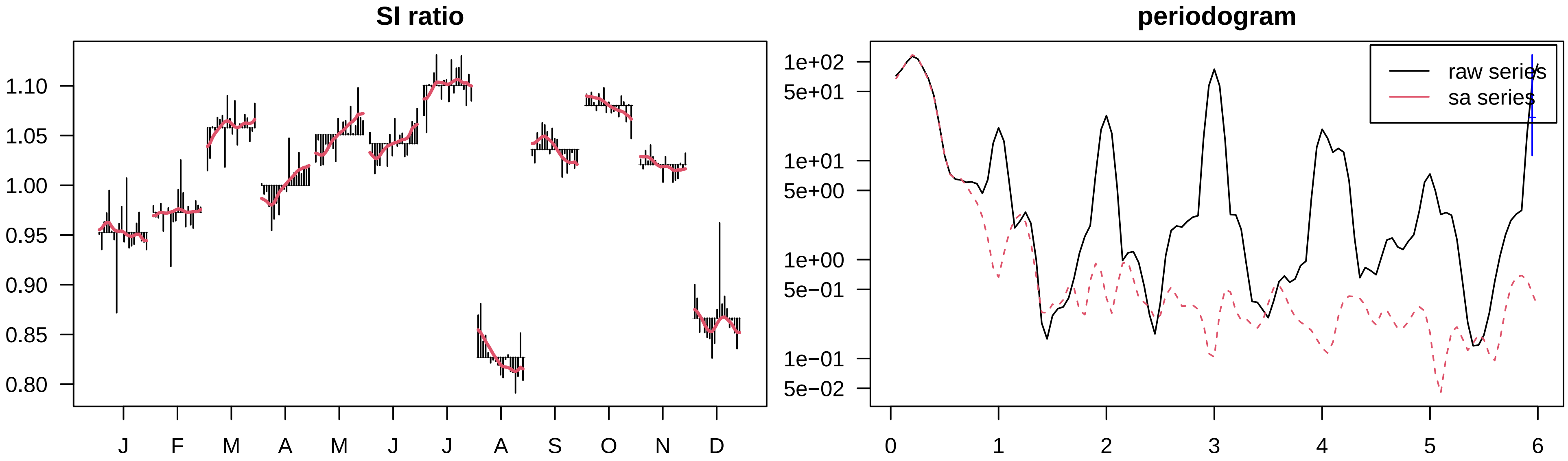
Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

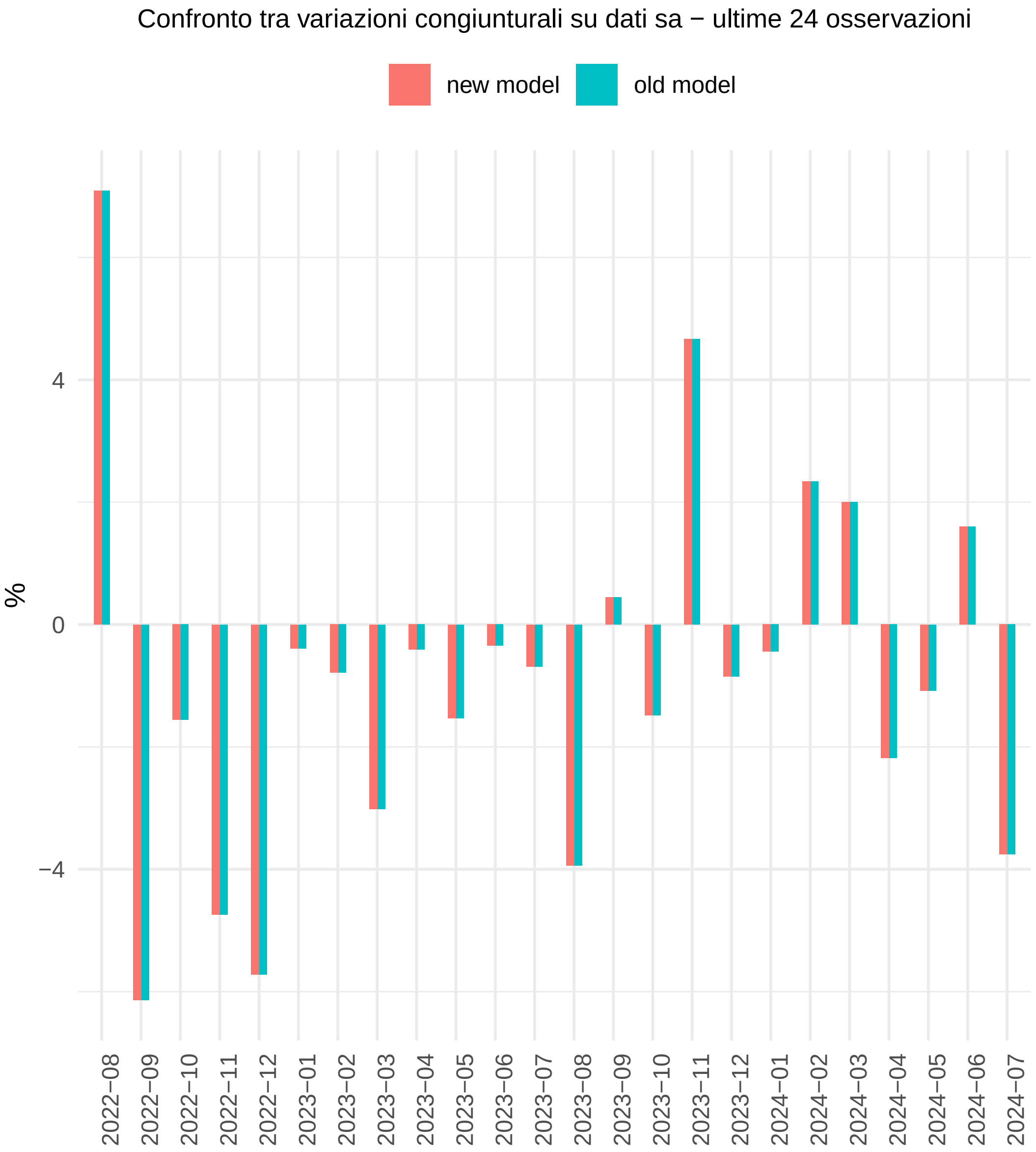
DIVIE17


raw and wda
raw and sa
seasonality
outliers
140
120
100
80
110
90
1.25
1.20
1.15
1.10
1.05
1.00
2005
2010
2015
2020
2025

DIVIE17


SI ratio
1.10
1.05
1.00
0.95
0.90
0.85
0.80
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
1e−01
5e−02
0
1
2
3
4
5
6
raw series
sa series

DIVIE17


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
4
0
−4
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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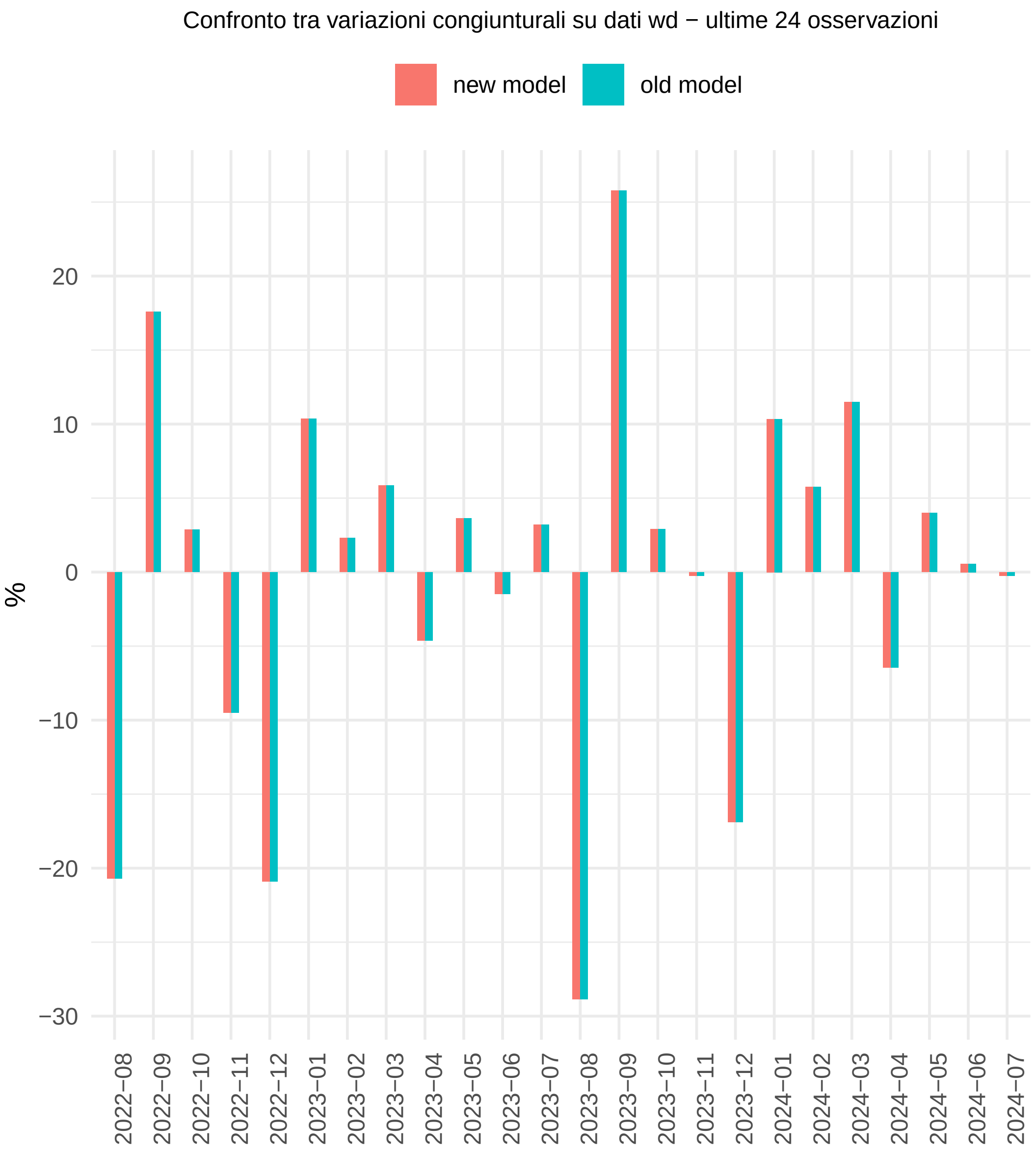
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
20
10
0
−10
−20
−30
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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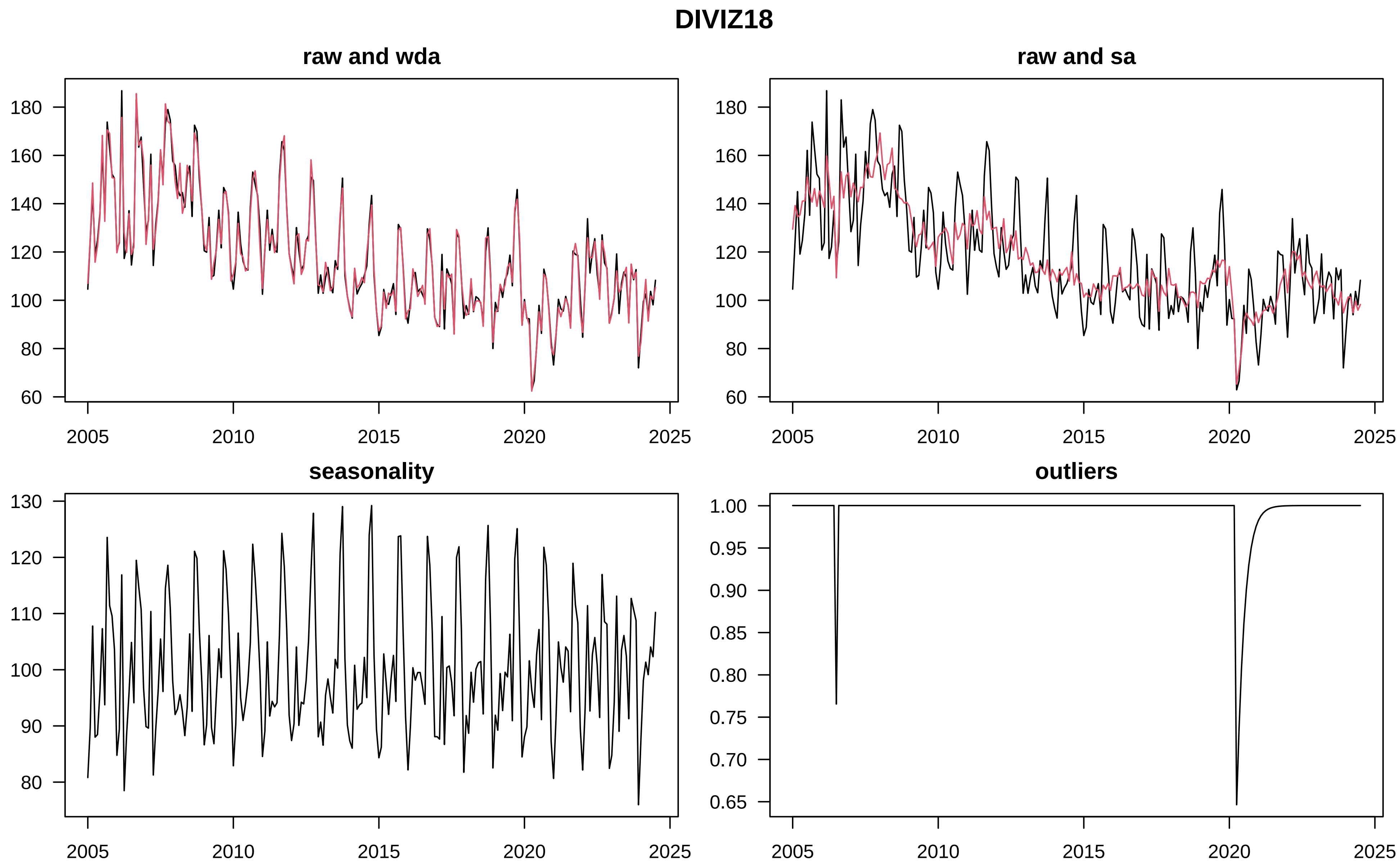
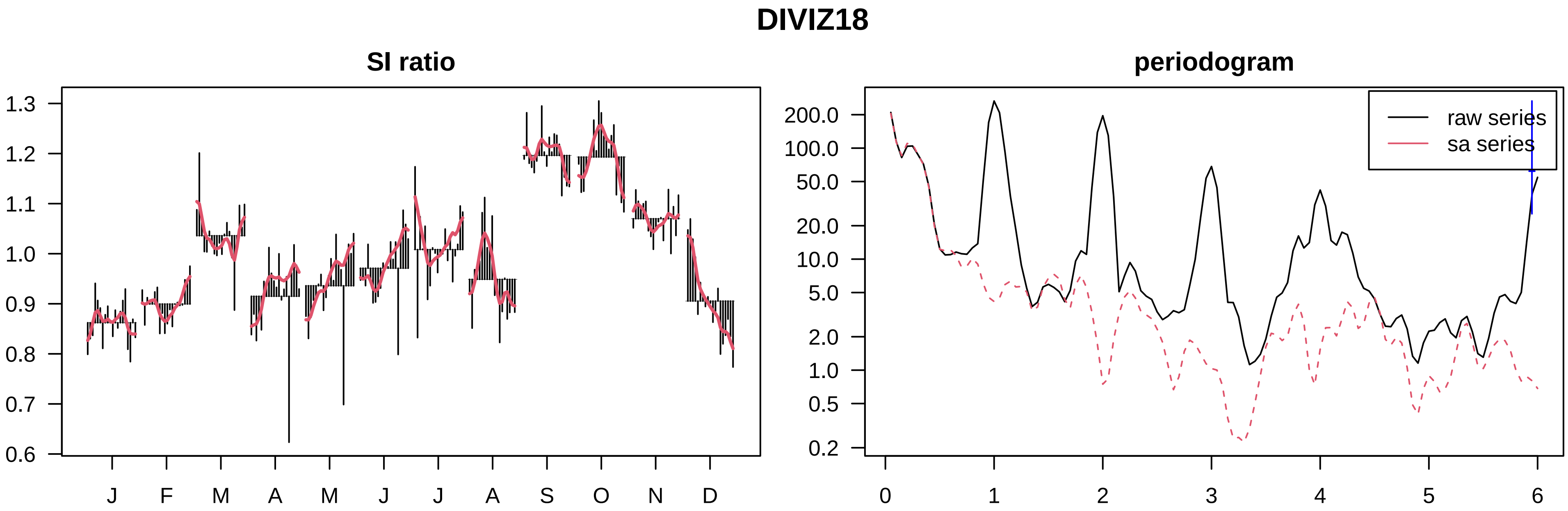
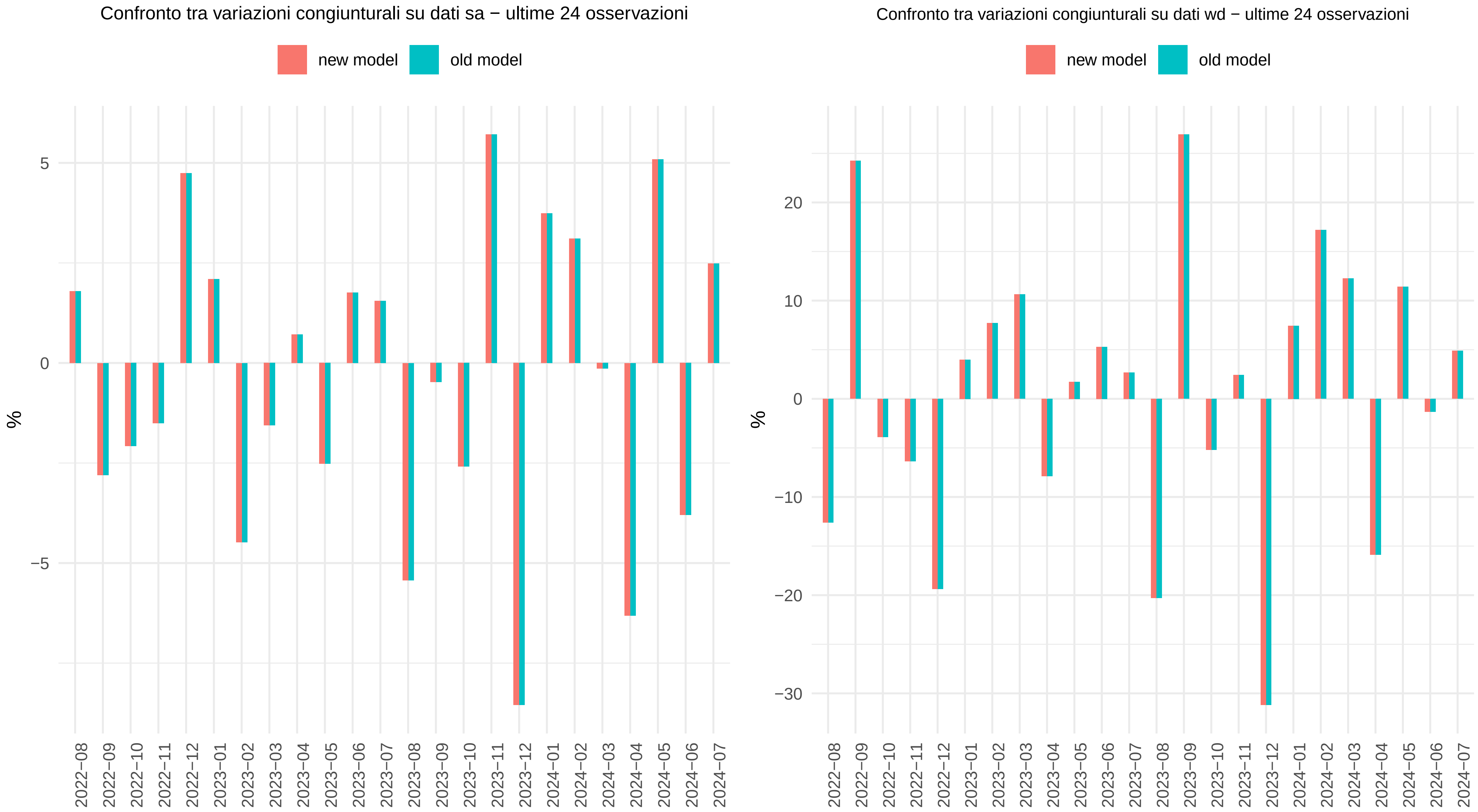
2024−05
2024−06
2024−07

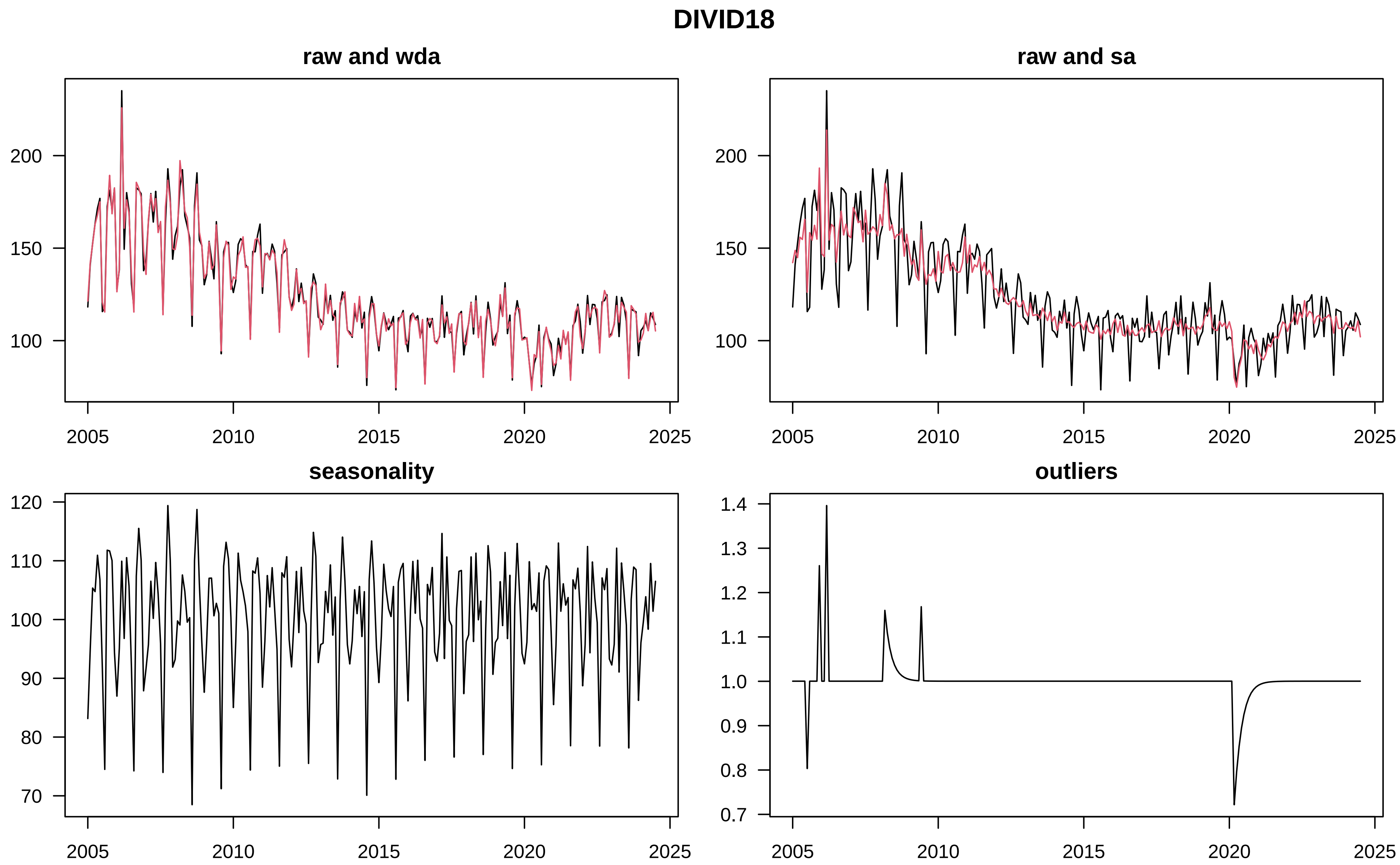

DIVIZ18
raw and wda
raw and sa
seasonality
outliers
180
160
140
120
100
80
60
130
120
110
100
90
80
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
2005
2010
2015
2020
2025

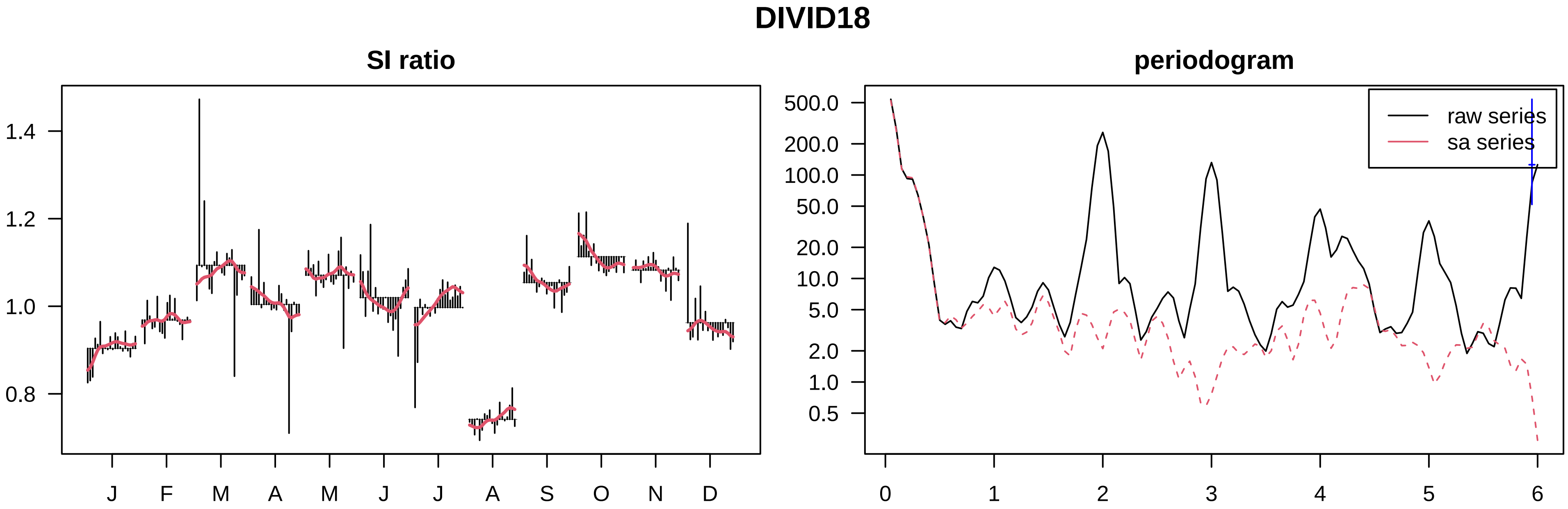

DIVIZ18
SI ratio
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0.2
0
1
2
3
4
5
6
raw series
sa series

DIVIZ18

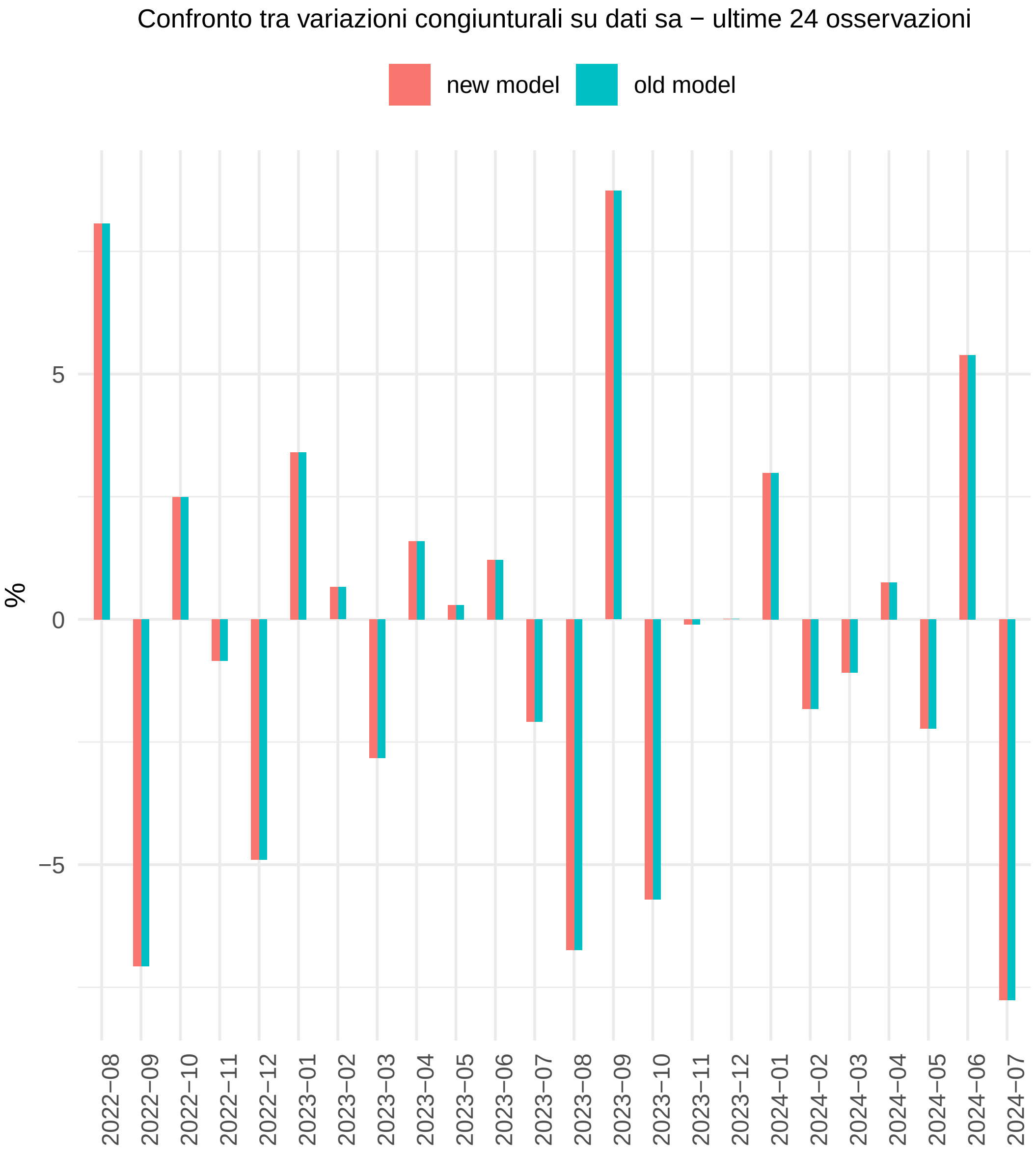

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni


DIVID18
raw and wda
raw and sa
seasonality
outliers
200
150
100
120
110
100
90
80
70
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
2005
2010
2015
2020
2025


DIVID18
SI ratio
1.4
1.2
1.0
0.8
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0
1
2
3
4
5
6
raw series
sa series

DIVID18


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
5
0
−5
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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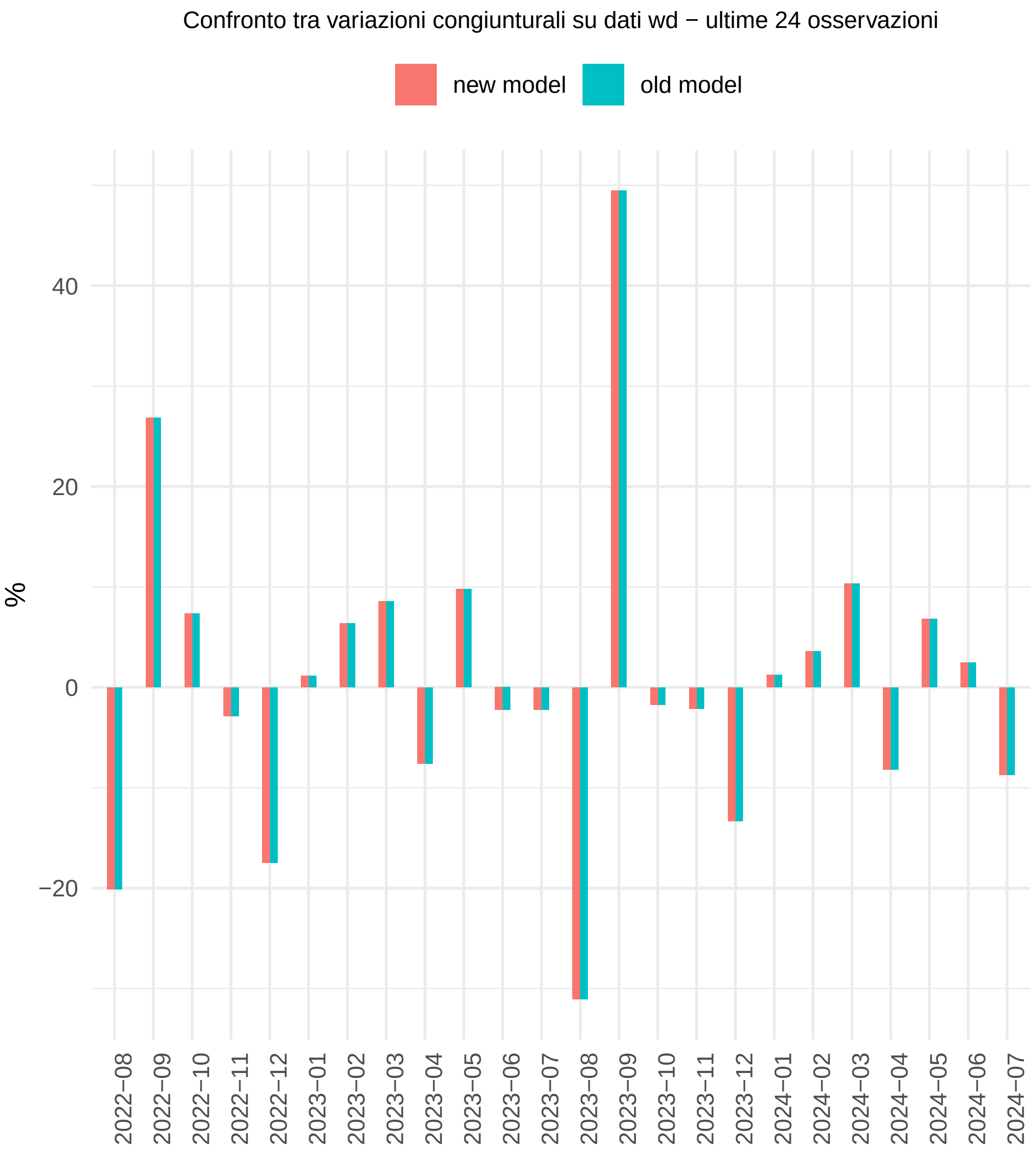
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
40
20
0
−20
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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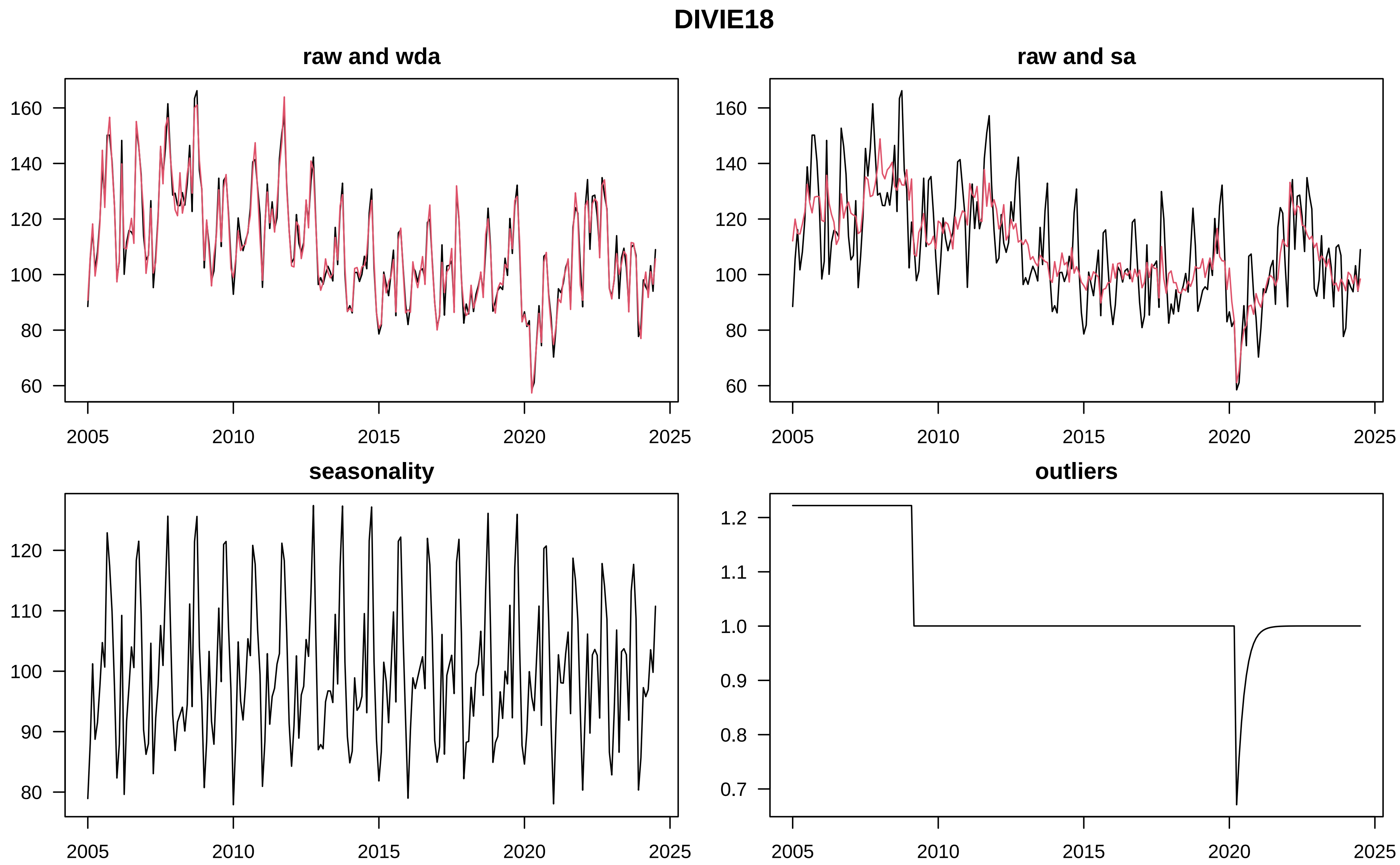
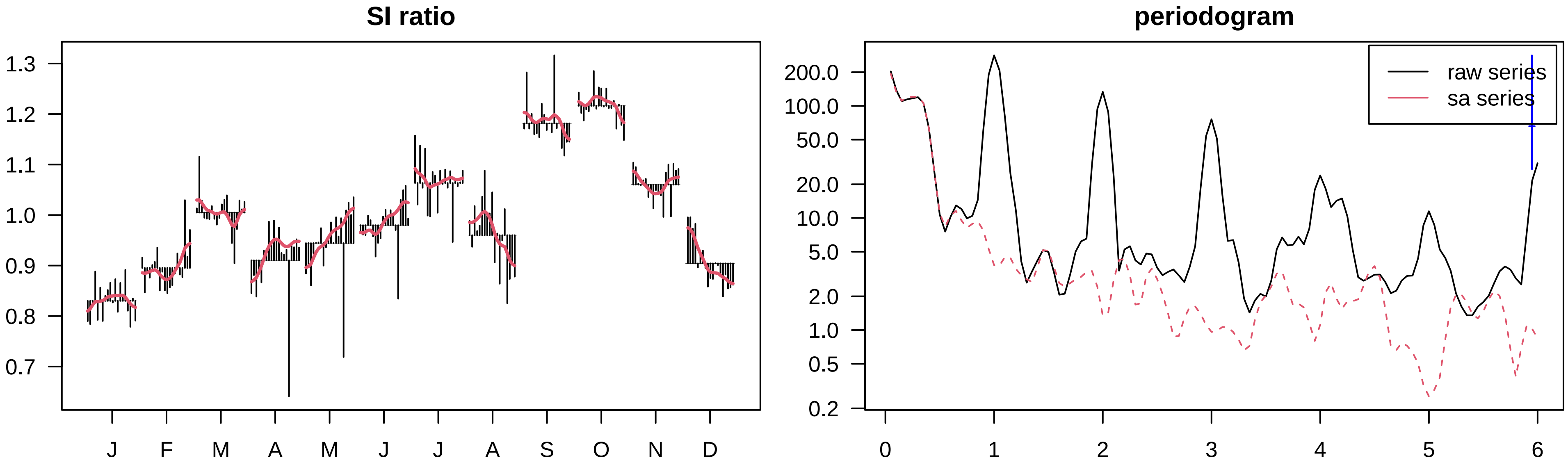
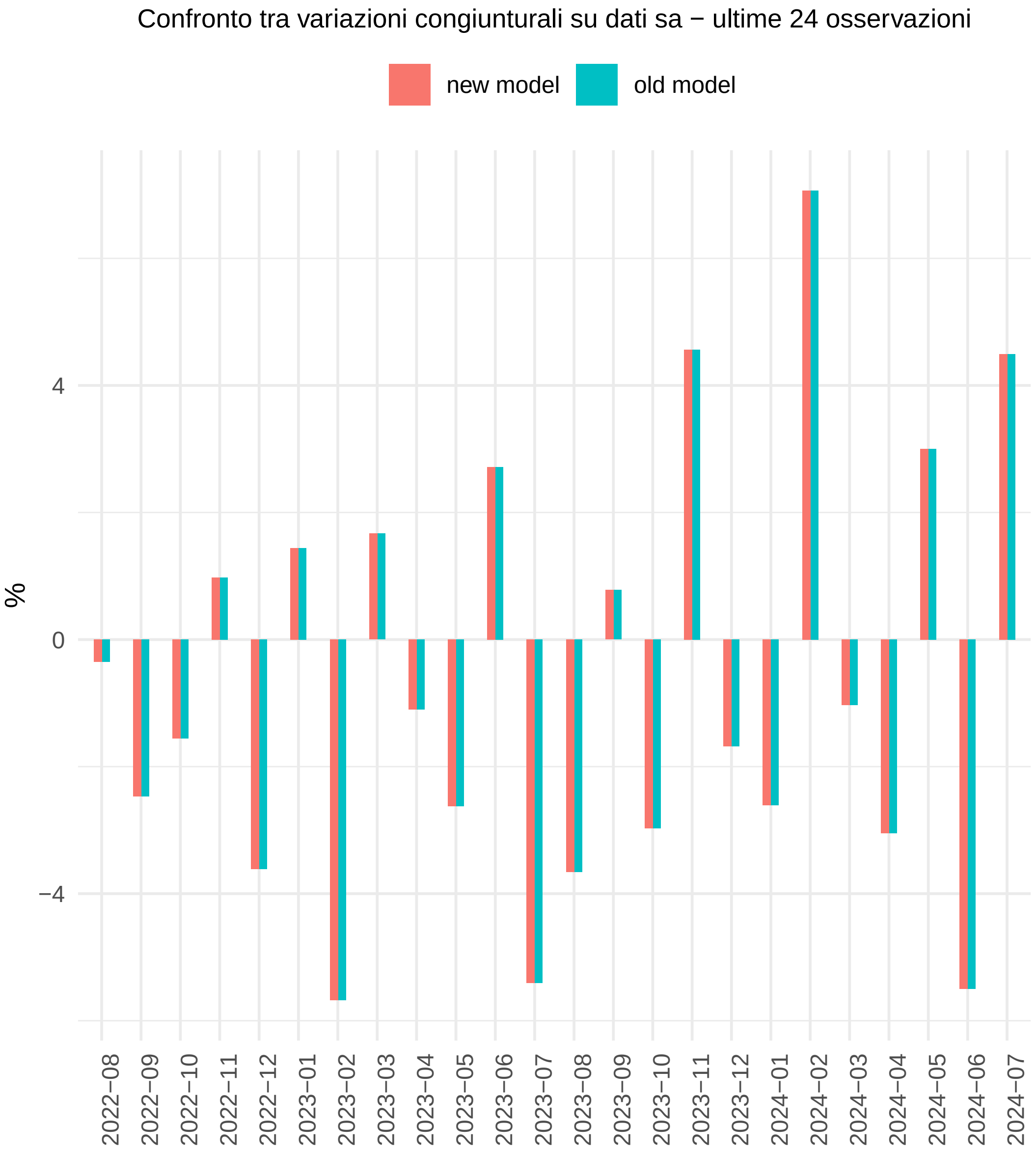

DIVIE18
raw and wda
raw and sa
seasonality
outliers
160
140
120
100
80
60
120
110
100
90
80
1.2
1.1
1.0
0.9
0.8
0.7
2005
2010
2015
2020
2025

DIVIE18



SI ratio
1.3
1.2
1.1
1.0
0.9
0.8
0.7
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0.2
0
1
2
3
4
5
6
raw series
sa series

DIVIE18


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
4
0
−4
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
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2023−09
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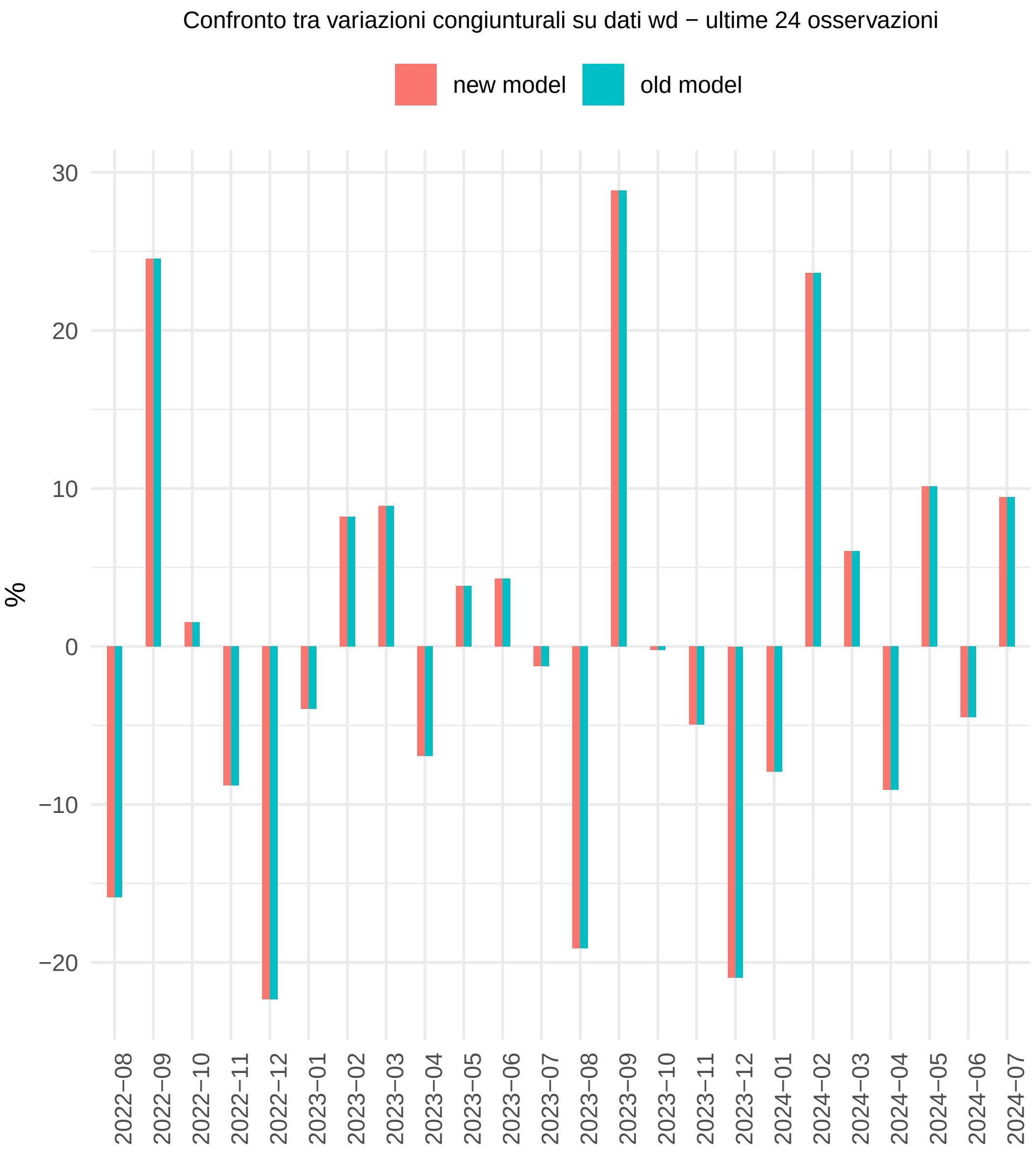
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
30
20
10
0
−10
−20
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
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2023−09
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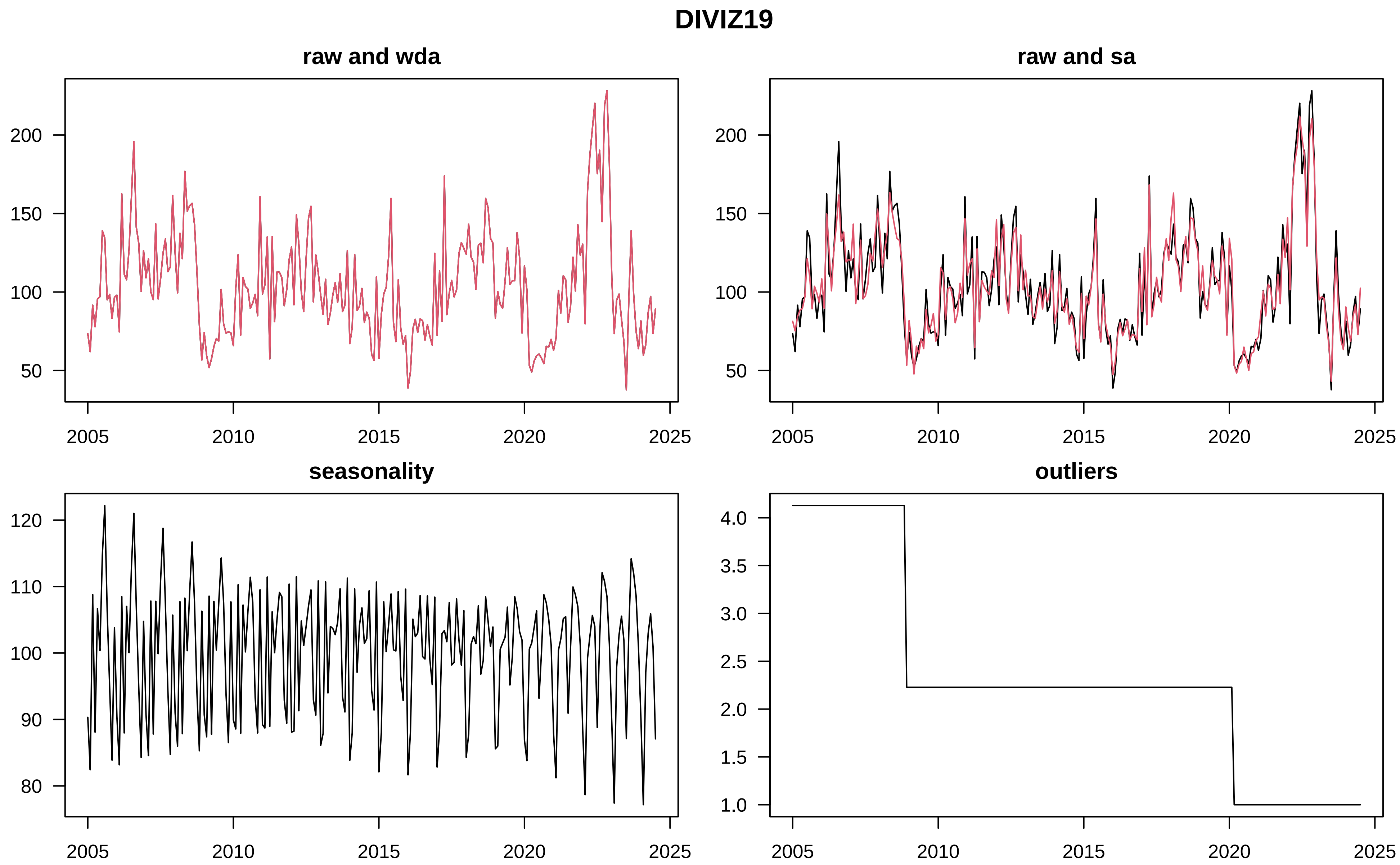
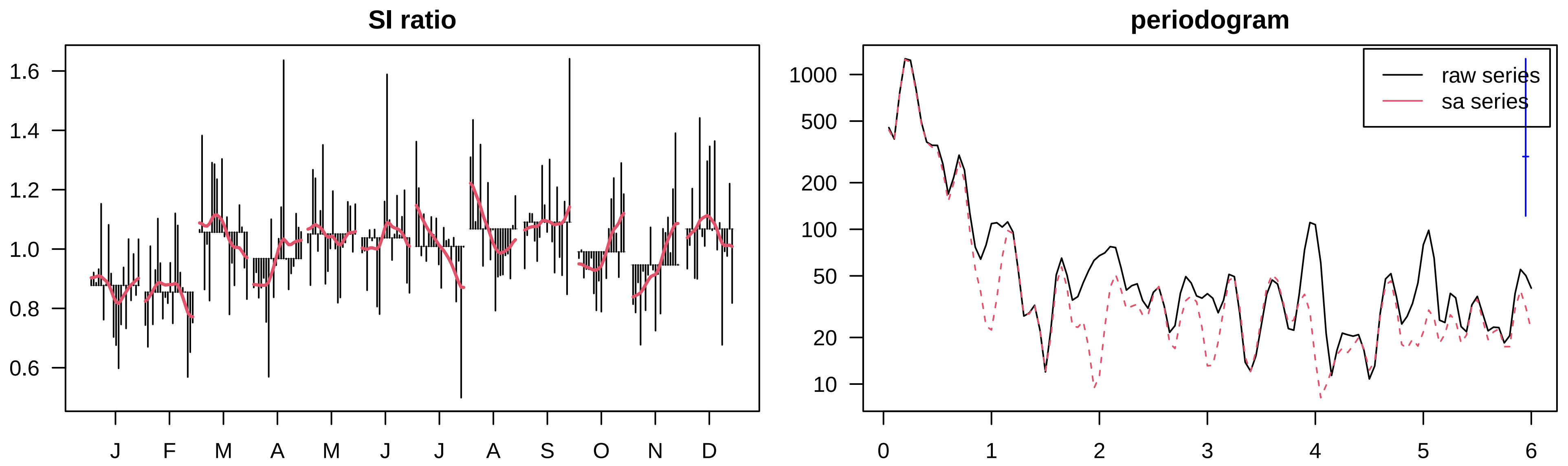
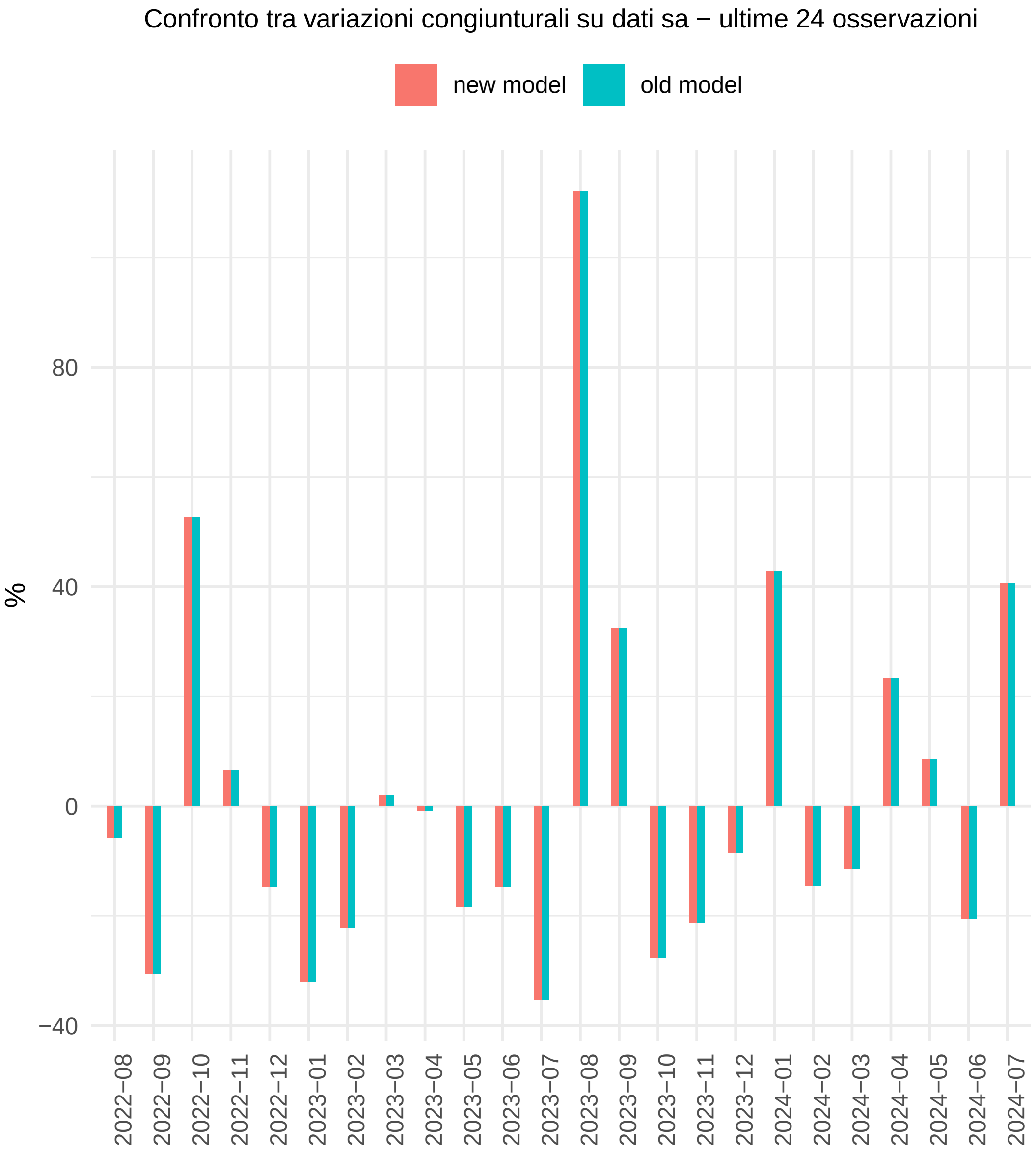

DIVIZ19
raw and wda
raw and sa
seasonality
outliers
200
150
100
50
2005
2010
2015
2020
2025
120
110
100
90
80
4.0
3.5
3.0
2.5
2.0
1.5
1.0

DIVIZ19


SI ratio
1.6
1.4
1.2
1.0
0.8
0.6
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1000
500
200
100
50
20
10
0
1
2
3
4
5
6
raw series
sa series

DIVIZ19


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
80
40
0
−40
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
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2023−03
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2023−09
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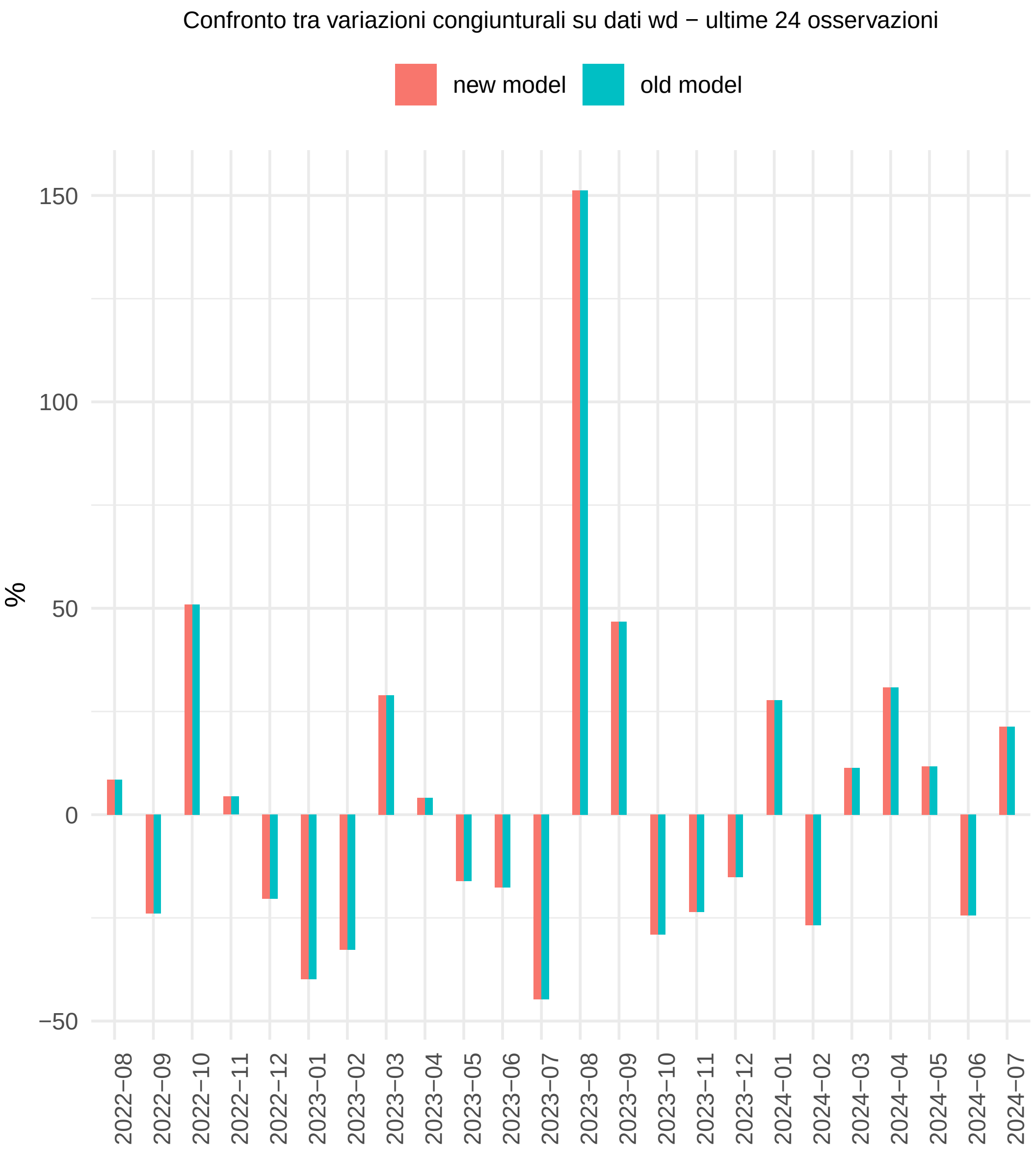
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
150
100
50
0
−50
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
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2023−09
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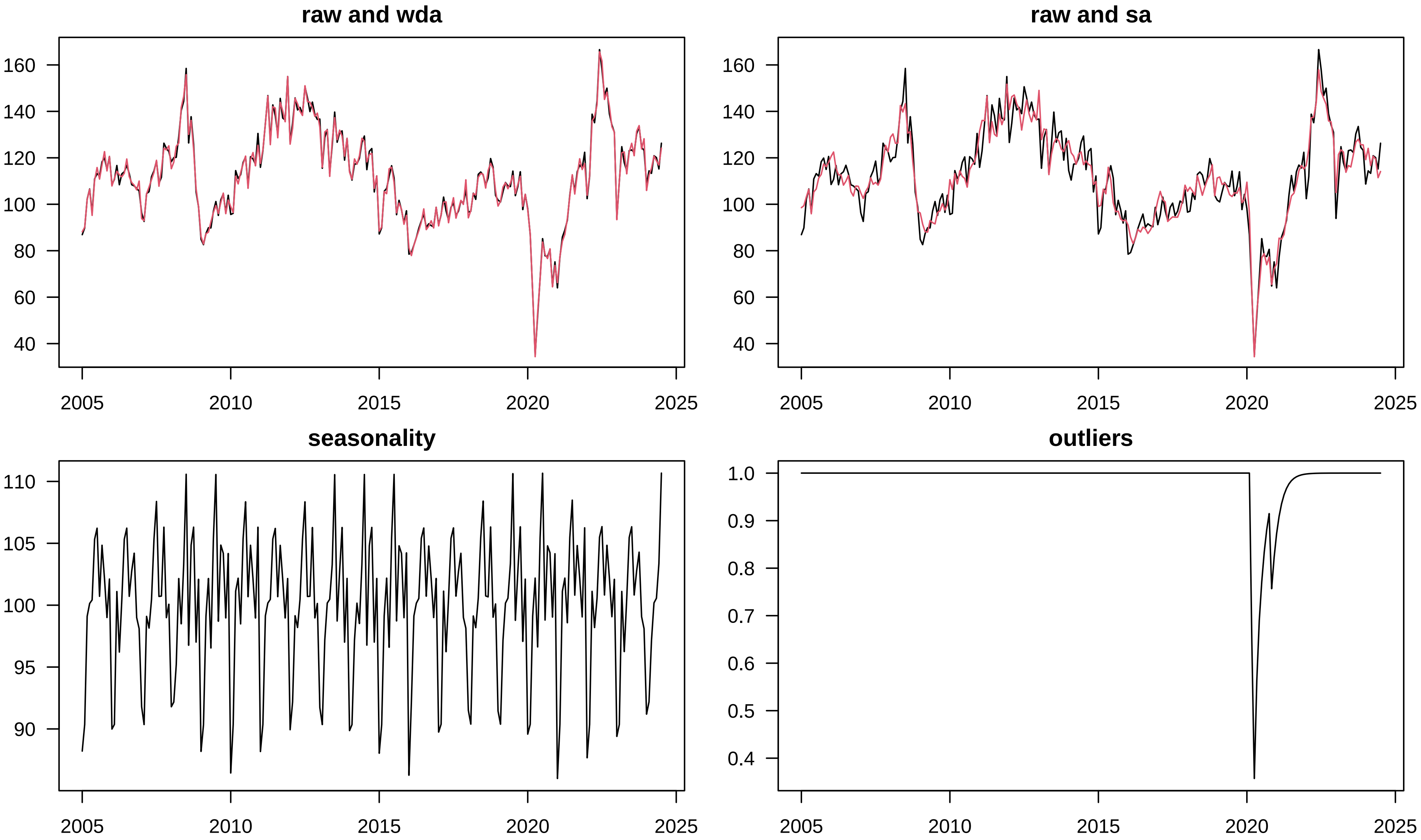
2024−06
2024−07

DIVID19


raw and wda
raw and sa
seasonality
outliers
160
140
120
100
80
60
40
110
105
100
95
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1.0
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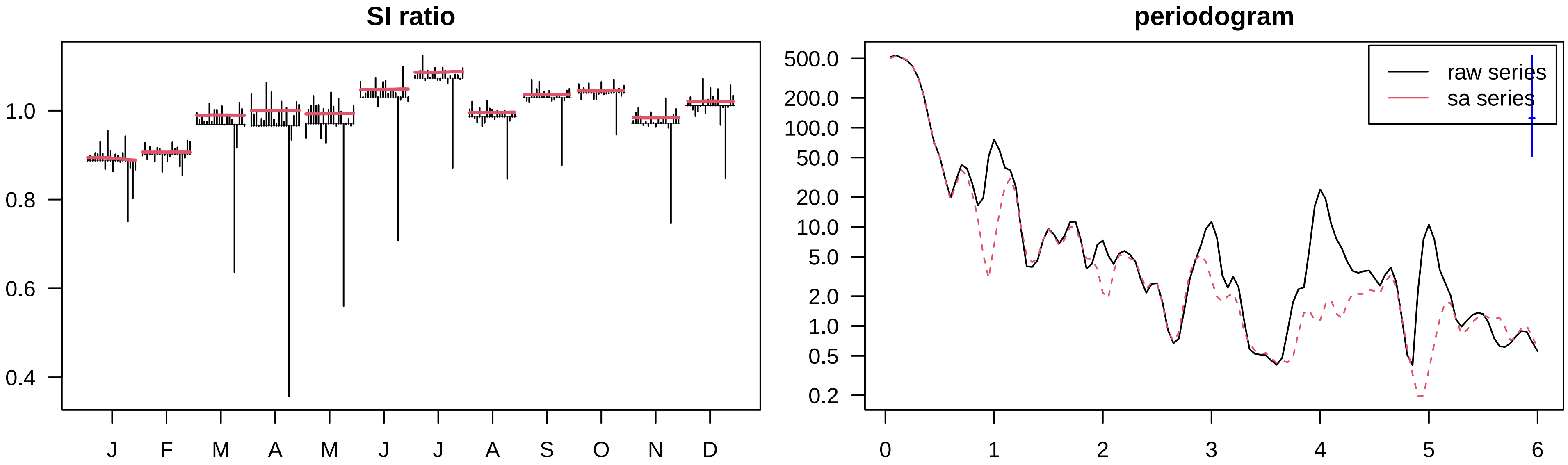
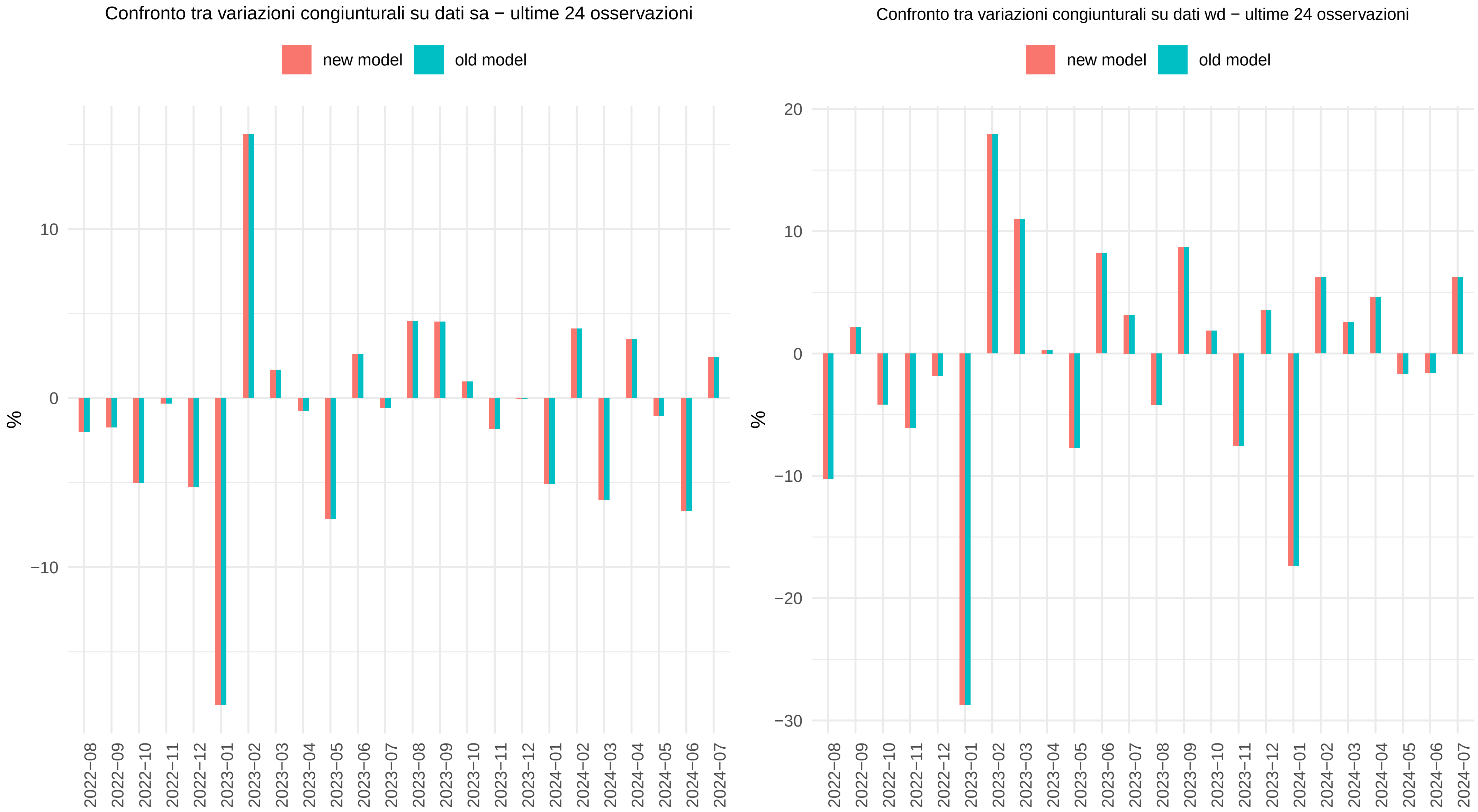
0.8
0.7
0.6
0.5
0.4
2005
2010
2015
2020
2025

DIVID19

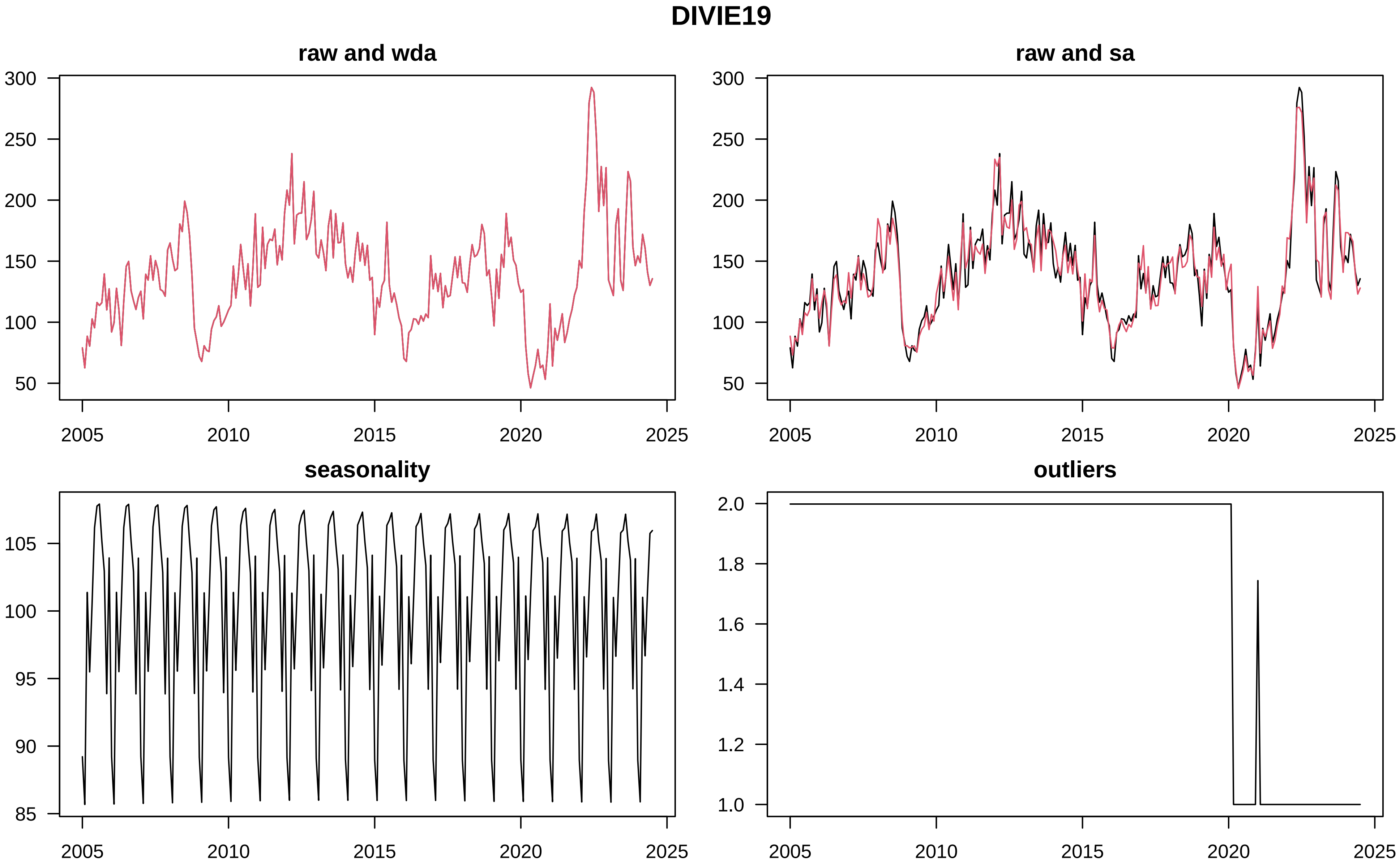

SI ratio
1.0
0.8
0.6
0.4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0.2
0
1
2
3
4
5
6
raw series
sa series

DIVID19



Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni


DIVIE19
raw and wda
300
250
200
150
100
50
2005
2010
2015
2020
2025
raw and sa
300
250
200
150
100
50
2005
2010
2015
2020
2025
seasonality
105
100
95
90
85
2005
2010
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outliers
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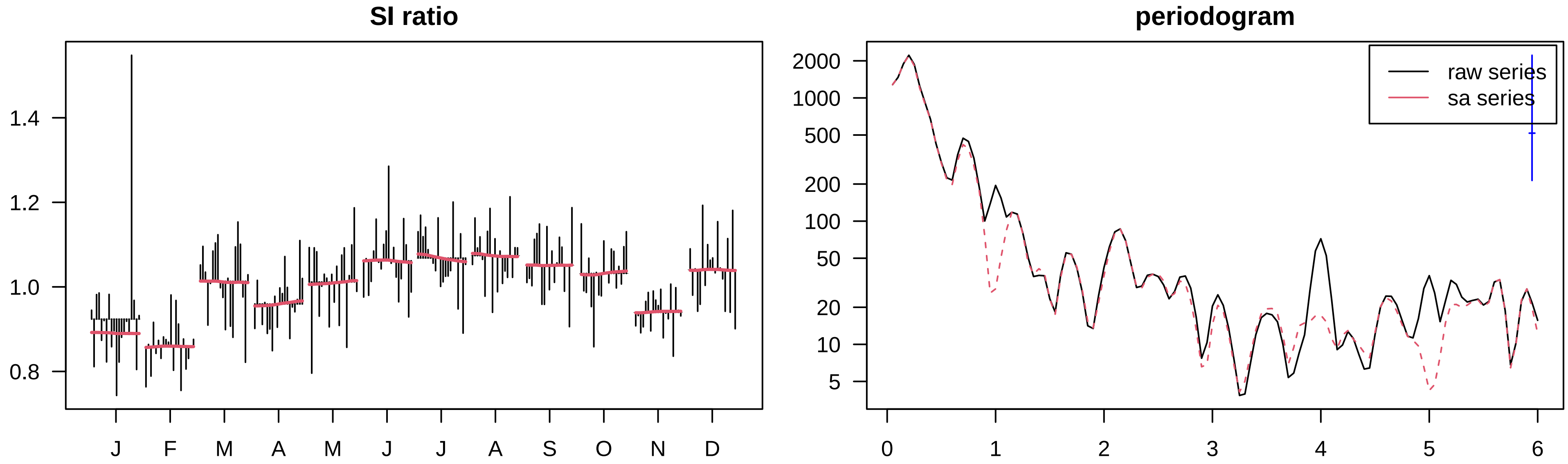
1.4
1.2
1.0
2005
2010
2015
2020
2025

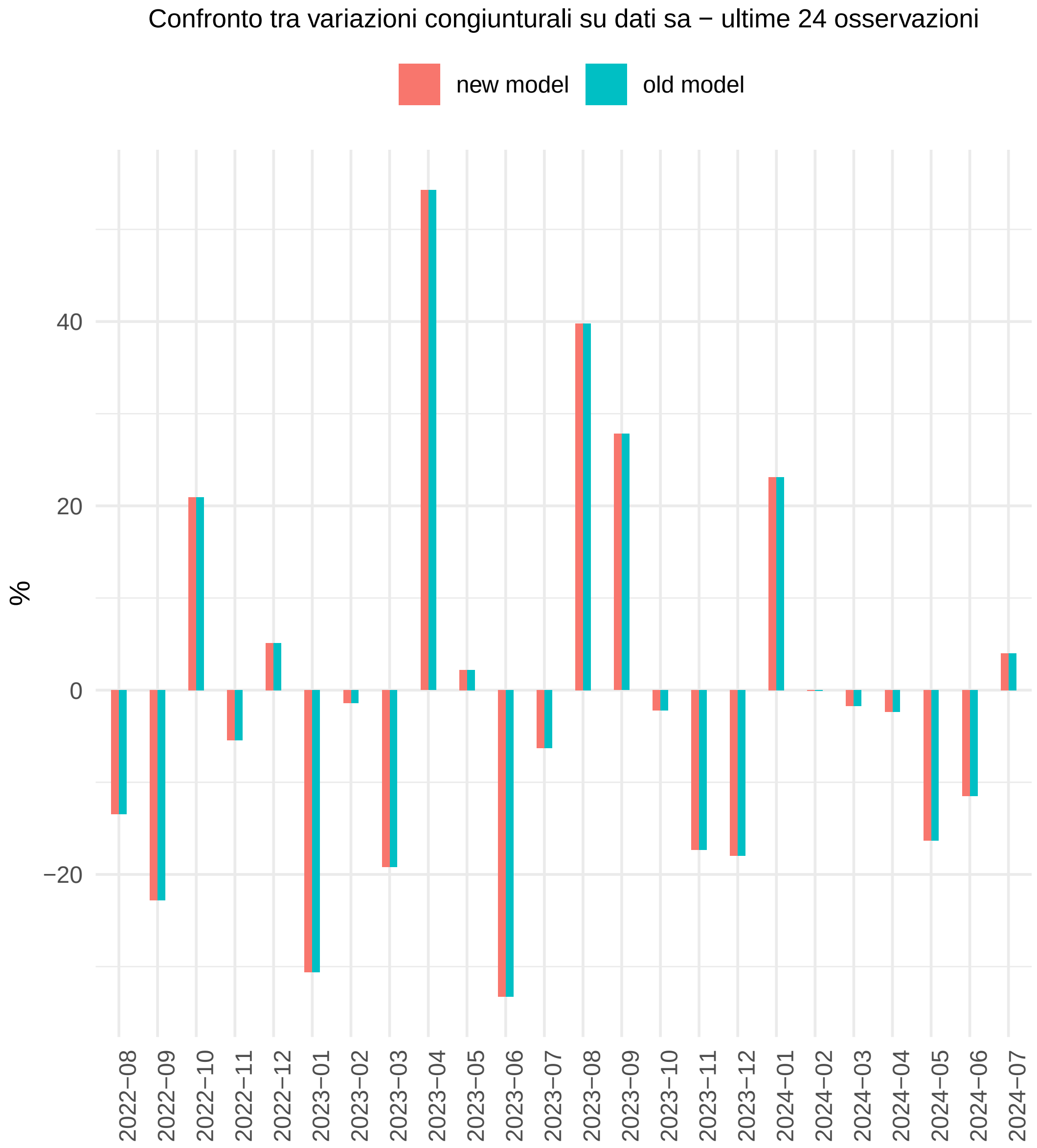


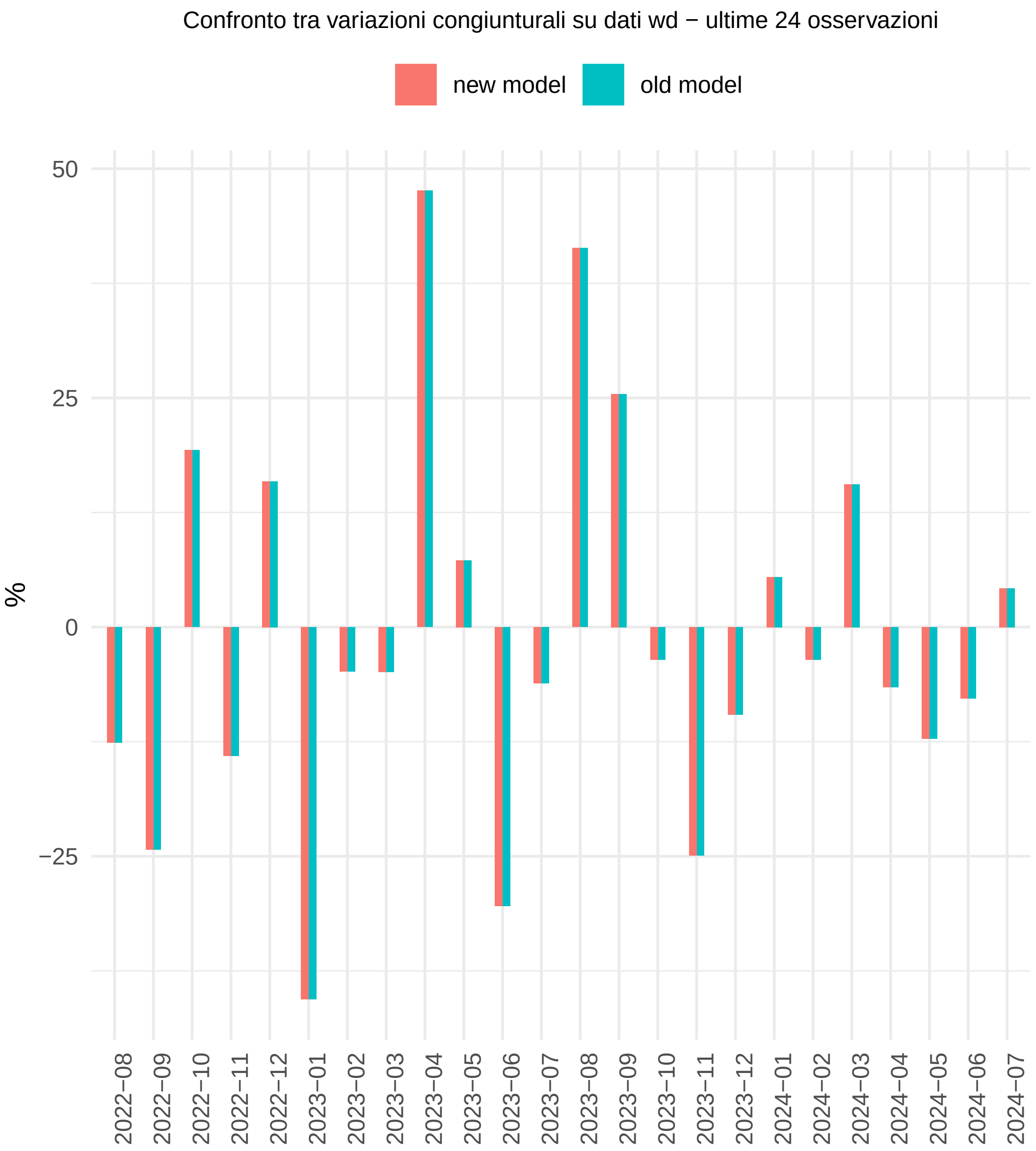
DIVIE19

SI ratio

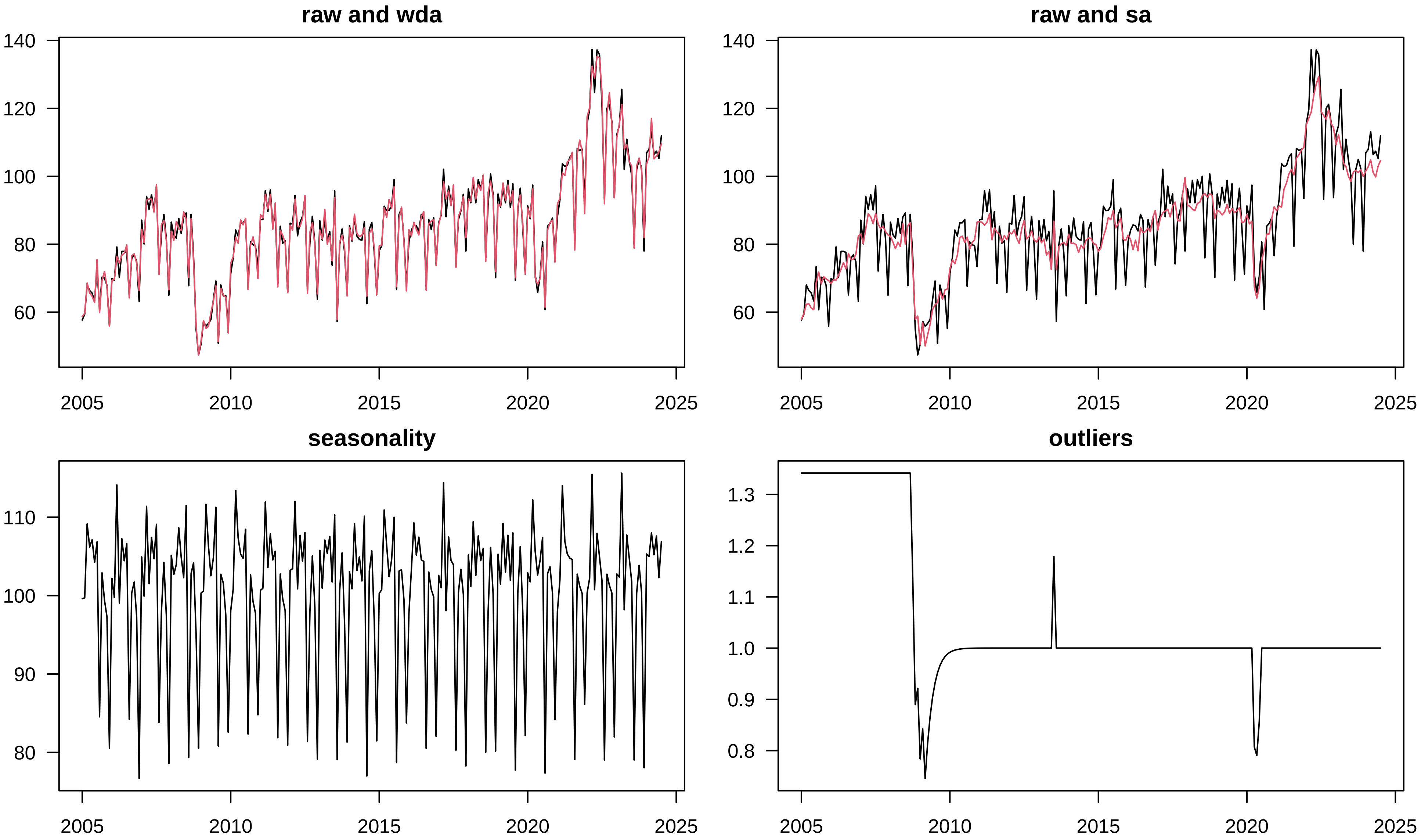
periodogram

DIVIE19

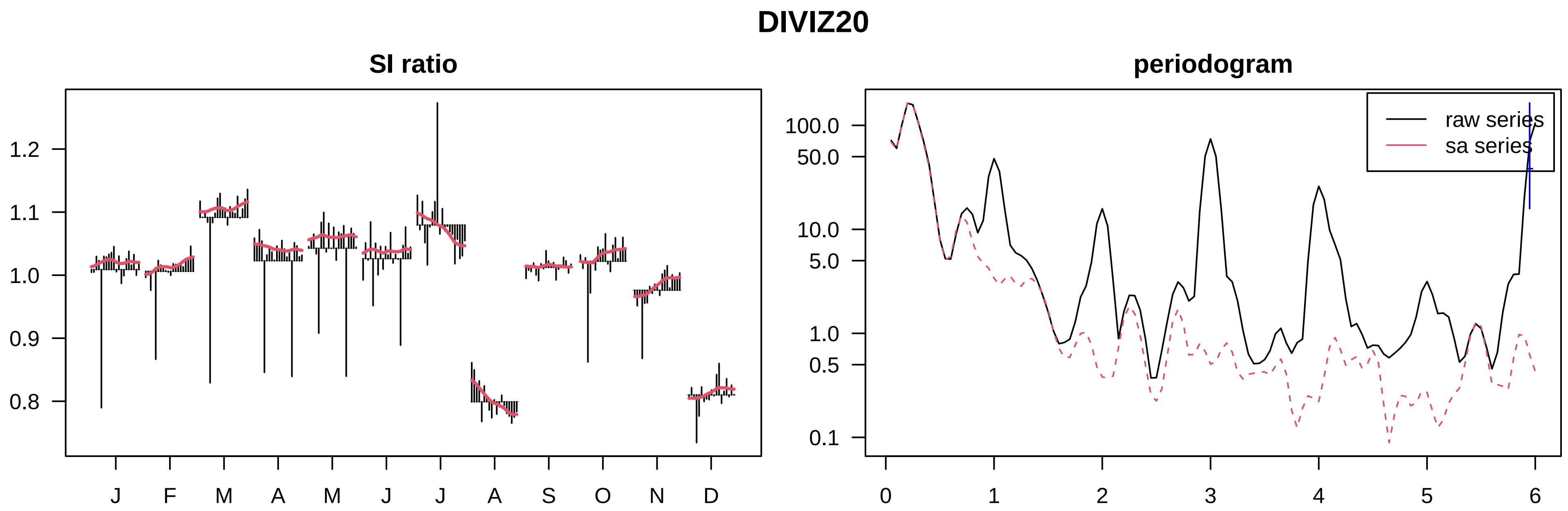

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

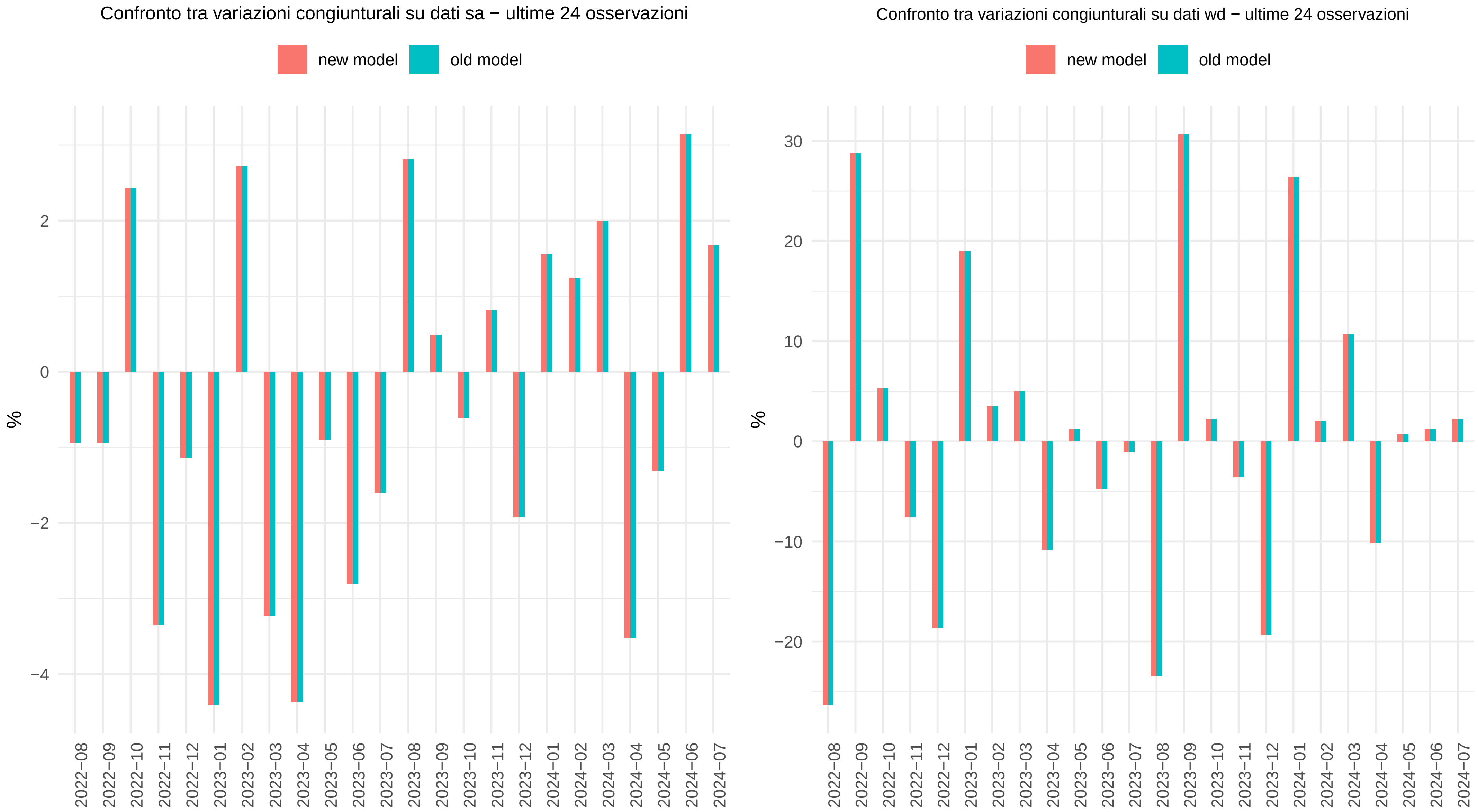
DIVIZ20



raw and wda
raw and sa
seasonality
outliers
140
120
100
80
60
110
100
90
80
1.3
1.2
1.1
1.0
0.9
0.8
2005
2010
2015
2020
2025


DIVIZ20
SI ratio
1.2
1.1
1.0
0.9
0.8
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
100.0
50.0
10.0
5.0
1.0
0.5
0.1
0
1
2
3
4
5
6
raw series
sa series

DIVIZ20


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
2
0
−2
−4
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
30
20
10
0
−10
−20
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
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2023−09
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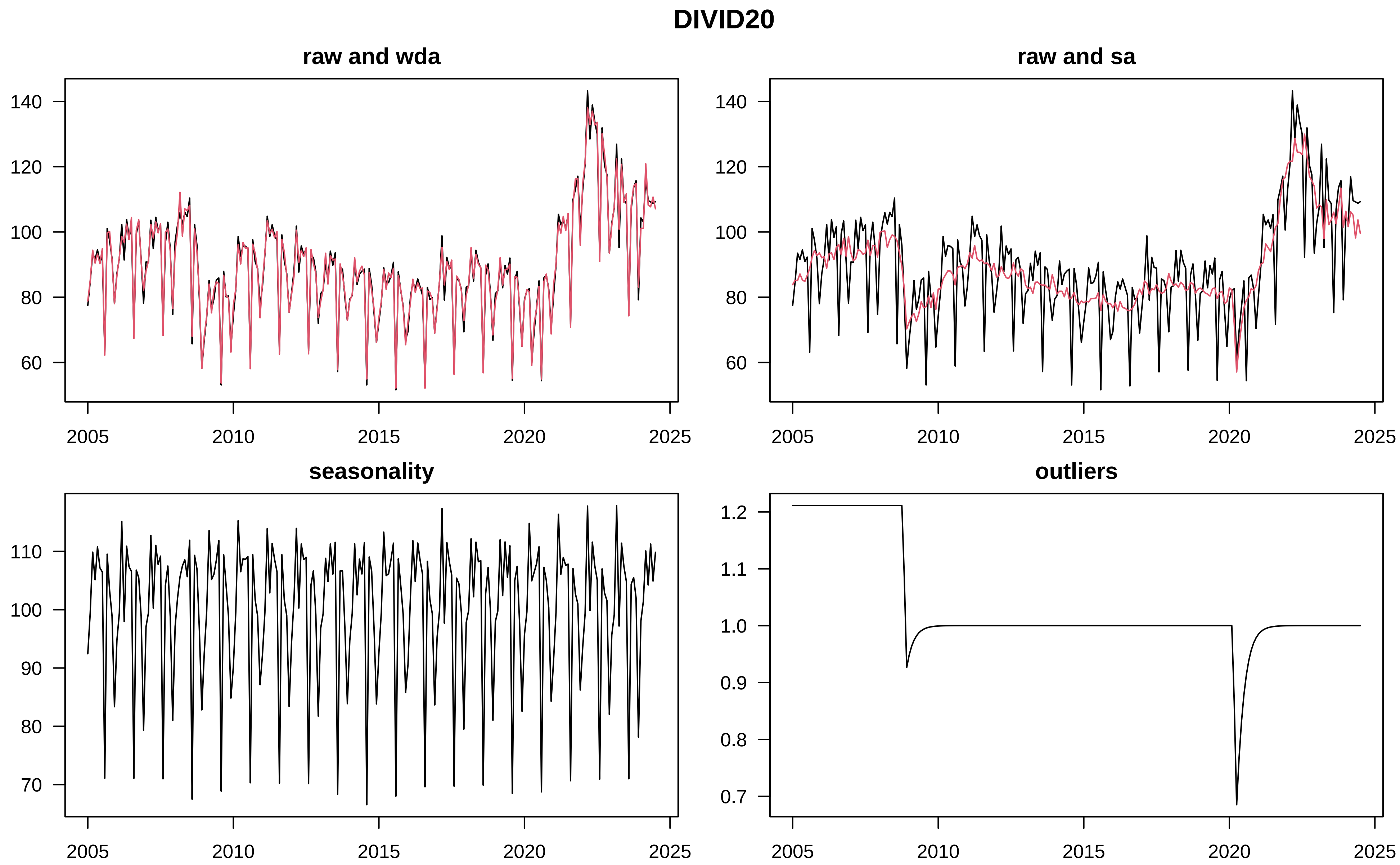
2024−06
2024−07



DIVID20

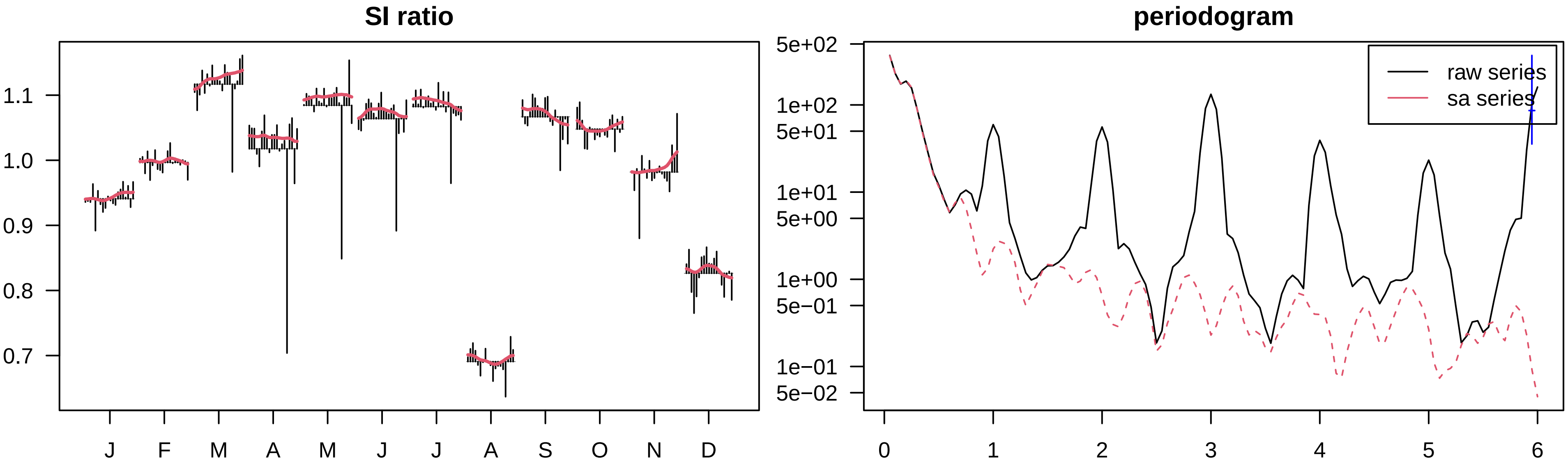
raw and wda

raw and sa

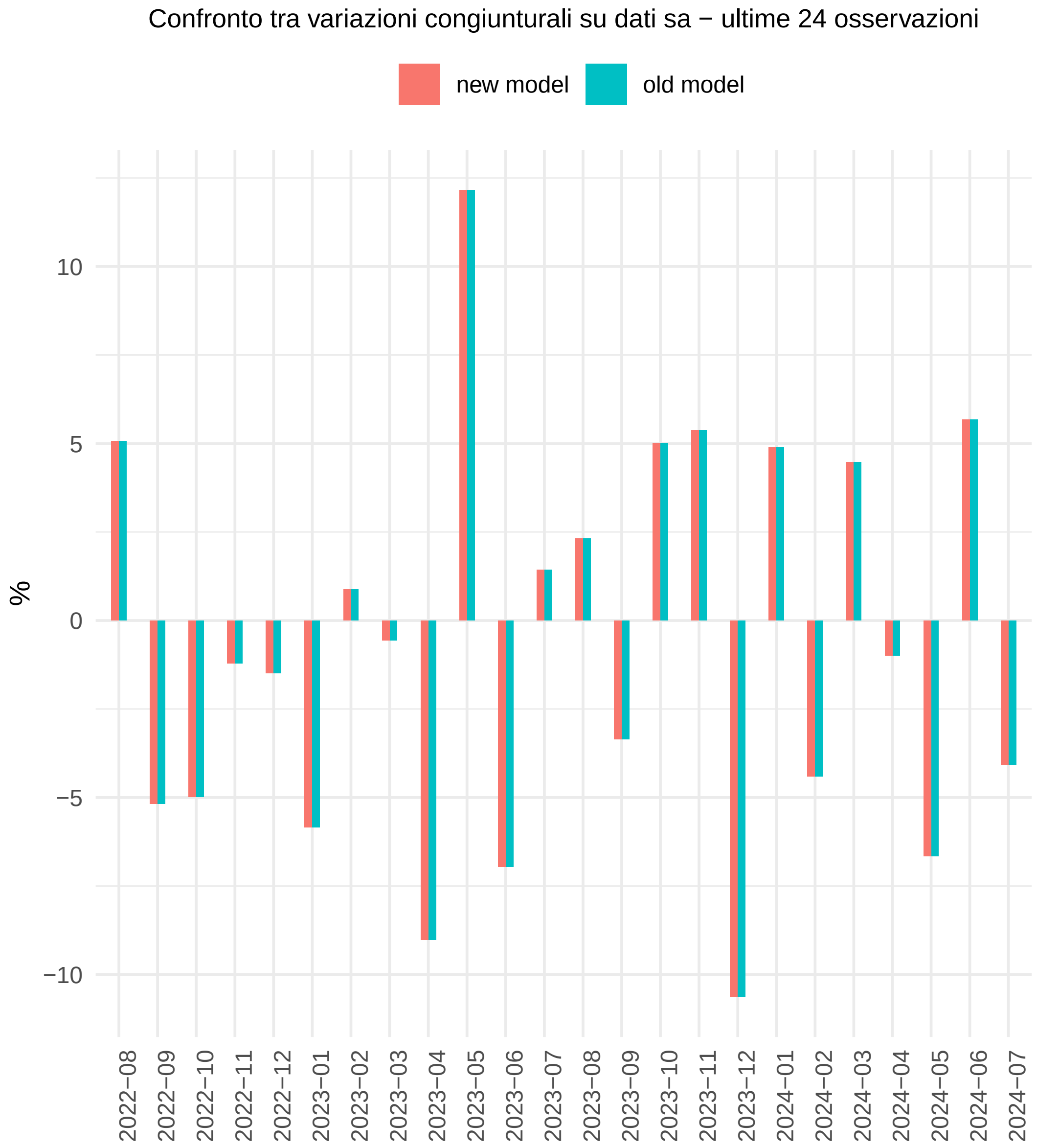
seasonality

outliers

DIVID20


SI ratio
1.1
1.0
0.9
0.8
0.7
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
5e+02
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
1e−01
5e−02
0
1
2
3
4
5
6
raw series
sa series

DIVID20



Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
10
5
0
−5
−10
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
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2023−09
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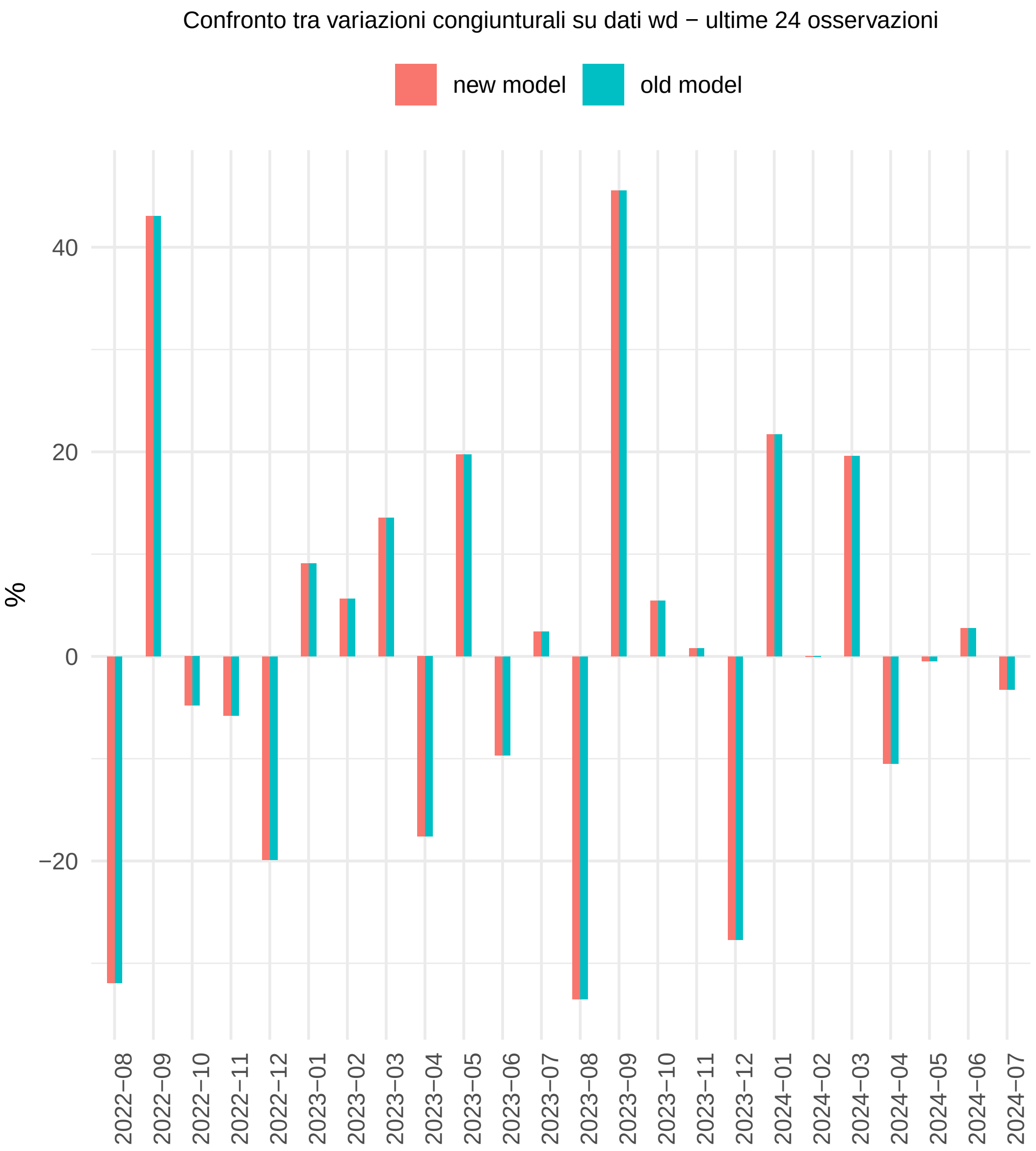
2024−06
2024−07



Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
40
20
0
−20
2022−08
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2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
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2023−09
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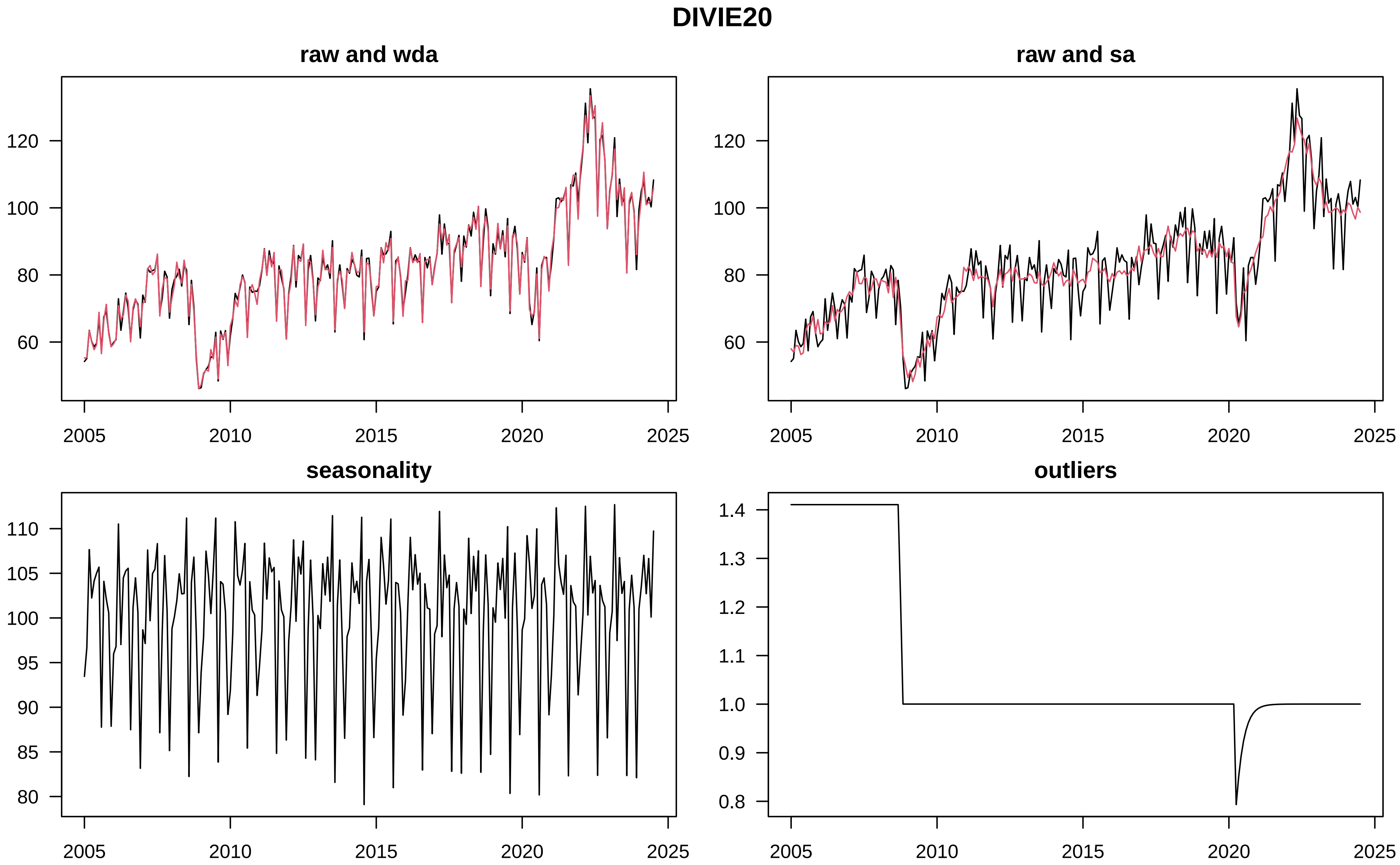
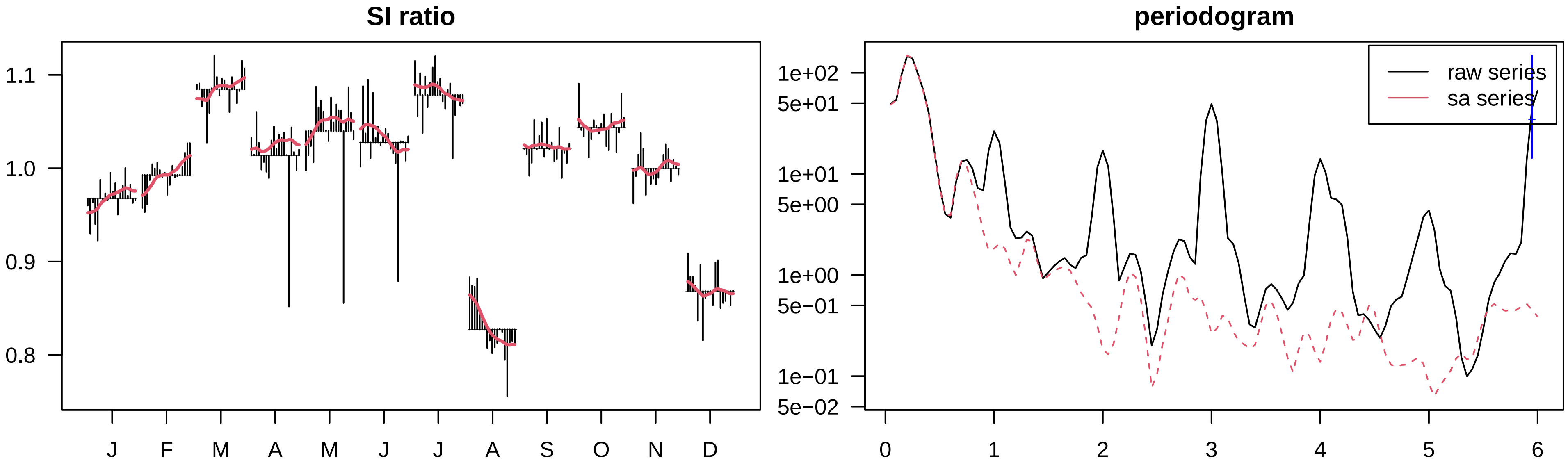
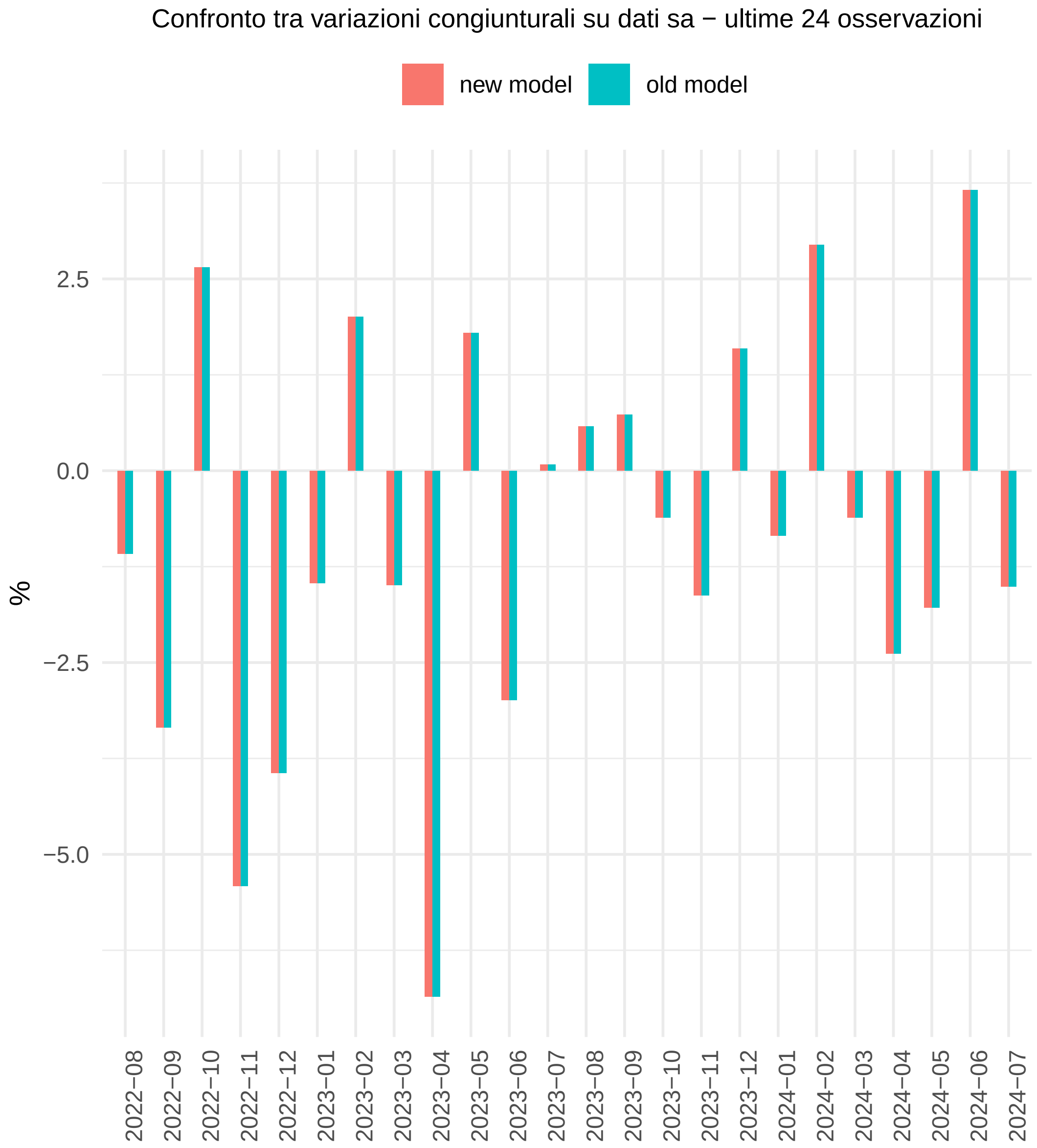
2024−07


DIVIE20
raw and wda
120
100
80
60
2005
2010
2015
2020
2025
raw and sa
120
100
80
60
2005
2010
2015
2020
2025
seasonality
110
105
100
95
90
85
80
2005
2010
2015
2020
2025
outliers
1.4
1.3
1.2
1.1
1.0
0.9
0.8
2005
2010
2015
2020
2025

DIVIE20


SI ratio
1.1
1.0
0.9
0.8
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
1e−01
5e−02
0
1
2
3
4
5
6

DIVIE20


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
2.5
0.0
−2.5
−5.0
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
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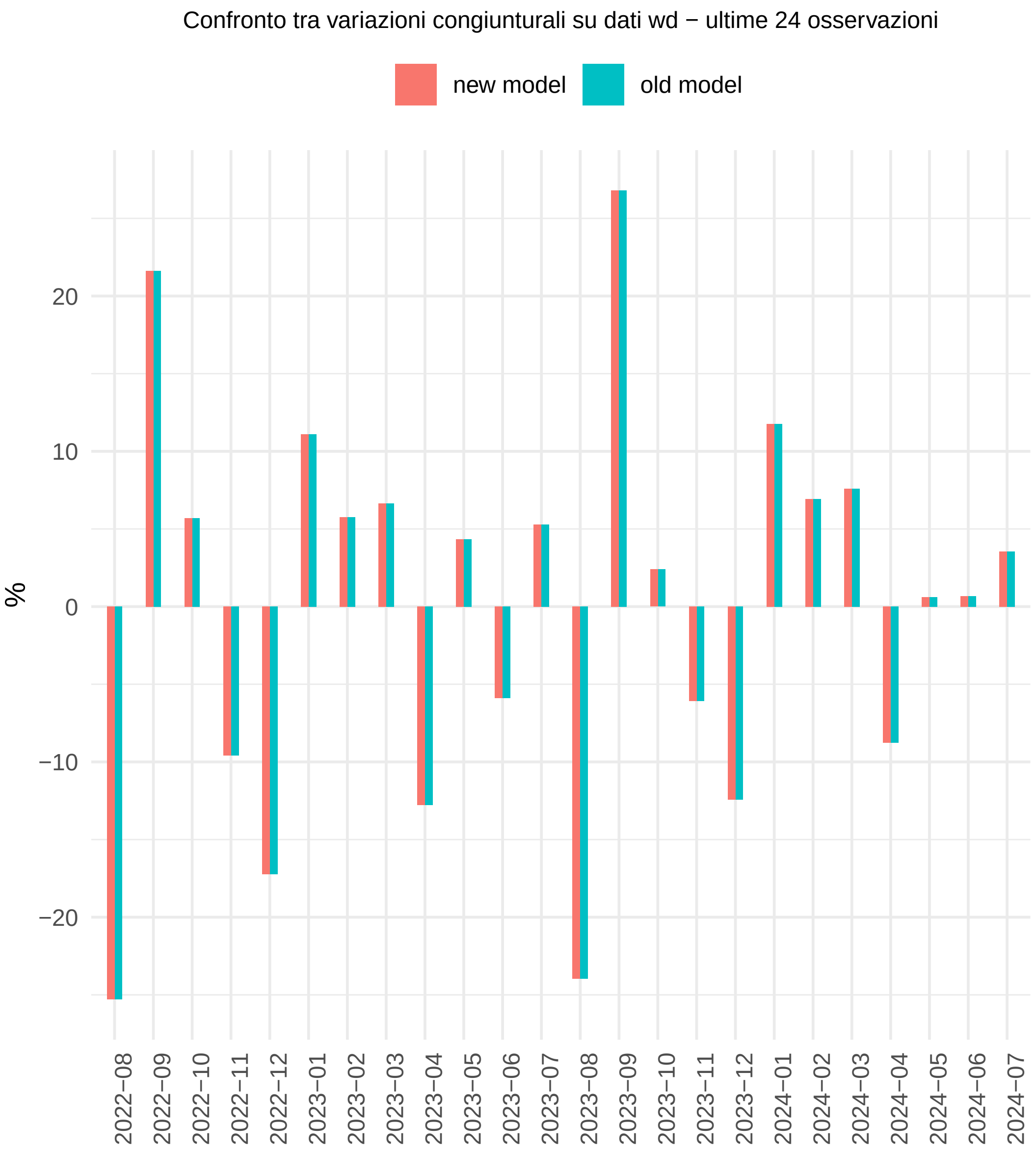
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
20
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0
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−20
2022−08
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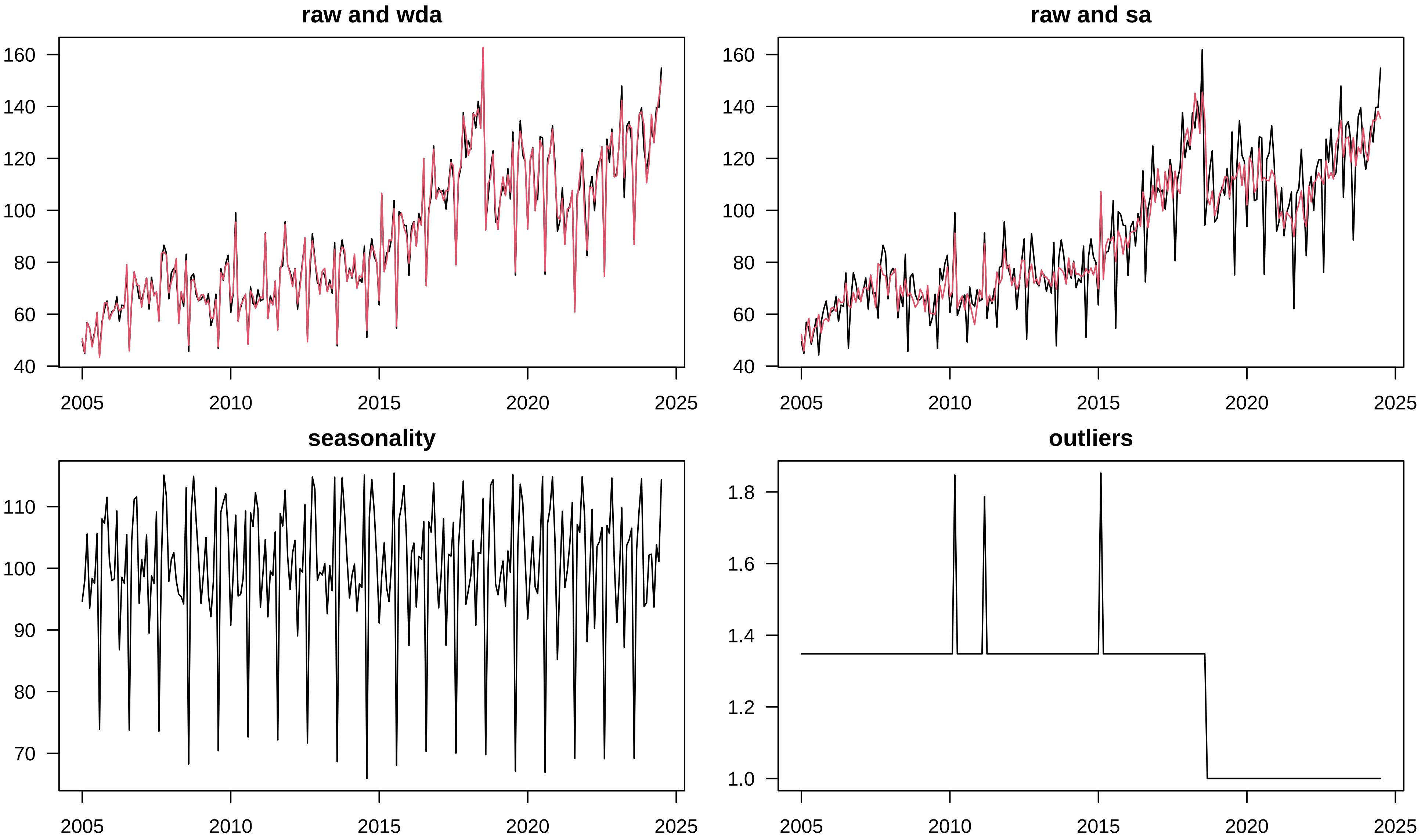
DIVIZ21


raw and wda
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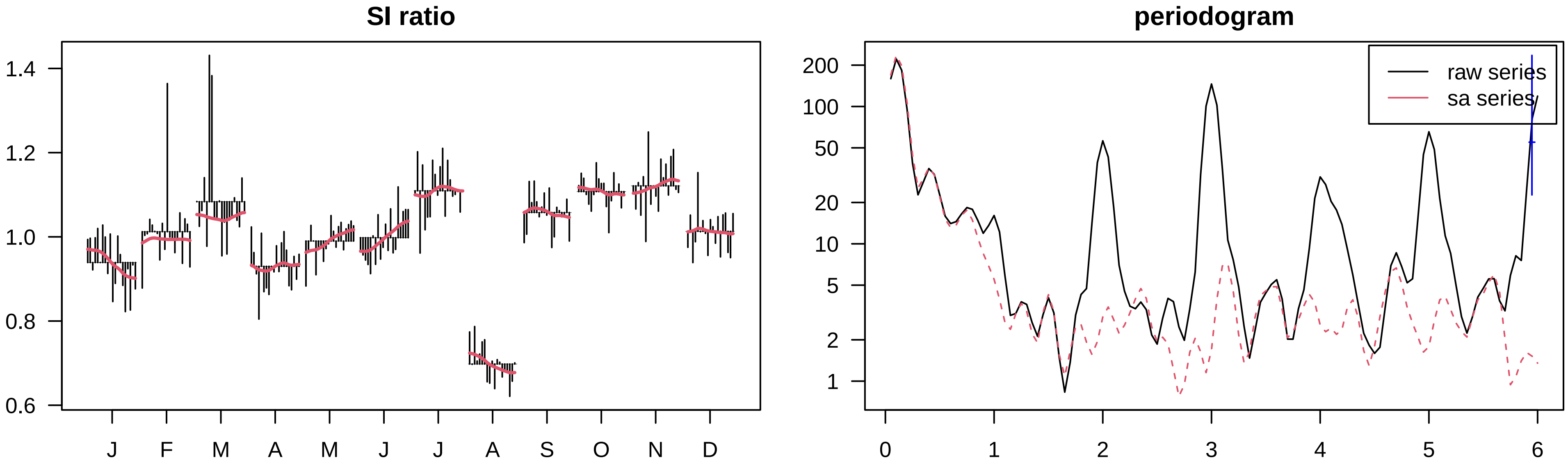
140
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
160
140
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
110
100
90
80
70
2005
2010
2015
2020
2025
outliers
1.8
1.6
1.4
1.2
1.0
2005
2010
2015
2020
2025

DIVIZ21


SI ratio
1.4
1.2
1.0
0.8
0.6
J
F
M
A
M
J
J
A
S
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N
D
periodogram
200
100
50
20
10
5
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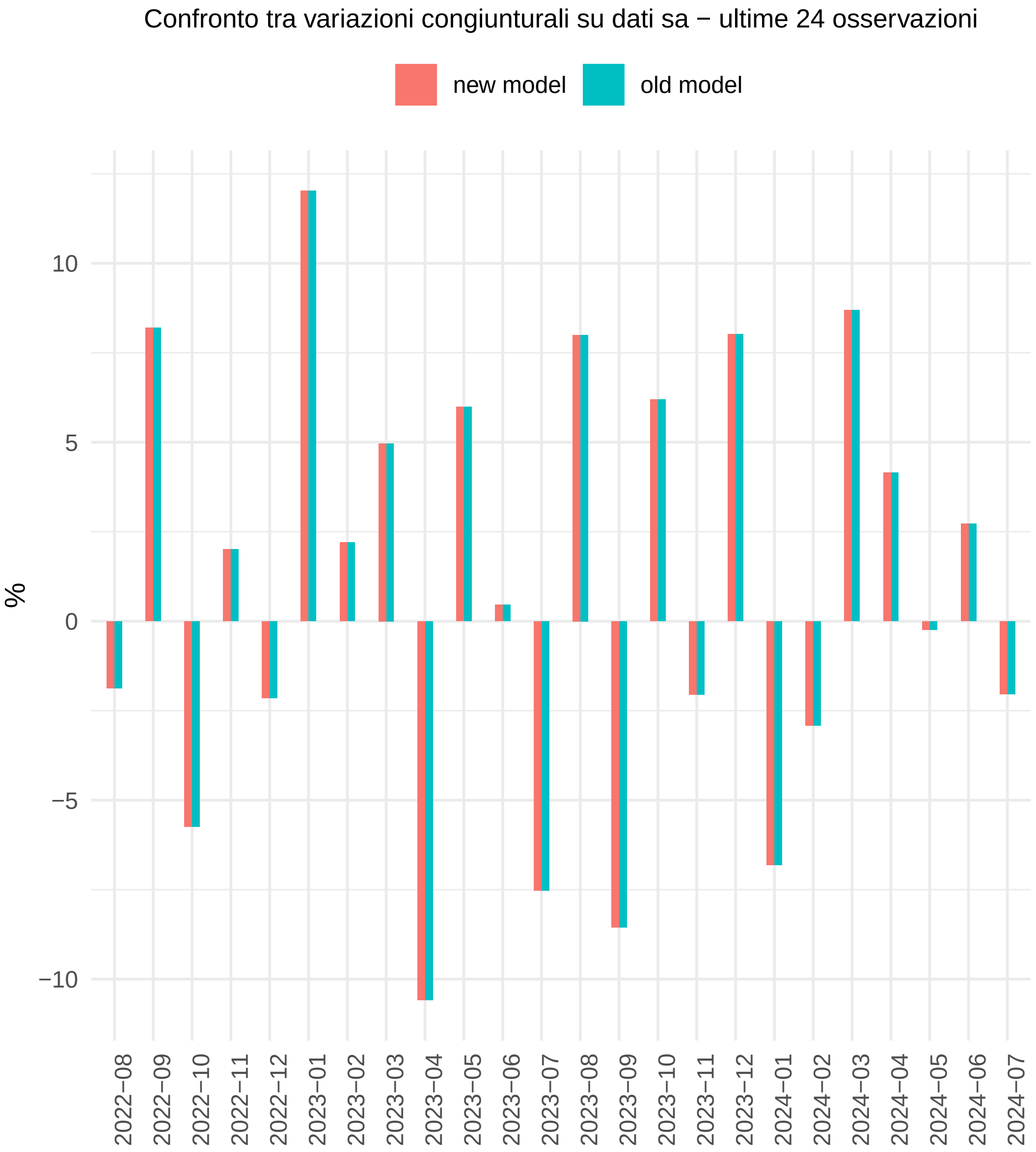
1
0
1
2
3
4
5
6
raw series
sa series

DIVIZ21



Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
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2022−08
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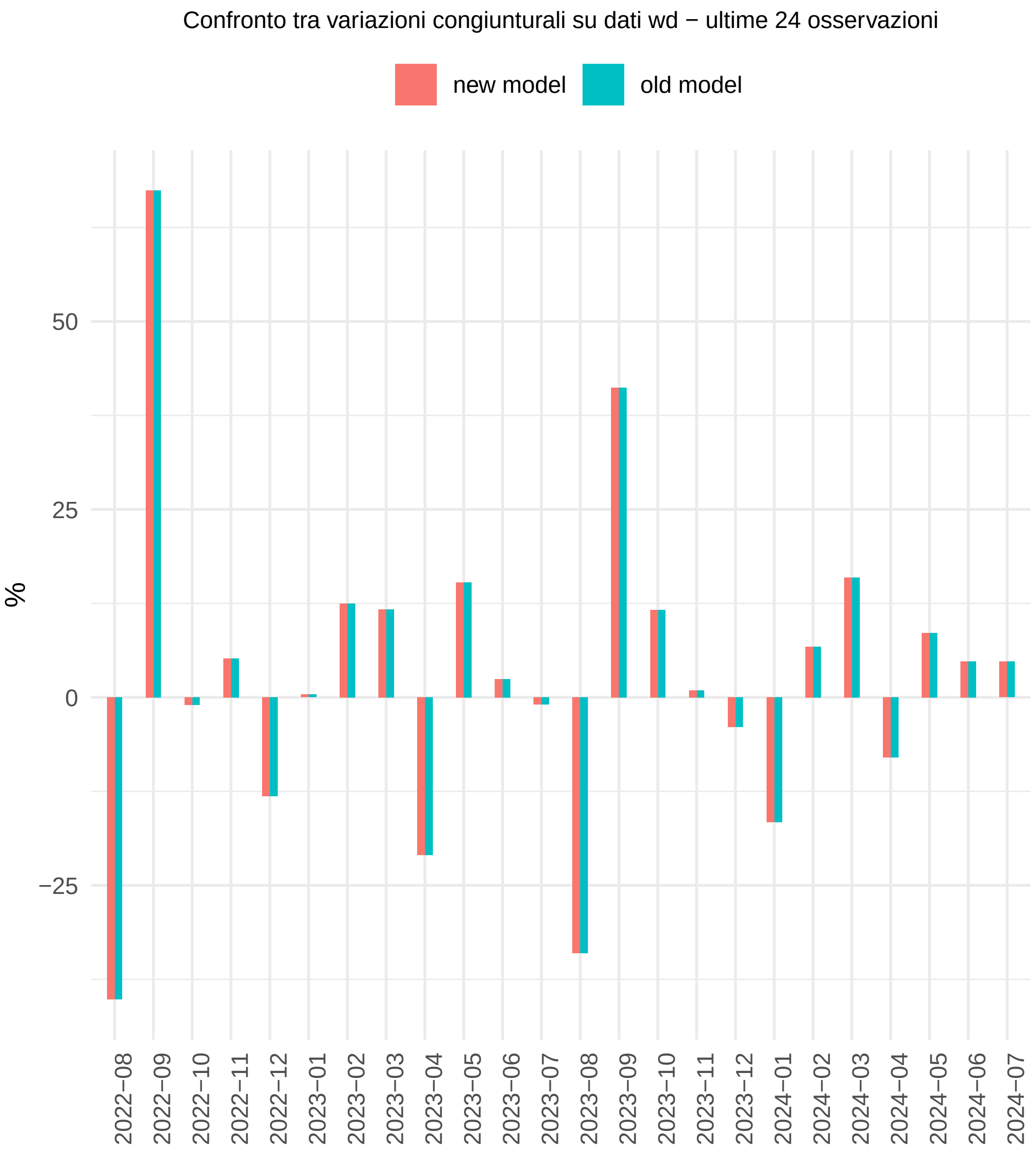
2024−06
2024−07



Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
50
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−25
2022−08
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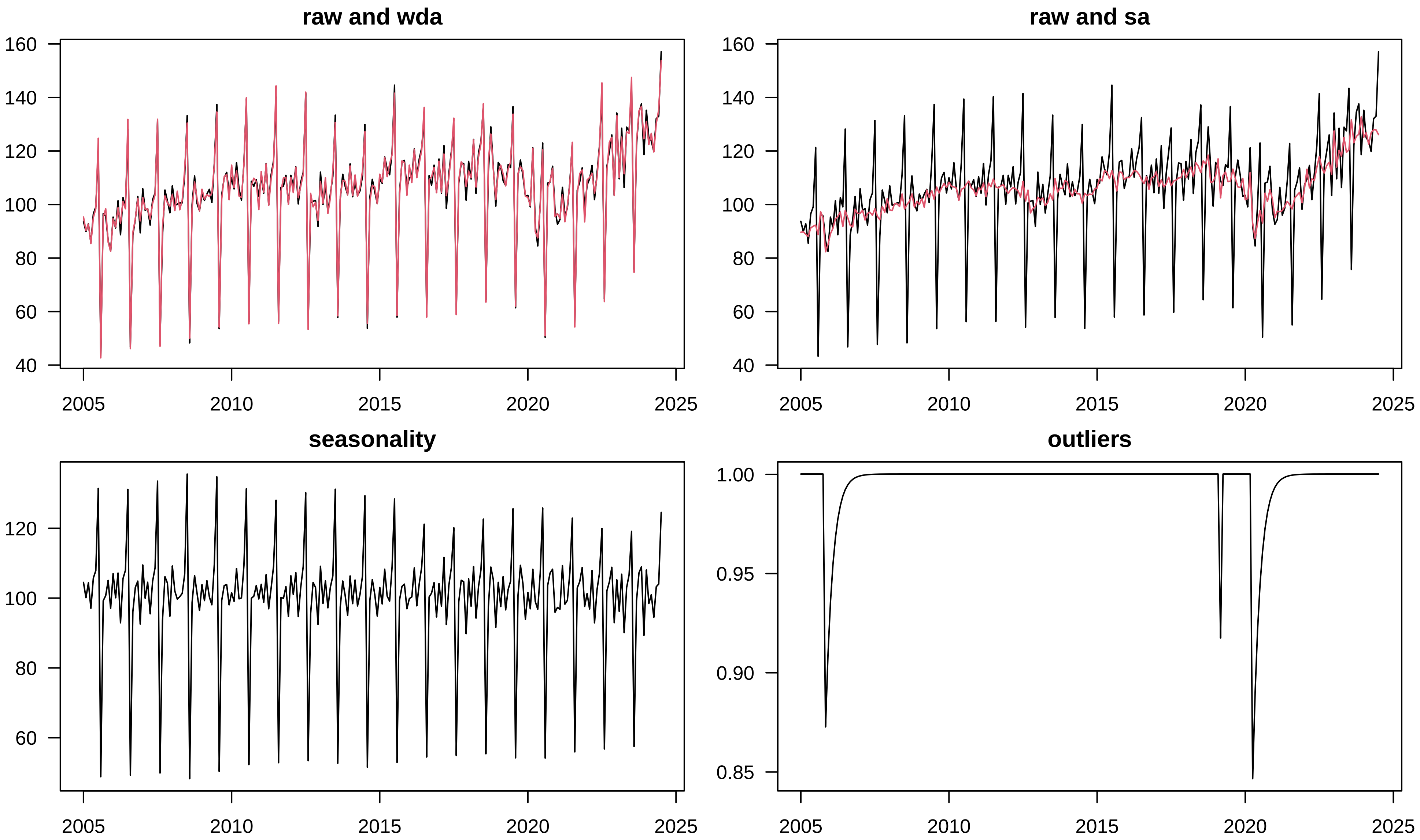
DIVID21


raw and wda
160
140
120
100
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2005
2010
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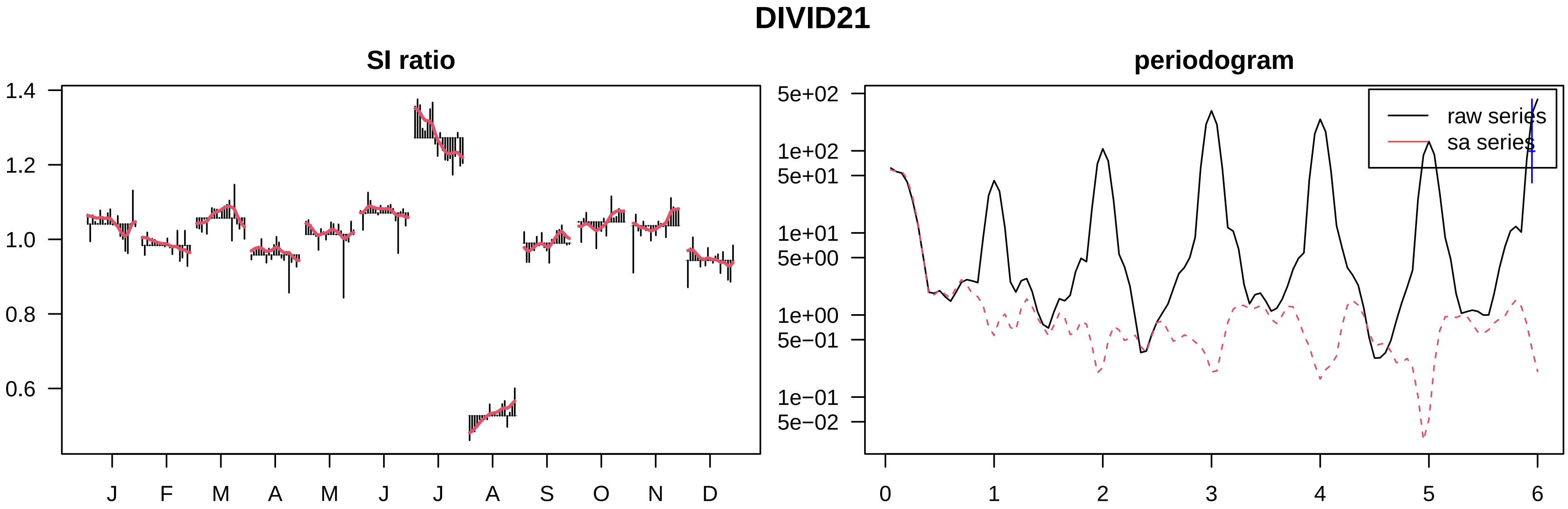
2025
raw and sa
160
140
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
120
100
80
60
2005
2010
2015
2020
2025
outliers
1.00
0.95
0.90
0.85
2005
2010
2015
2020
2025


DIVID21
SI ratio
1.4
1.2
1.0
0.8
0.6
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
5e+02
1e+02
5e+01
1e+01
5e+00
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1e−01
5e−02
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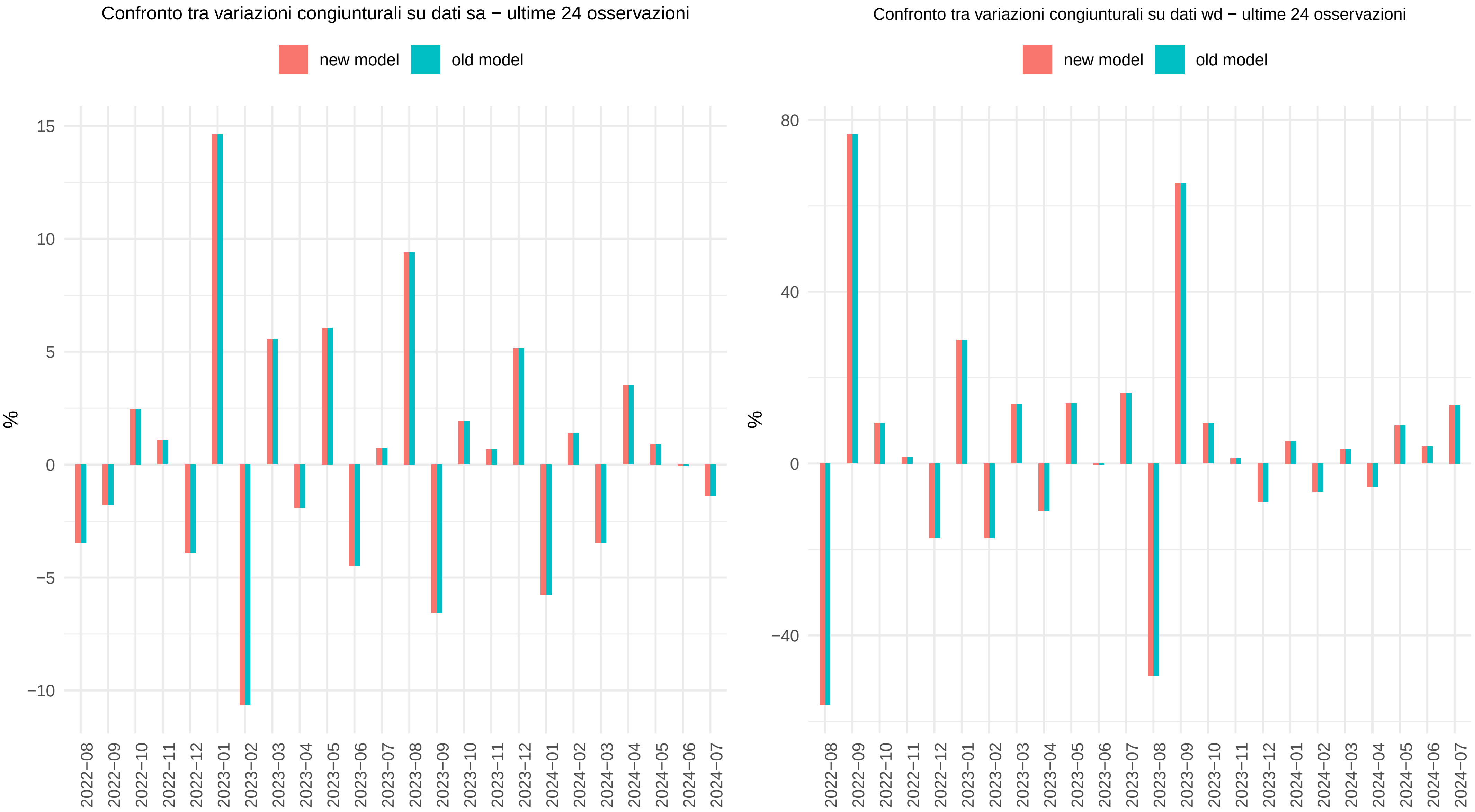
1
2
3
4
5
6
raw series
sa series

DIVID21


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
🟥 new model
🟦 old model
%
15
10
5
0
−5
−10
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
🟥 new model
🟦 old model
%
80
40
0
−40
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
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2023−09
2023−10
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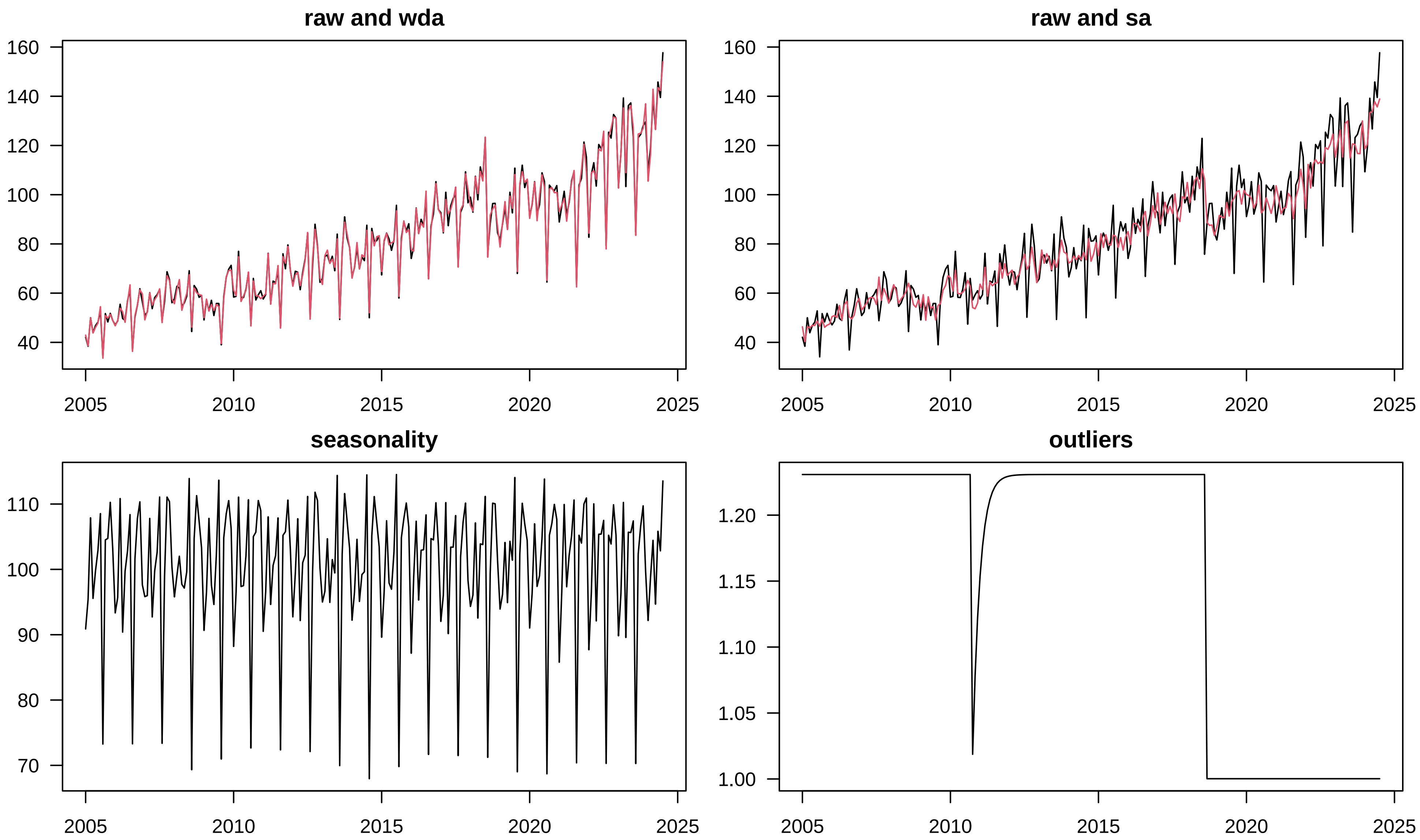
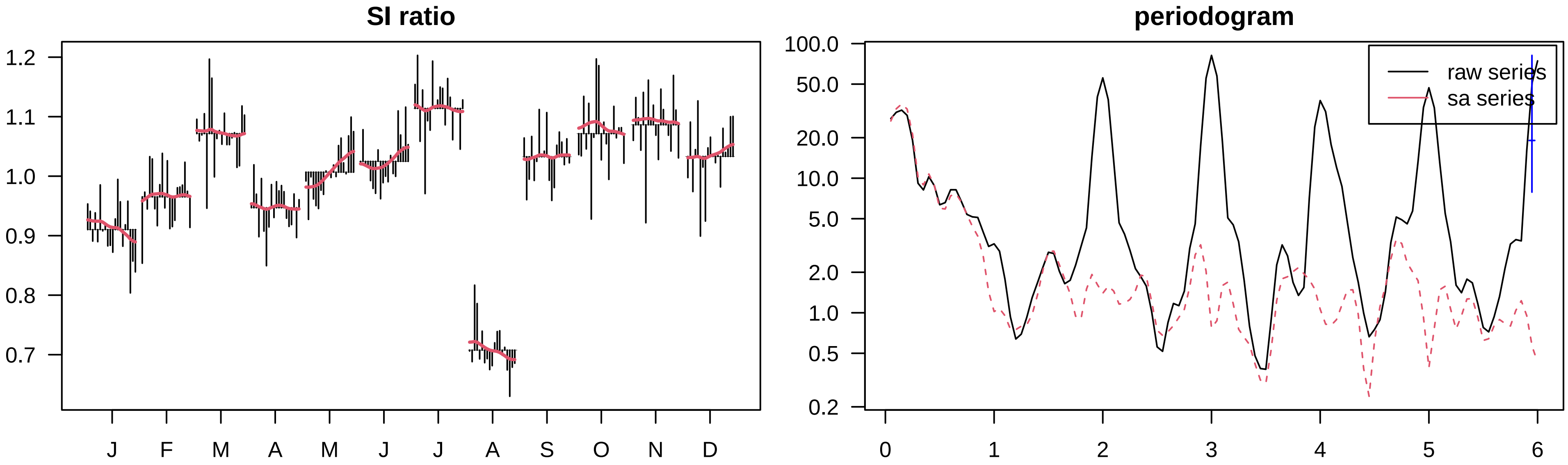
2024−05
2024−06
2024−07

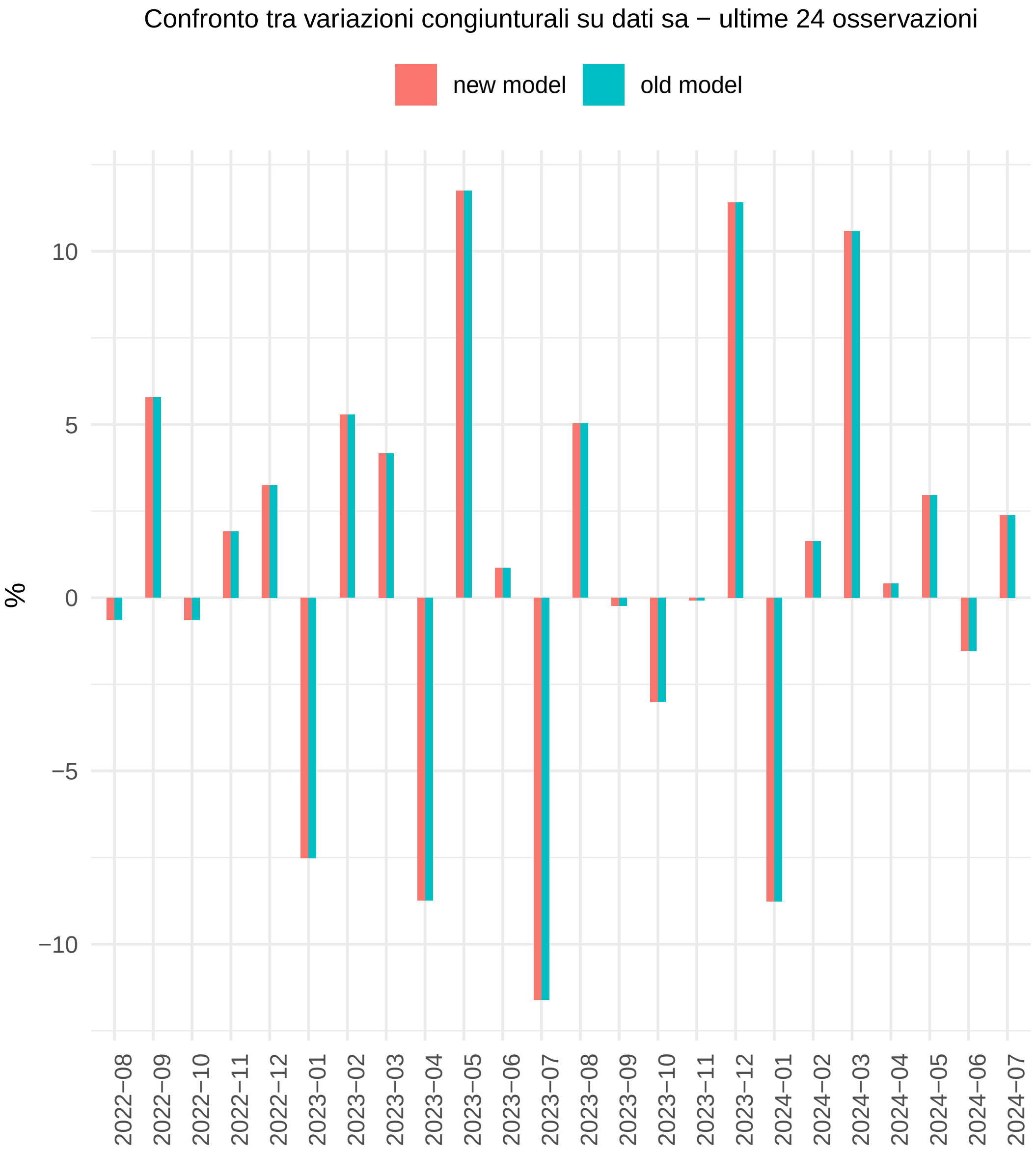
DIVIE21


raw and wda
160
140
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
160
140
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
110
100
90
80
70
2005
2010
2015
2020
2025
outliers
1.20
1.15
1.10
1.05
1.00
2005
2010
2015
2020
2025

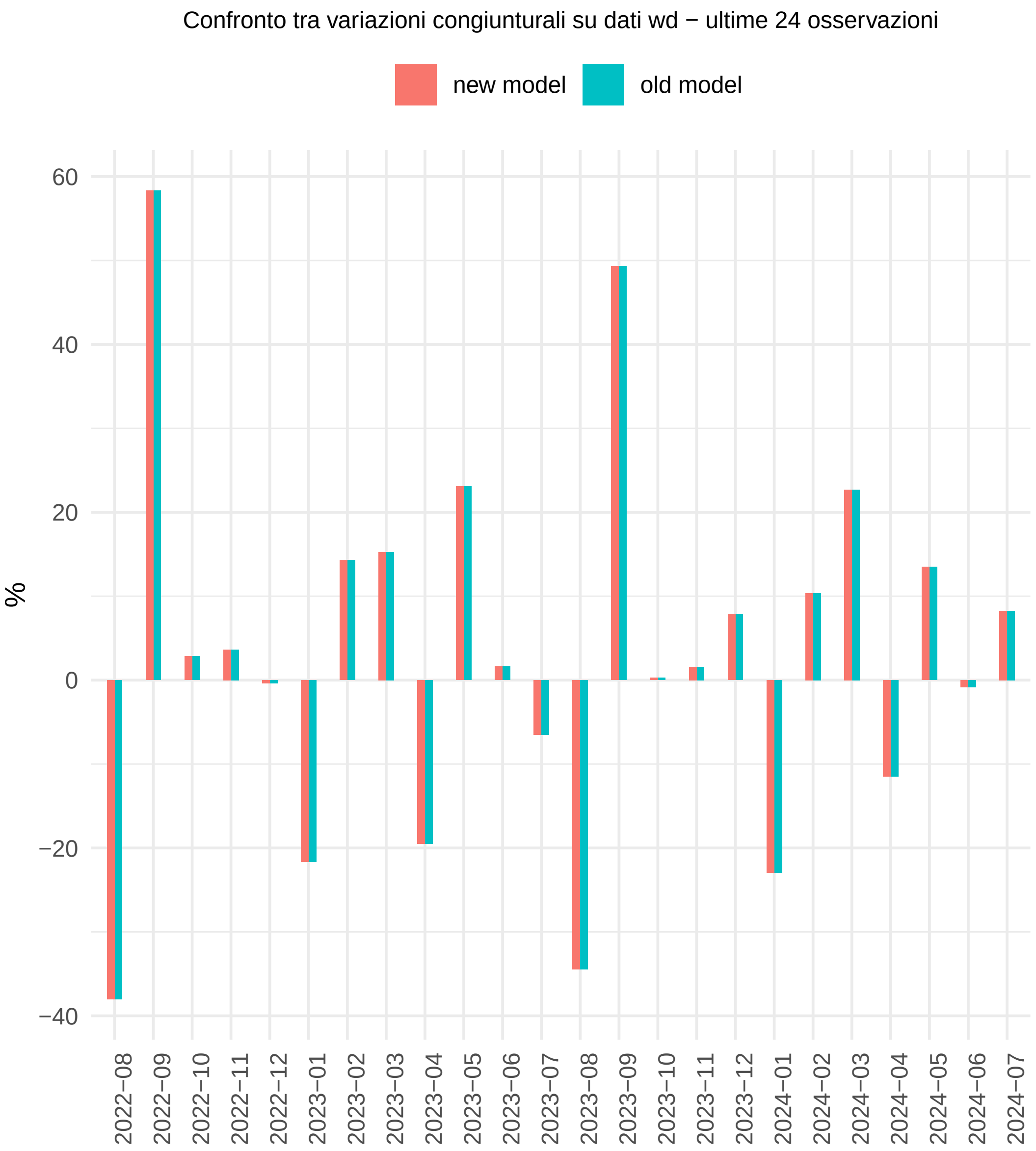
DIVIE21


SI ratio
1.2
1.1
1.0
0.9
0.8
0.7
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0.2
0
1
2
3
4
5
6
raw series
sa series

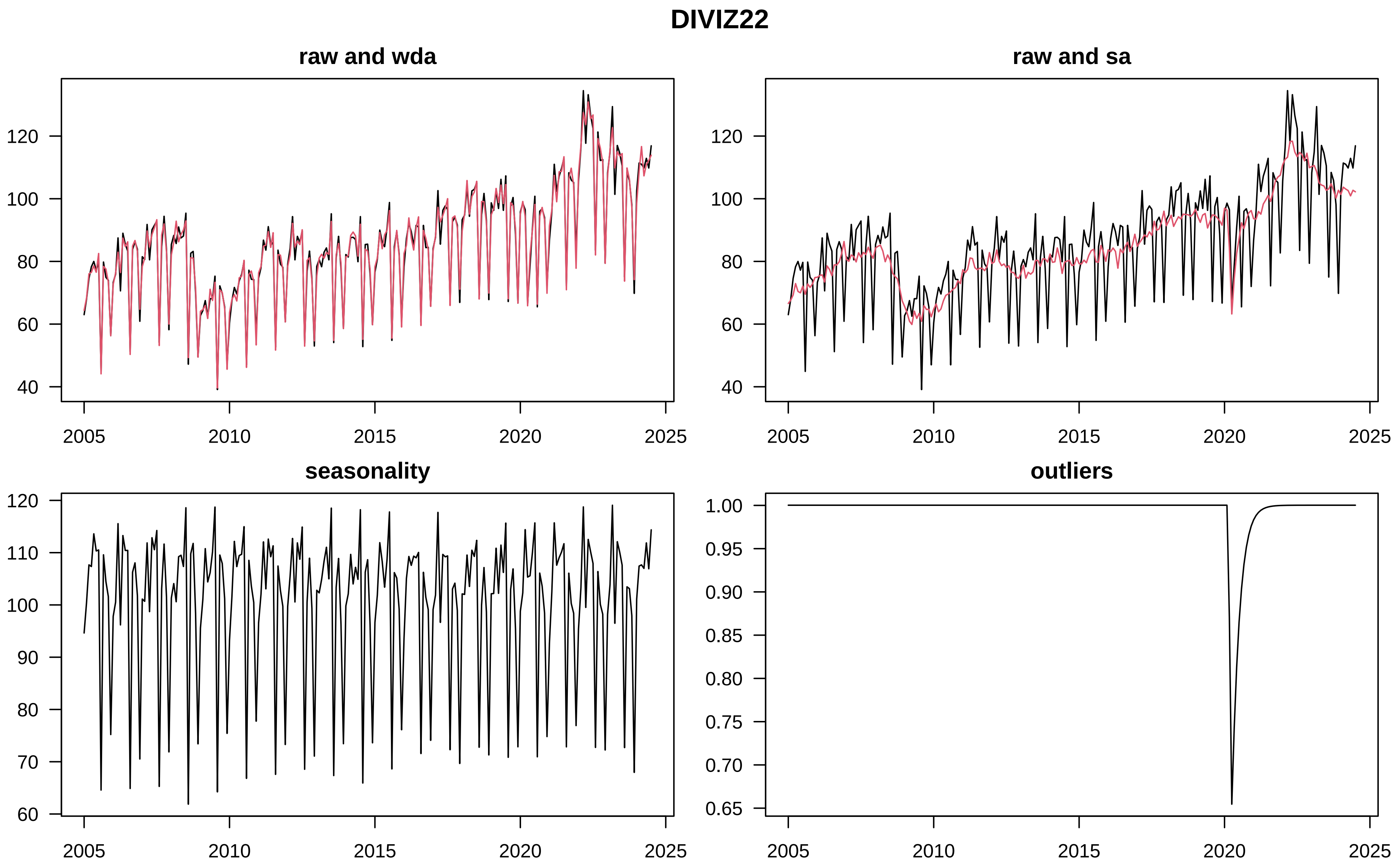
DIVIE21

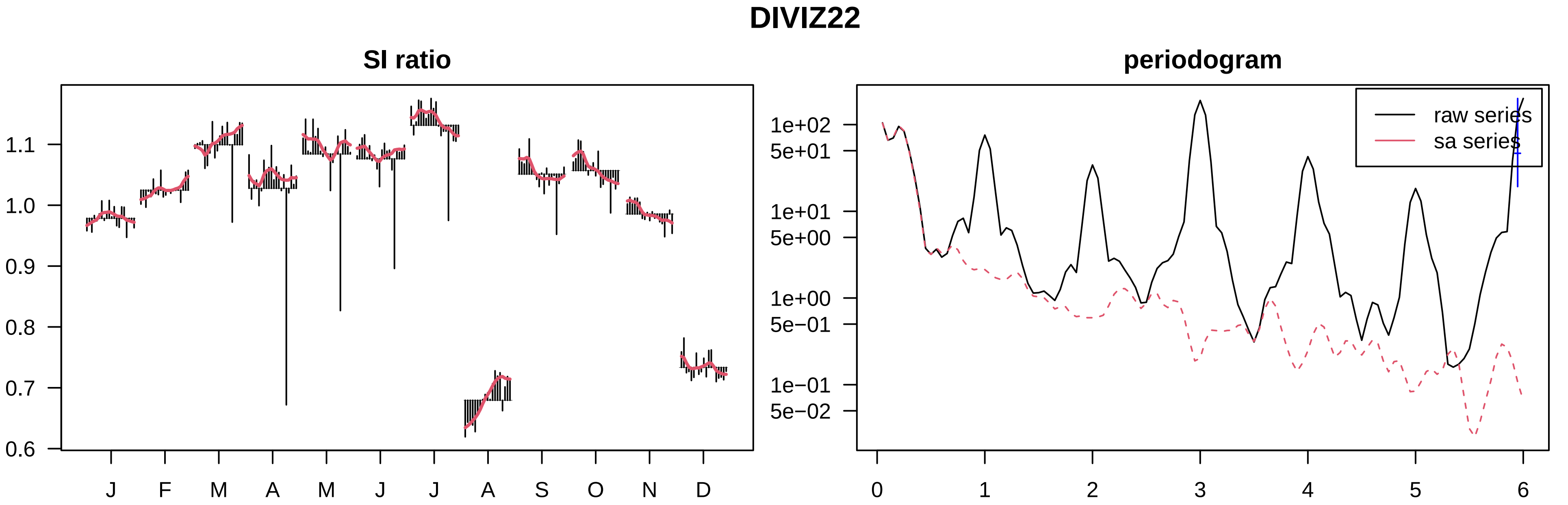


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni



Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni


DIVIZ22
raw and wda
raw and sa
seasonality
outliers
120
100
80
60
40
2005
2010
2015
2020
2025
110
90
70
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65


DIVIZ22
SI ratio
1.1
1.0
0.9
0.8
0.7
0.6
J
F
M
A
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J
J
A
S
O
N
D
periodogram
raw series
sa series
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
1e−01
5e−02
0
1
2
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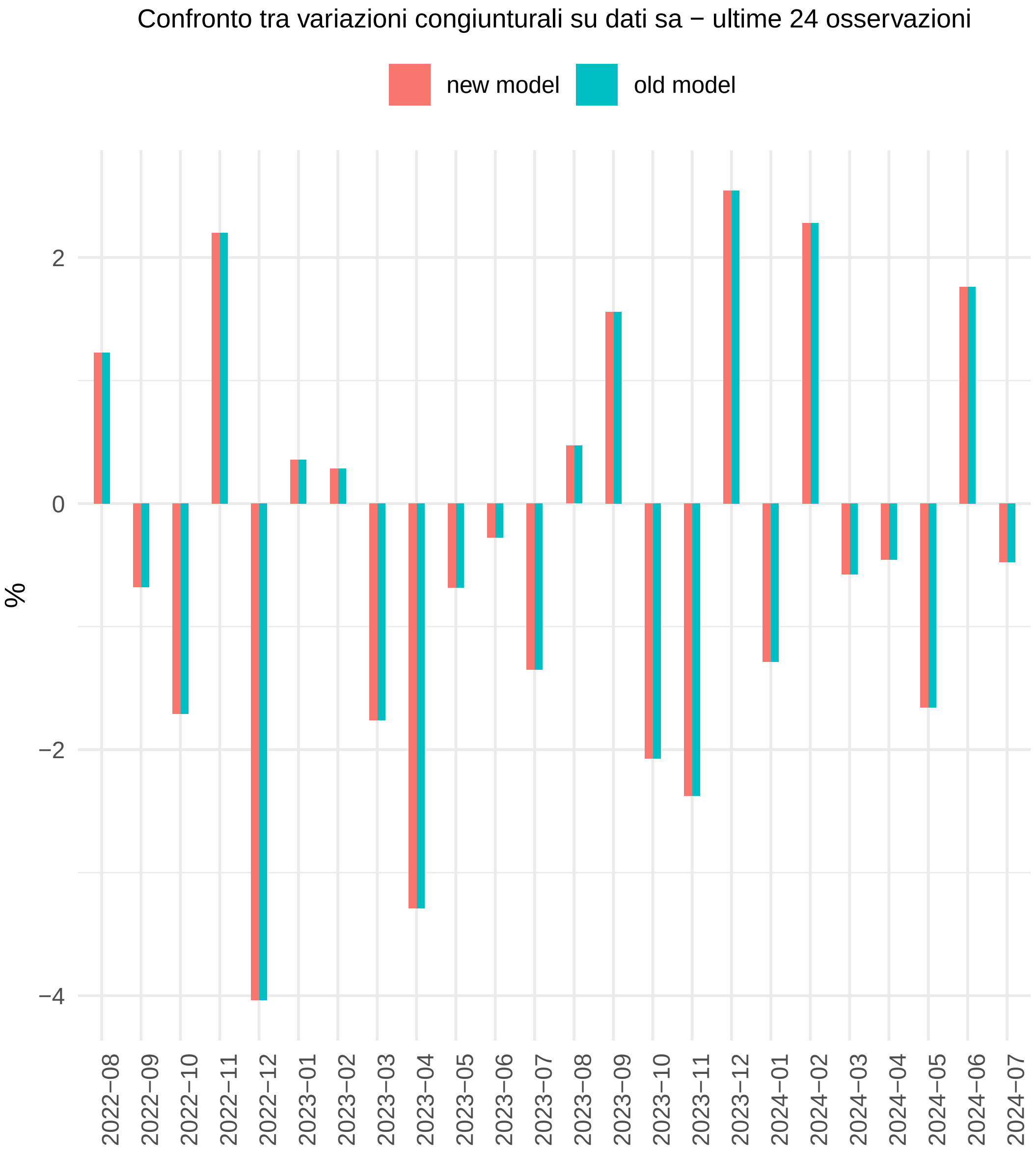
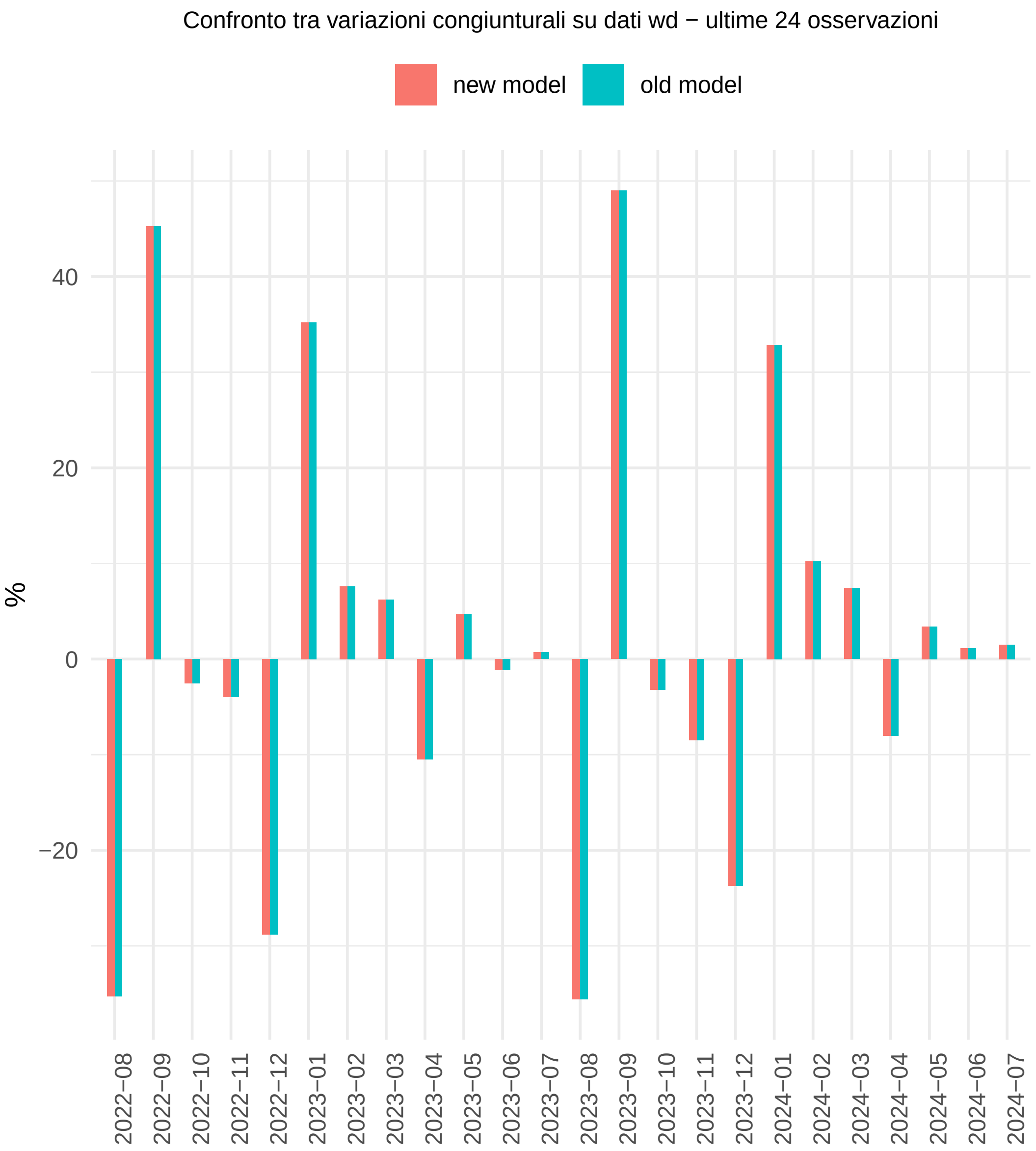
5
6

DIVIZ22

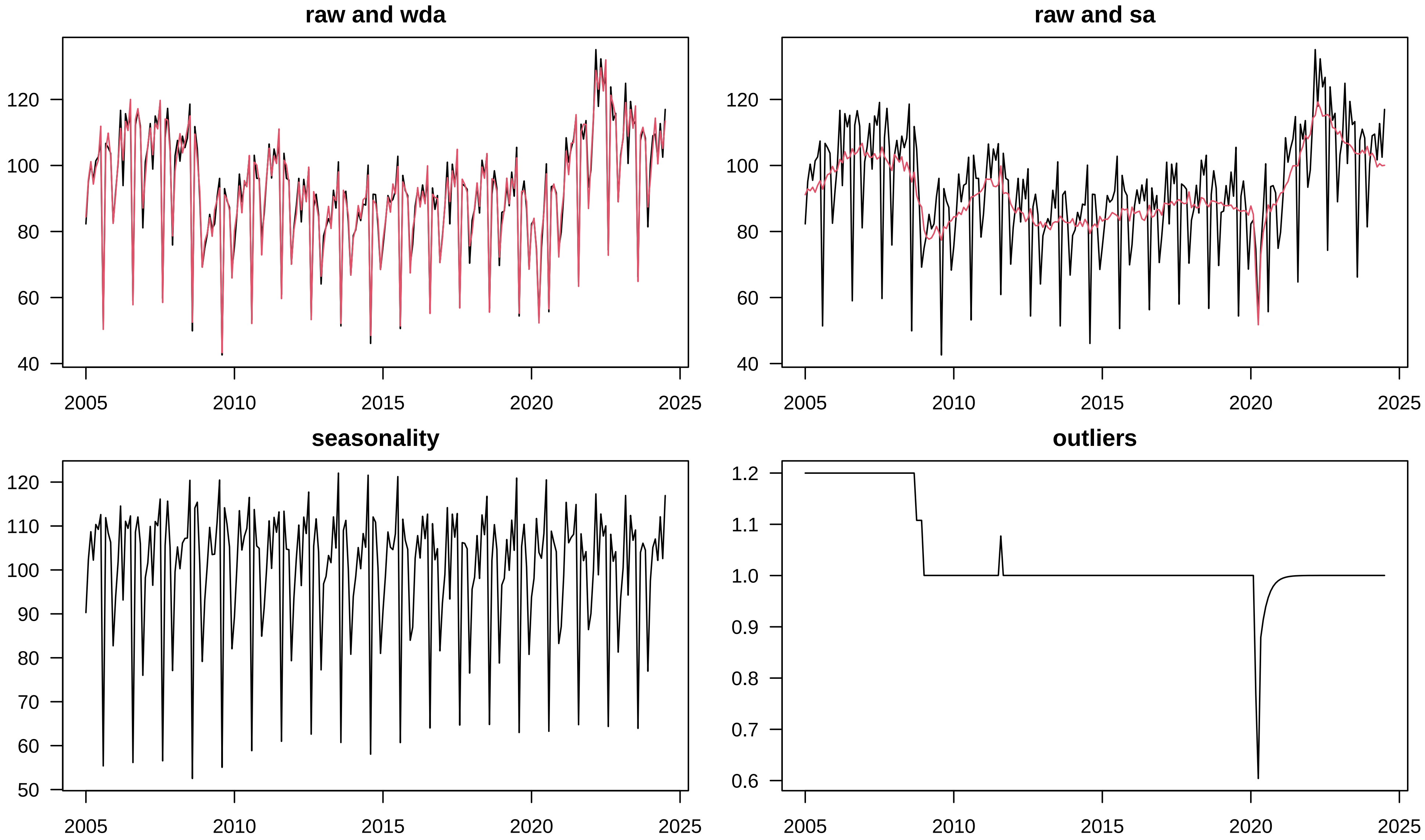


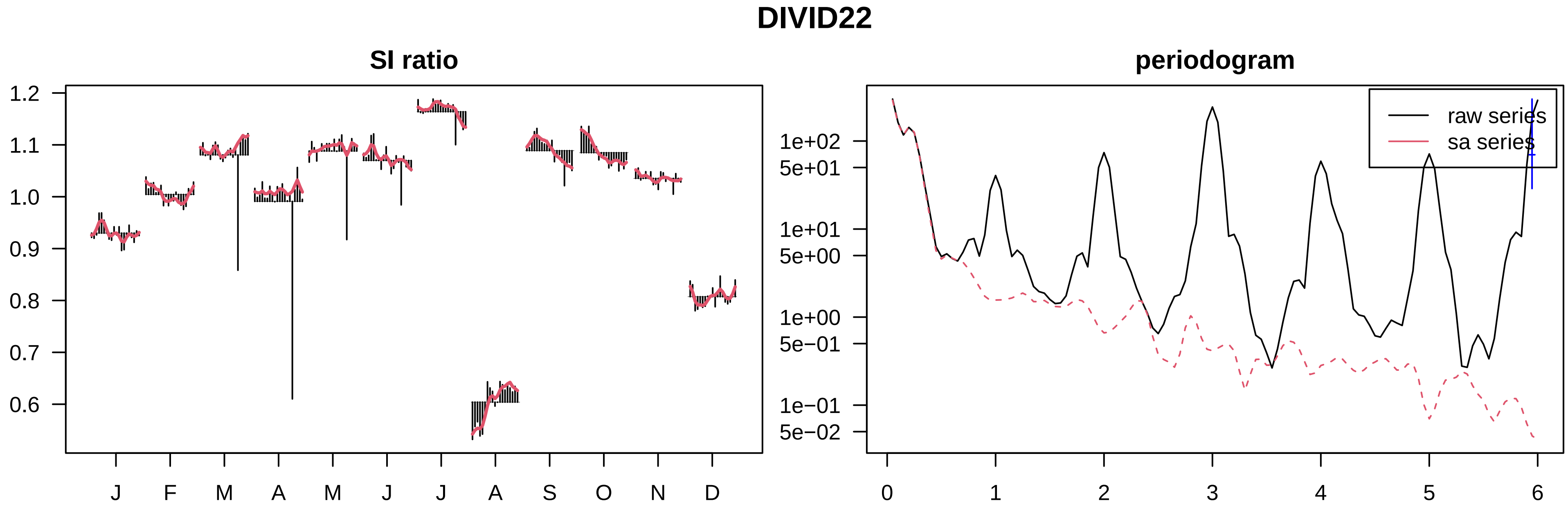
Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni



Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

DIVID22


raw and wda
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
120
110
100
90
80
70
60
50
2005
2010
2015
2020
2025
outliers
1.2
1.1
1.0
0.9
0.8
0.7
0.6
2005
2010
2015
2020
2025


DIVID22
SI ratio
1.2
1.1
1.0
0.9
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0.7
0.6
J
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M
J
J
A
S
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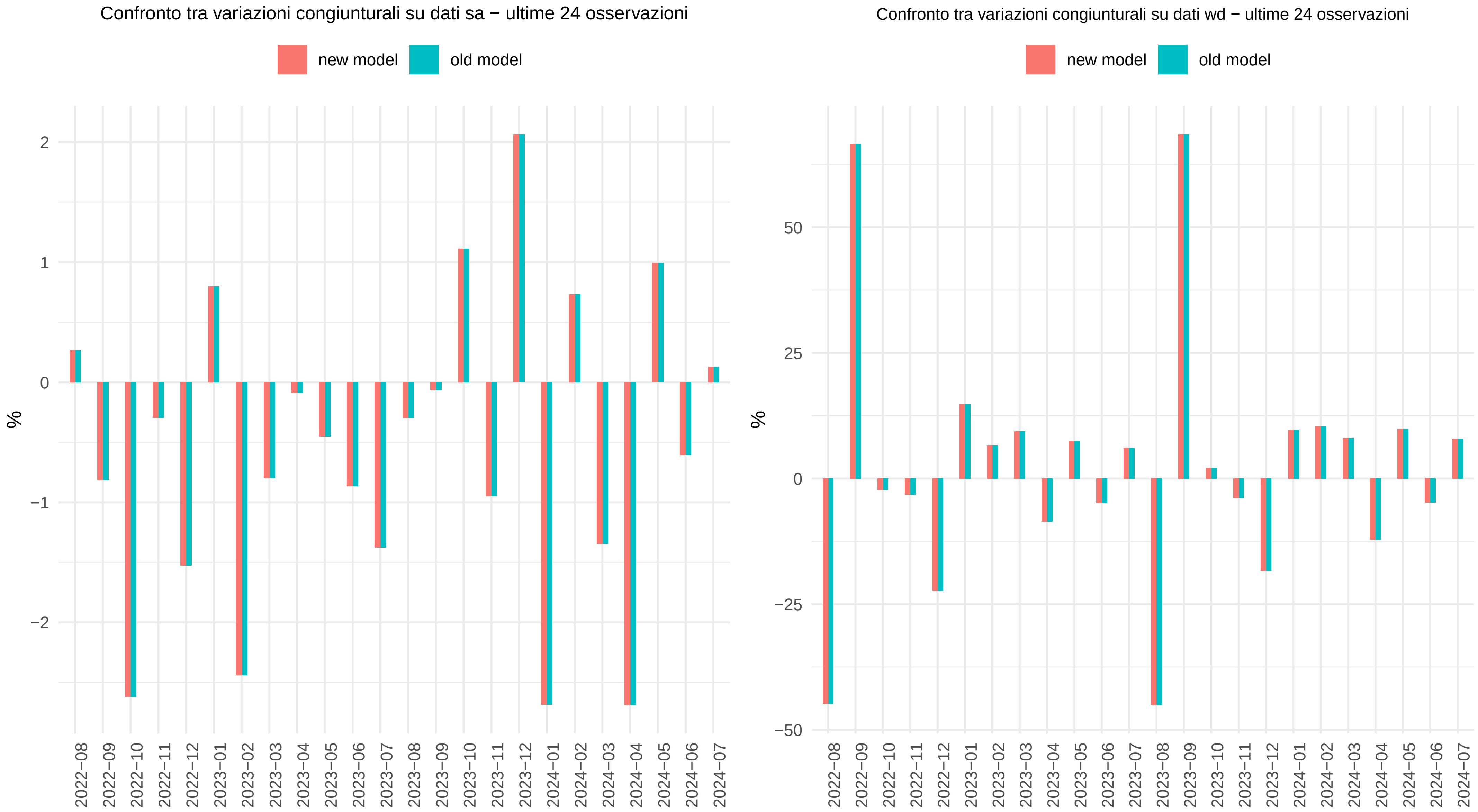
N
D
periodogram
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
1e−01
5e−02
0
1
2
3
4
5
6
raw series
sa series

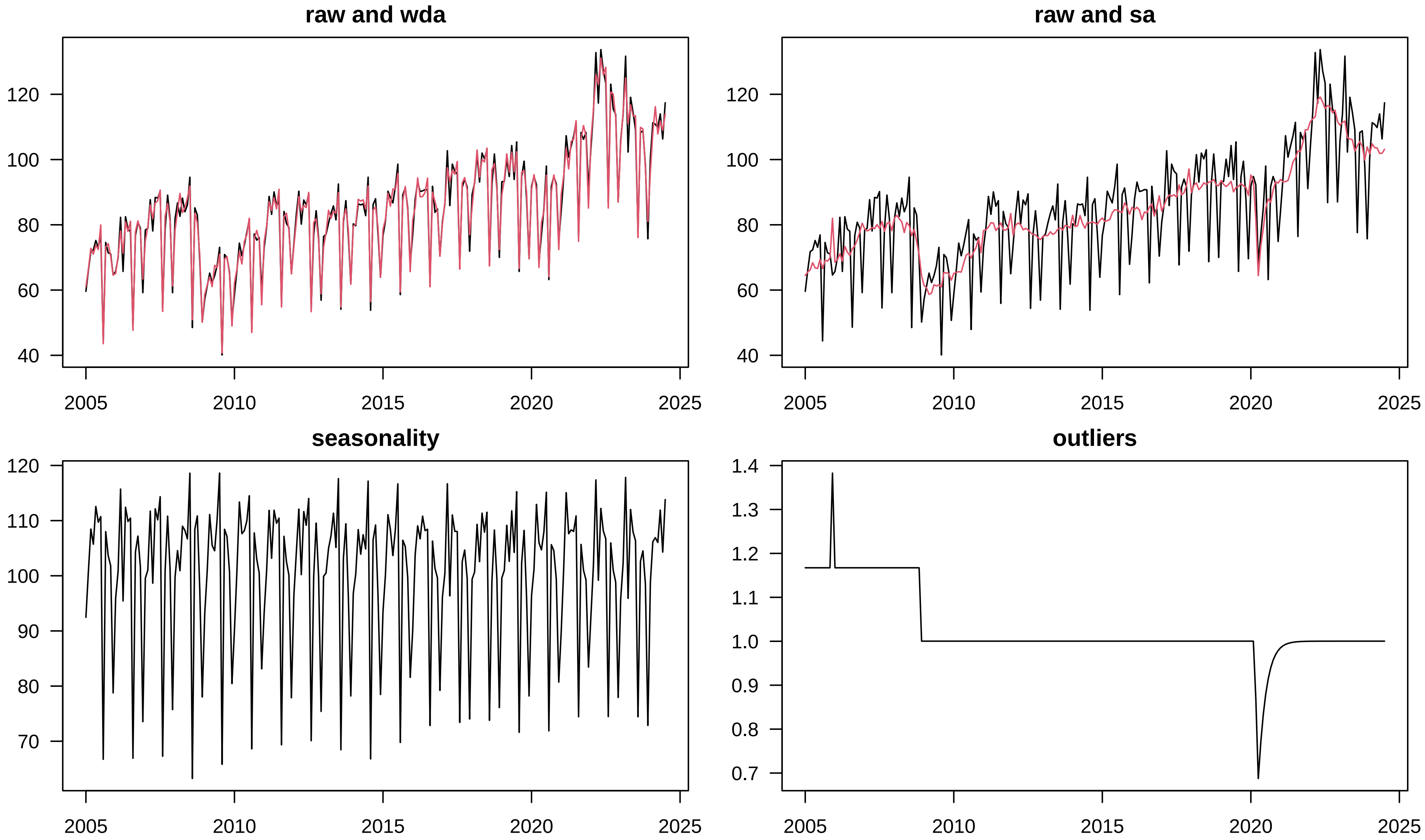
DIVID22



Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

DIVIE22


raw and wda
120
100
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60
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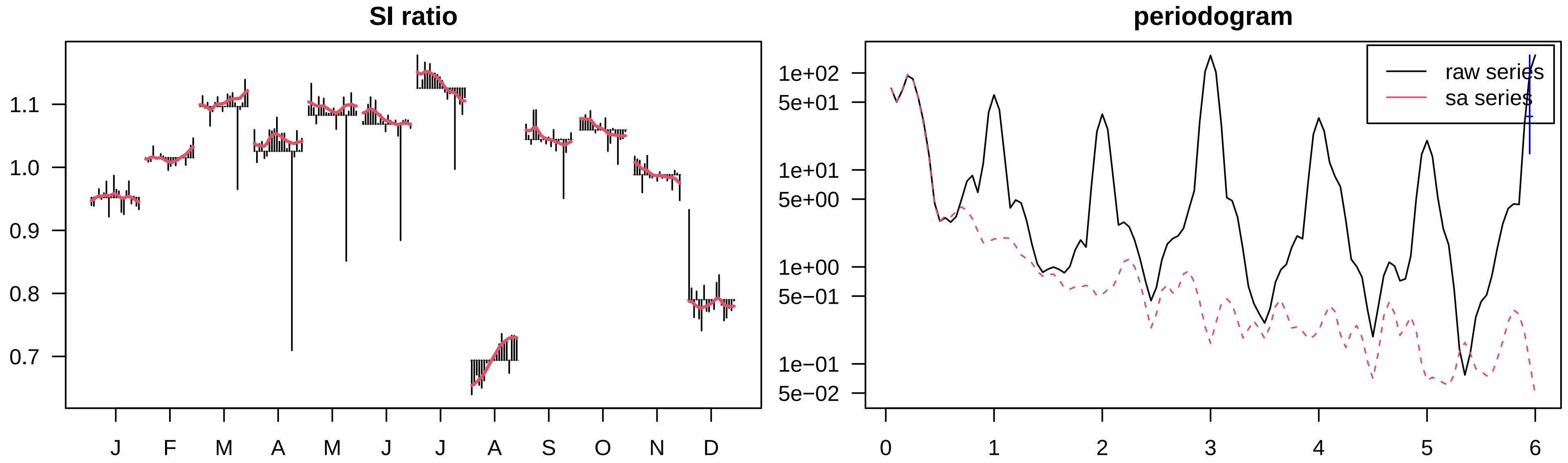
2005
2010
2015
2020
2025
raw and sa
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
120
110
100
90
80
70
2005
2010
2015
2020
2025
outliers
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
2005
2010
2015
2020
2025

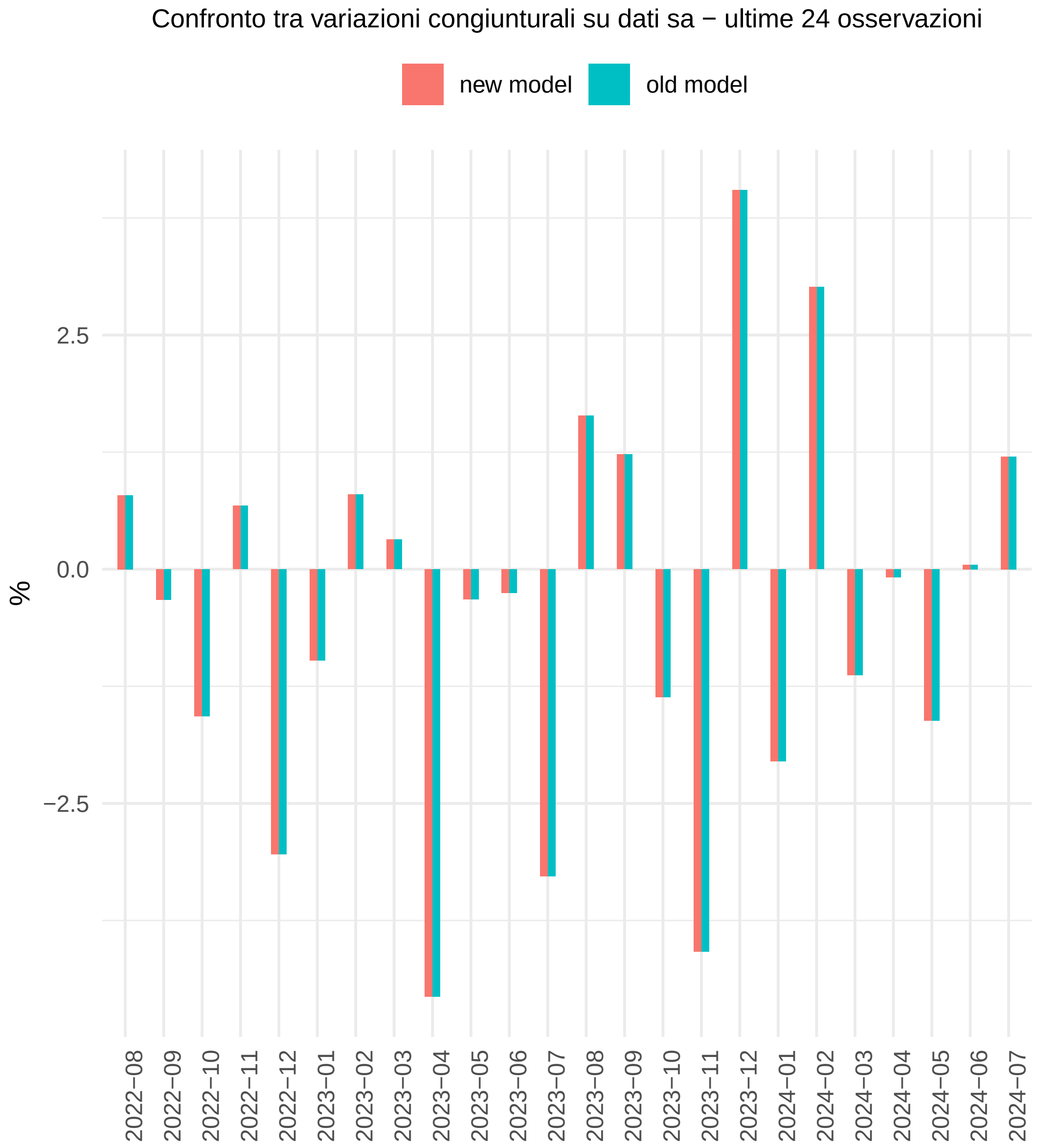
DIVIE22

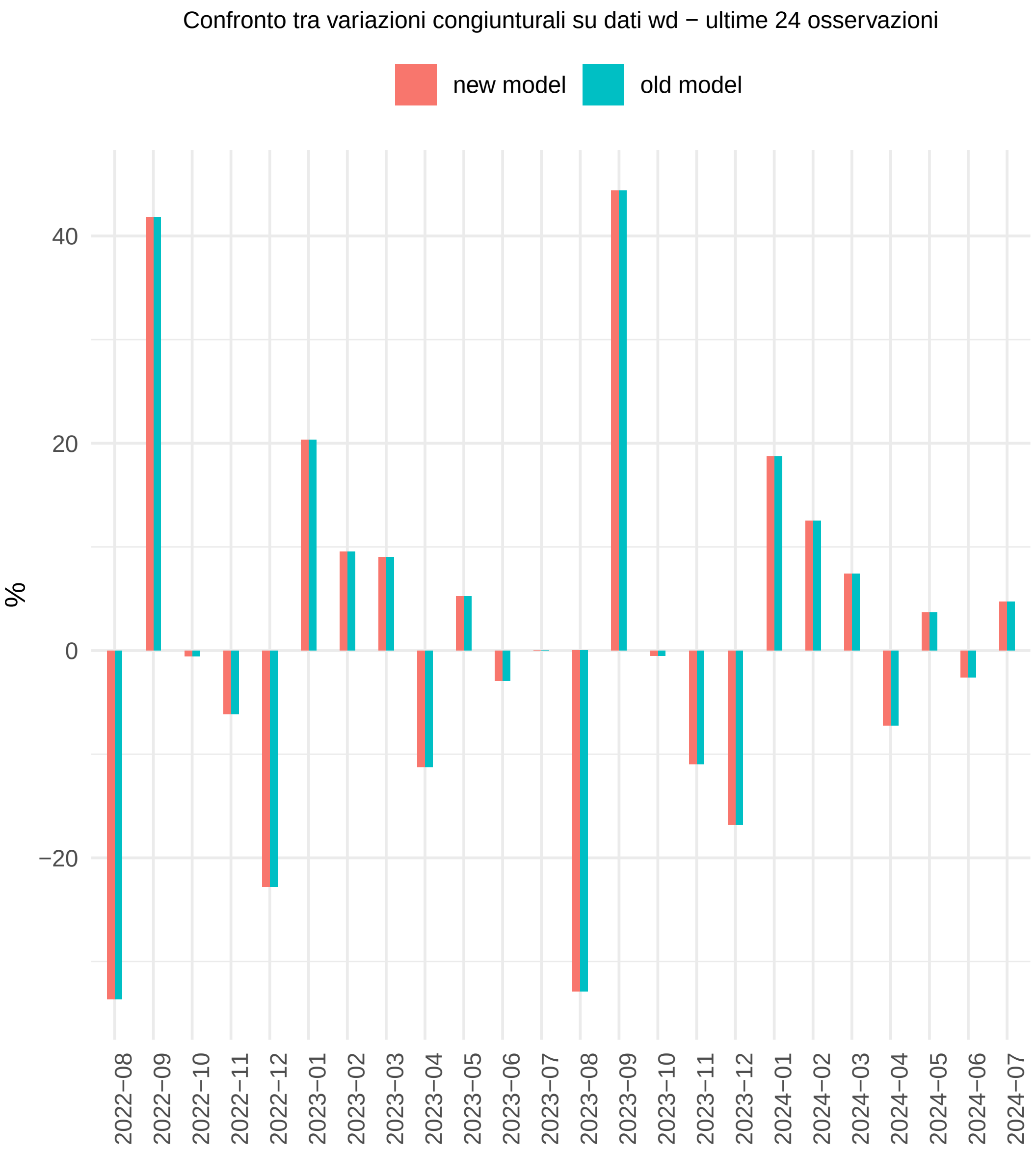


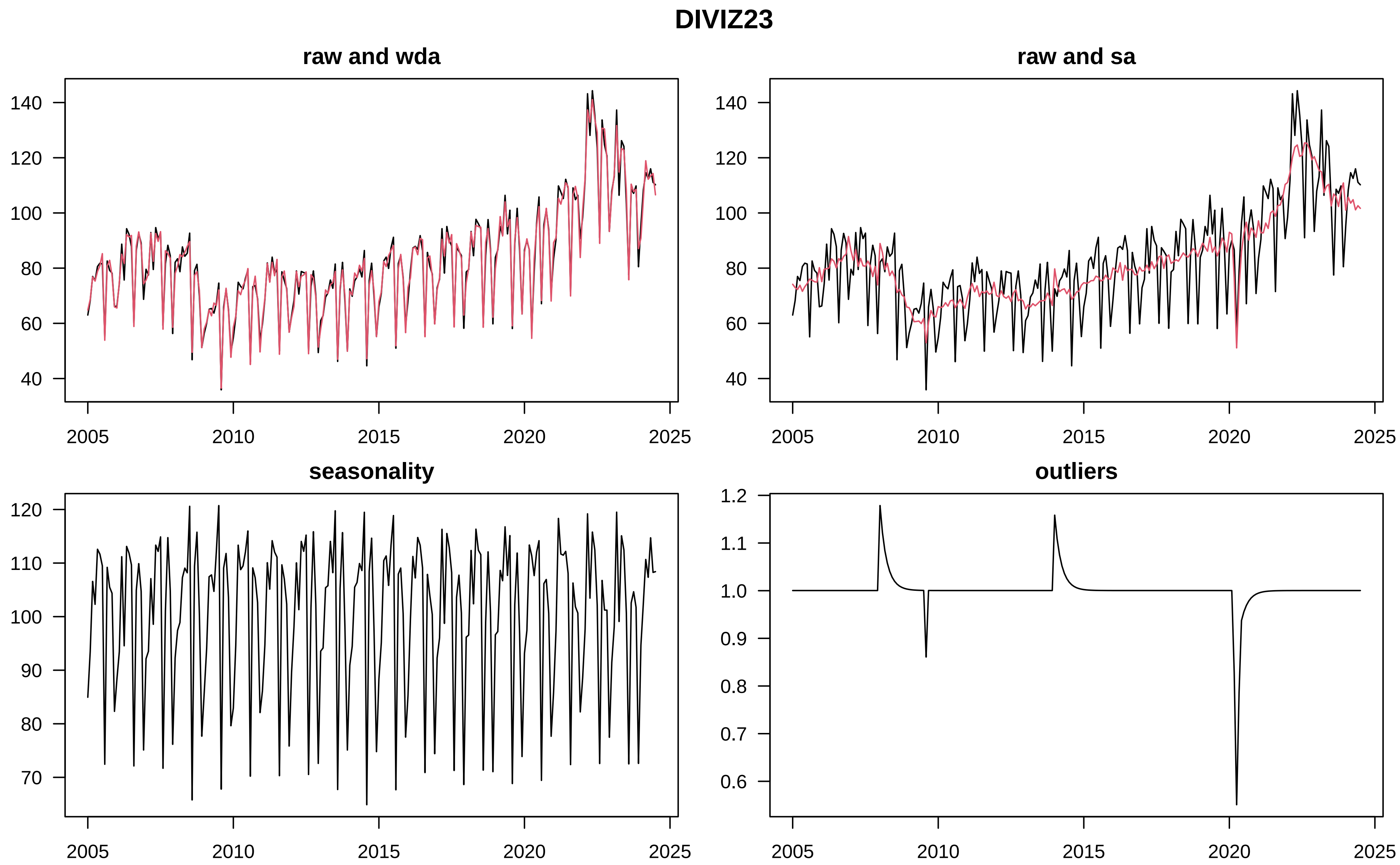
SI ratio

periodogram

DIVIE22


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni


DIVIZ23
raw and wda
140
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
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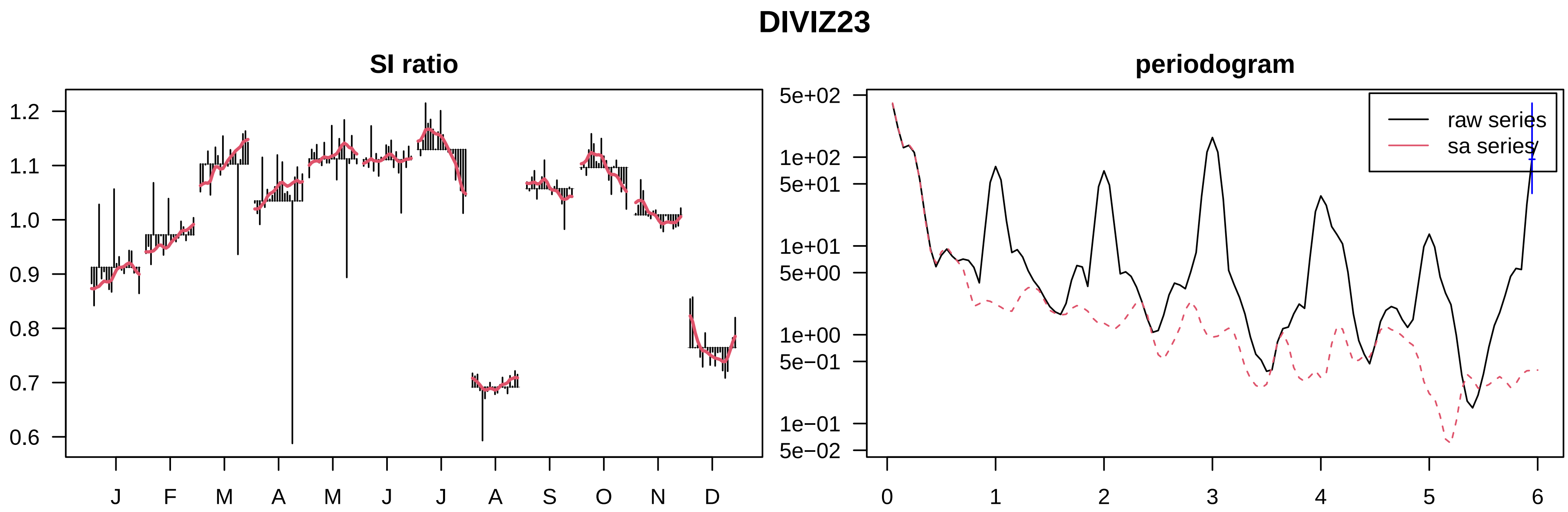
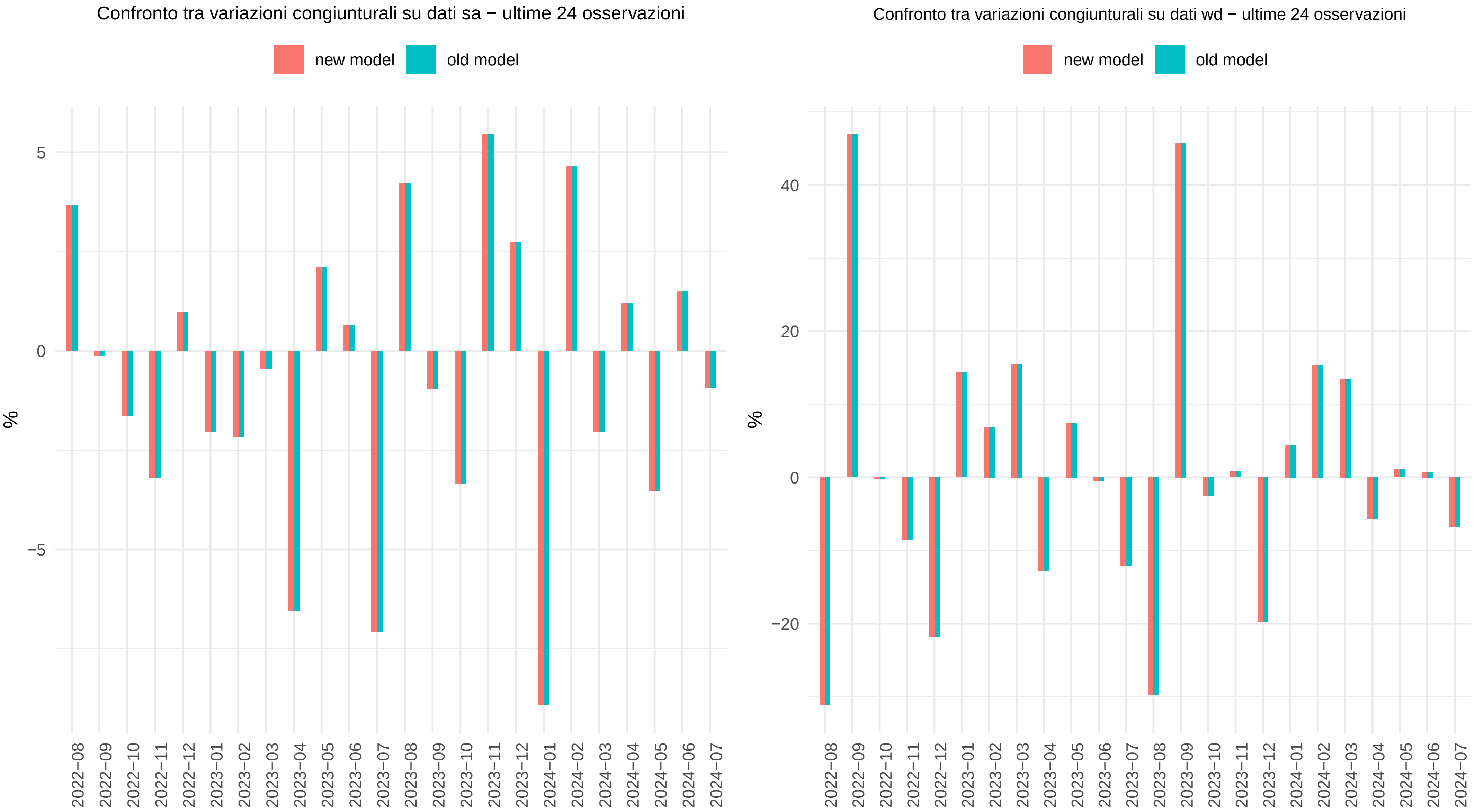
40
2005
2010
2015
2020
2025
seasonality
120
110
100
90
80
70
2005
2010
2015
2020
2025
outliers
1.2
1.1
1.0
0.9
0.8
0.7
0.6
2005
2010
2015
2020
2025

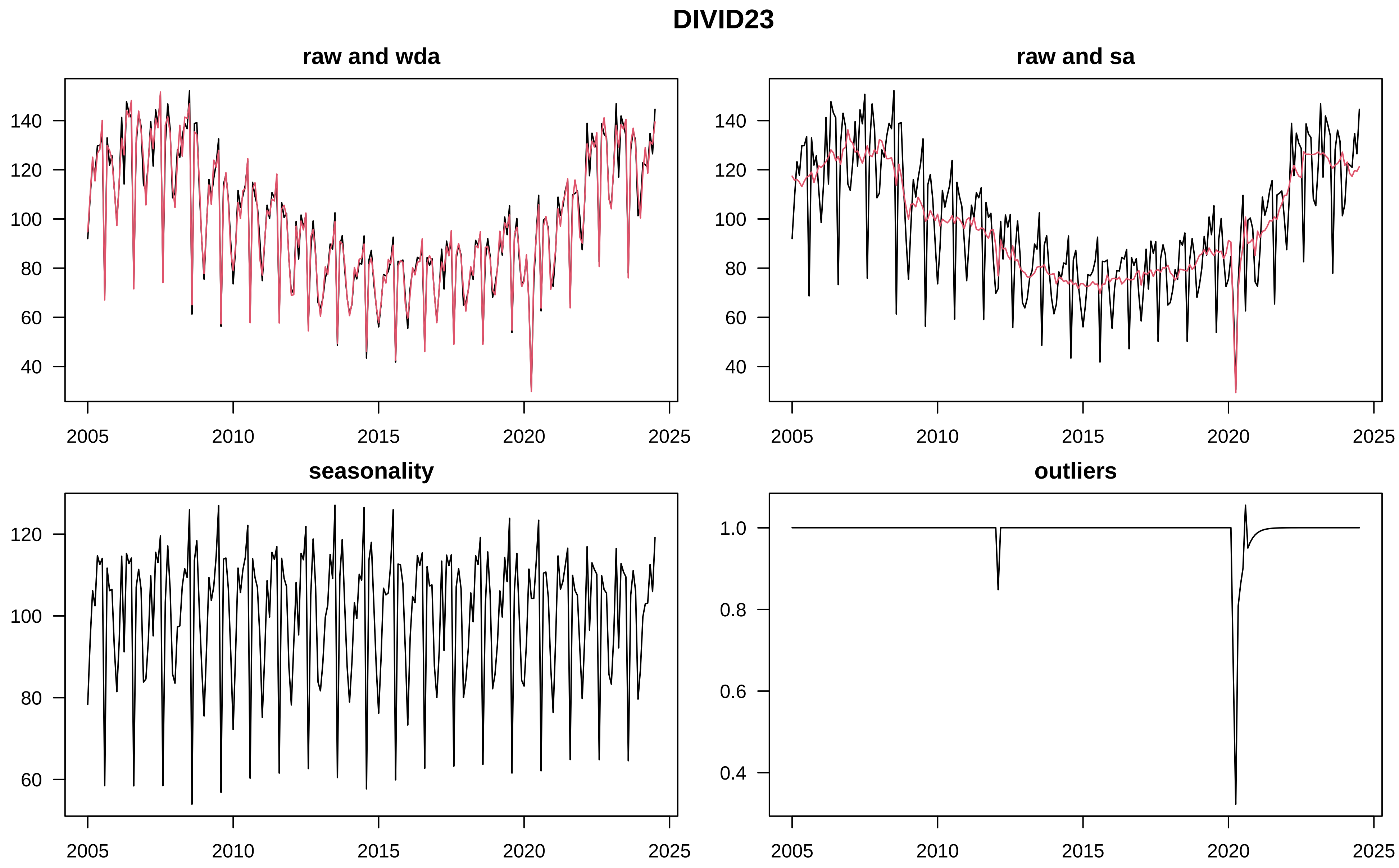

DIVIZ23
SI ratio
1.2
1.1
1.0
0.9
0.8
0.7
0.6
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
5e+02
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
1e−01
5e−02
0
1
2
3
4
5
6
raw series
sa series

DIVIZ23

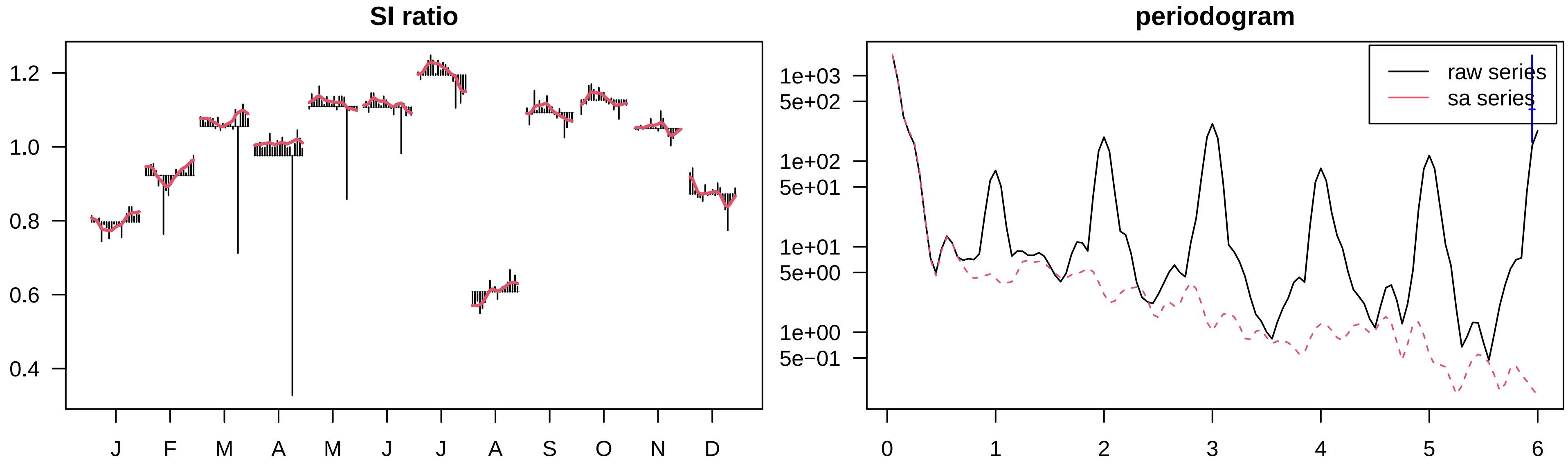


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

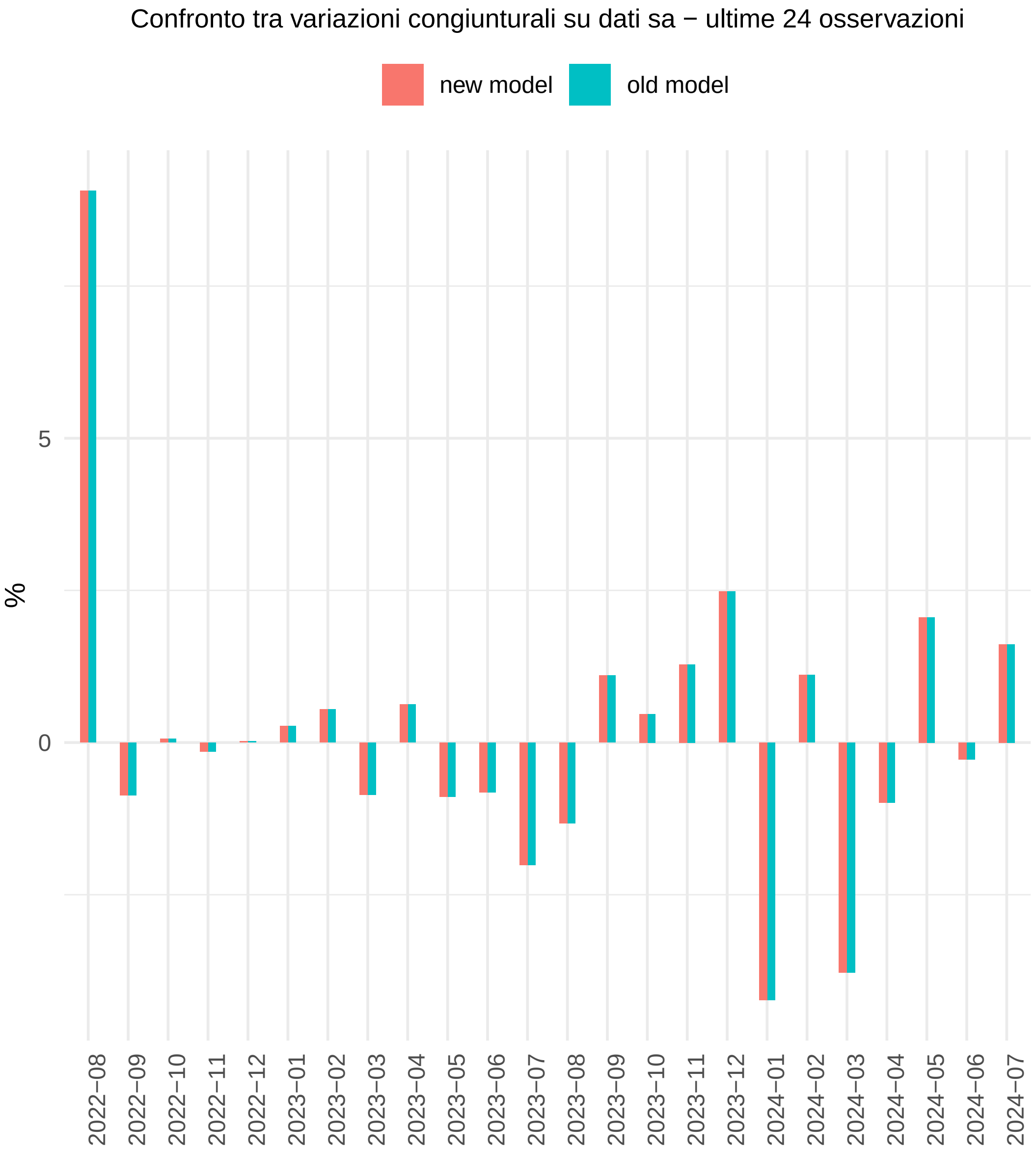

DIVID23
raw and wda
raw and sa
seasonality
outliers
140
120
100
80
60
40
2005
2010
2015
2020
2025
1.0
0.8
0.6
0.4

DIVID23


SI ratio

periodogram

DIVID23



Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
5
0
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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2023−12
2024−01
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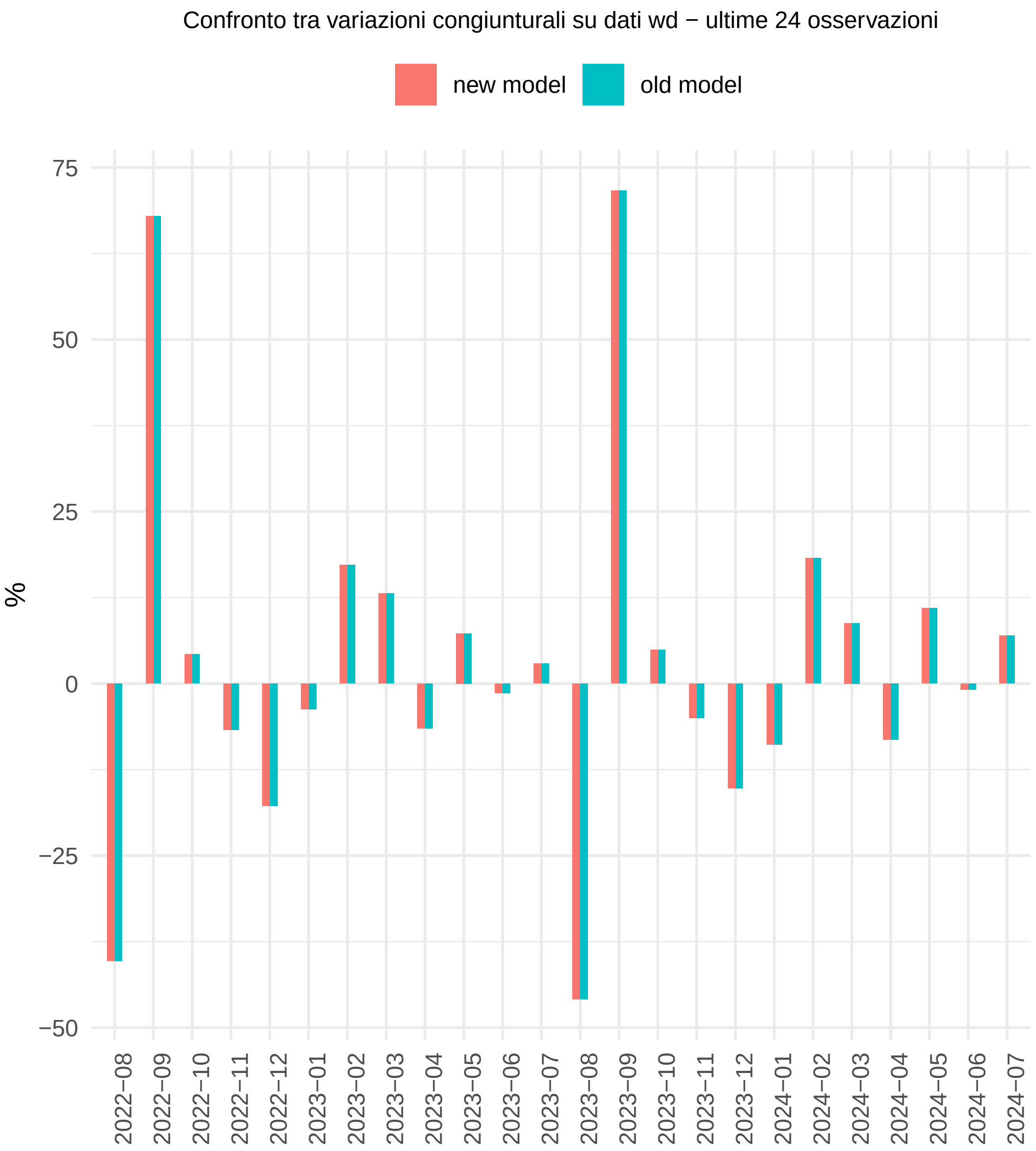
2024−04
2024−05
2024−06
2024−07



Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
75
50
25
0
−25
−50
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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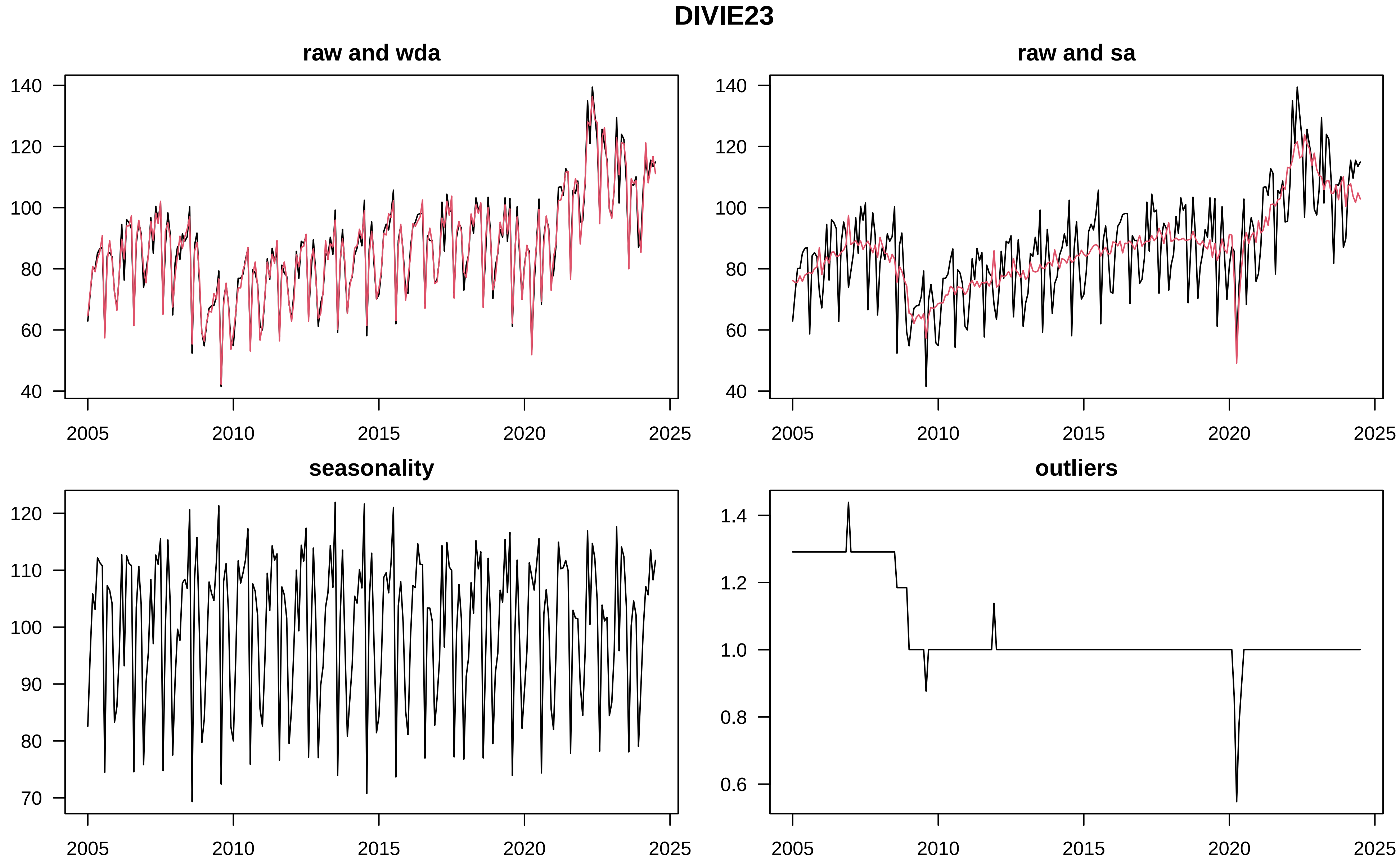
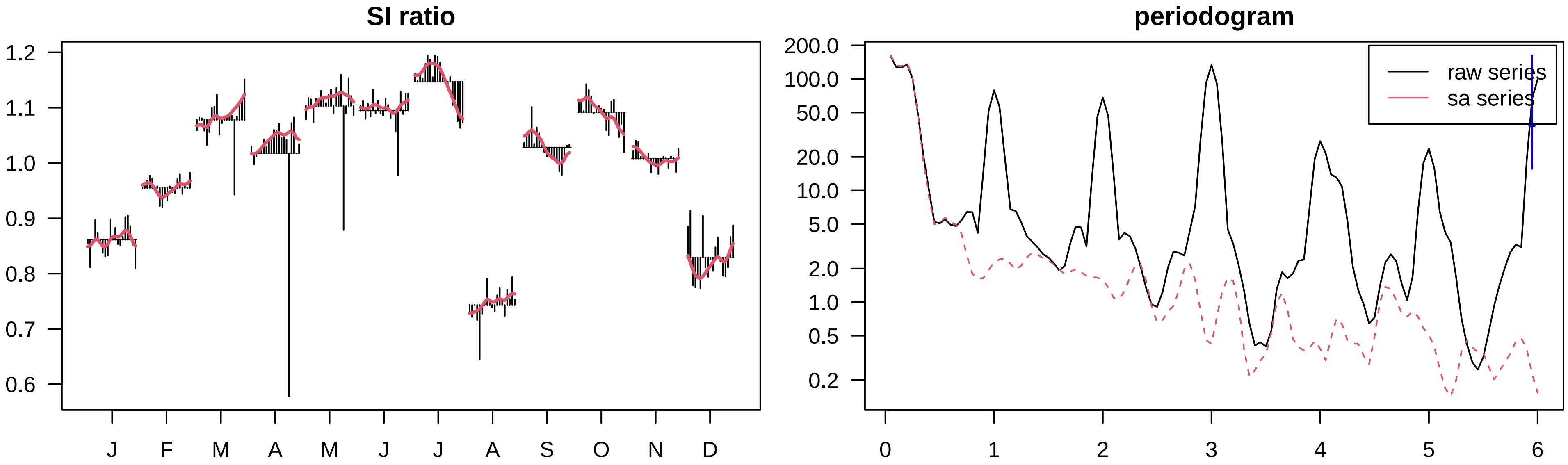
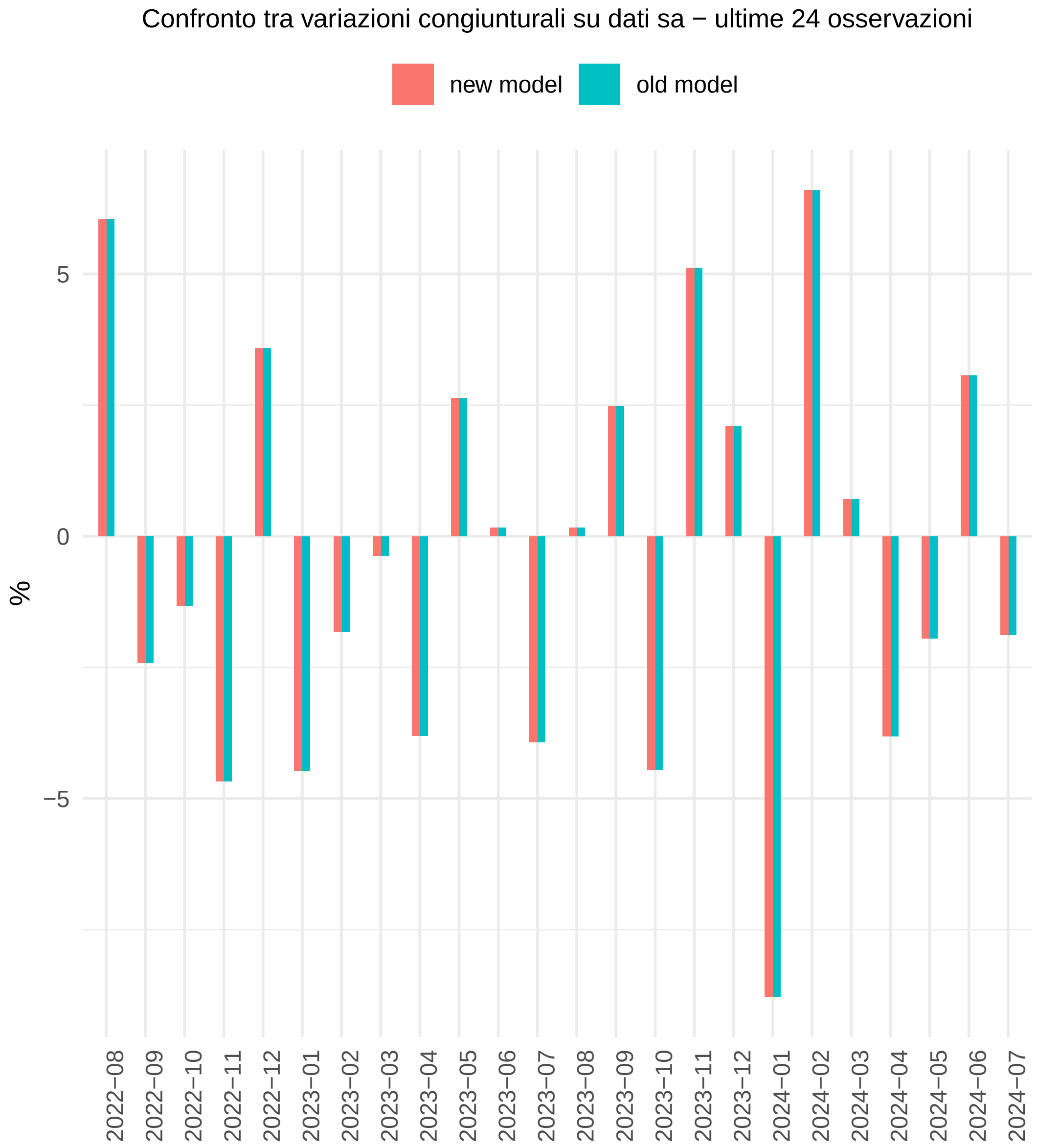
2024−05
2024−06
2024−07

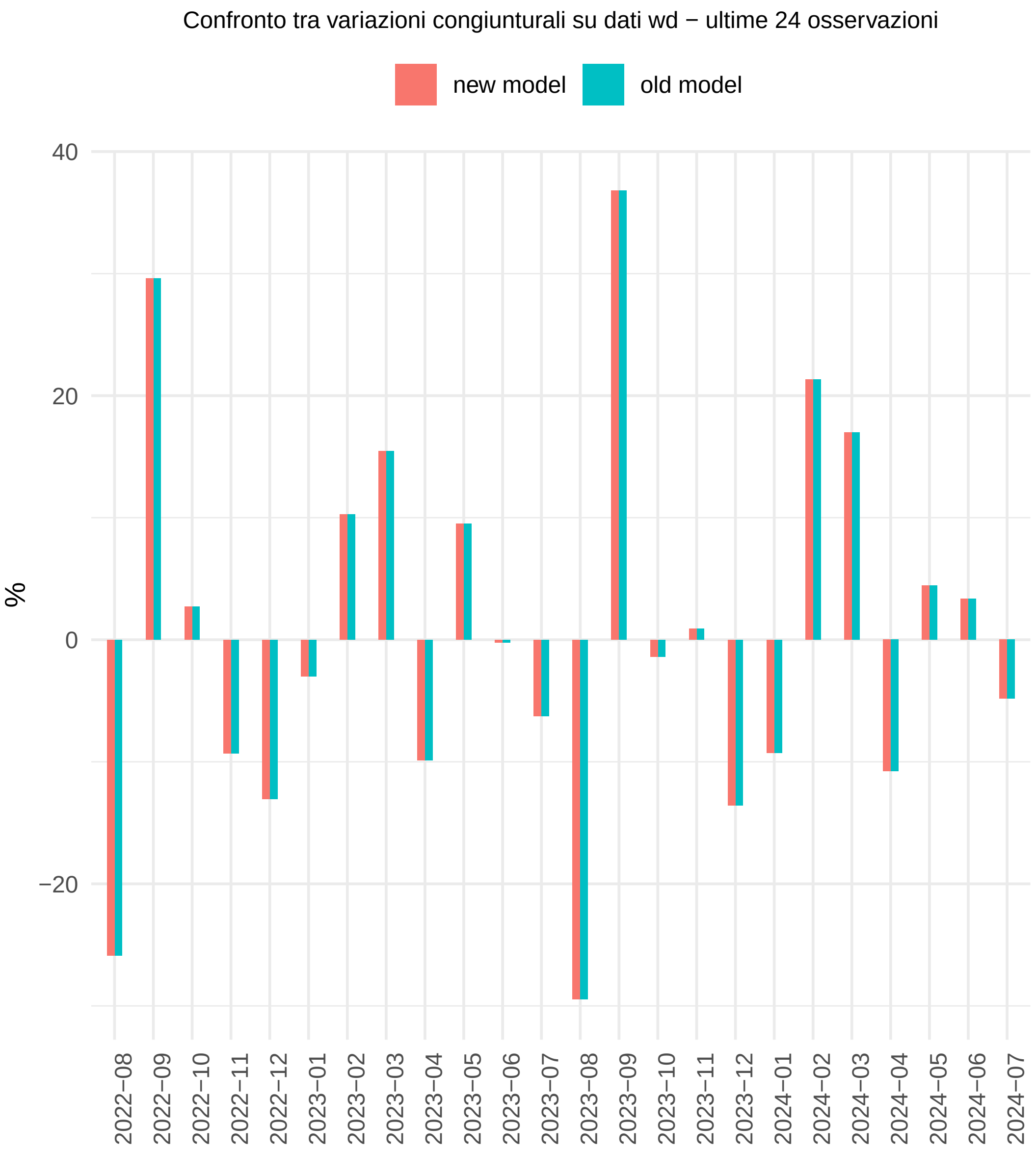

DIVIE23
raw and wda
140
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
120
110
100
90
80
70
2005
2010
2015
2020
2025
outliers
1.4
1.2
1.0
0.8
0.6
2005
2010
2015
2020
2025

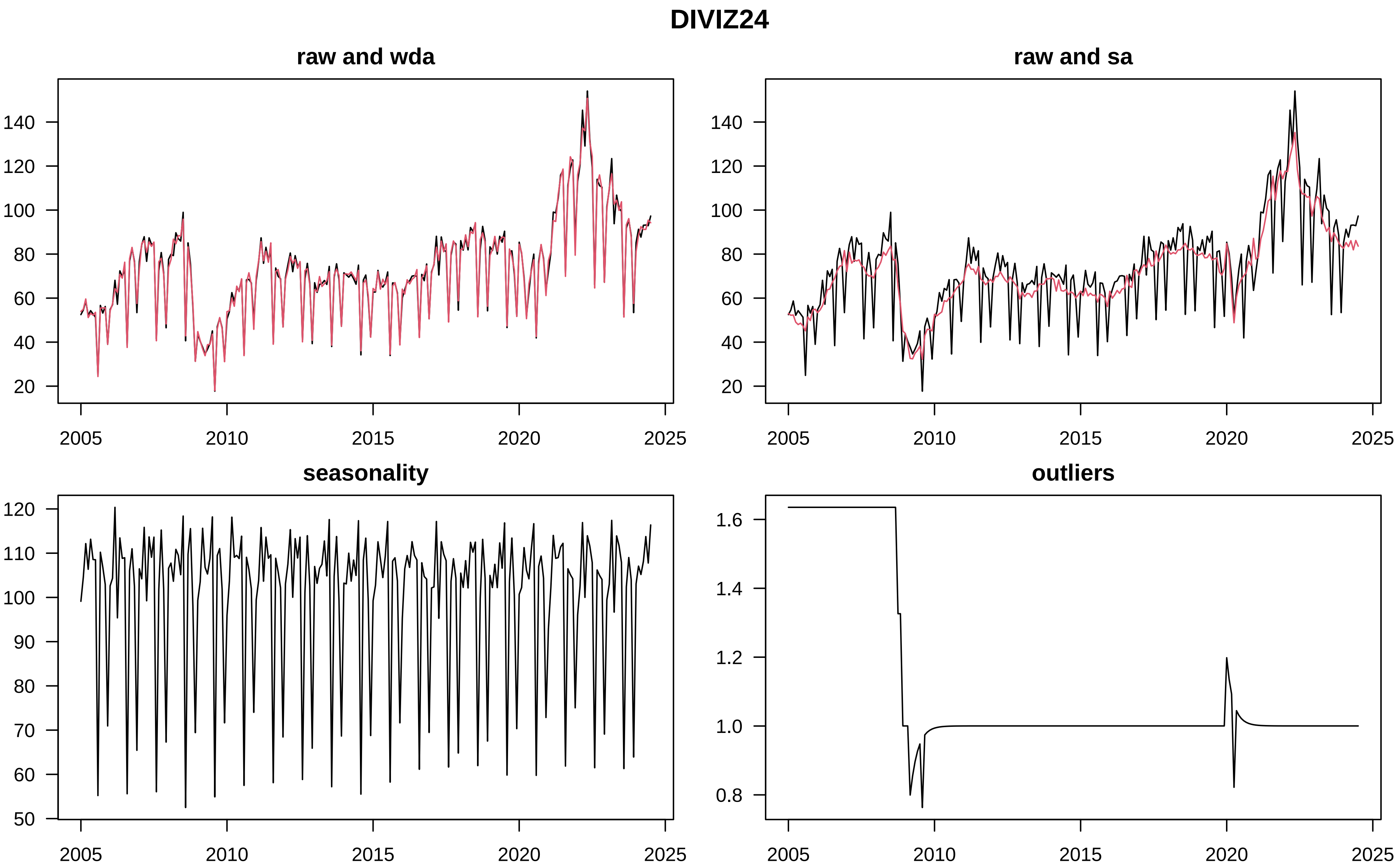
DIVIE23


SI ratio
1.2
1.1
1.0
0.9
0.8
0.7
0.6
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0.2
0
1
2
3
4
5
6
raw series
sa series

DIVIE23


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni



DIVIZ24

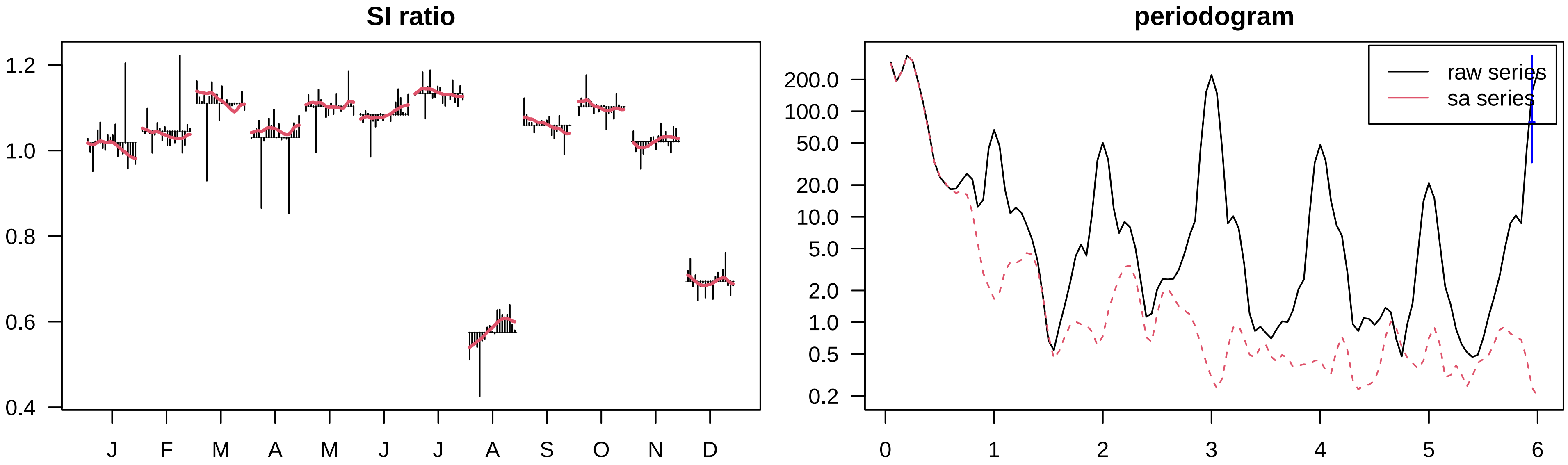
raw and wda

raw and sa

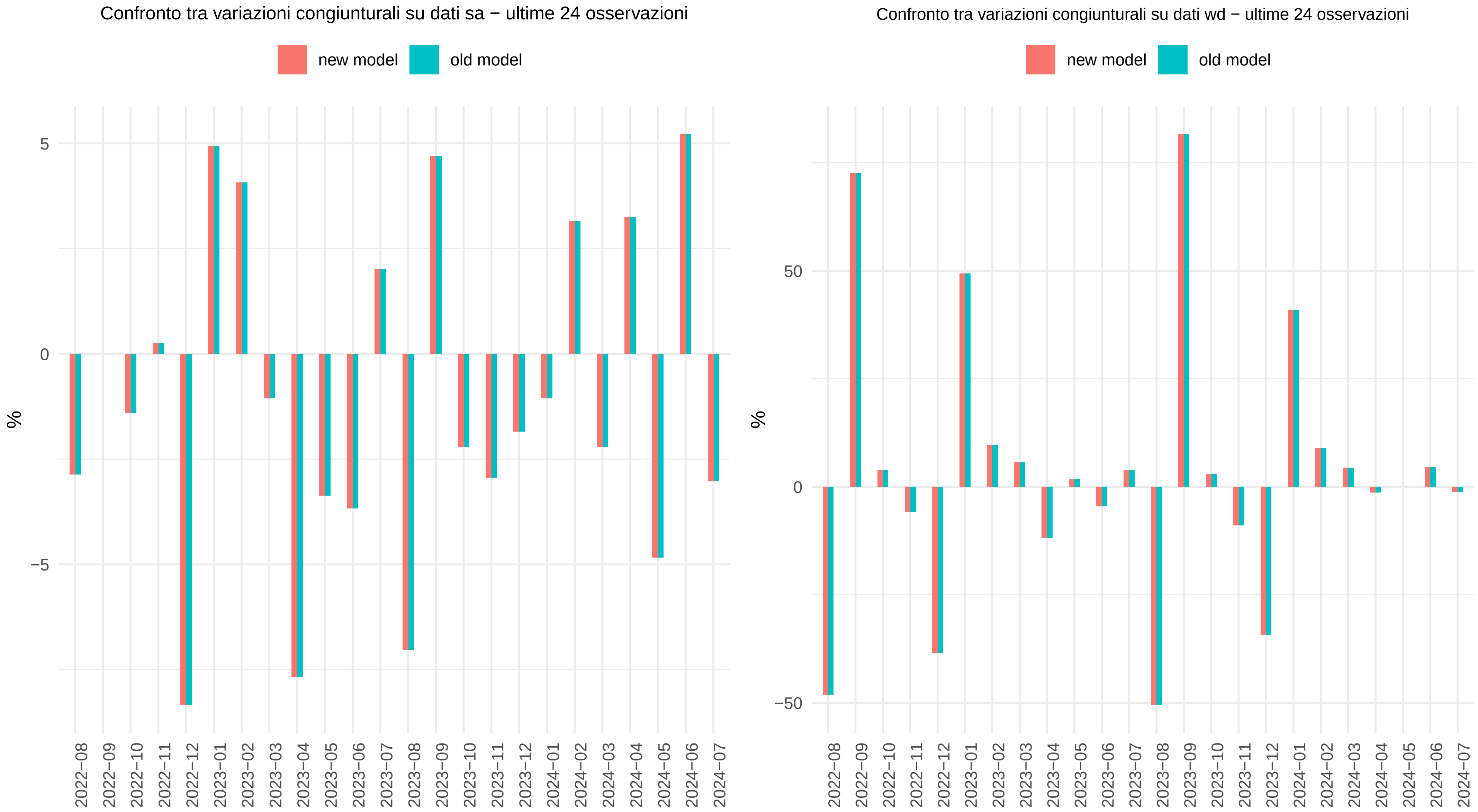
seasonality

outliers

DIVIZ24

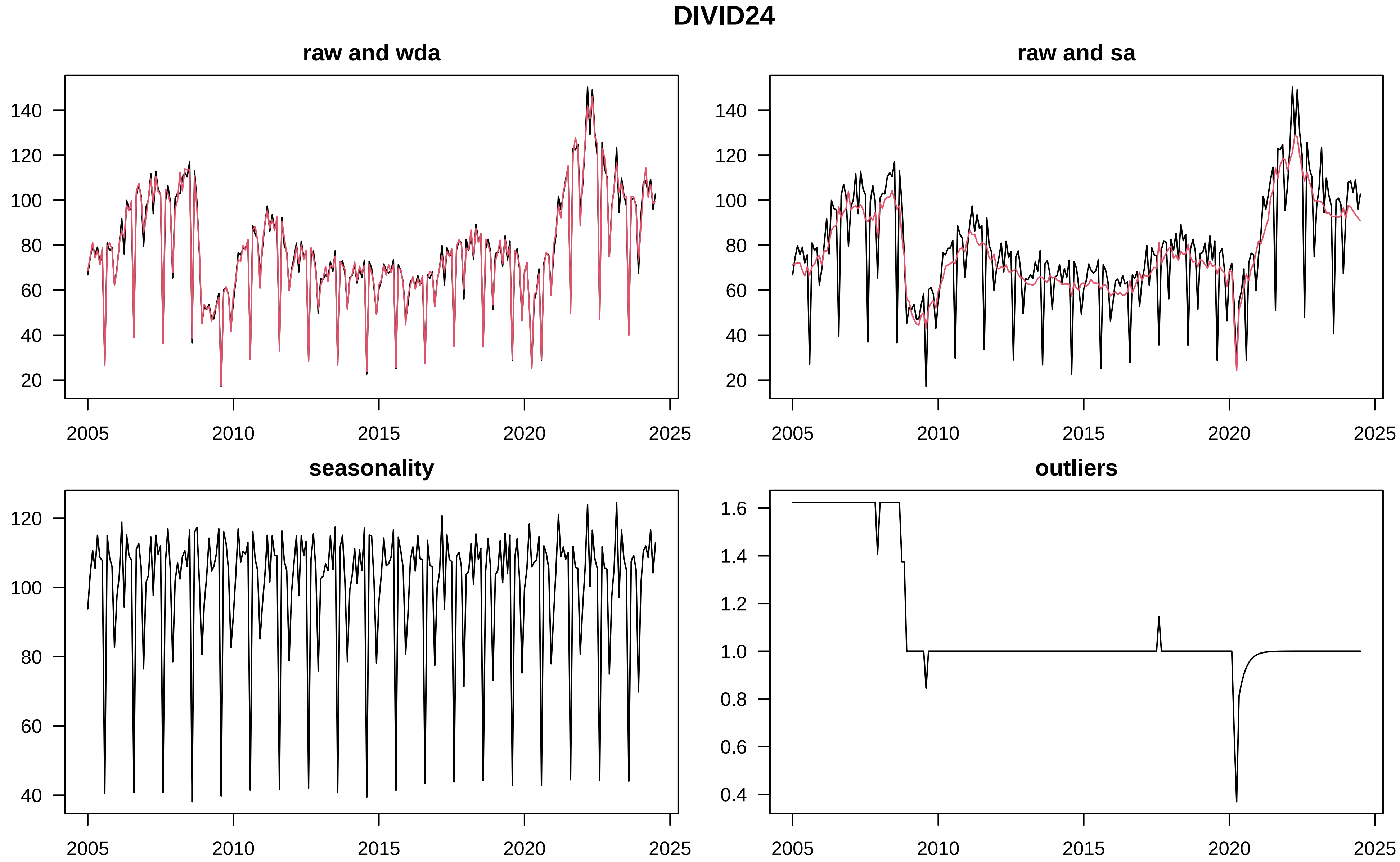

SI ratio
1.2
1.0
0.8
0.6
0.4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0.2
0
1
2
3
4
5
6

DIVIZ24

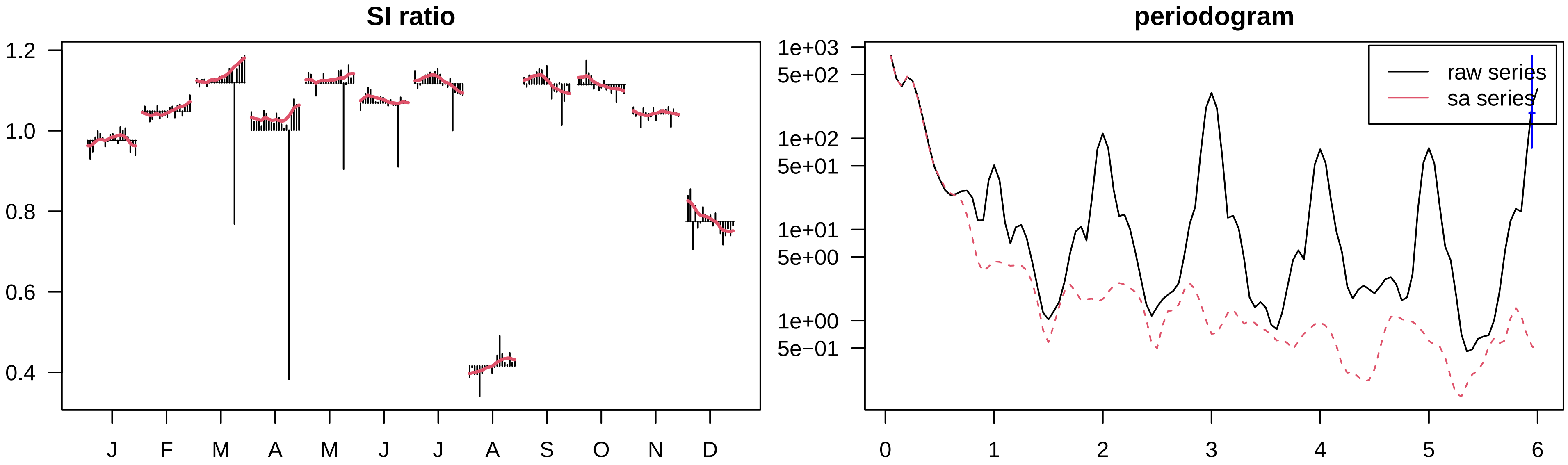


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

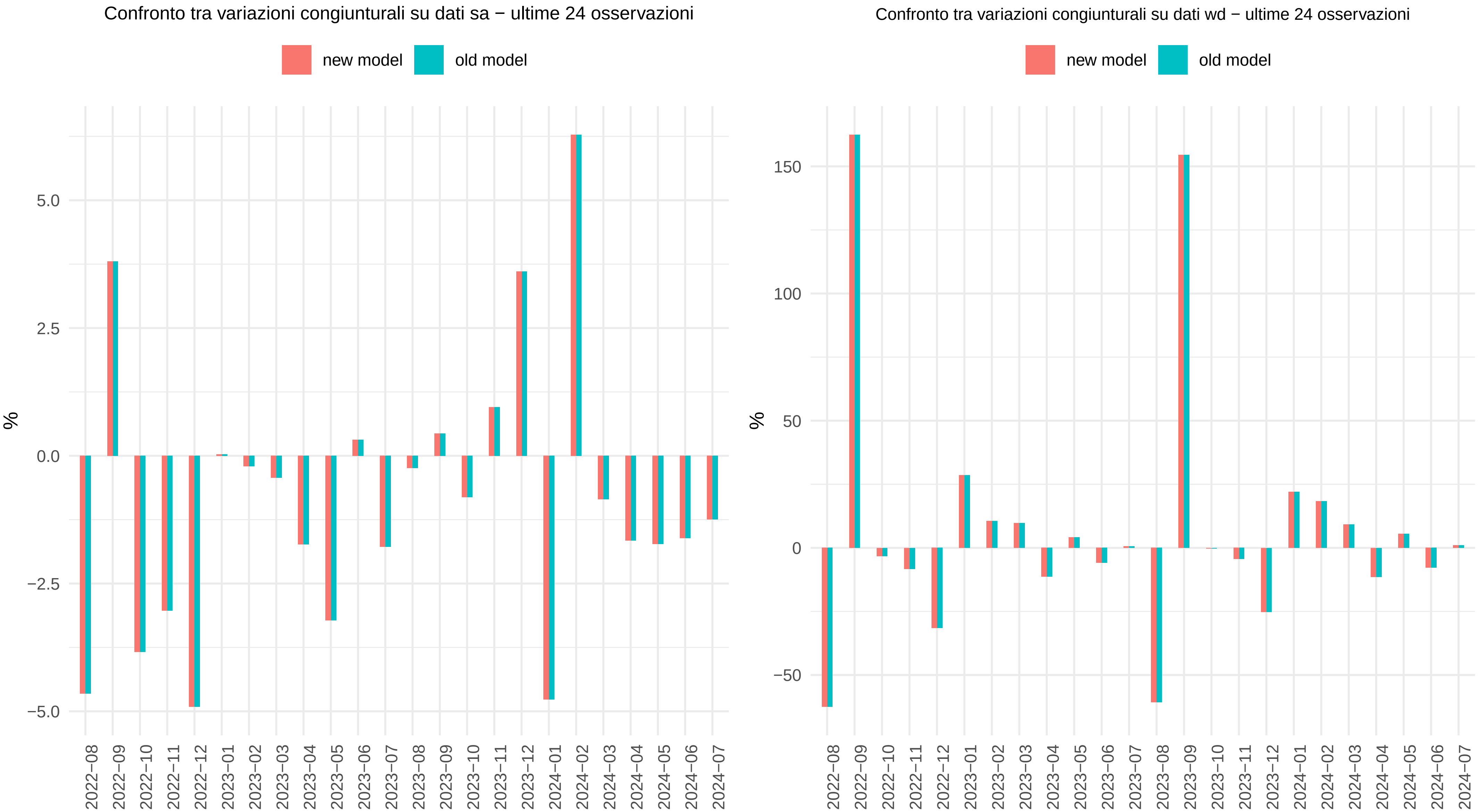
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni


DIVID24
raw and wda
raw and sa
seasonality
outliers
140
120
100
80
60
40
20
1.6
1.4
1.2
1.0
0.8
0.6
0.4
2005
2010
2015
2020
2025

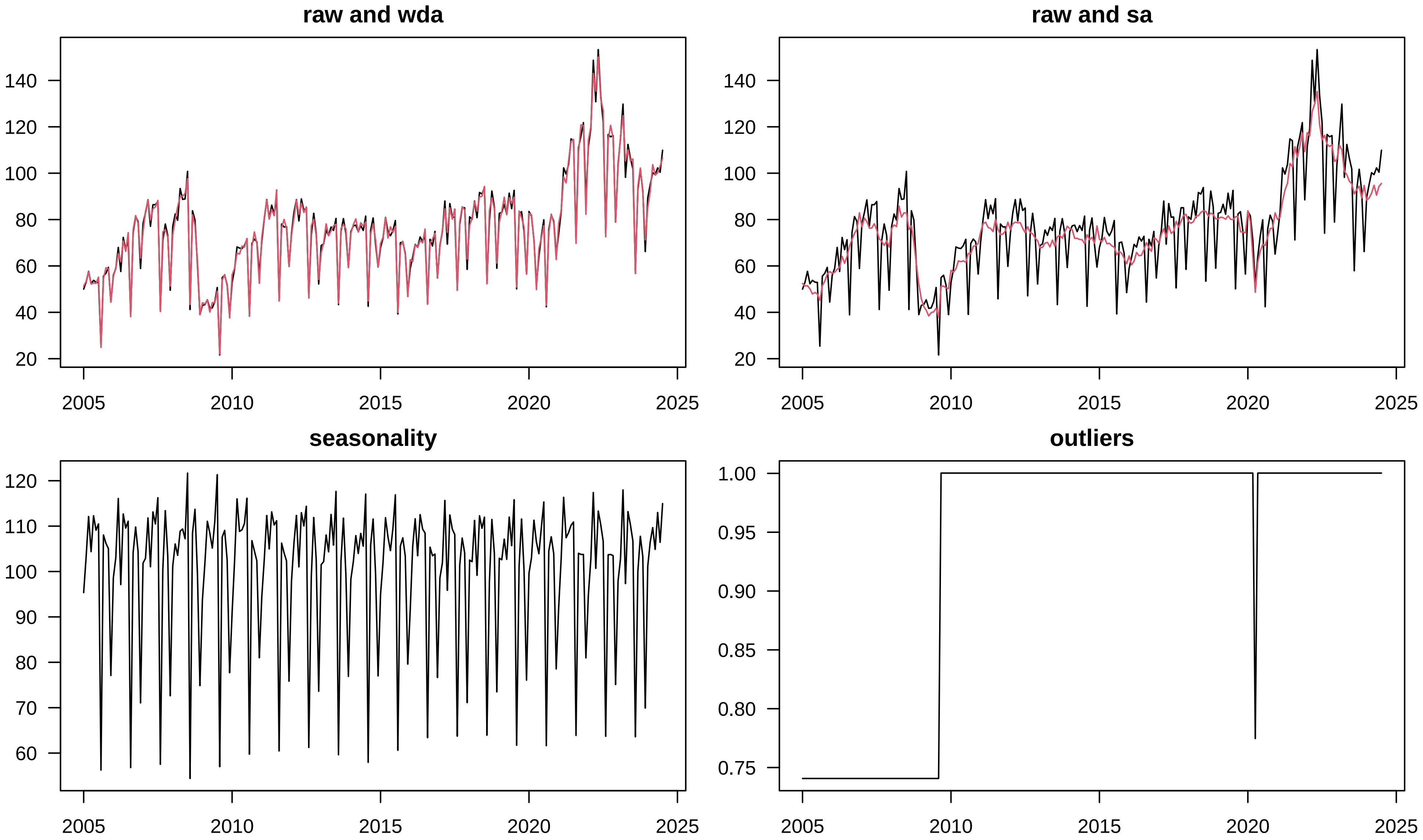
DIVID24


SI ratio
1.2
1.0
0.8
0.6
0.4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+03
5e+02
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
0
1
2
3
4
5
6
raw series
sa series

DIVID24


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
5.0
2.5
0.0
−2.5
−5.0
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
150
100
50
0
−50
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

DIVIE24

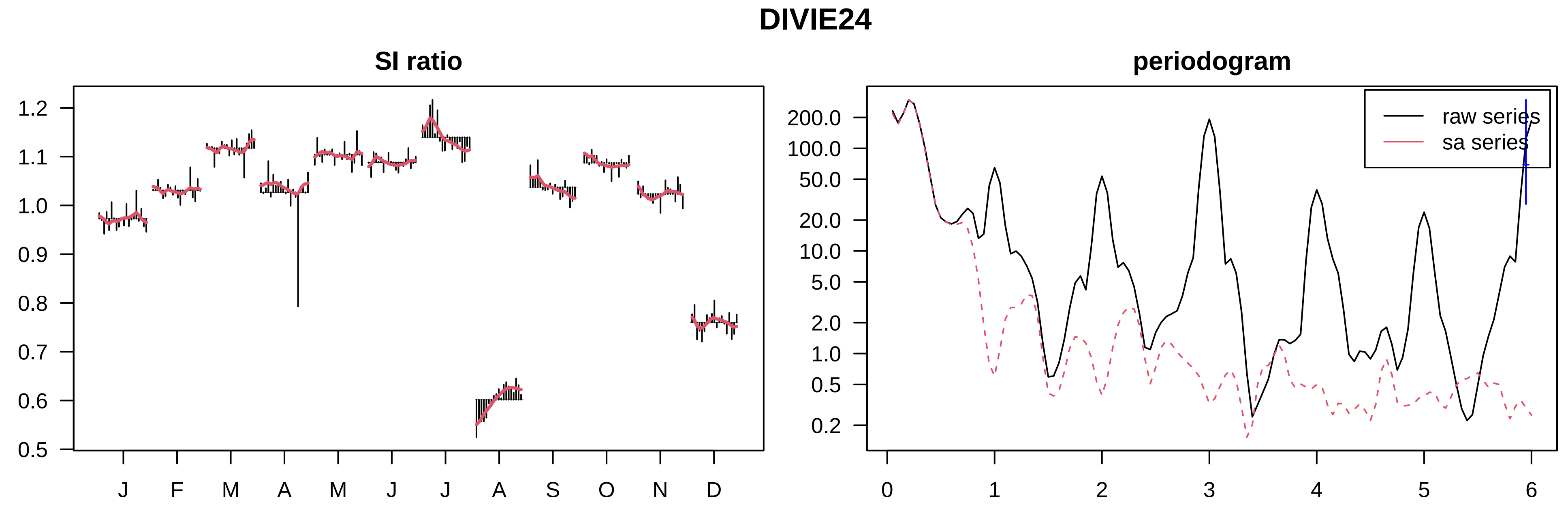


raw and wda

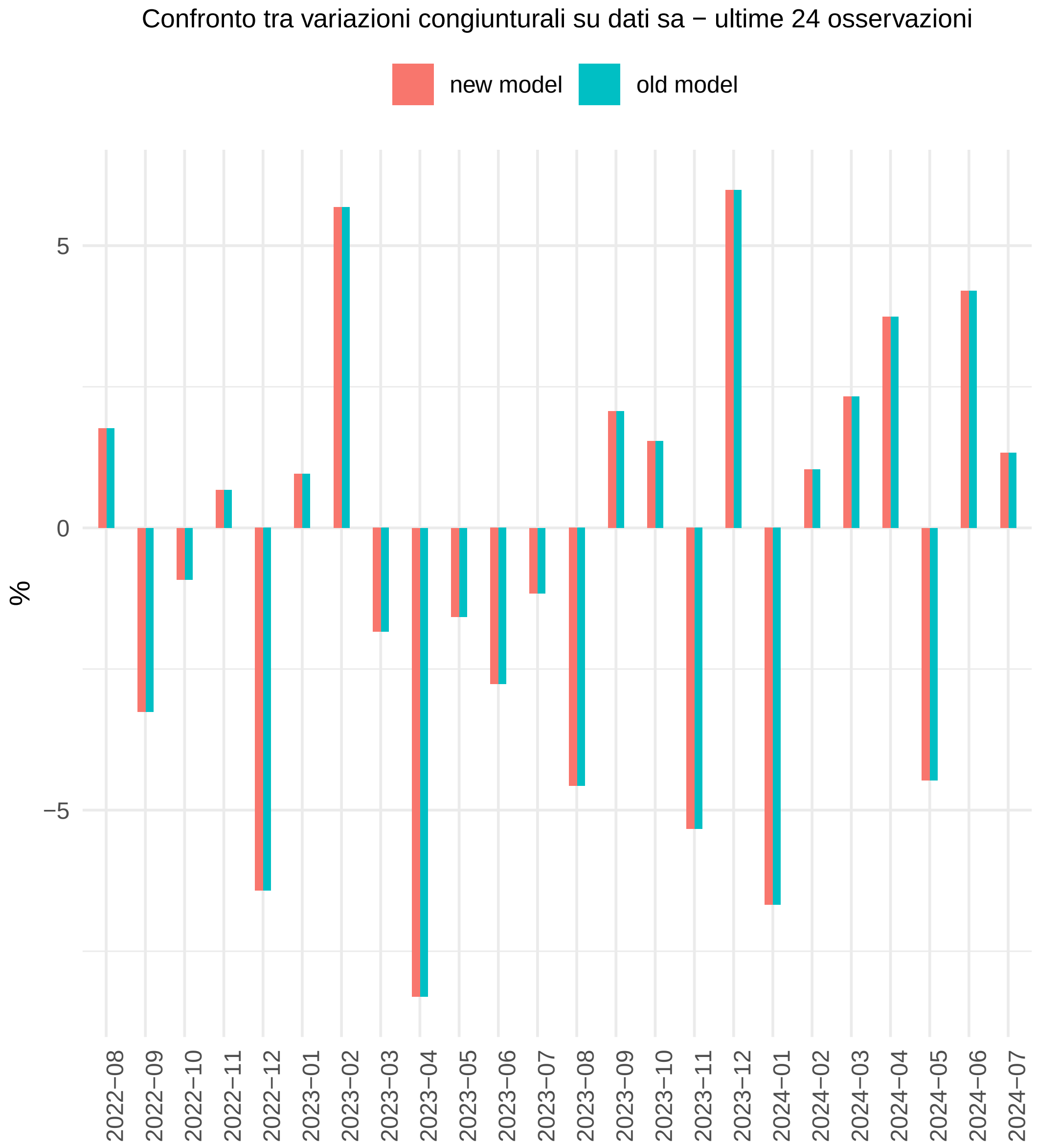
raw and sa

seasonality

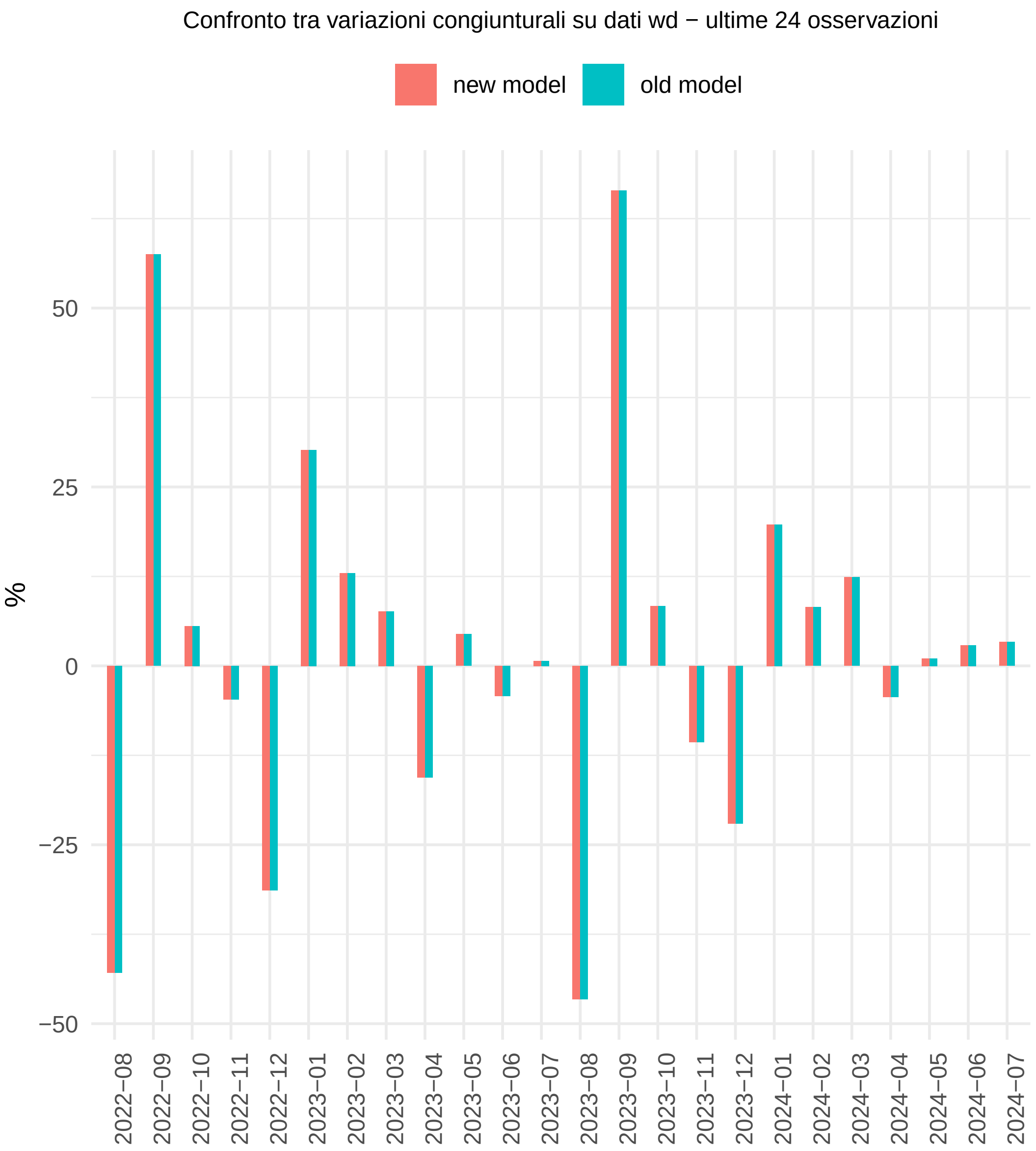
outliers


DIVIE24
SI ratio
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0.2
0
1
2
3
4
5
6

DIVIE24

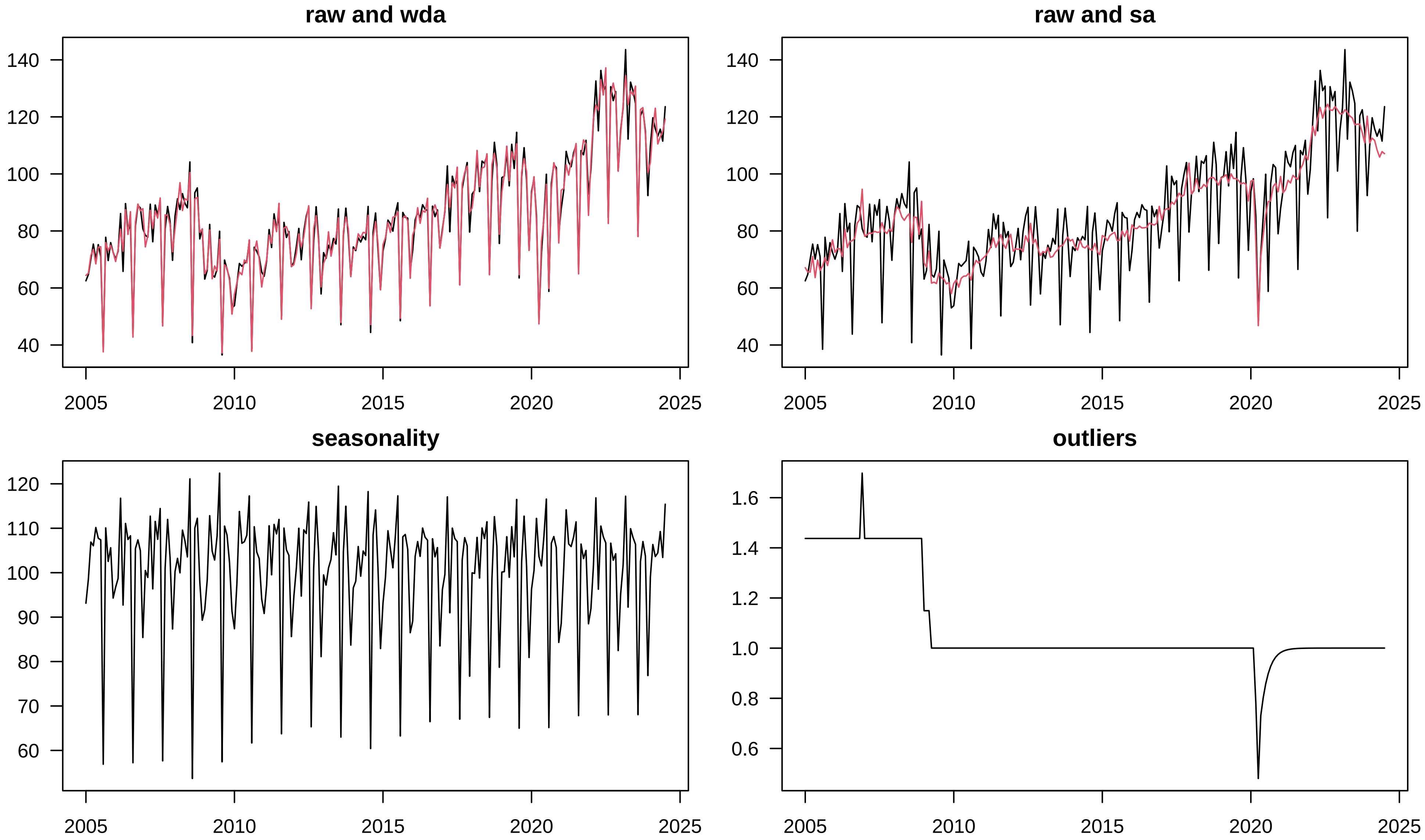


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
5
0
−5
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

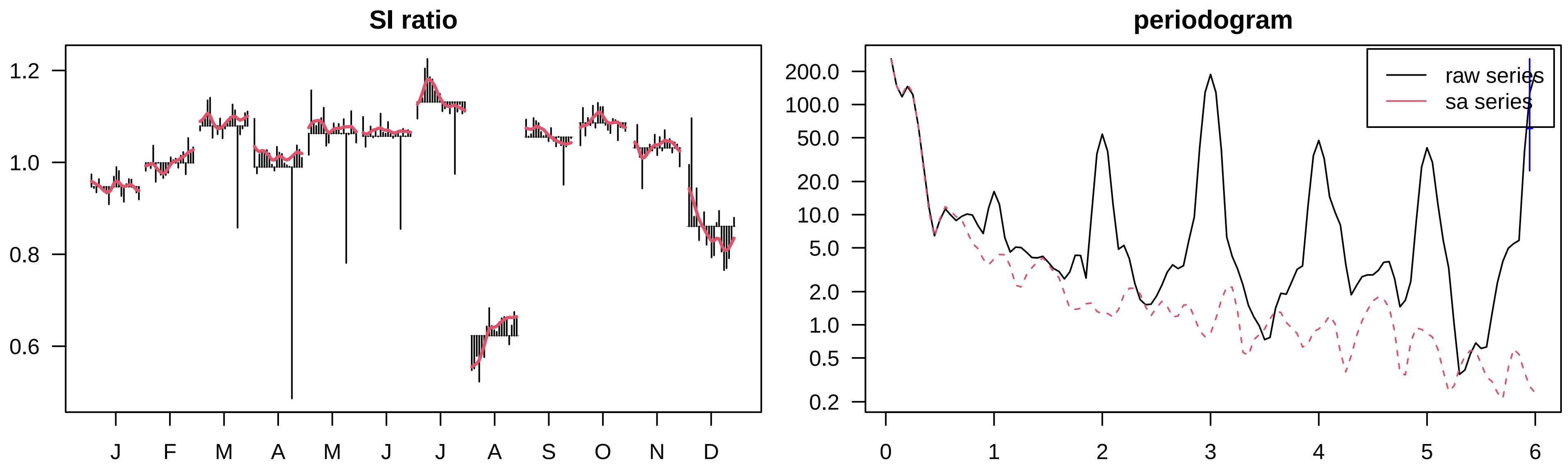


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
50
25
0
−25
−50
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

DIVIZ25

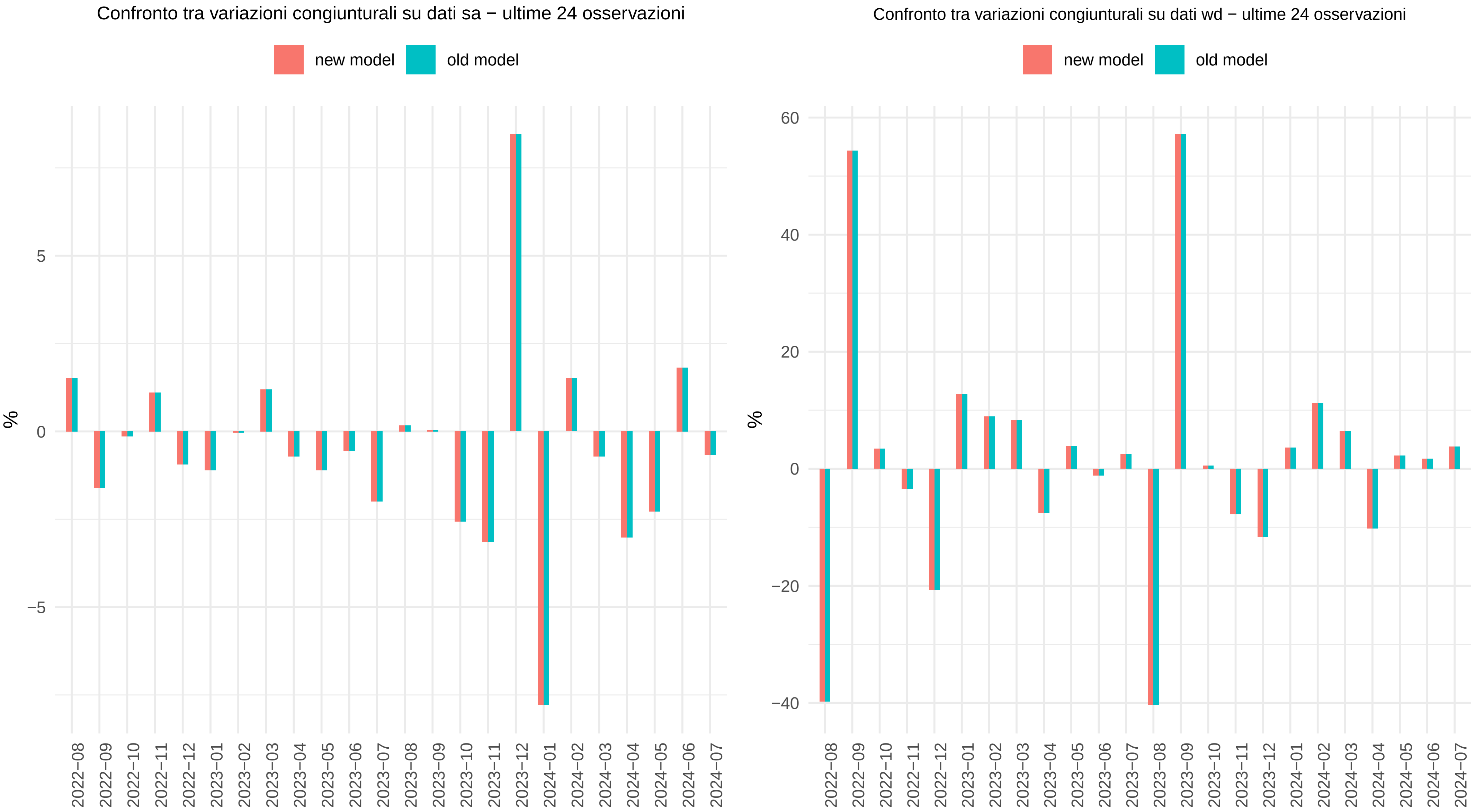

raw and wda
140
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
120
110
100
90
80
70
60
2005
2010
2015
2020
2025
outliers
1.6
1.4
1.2
1.0
0.8
0.6
2005
2010
2015
2020
2025

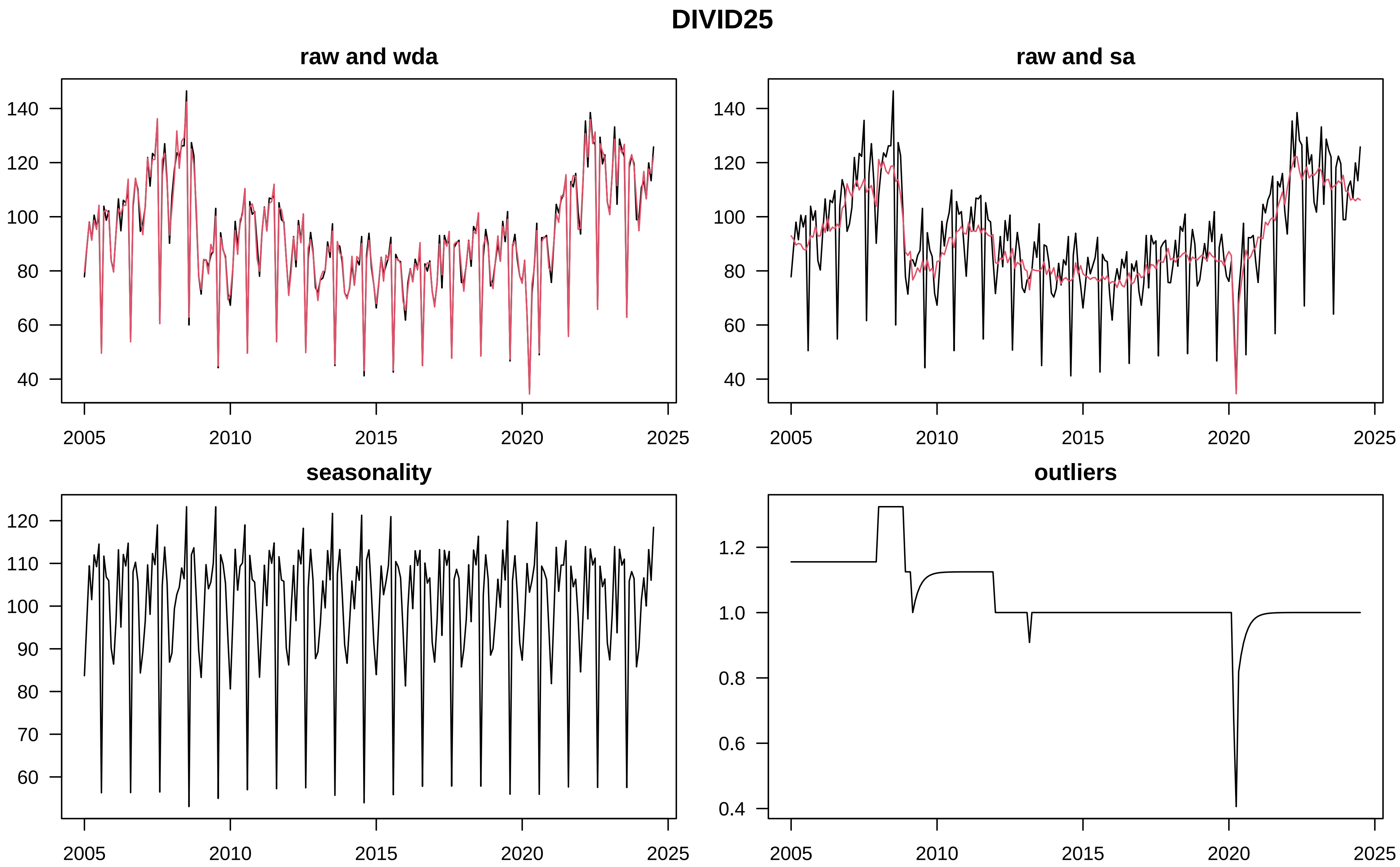
DIVIZ25

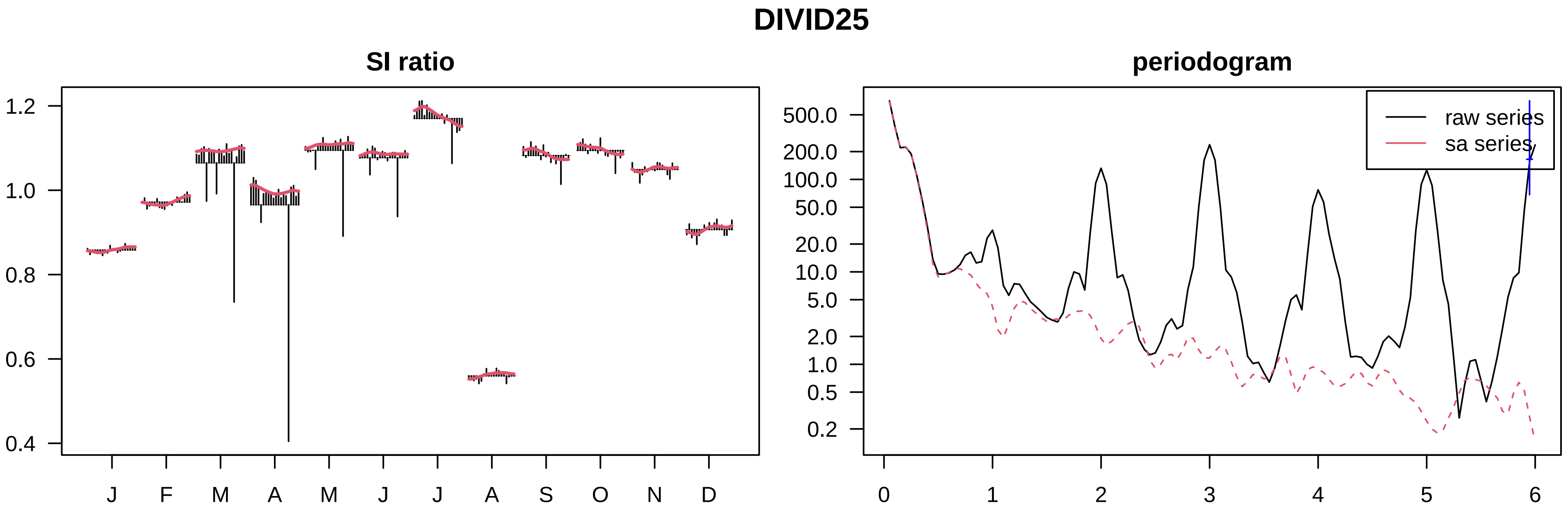


SI ratio
1.2
1.0
0.8
0.6
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0.2
0
1
2
3
4
5
6

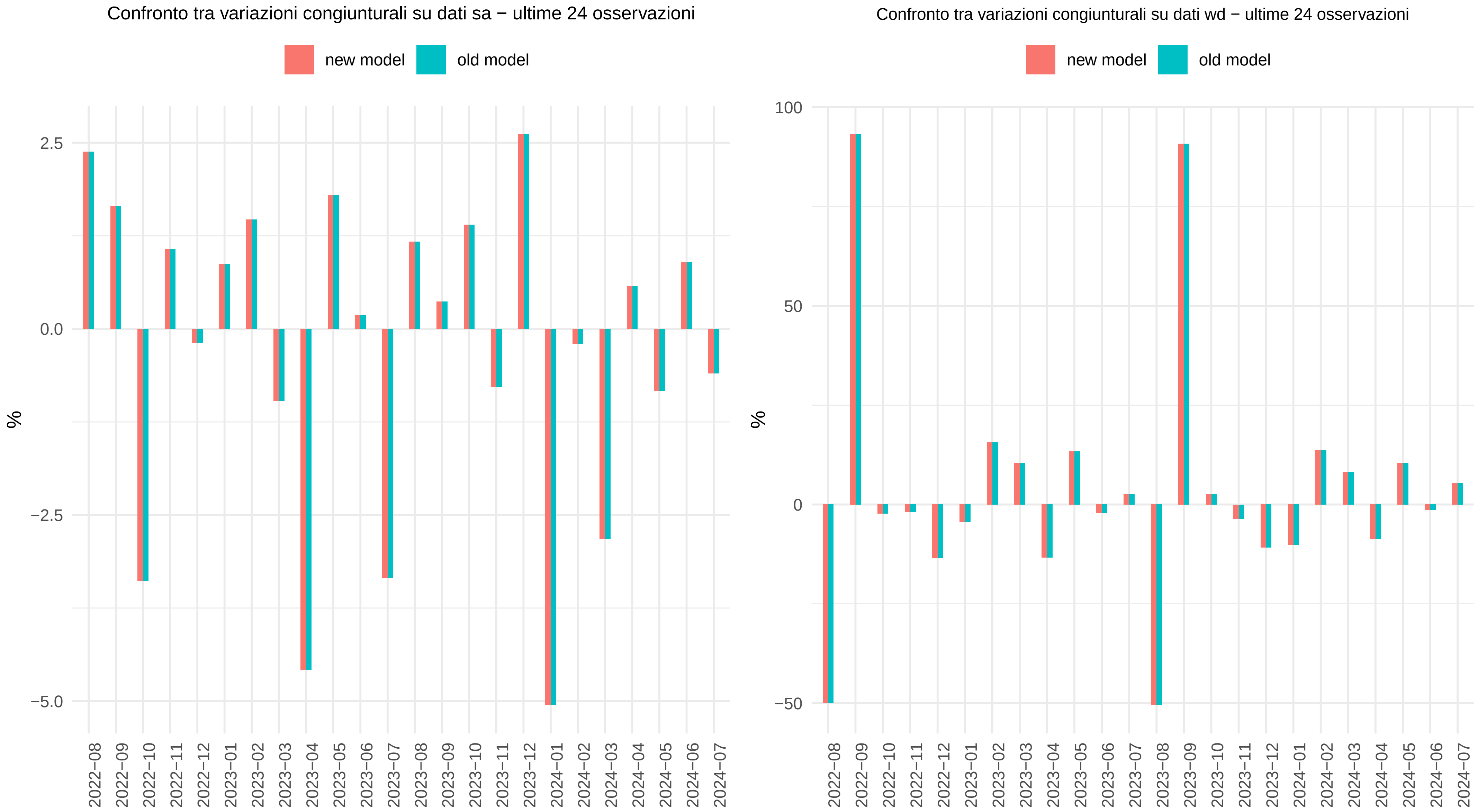
DIVIZ25


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
5
0
−5
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
60
40
20
0
−20
−40
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


DIVID25
raw and wda
140
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
120
110
100
90
80
70
60
2005
2010
2015
2020
2025
outliers
1.2
1.0
0.8
0.6
0.4
2005
2010
2015
2020
2025


DIVID25
SI ratio
1.2
1.0
0.8
0.6
0.4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0.2
0
1
2
3
4
5
6
raw series
sa series

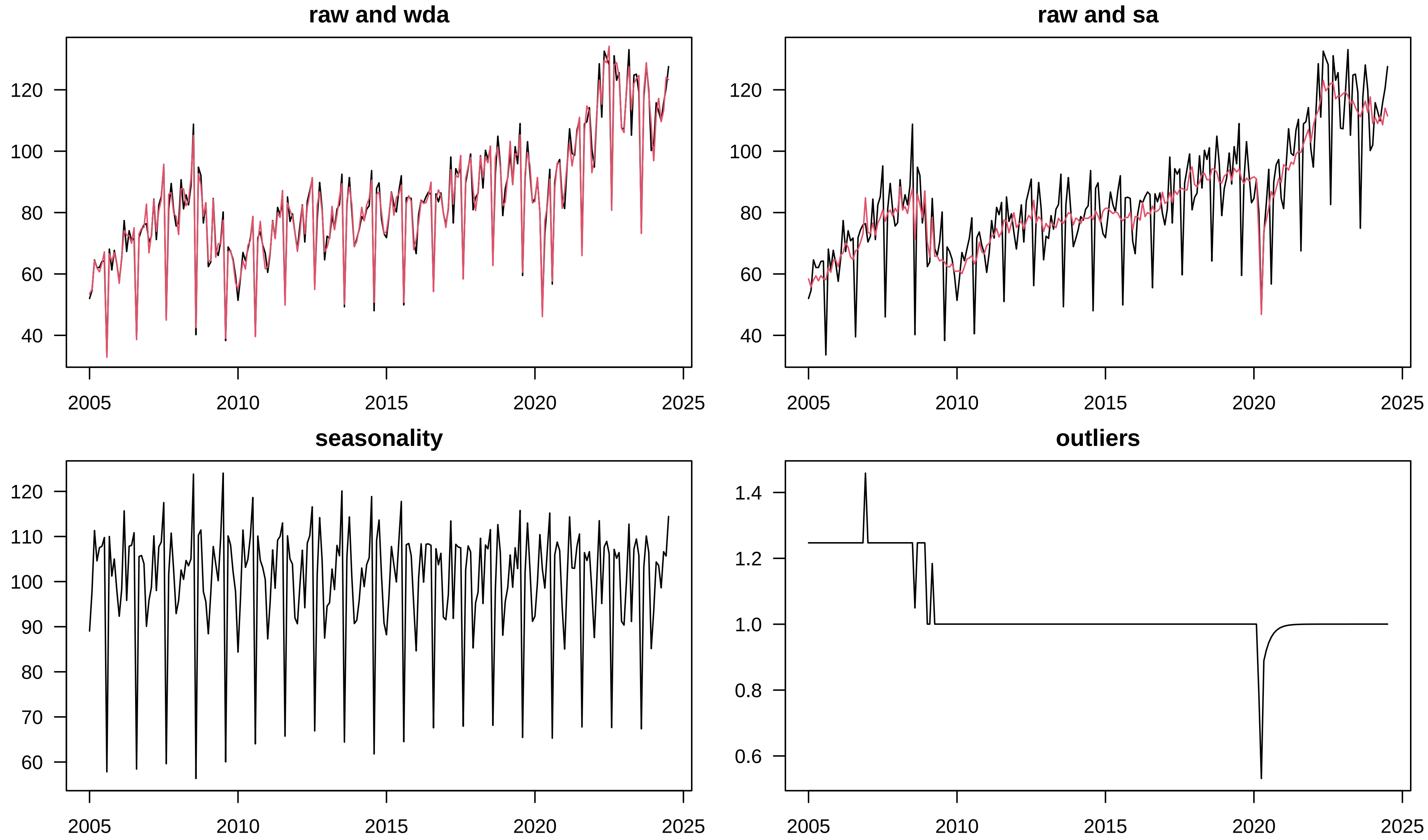
DIVID25



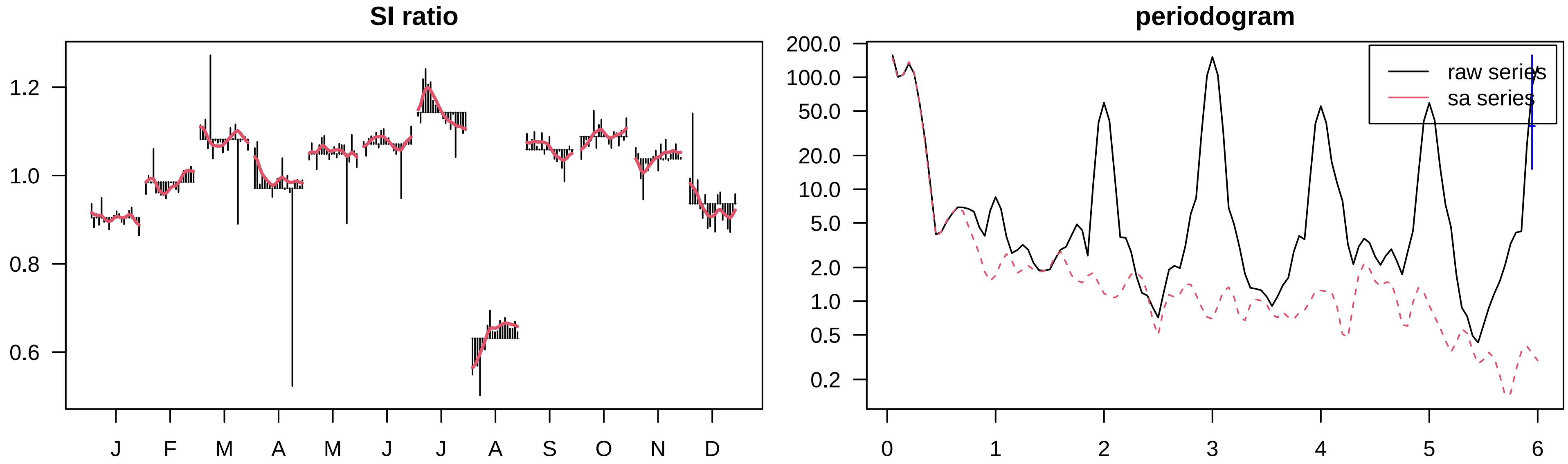
Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

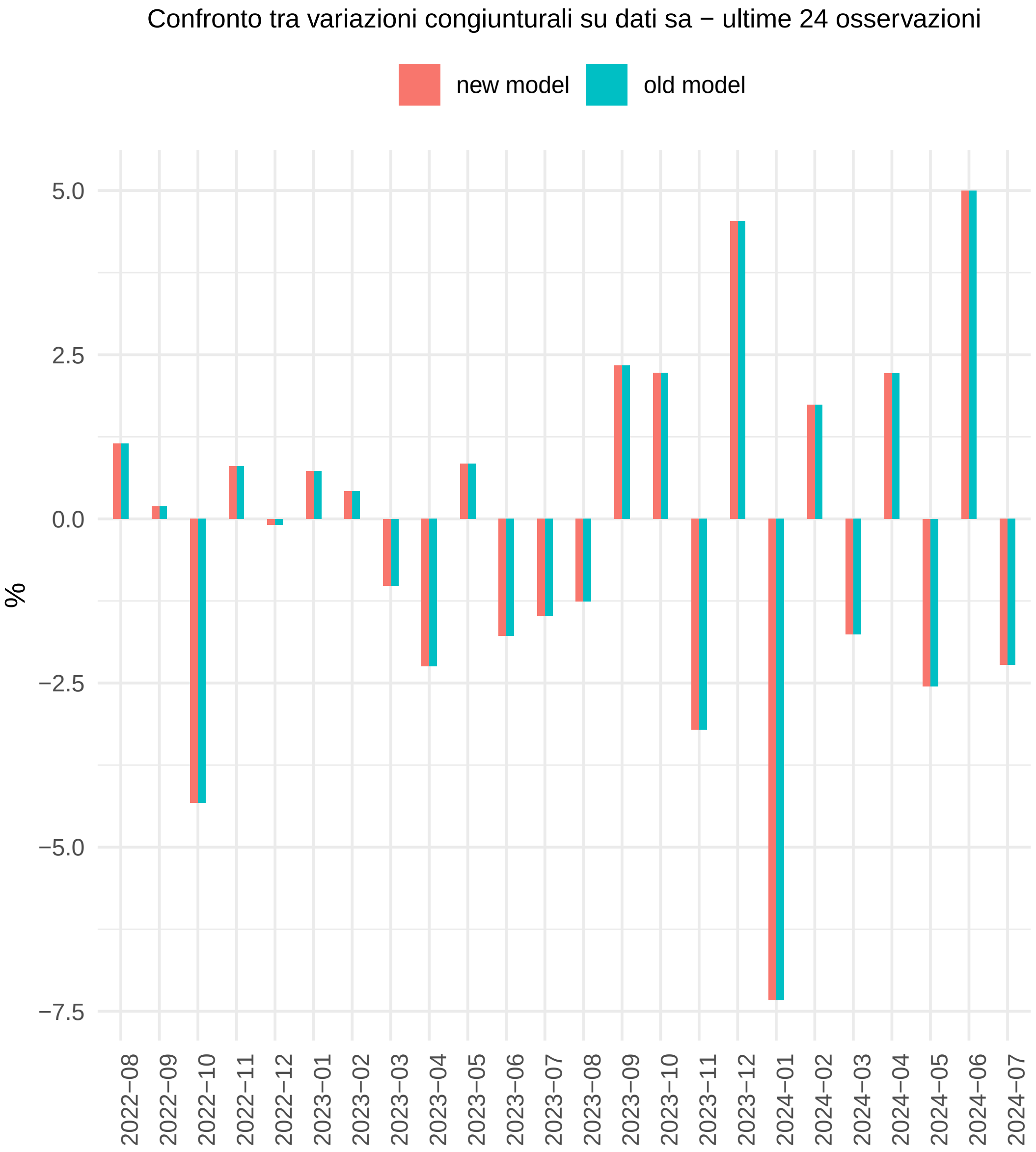
DIVIE25


raw and wda
raw and sa
seasonality
outliers
120
100
80
60
40
110
90
70
1.4
1.2
1.0
0.8
0.6
2005
2010
2015
2020
2025

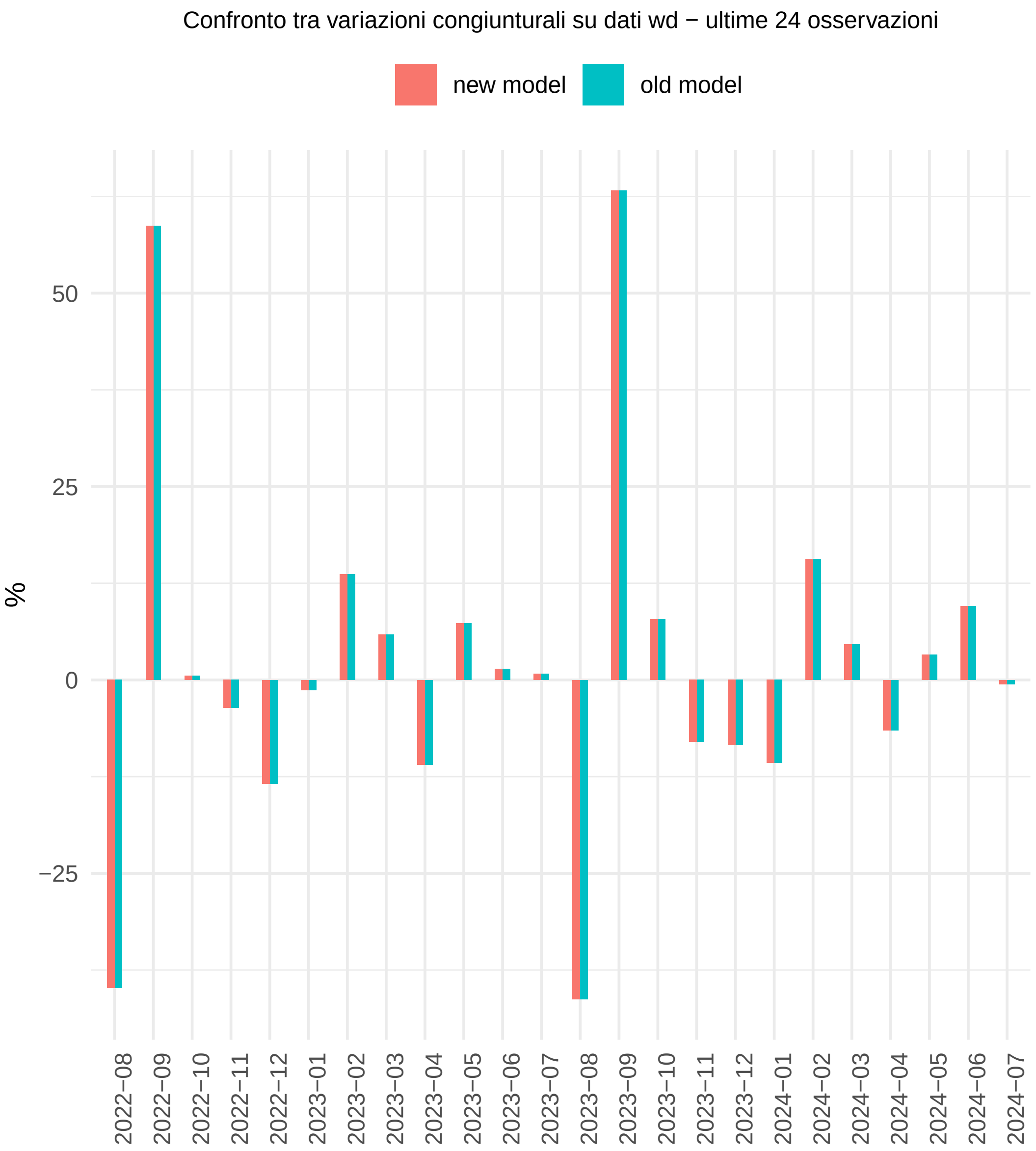
DIVIE25


SI ratio
1.2
1.0
0.8
0.6
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0.2
0
1
2
3
4
5
6
raw series
sa series

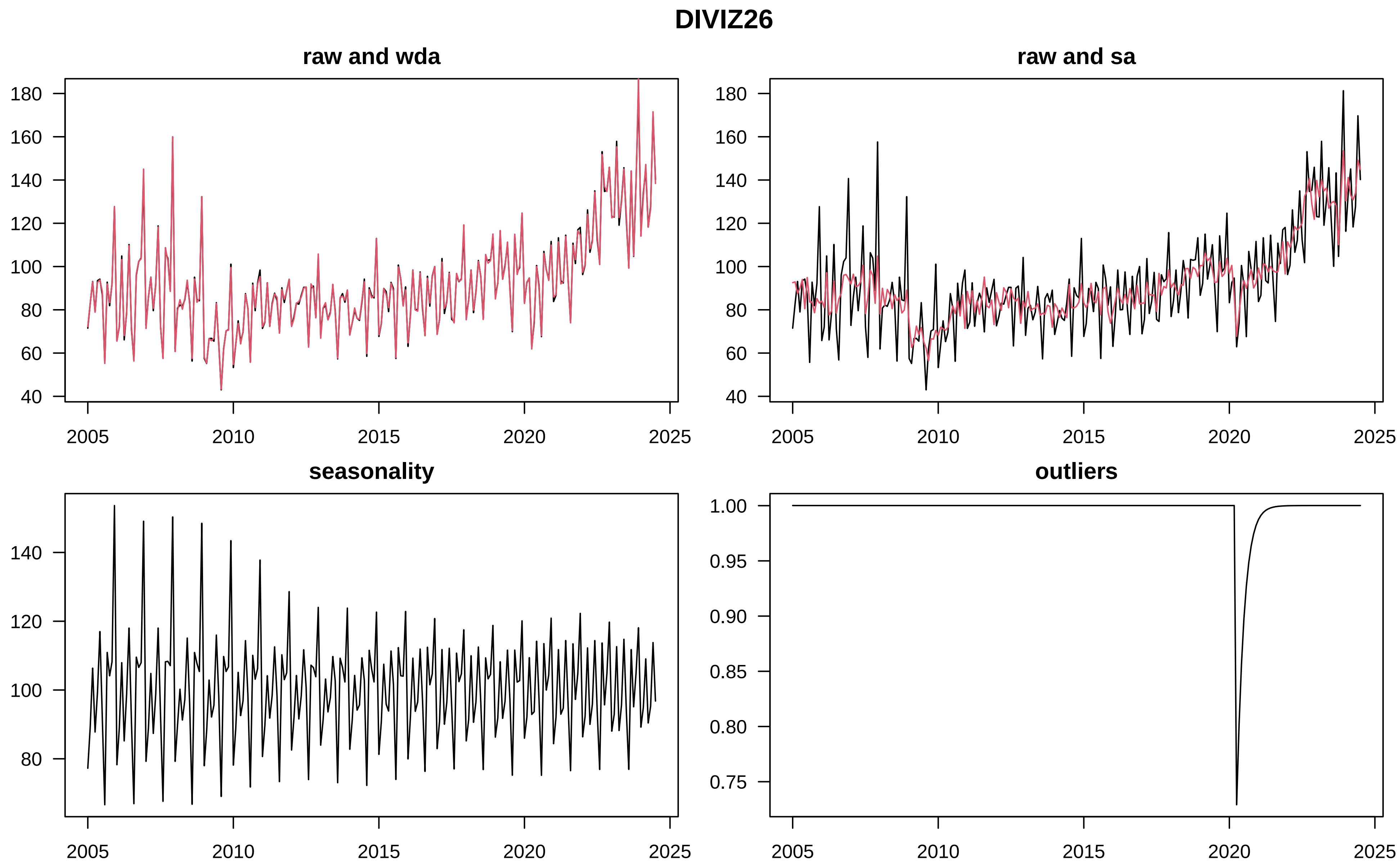
DIVIE25



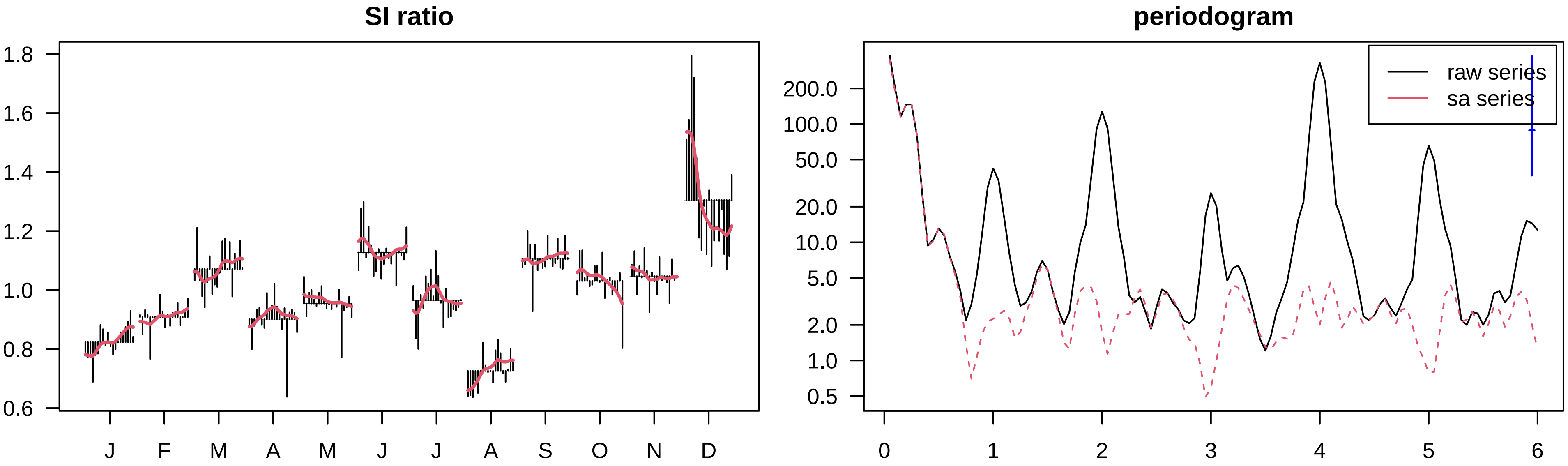
Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni



Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni


DIVIZ26
raw and wda
180
160
140
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
180
160
140
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
140
120
100
80
2005
2010
2015
2020
2025
outliers
1.00
0.95
0.90
0.85
0.80
0.75
2005
2010
2015
2020
2025

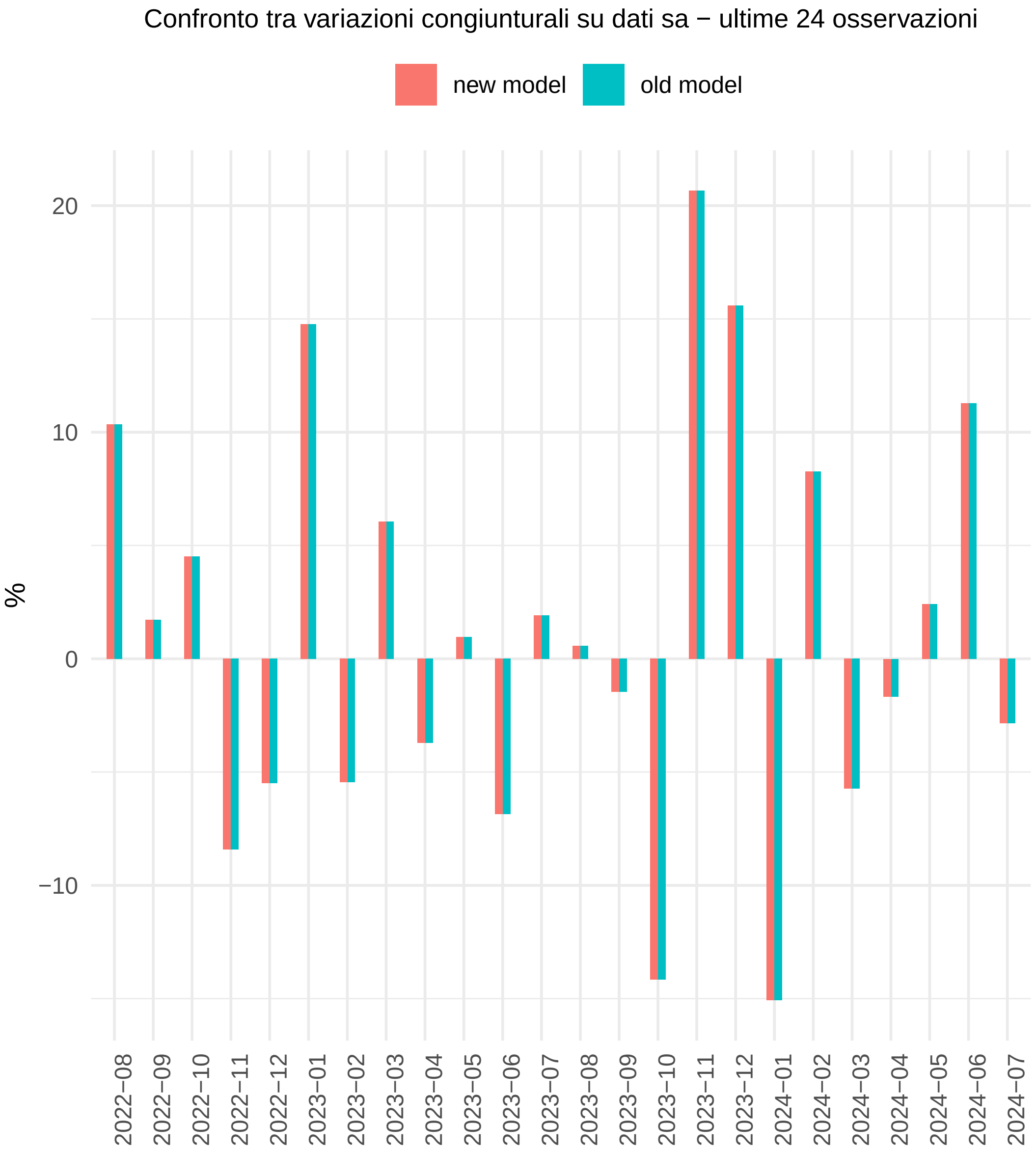
DIVIZ26



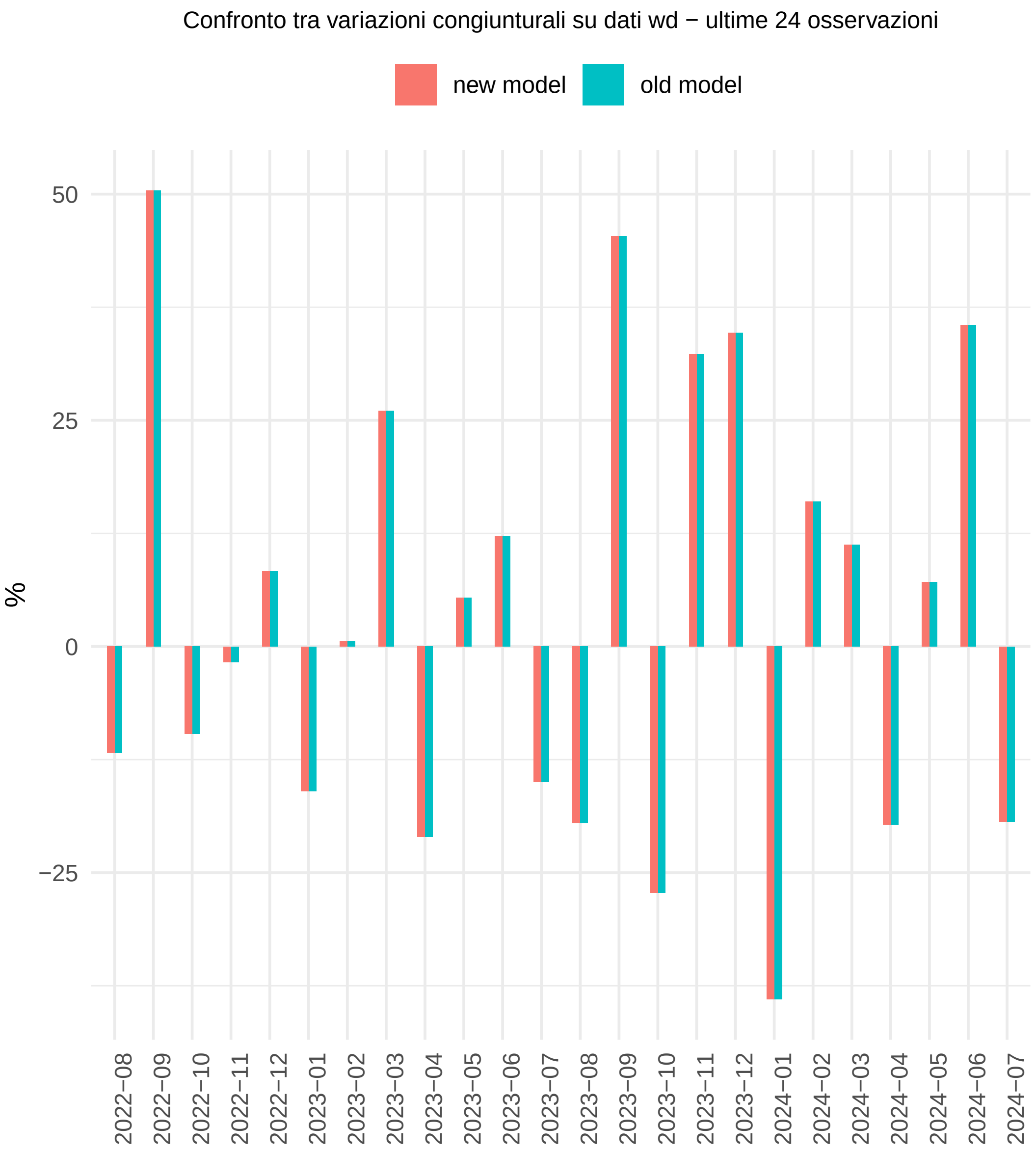
SI ratio

periodogram

DIVIZ26

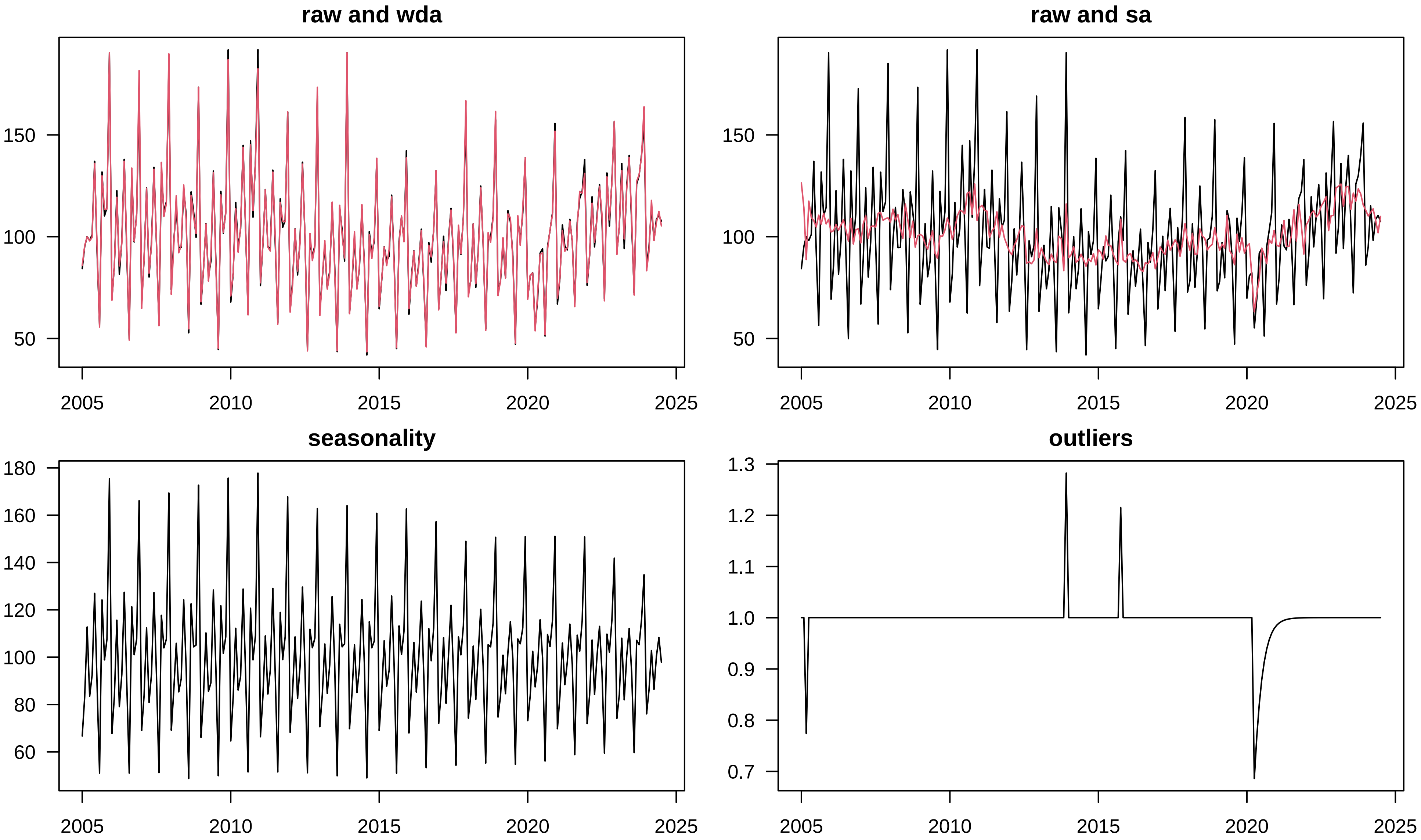


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

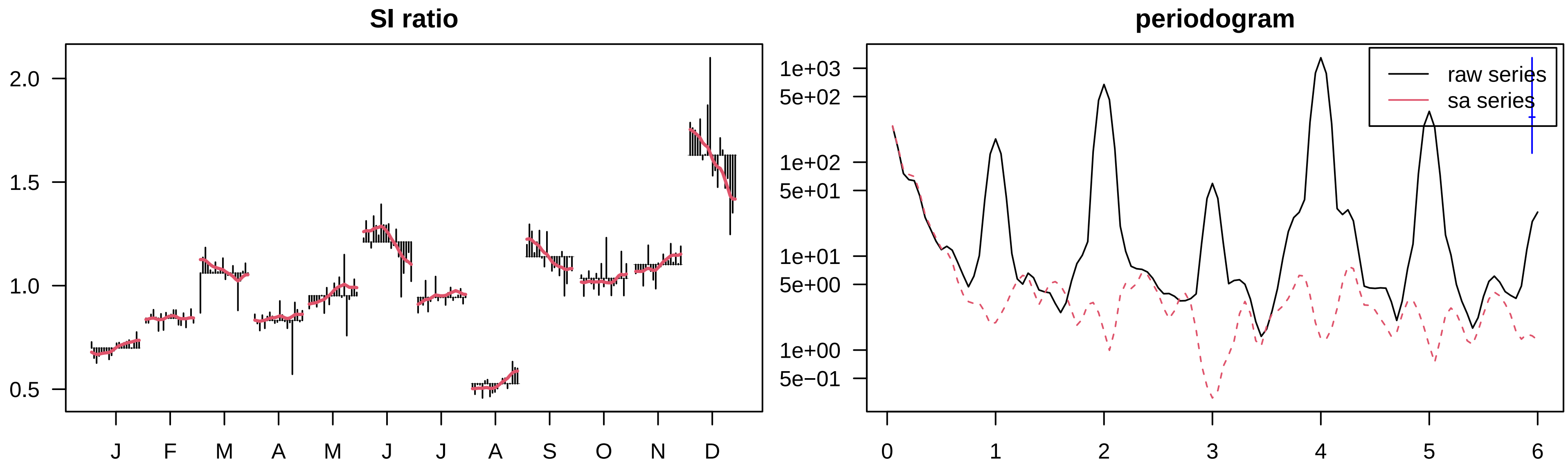


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

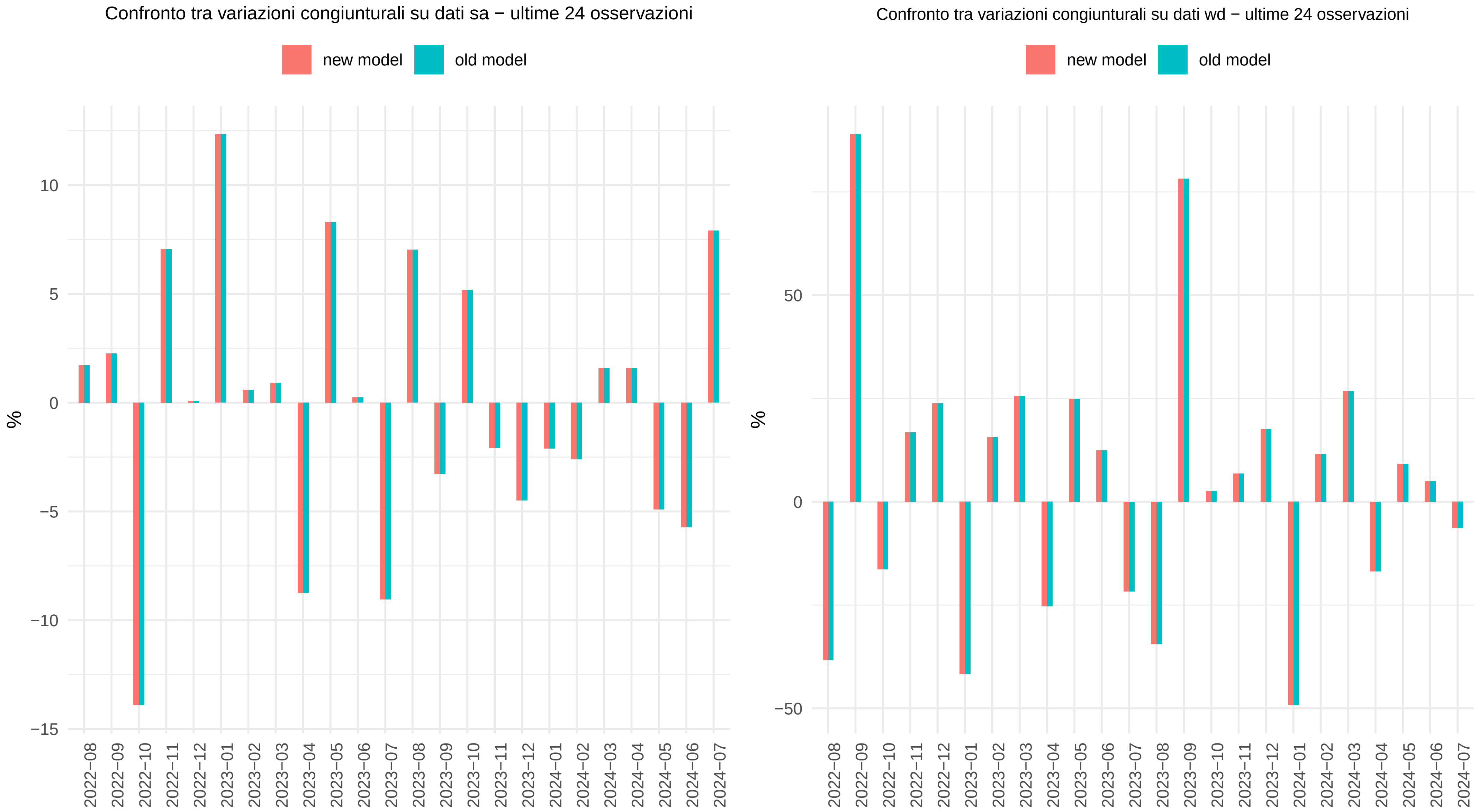
DIVID26


raw and wda
150
100
50
2005
2010
2015
2020
2025
raw and sa
150
100
50
2005
2010
2015
2020
2025
seasonality
180
160
140
120
100
80
60
2005
2010
2015
2020
2025
outliers
1.3
1.2
1.1
1.0
0.9
0.8
0.7
2005
2010
2015
2020
2025

DIVID26

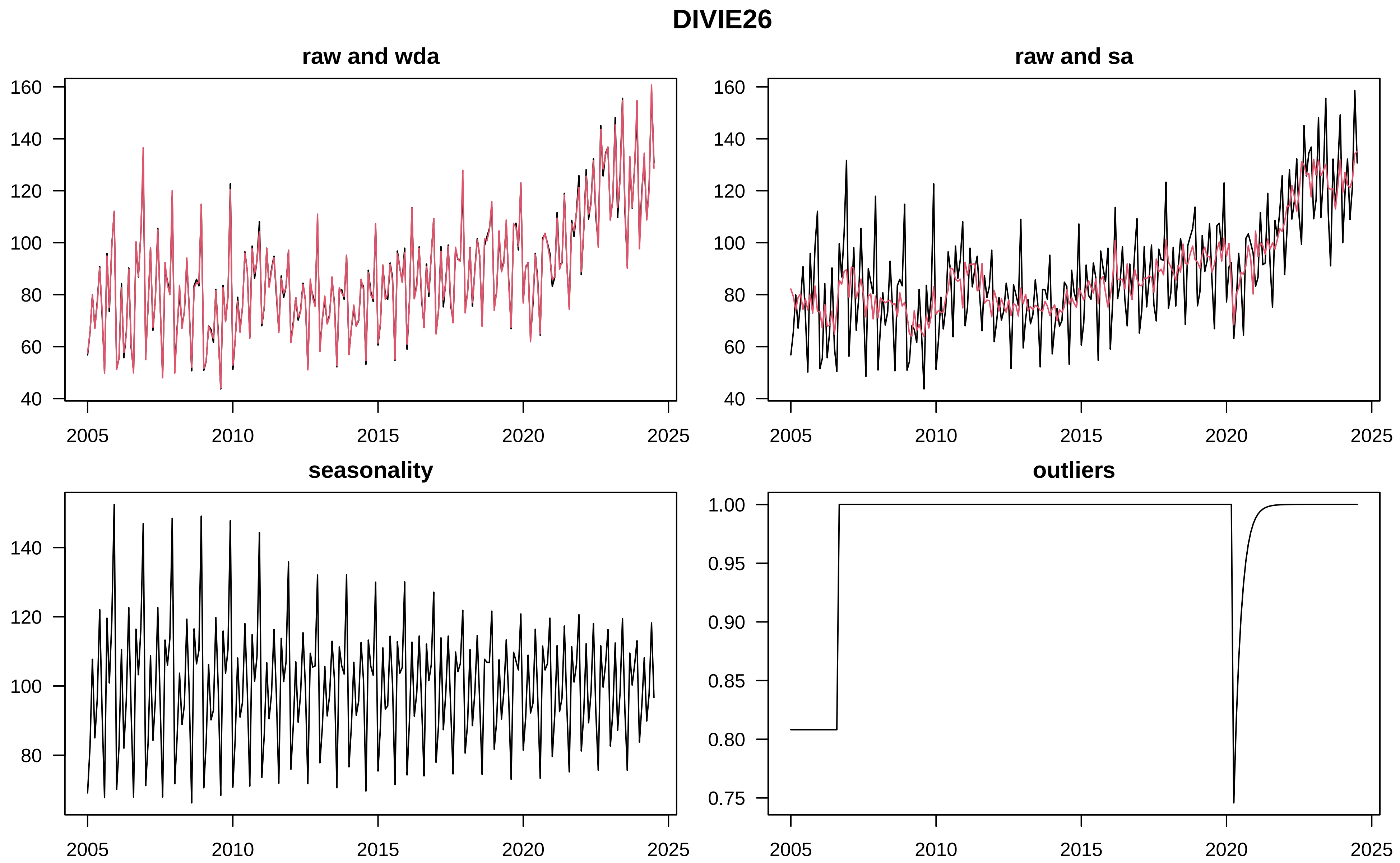

SI ratio
2.0
1.5
1.0
0.5
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+03
5e+02
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
0
1
2
3
4
5
6
raw series
sa series

DIVID26



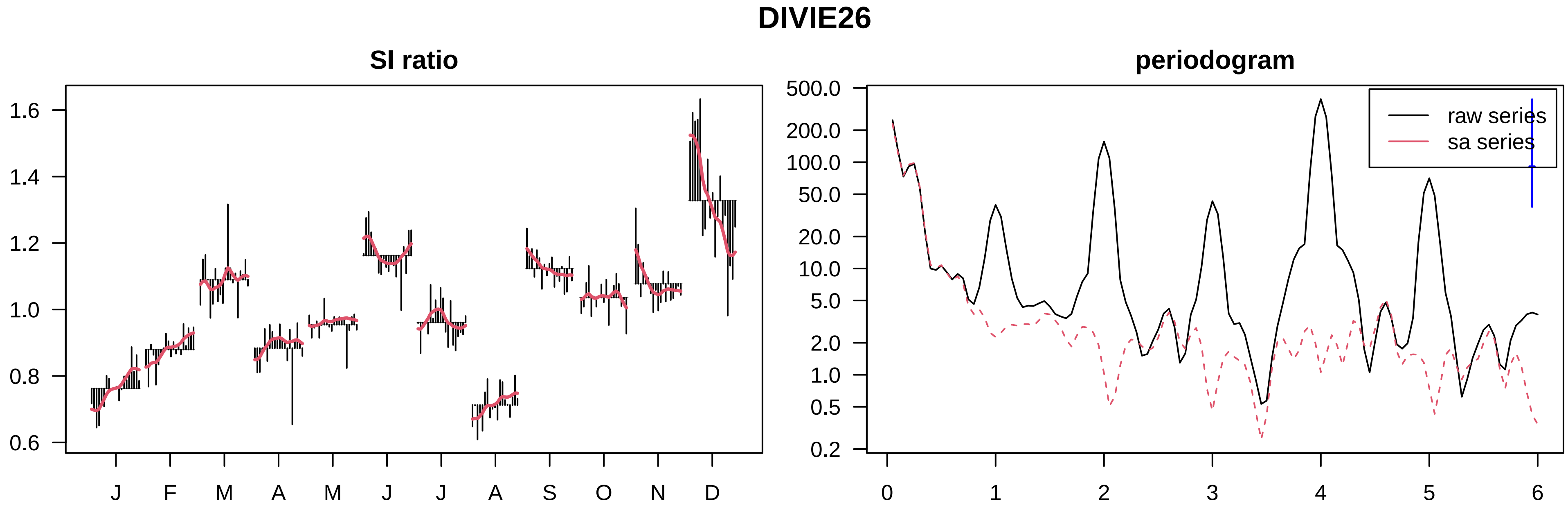
Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni



DIVIE26

raw and wda
160
140
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
160
140
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
140
120
100
80
2005
2010
2015
2020
2025
outliers
1.00
0.95
0.90
0.85
0.80
0.75
2005
2010
2015
2020
2025

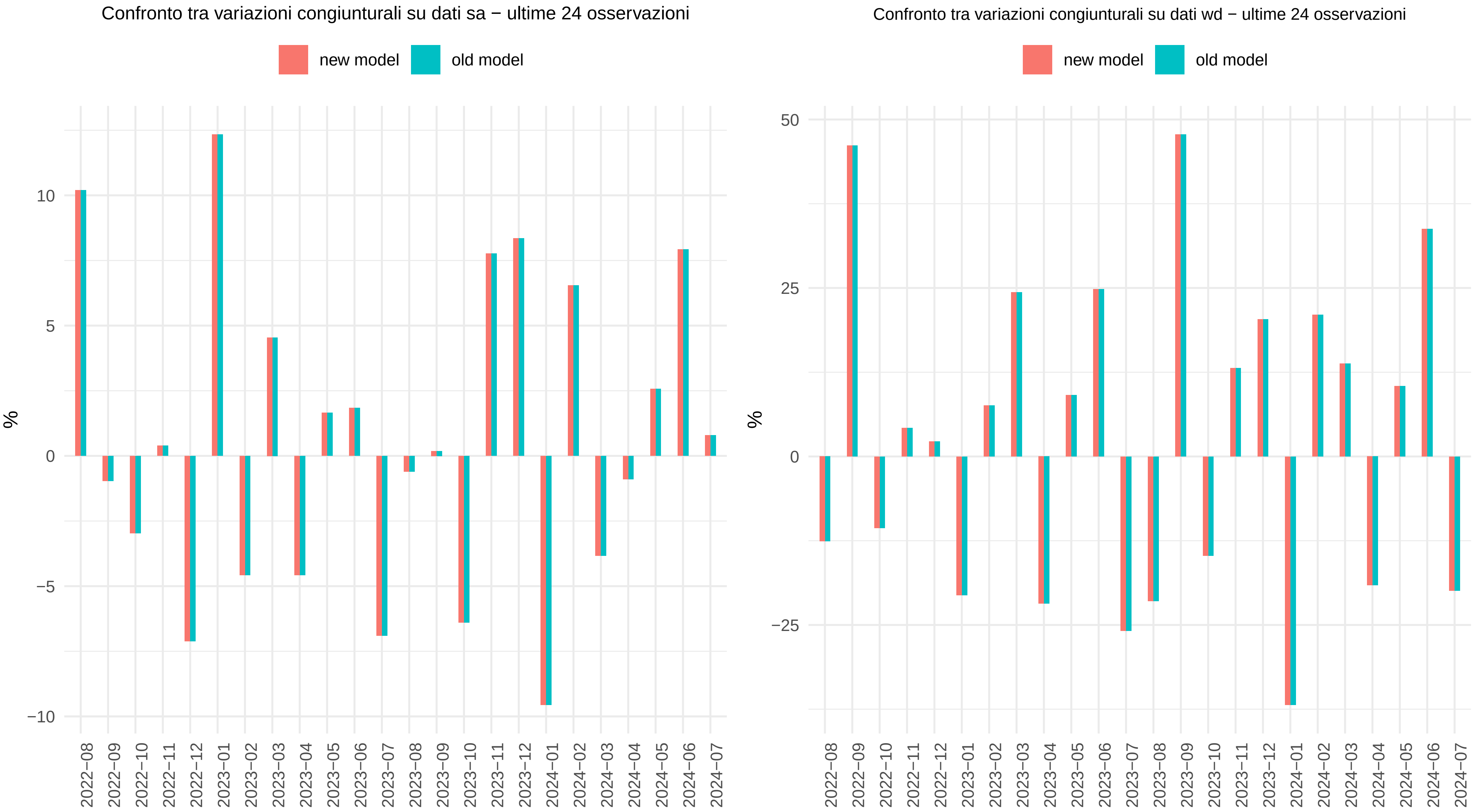


DIVIE26

SI ratio

periodogram

DIVIE26


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
10
5
0
−5
−10
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
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2023−08
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2023−10
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2023−12
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2024−02
2024−03
2024−04
2024−05
2024−06
2024−07
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
50
25
0
−25
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
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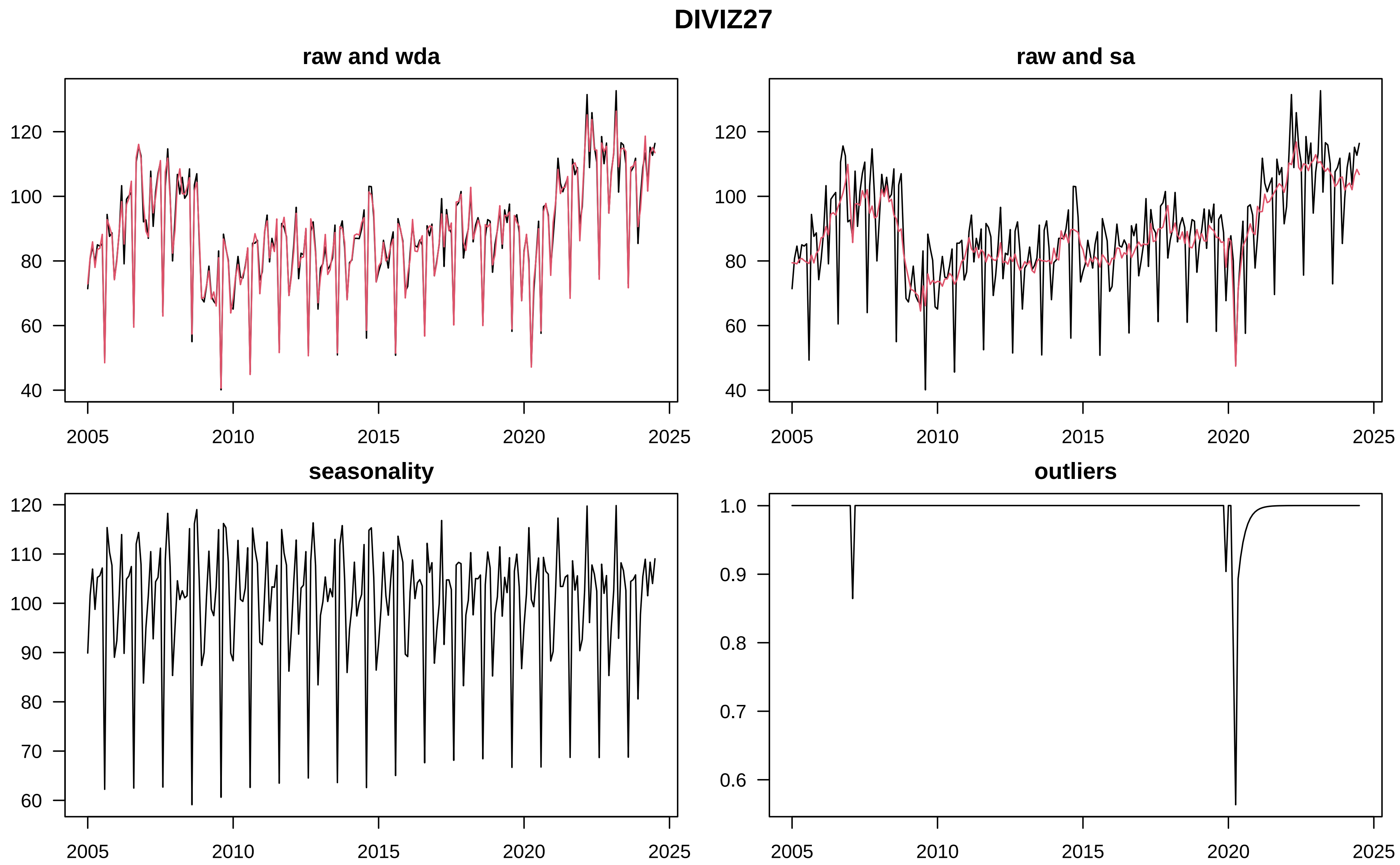
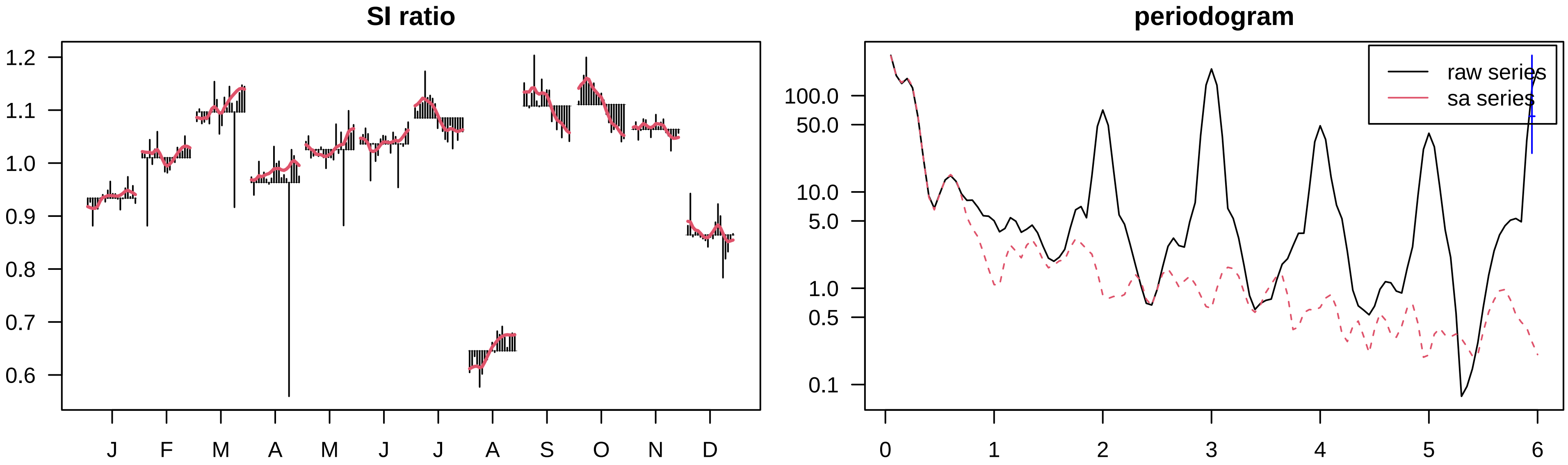

DIVIZ27
raw and wda
raw and sa
seasonality
outliers
120
100
80
60
40
110
90
70
1.0
0.9
0.8
0.7
0.6
2005
2010
2015
2020
2025

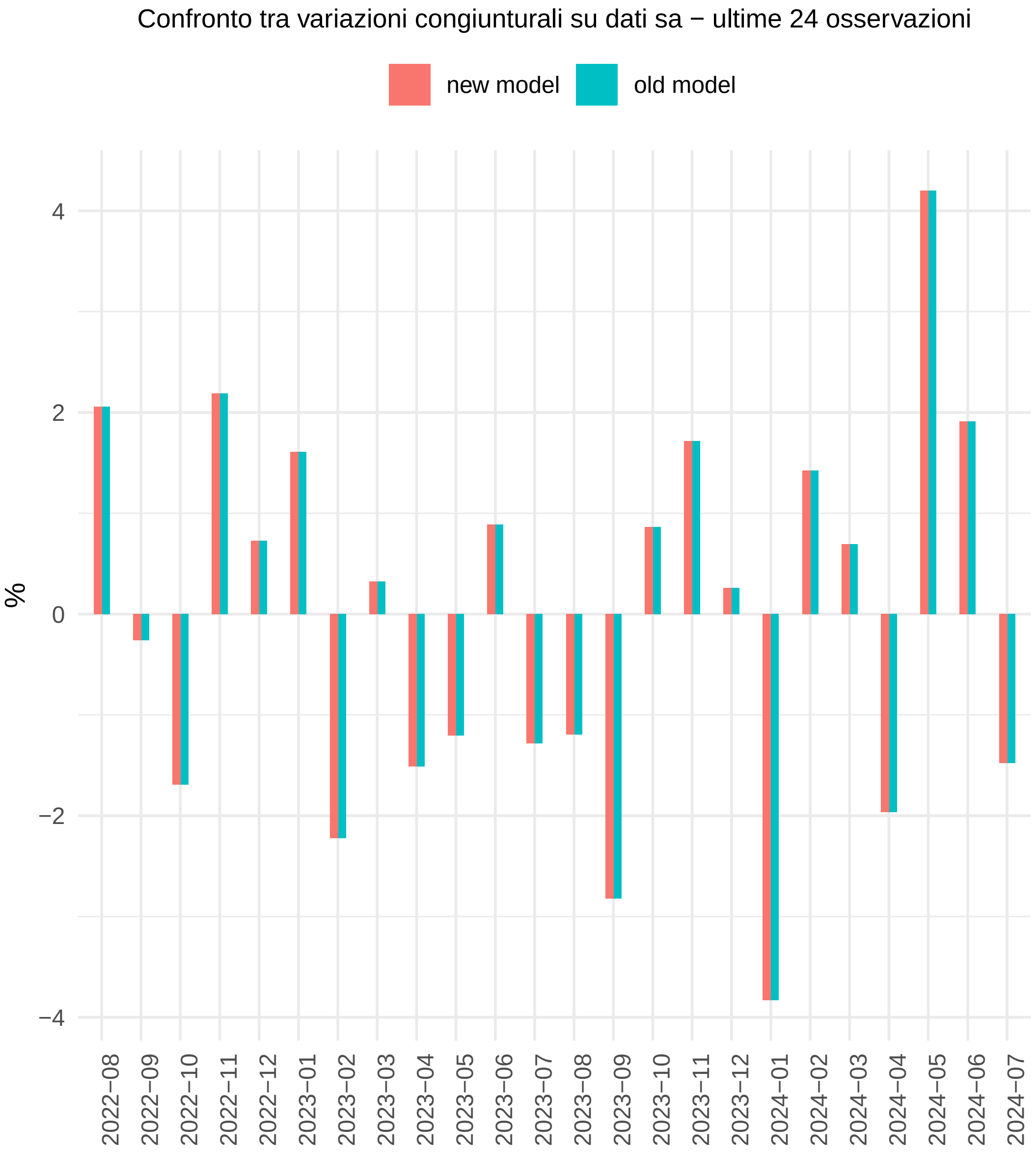
DIVIZ27



SI ratio

periodogram

DIVIZ27


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
4
2
0
−2
−4
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
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2023−10
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2024−02
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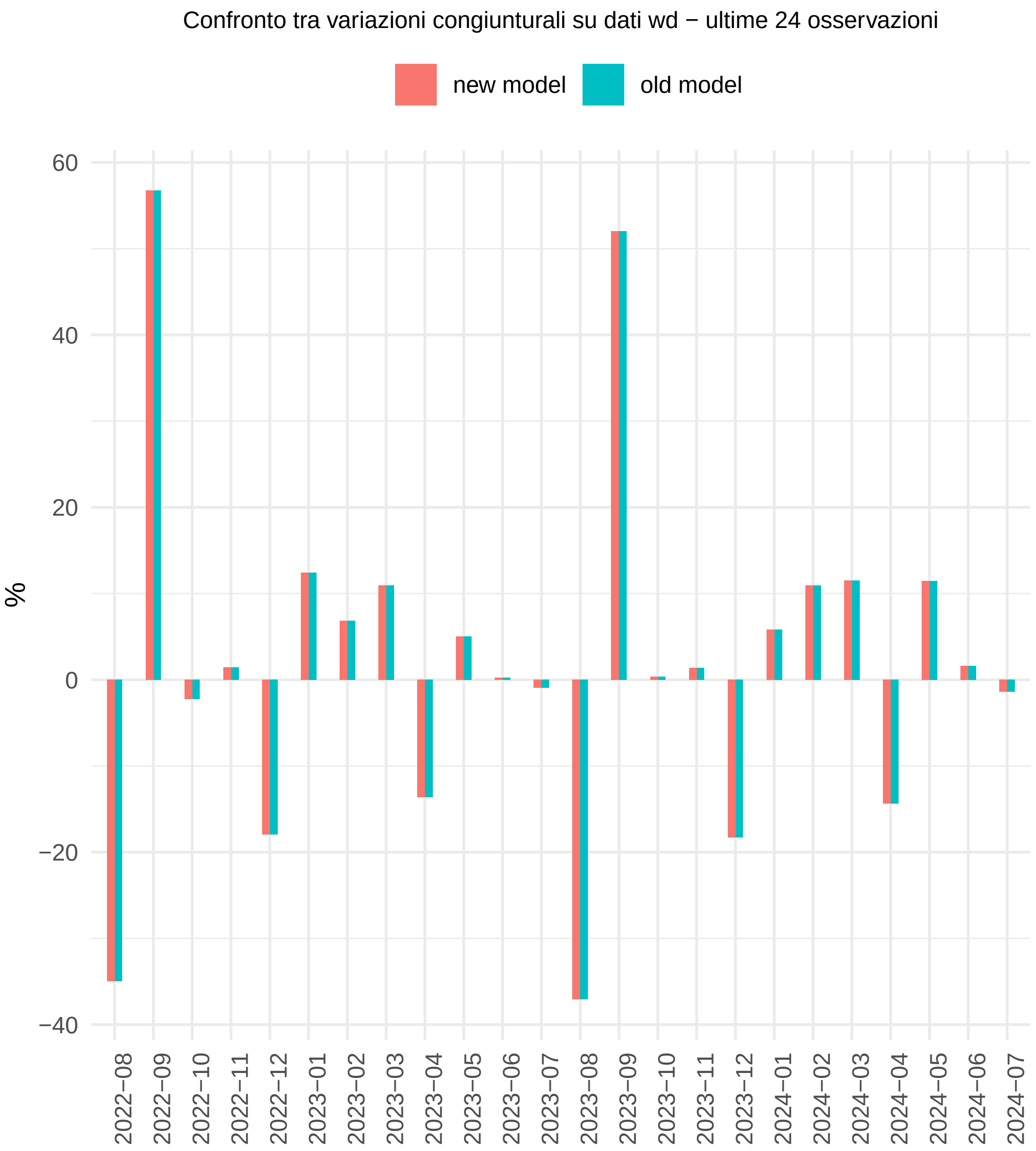
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
60
40
20
0
−20
−40
2022−08
2022−09
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2022−11
2022−12
2023−01
2023−02
2023−03
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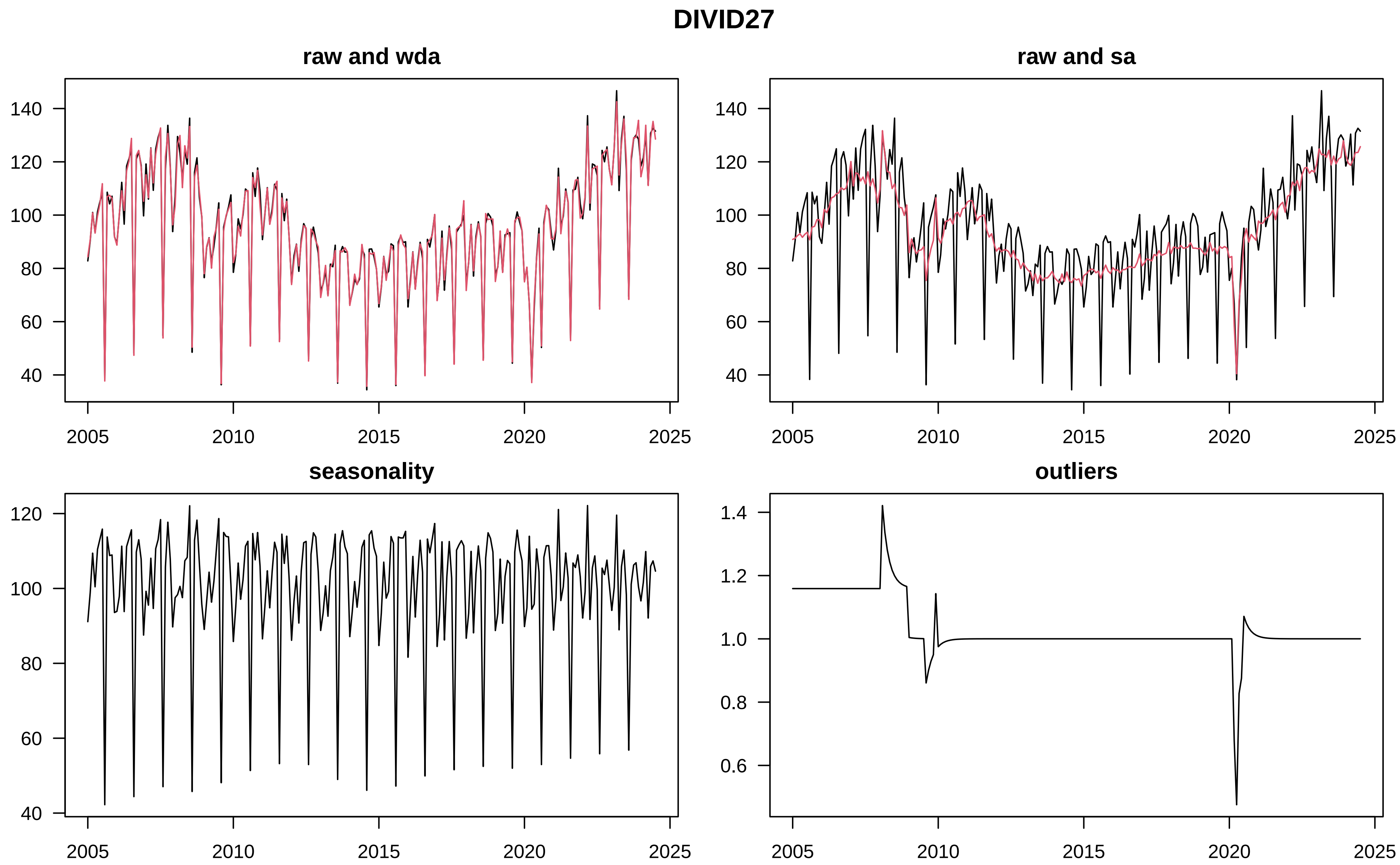
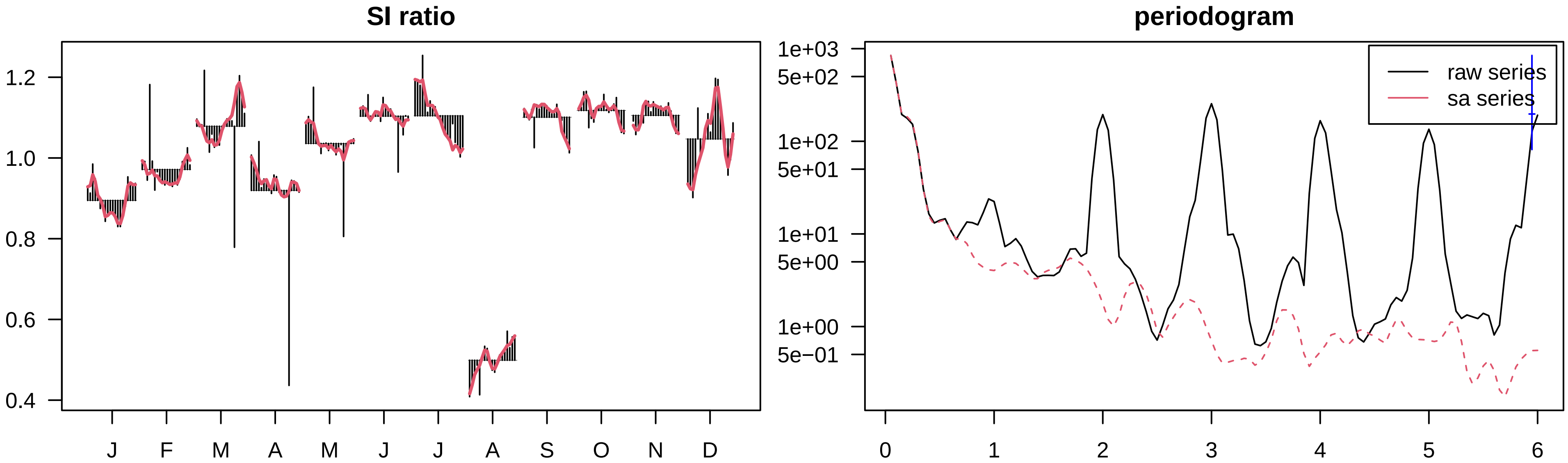
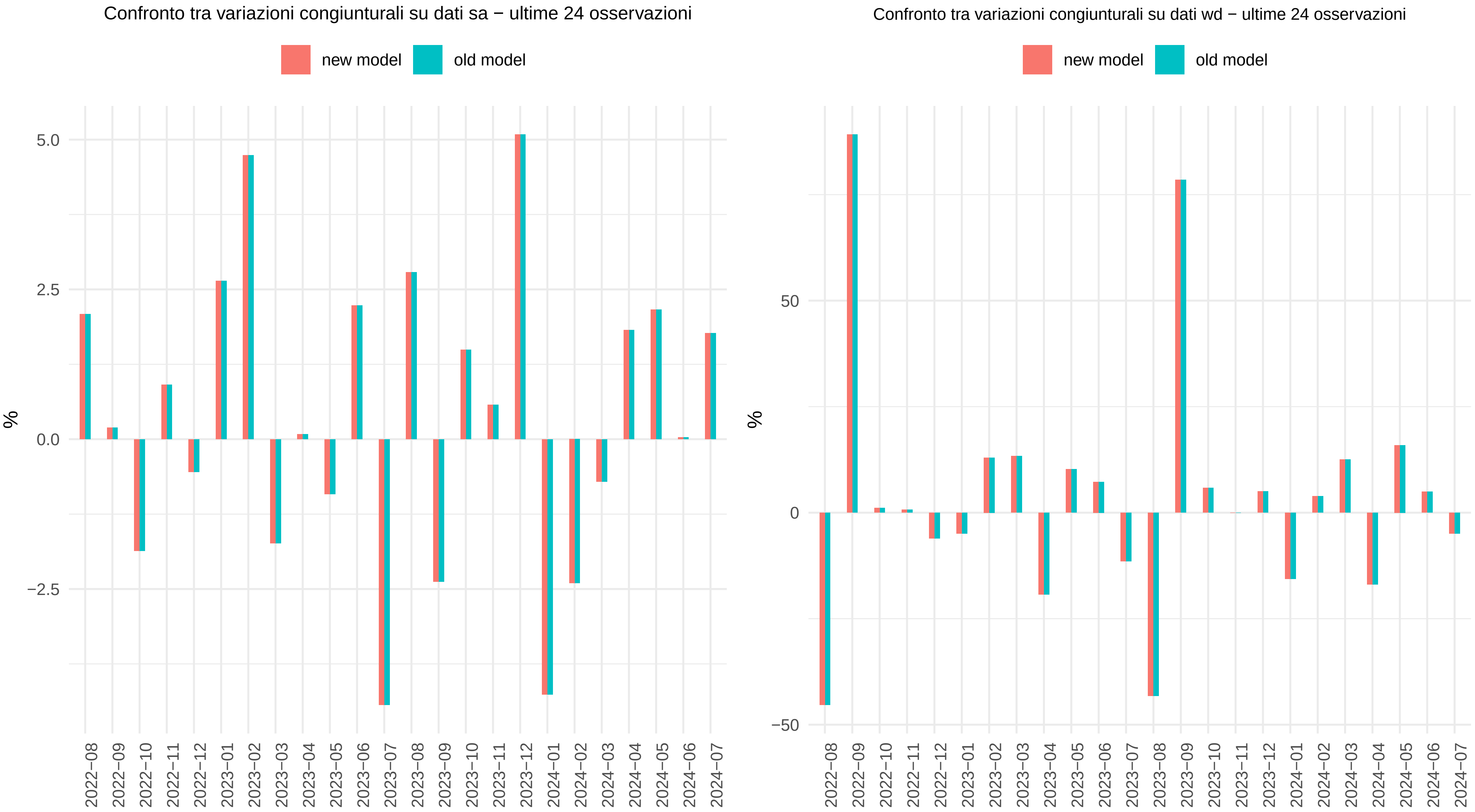
2024−06
2024−07


DIVID27
raw and wda
raw and sa
seasonality
outliers
140
120
100
80
60
40
1.4
1.2
1.0
0.8
0.6
2005
2010
2015
2020
2025

DIVID27

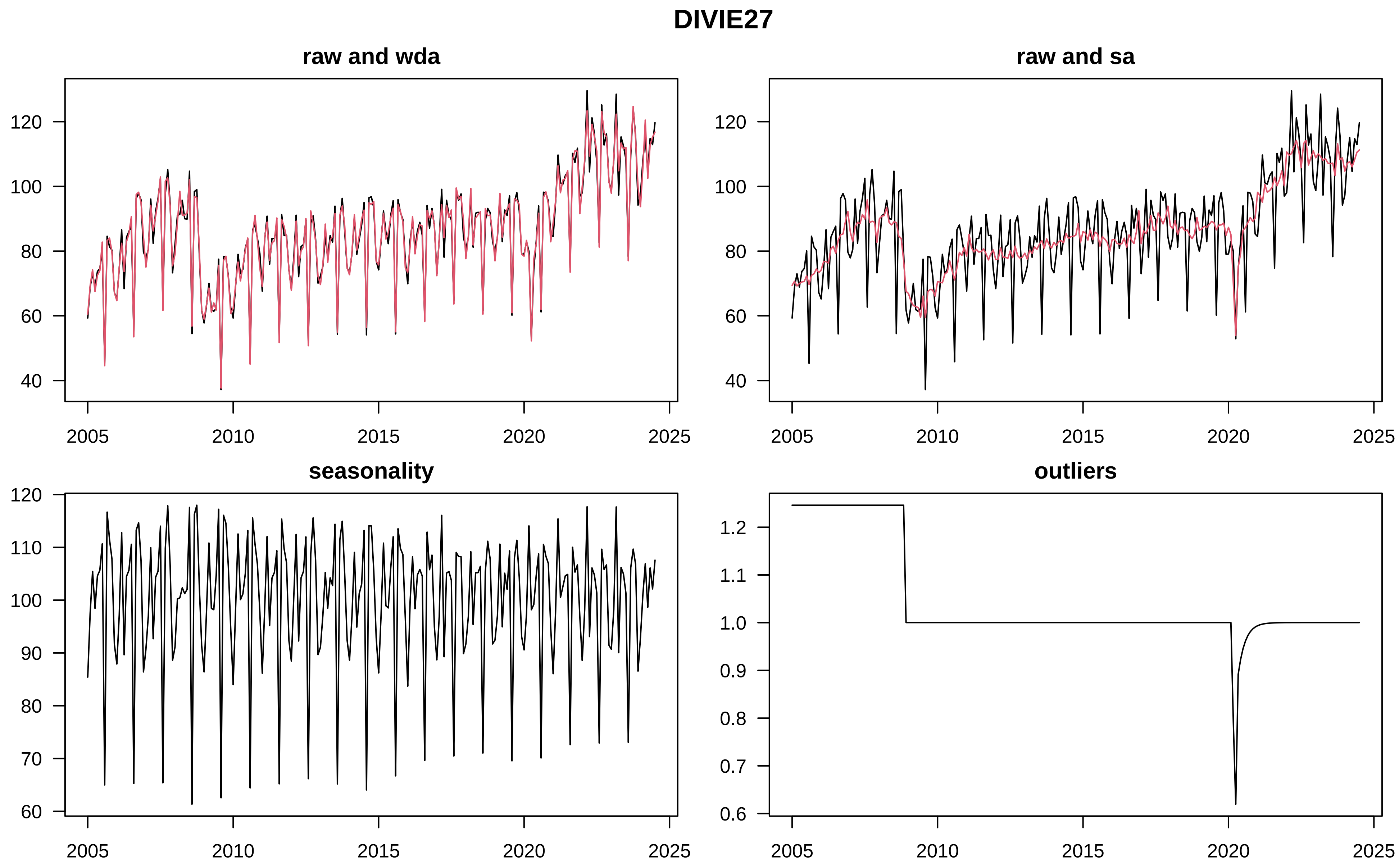

SI ratio
1.2
1.0
0.8
0.6
0.4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+03
5e+02
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
0
1
2
3
4
5
6
raw series
sa series

DIVID27

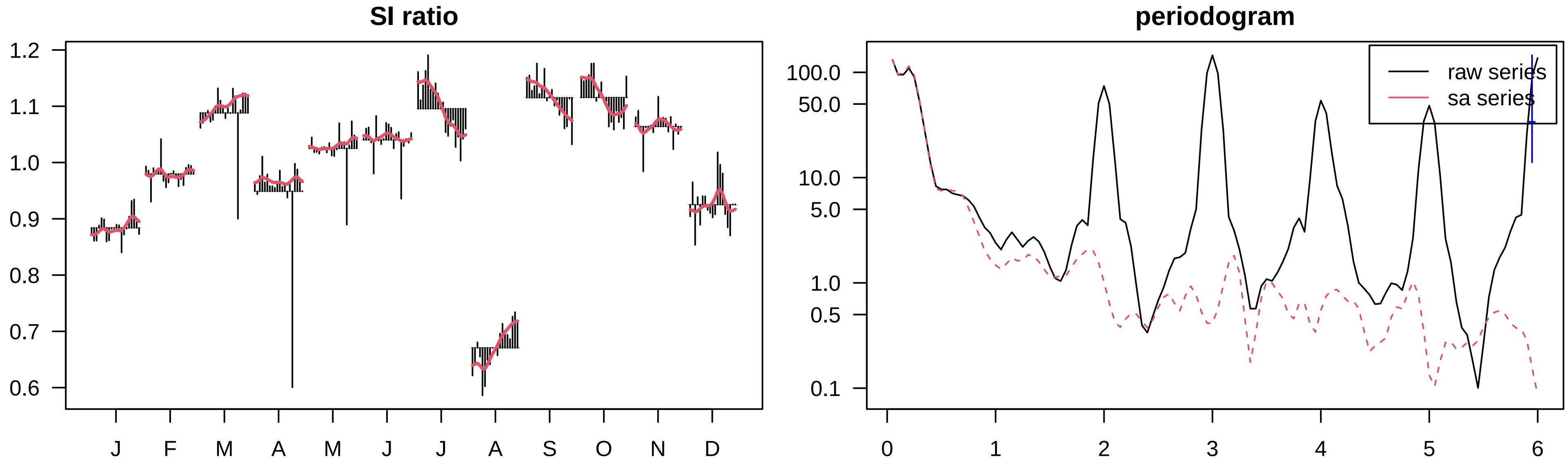


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

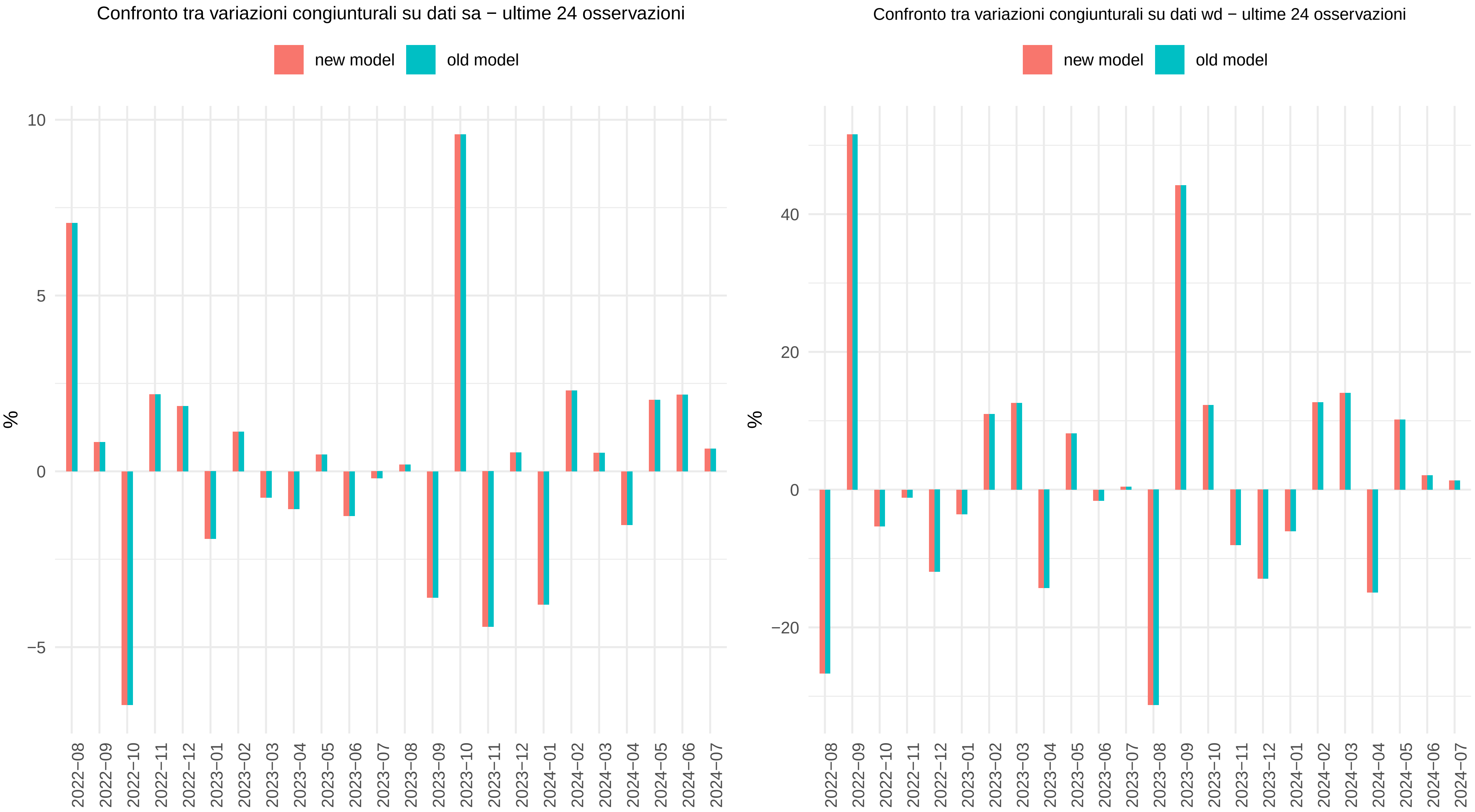
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni


DIVIE27
raw and wda
raw and sa
seasonality
outliers
120
100
80
60
40
2005
2010
2015
2020
2025
110
90
70
1.2
1.1
1.0
0.9
0.8
0.7
0.6

DIVIE27


SI ratio
1.2
1.1
1.0
0.9
0.8
0.7
0.6
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
100.0
50.0
10.0
5.0
1.0
0.5
0.1
0
1
2
3
4
5
6
raw series
sa series

DIVIE27


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
10
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0
−5
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
40
20
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−20
2022−08
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2022−12
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2023−03
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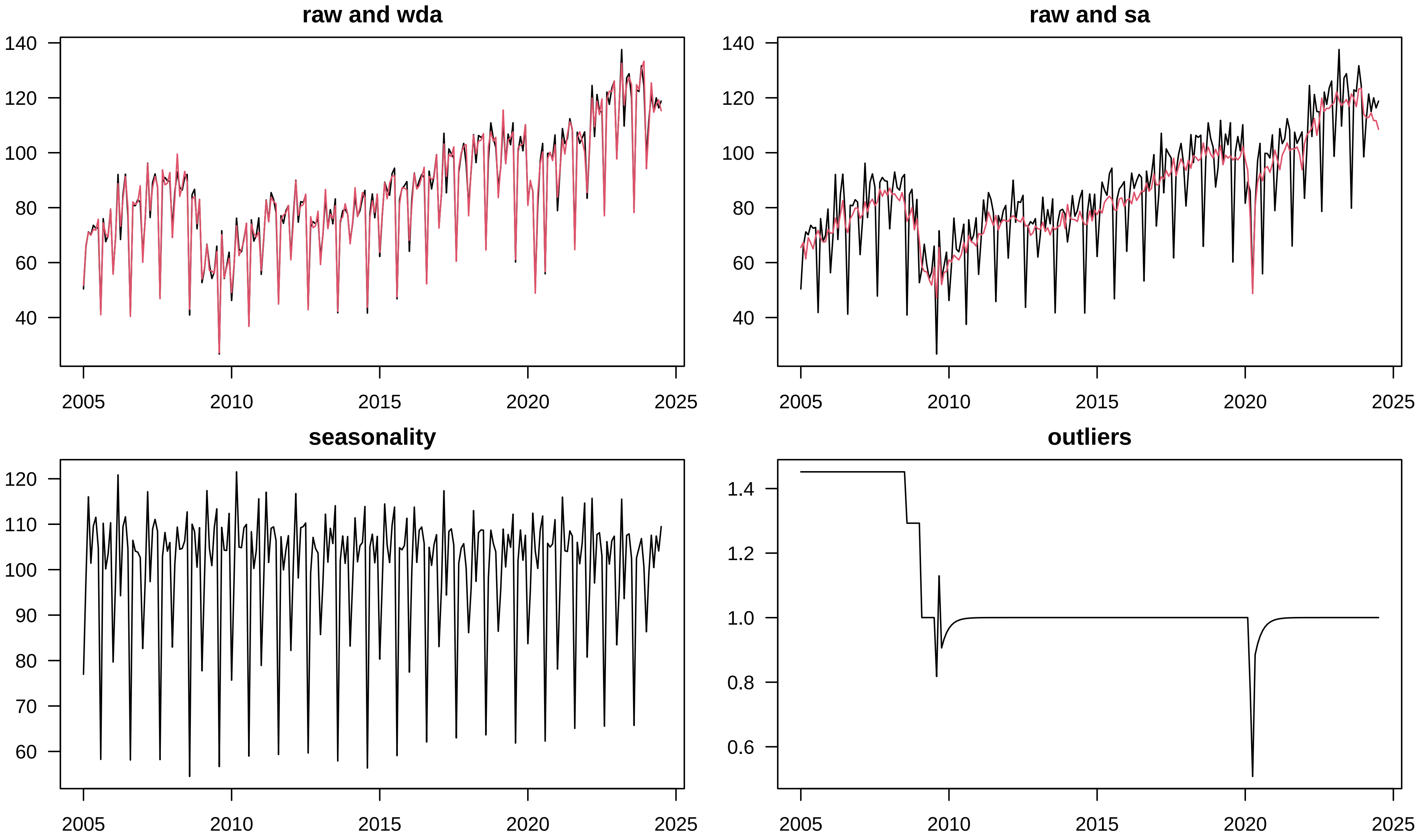
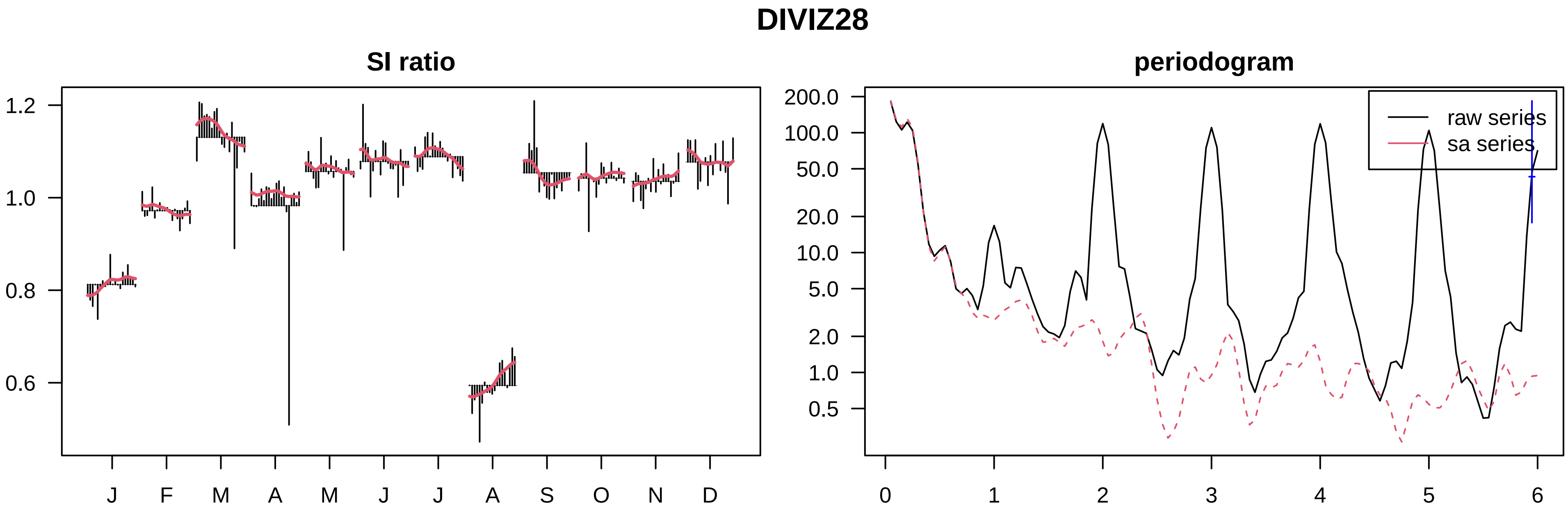
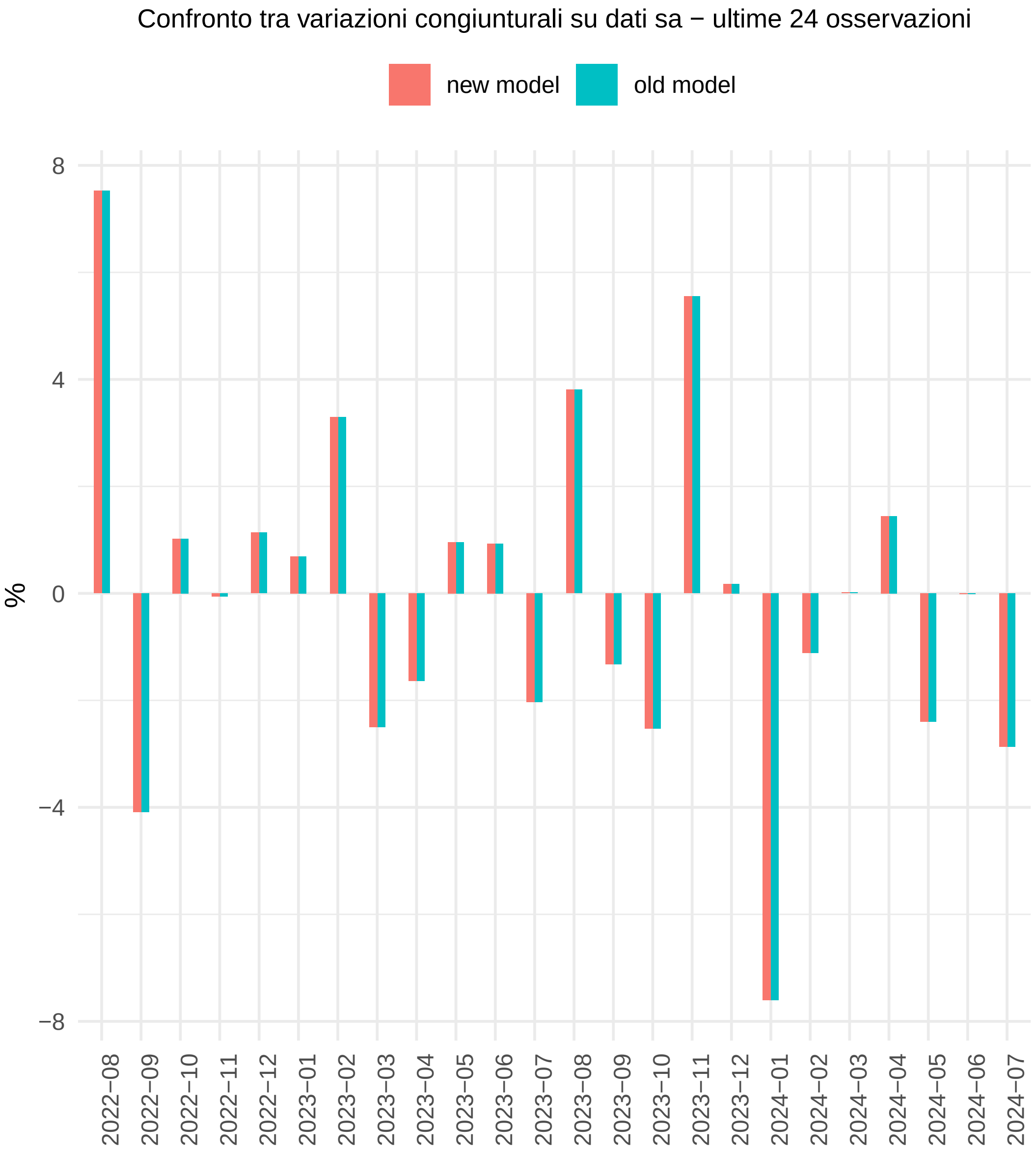
2024−07

DIVIZ28


raw and wda
raw and sa
seasonality
outliers
140
120
100
80
60
40
110
90
70
1.4
1.2
1.0
0.8
0.6
2005
2010
2015
2020
2025


DIVIZ28
SI ratio
1.2
1.0
0.8
0.6
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0
1
2
3
4
5
6
raw series
sa series

DIVIZ28


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
8
4
0
−4
−8
2022−08
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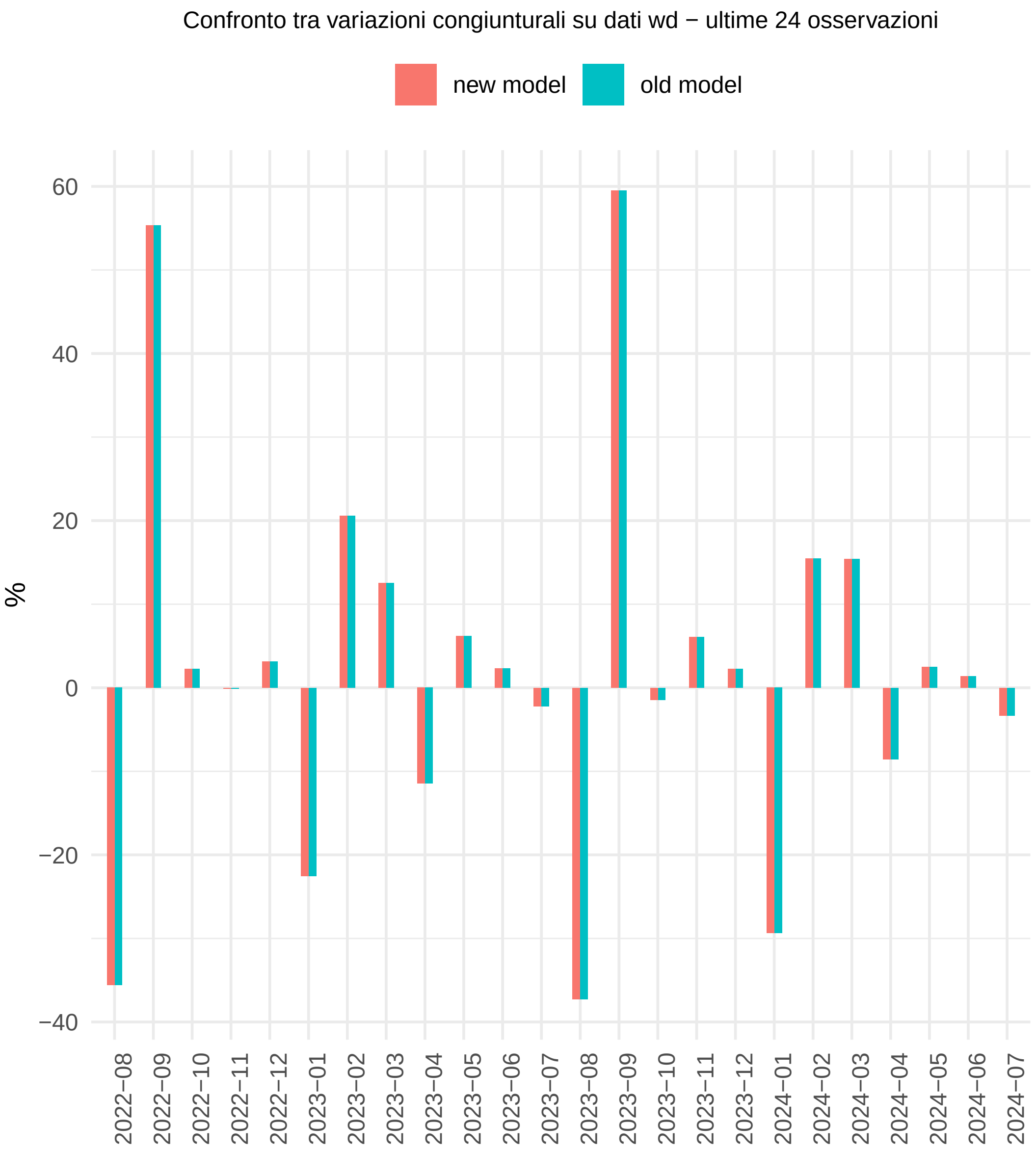
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
60
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2022−08
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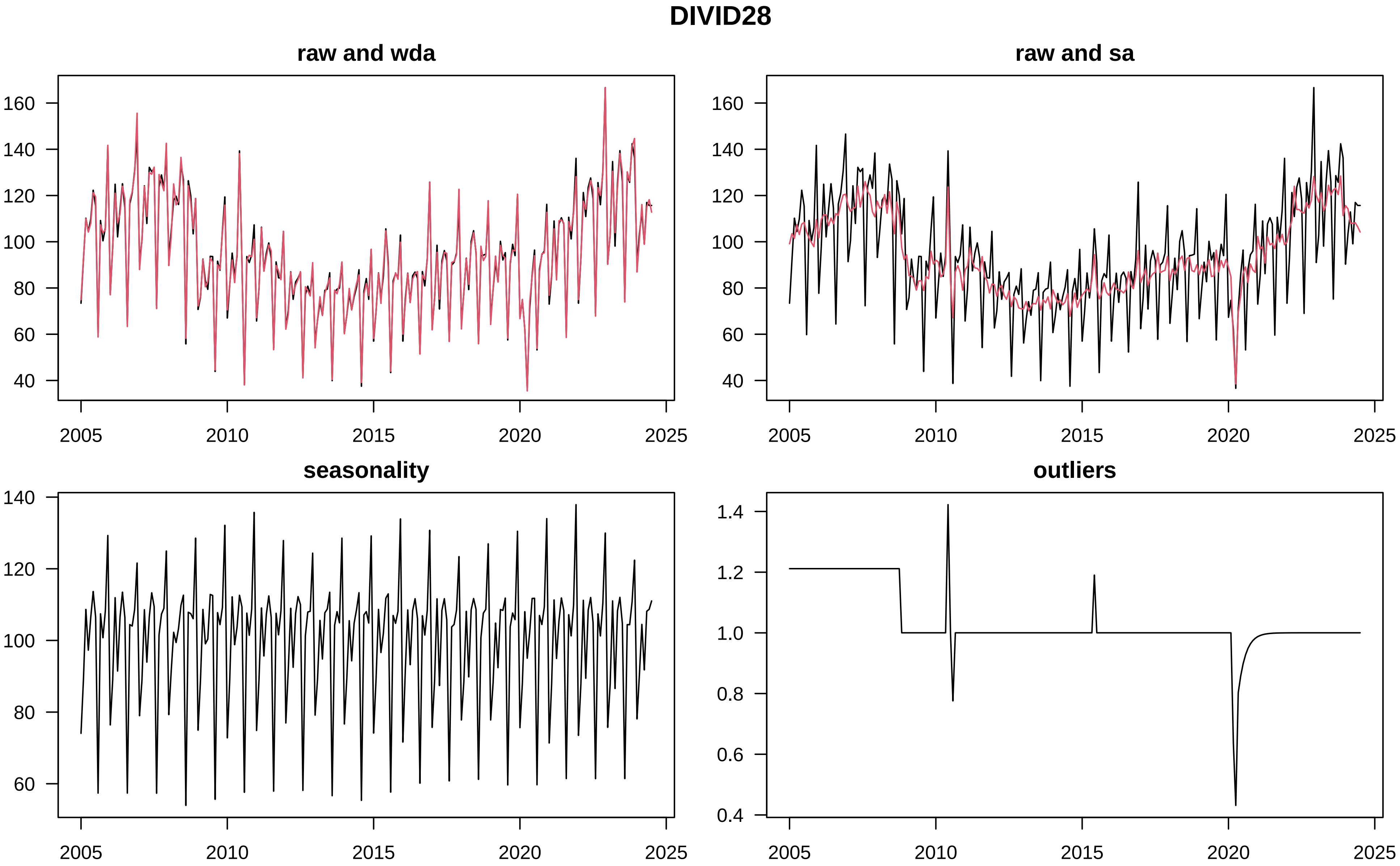
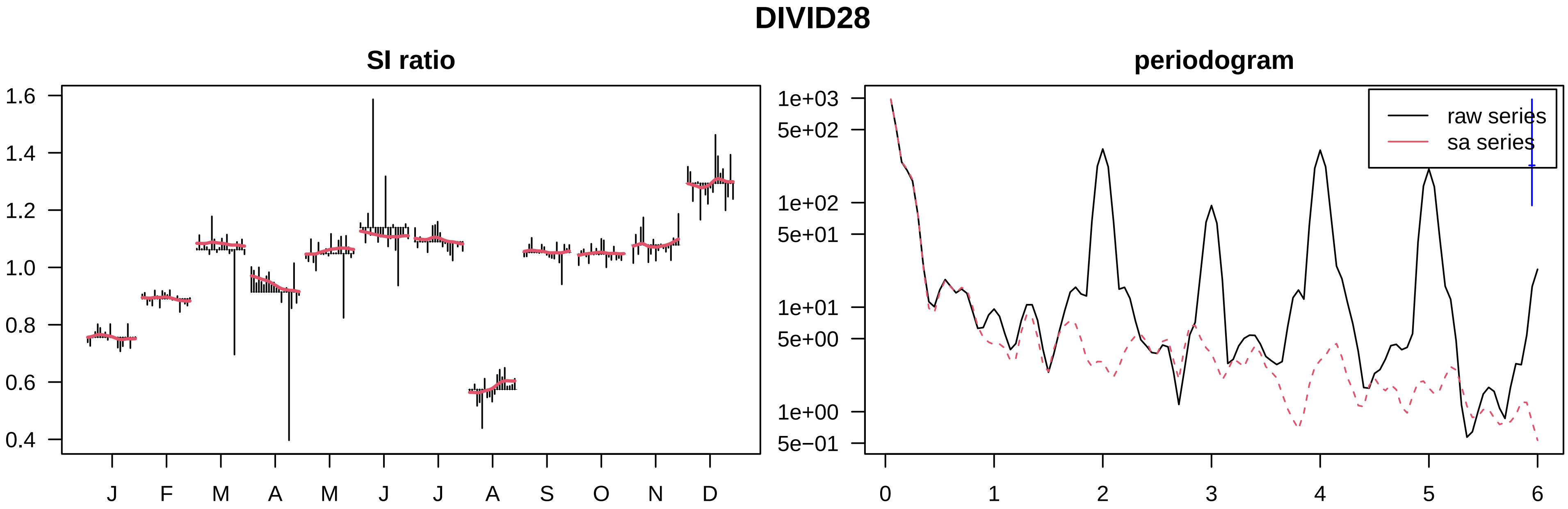
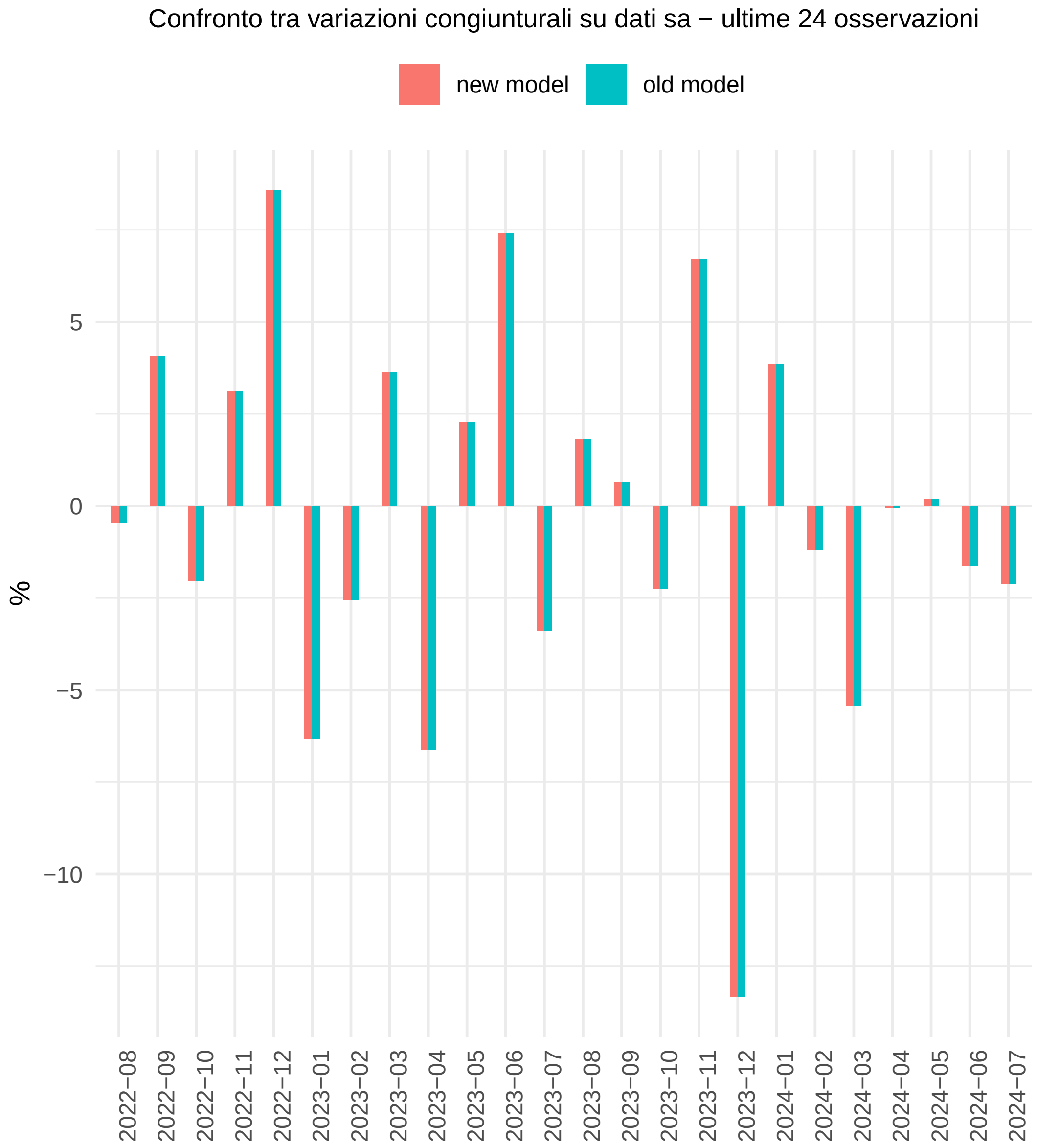

DIVID28
raw and wda
raw and sa
seasonality
outliers
160
140
120
100
80
60
40
1.4
1.2
1.0
0.8
0.6
0.4
2005
2010
2015
2020
2025


DIVID28
SI ratio
1.6
1.4
1.2
1.0
0.8
0.6
0.4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+03
5e+02
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
0
1
2
3
4
5
6
raw series
sa series

DIVID28


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
5
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2022−08
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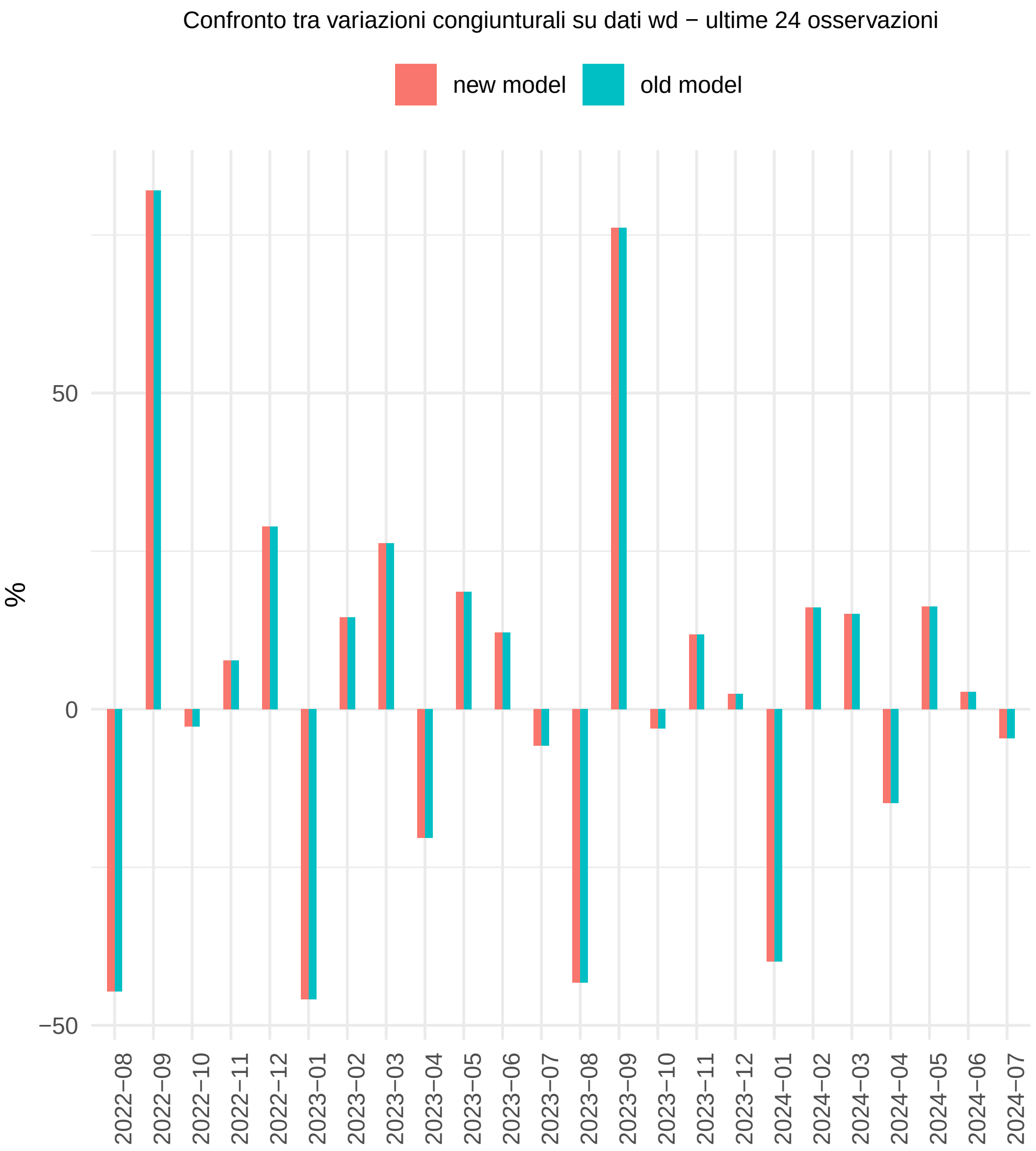
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
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−50
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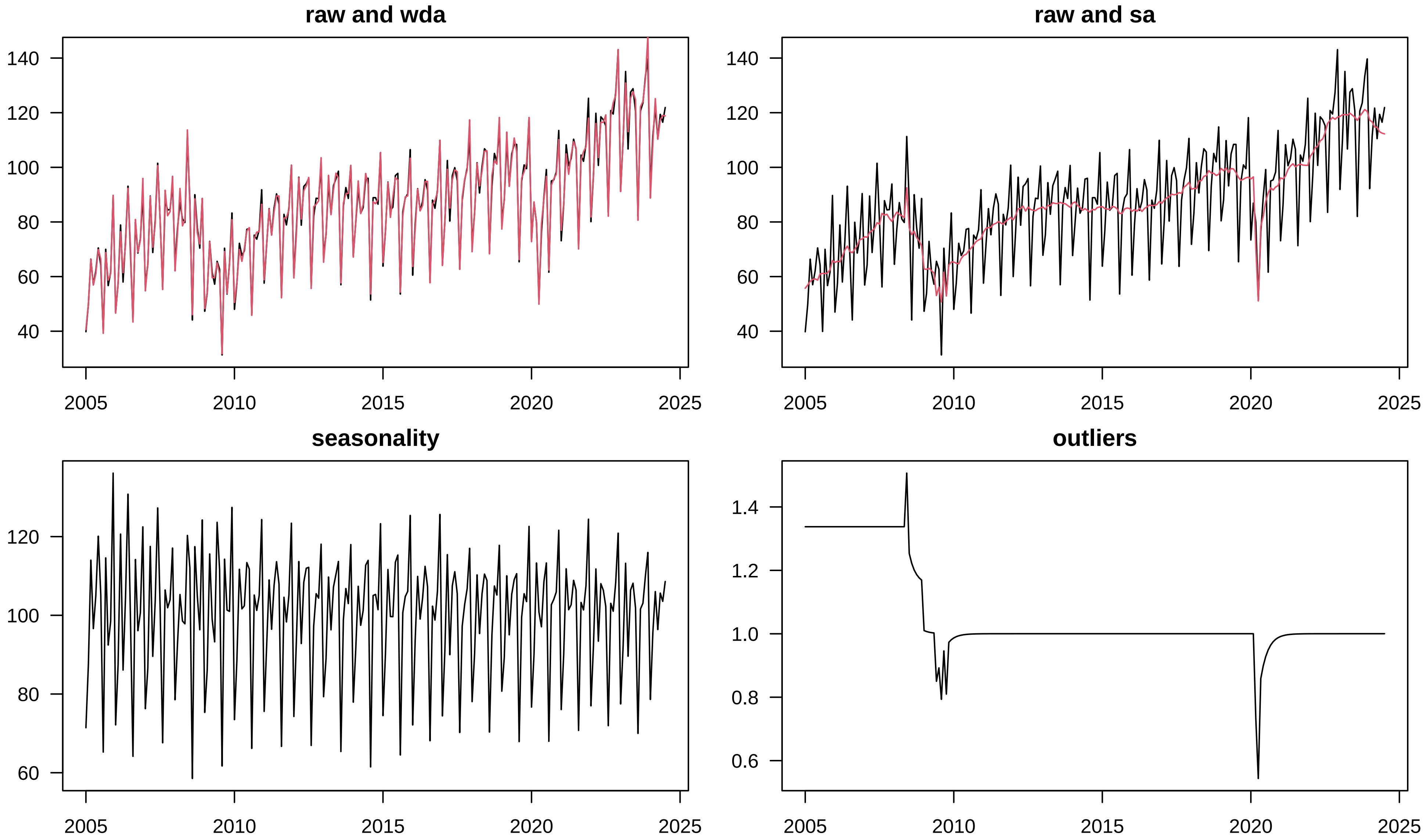
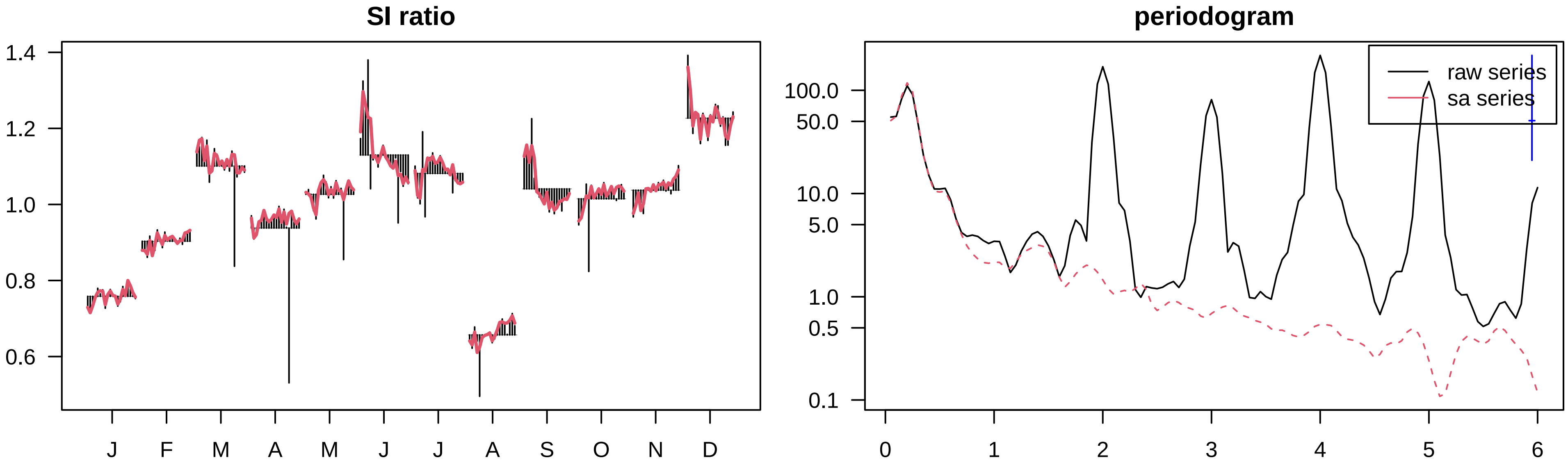
2024−06
2024−07

DIVIE28


raw and wda
140
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
120
100
80
60
2005
2010
2015
2020
2025
outliers
1.4
1.2
1.0
0.8
0.6
2005
2010
2015
2020
2025

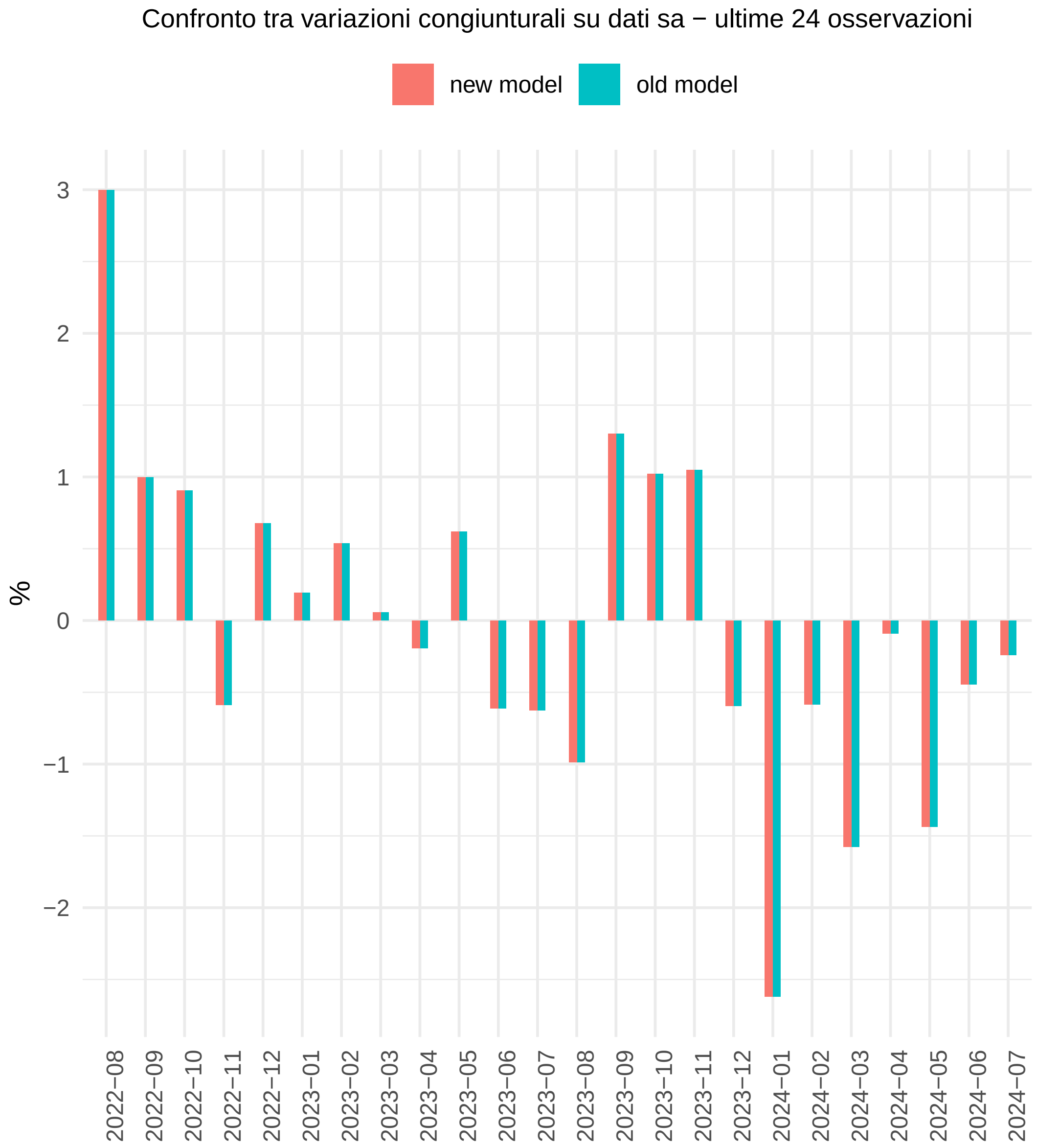
DIVIE28



SI ratio

periodogram

DIVIE28


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
3
2
1
0
−1
−2
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
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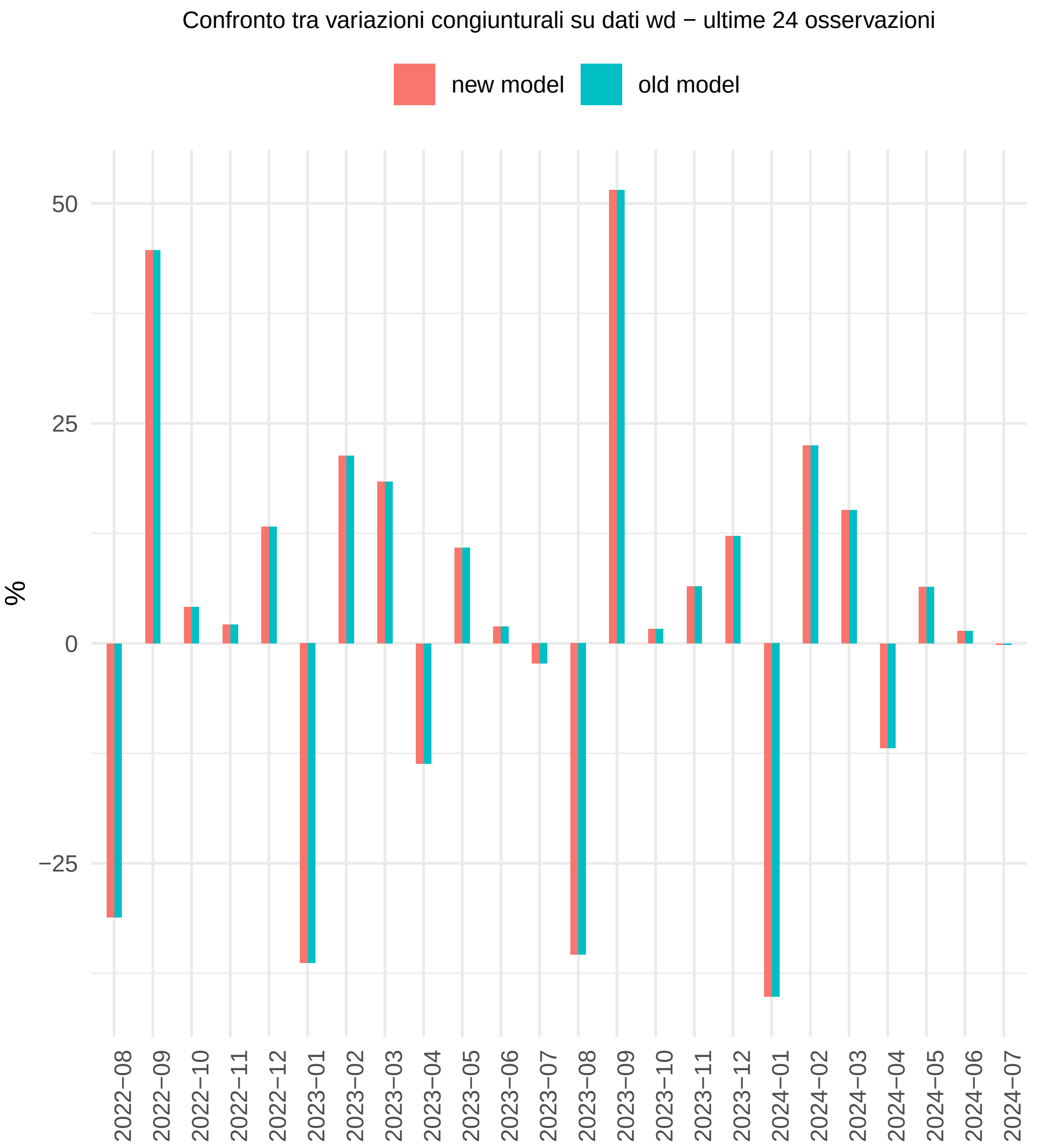
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
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25
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2022−08
2022−09
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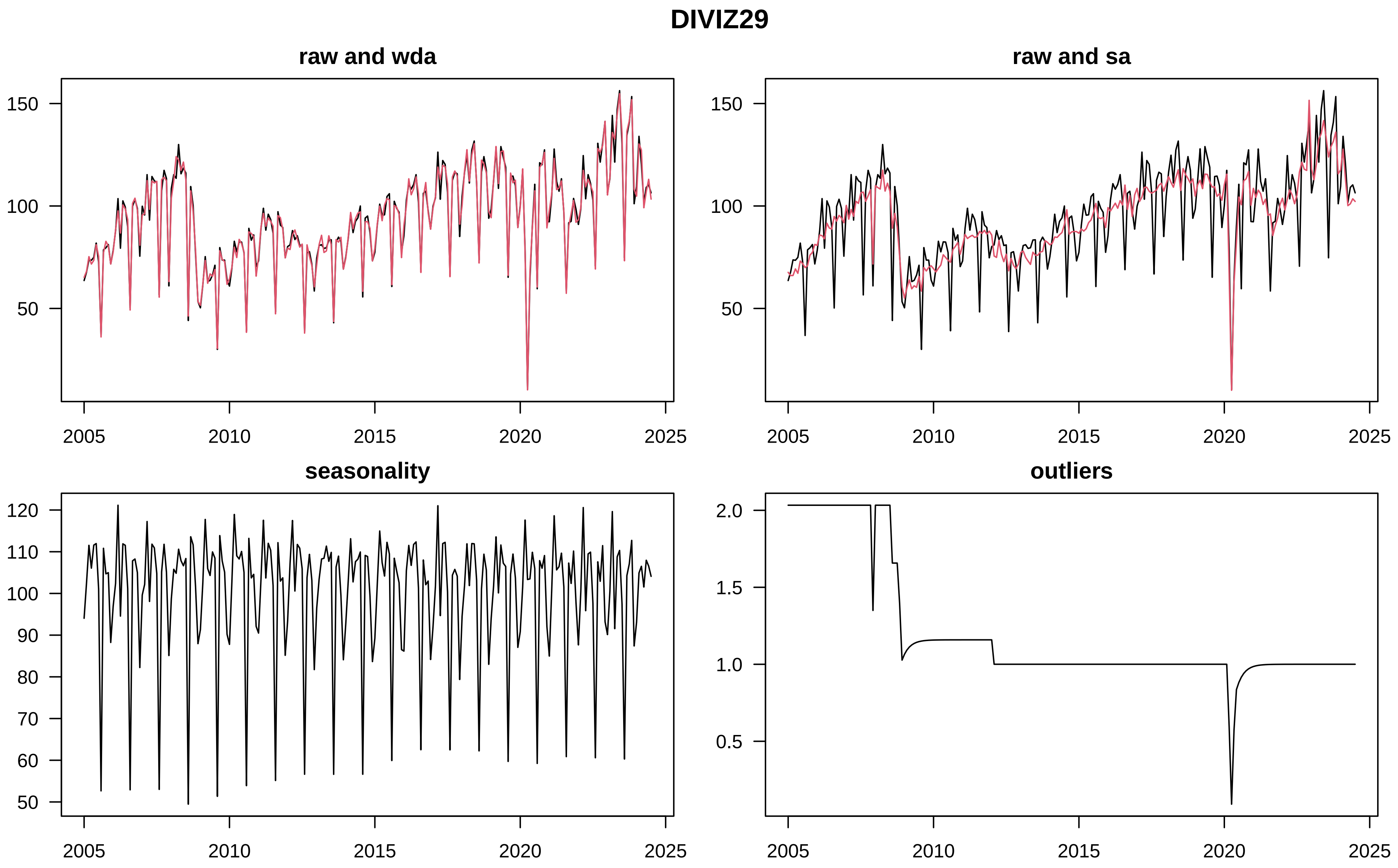
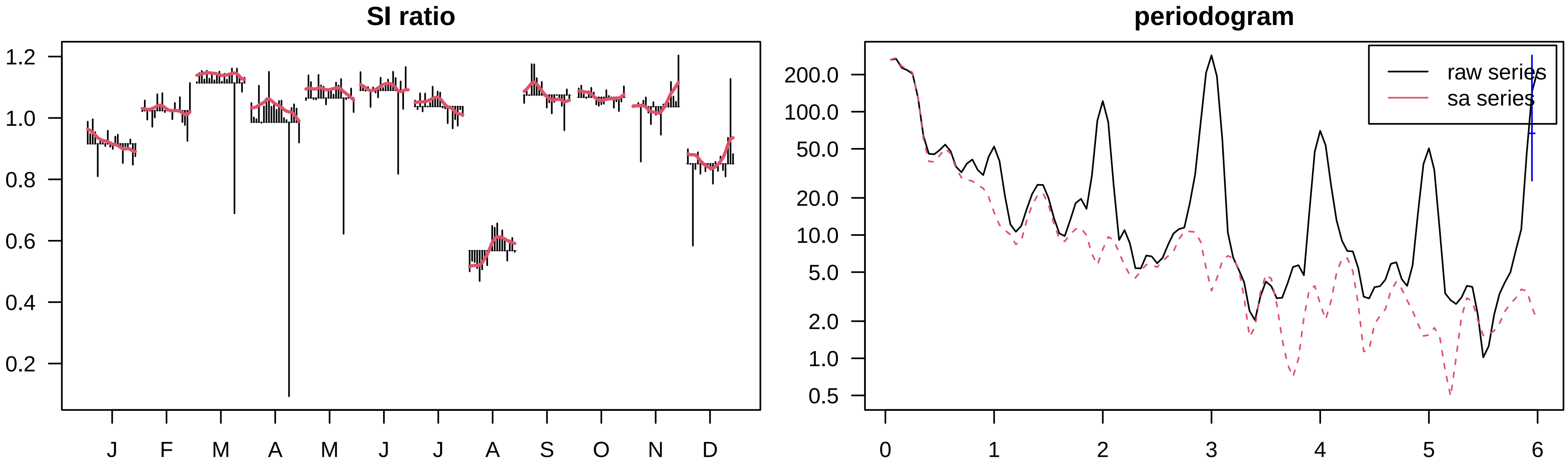
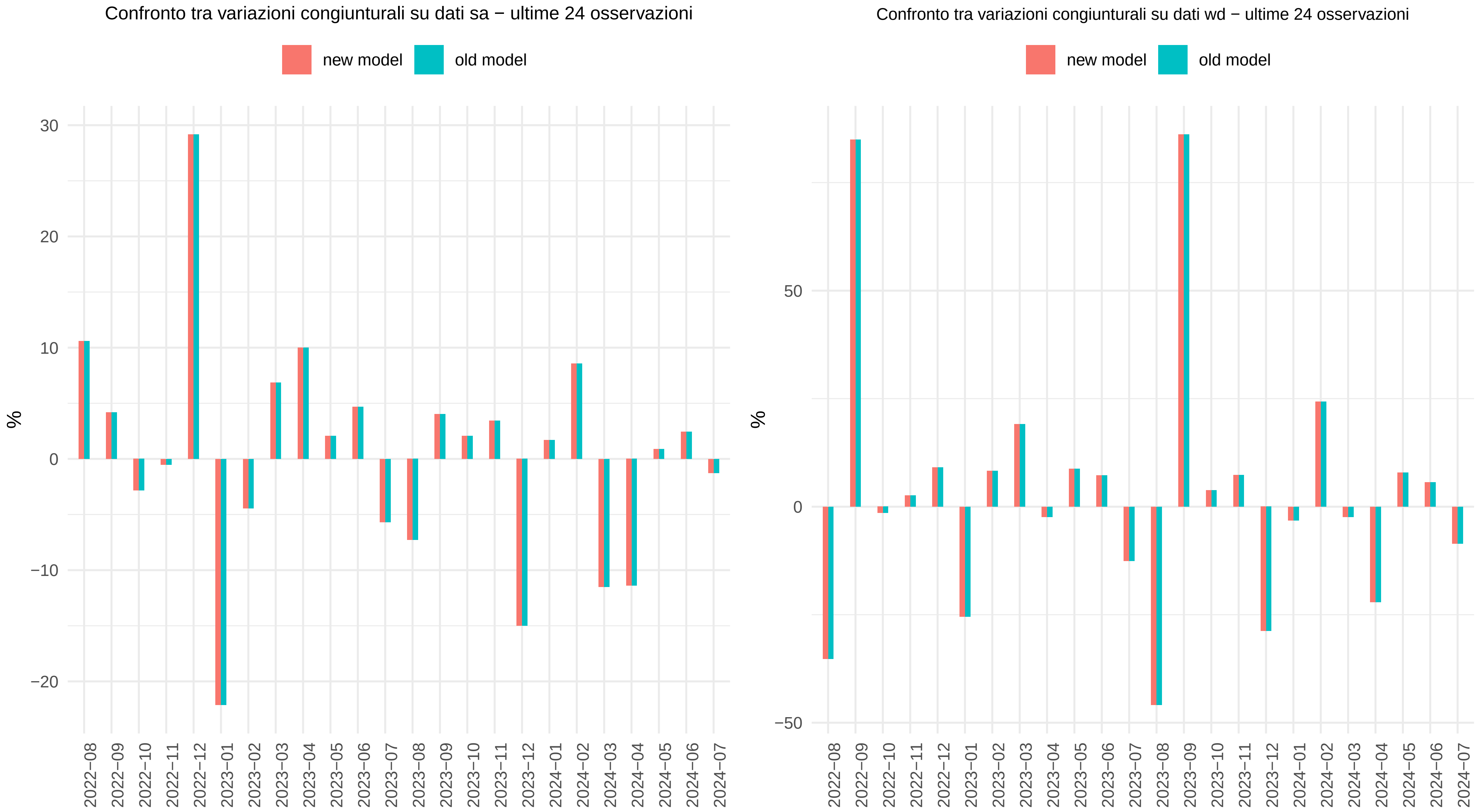
2024−07


DIVIZ29
raw and wda
150
100
50
2005
2010
2015
2020
2025
raw and sa
150
100
50
2005
2010
2015
2020
2025
seasonality
120
110
100
90
80
70
60
50
2005
2010
2015
2020
2025
outliers
2.0
1.5
1.0
0.5
2005
2010
2015
2020
2025

DIVIZ29


SI ratio
1.2
1.0
0.8
0.6
0.4
0.2
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0
1
2
3
4
5
6
raw series
sa series

DIVIZ29


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
30
20
10
0
−10
−20
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
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2024−04
2024−05
2024−06
2024−07
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
50
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2022−08
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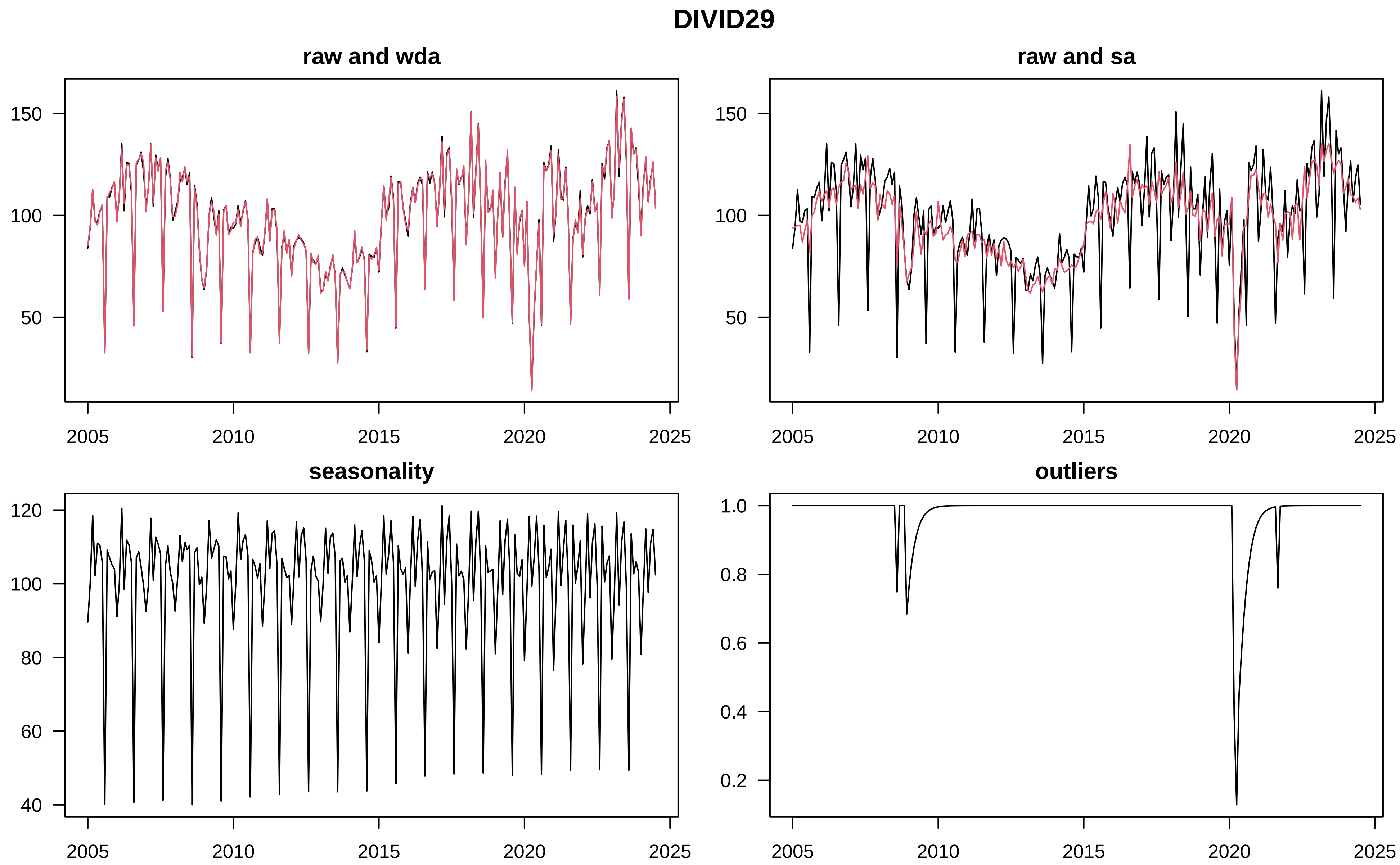
2024−07


DIVID29
raw and wda
150
100
50
2005
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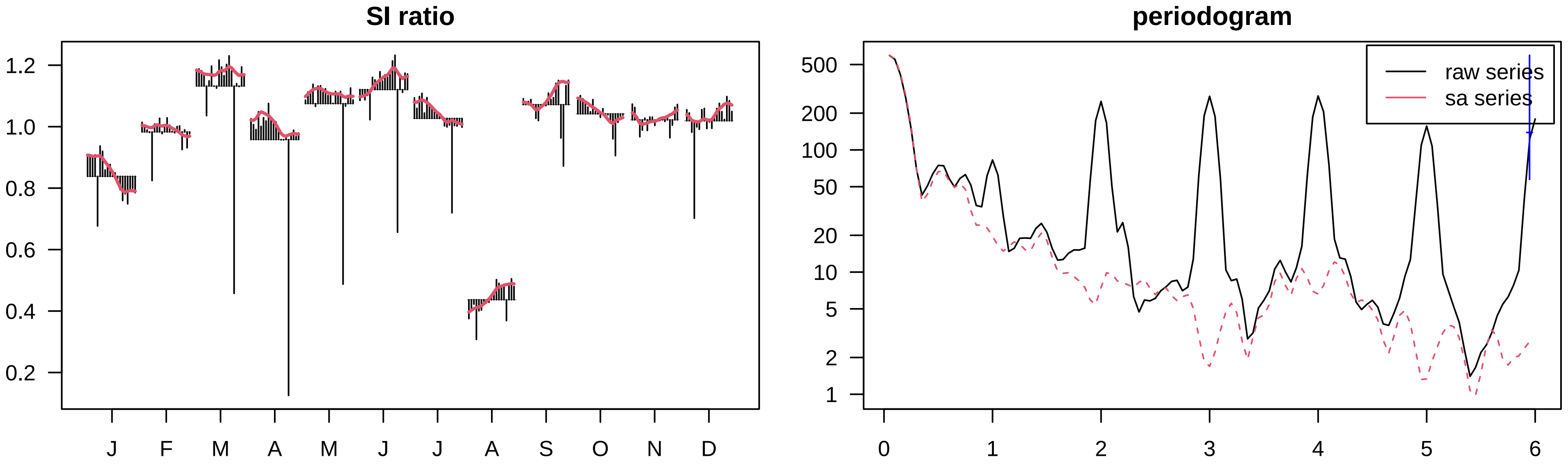
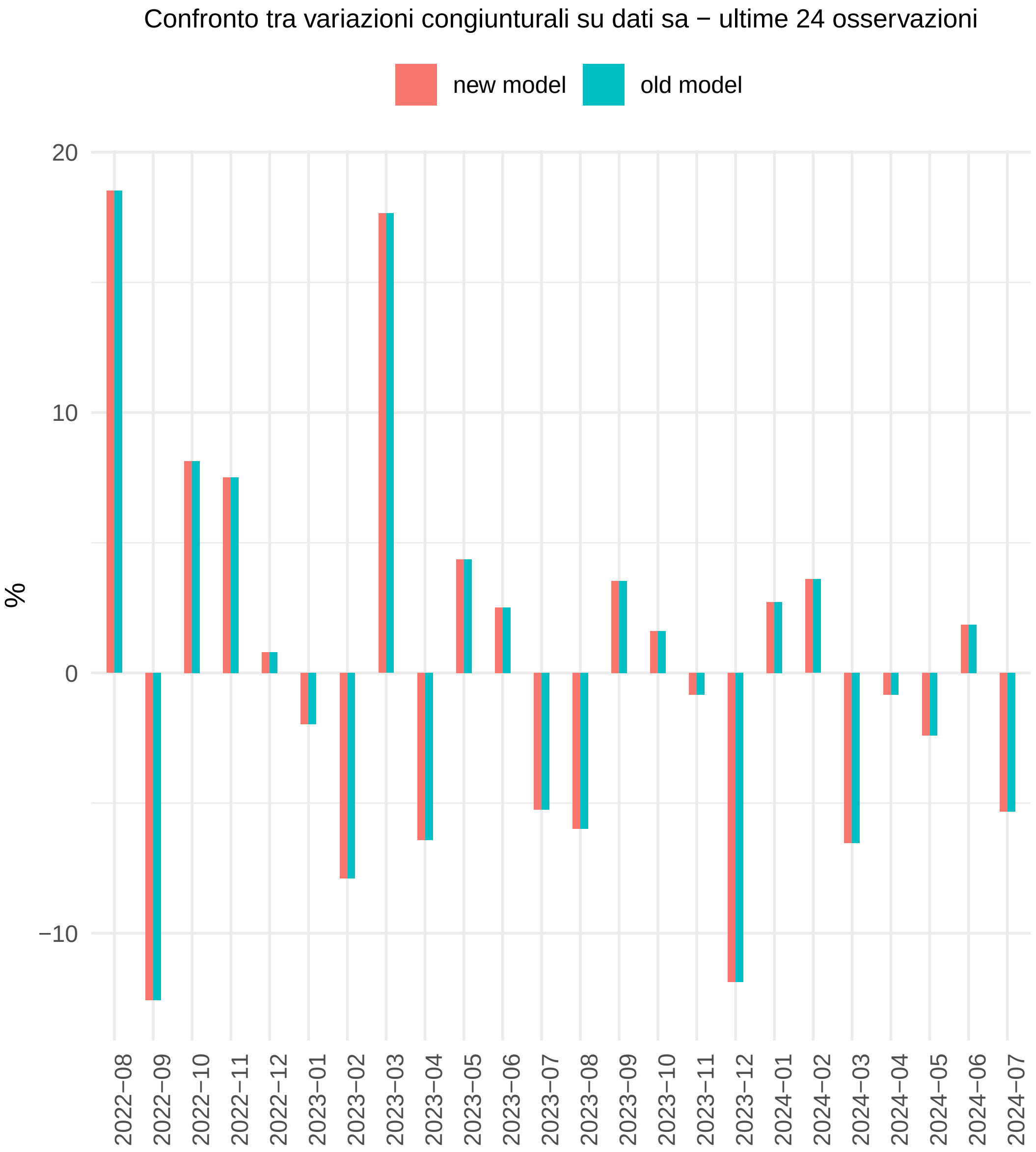
2015
2020
2025
raw and sa
150
100
50
2005
2010
2015
2020
2025
seasonality
120
100
80
60
40
2005
2010
2015
2020
2025
outliers
1.0
0.8
0.6
0.4
0.2
2005
2010
2015
2020
2025

DIVID29


SI ratio
1.2
1.0
0.8
0.6
0.4
0.2
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
500
200
100
50
20
10
5
2
1
0
1
2
3
4
5
6
raw series
sa series

DIVID29



Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
20
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2022−08
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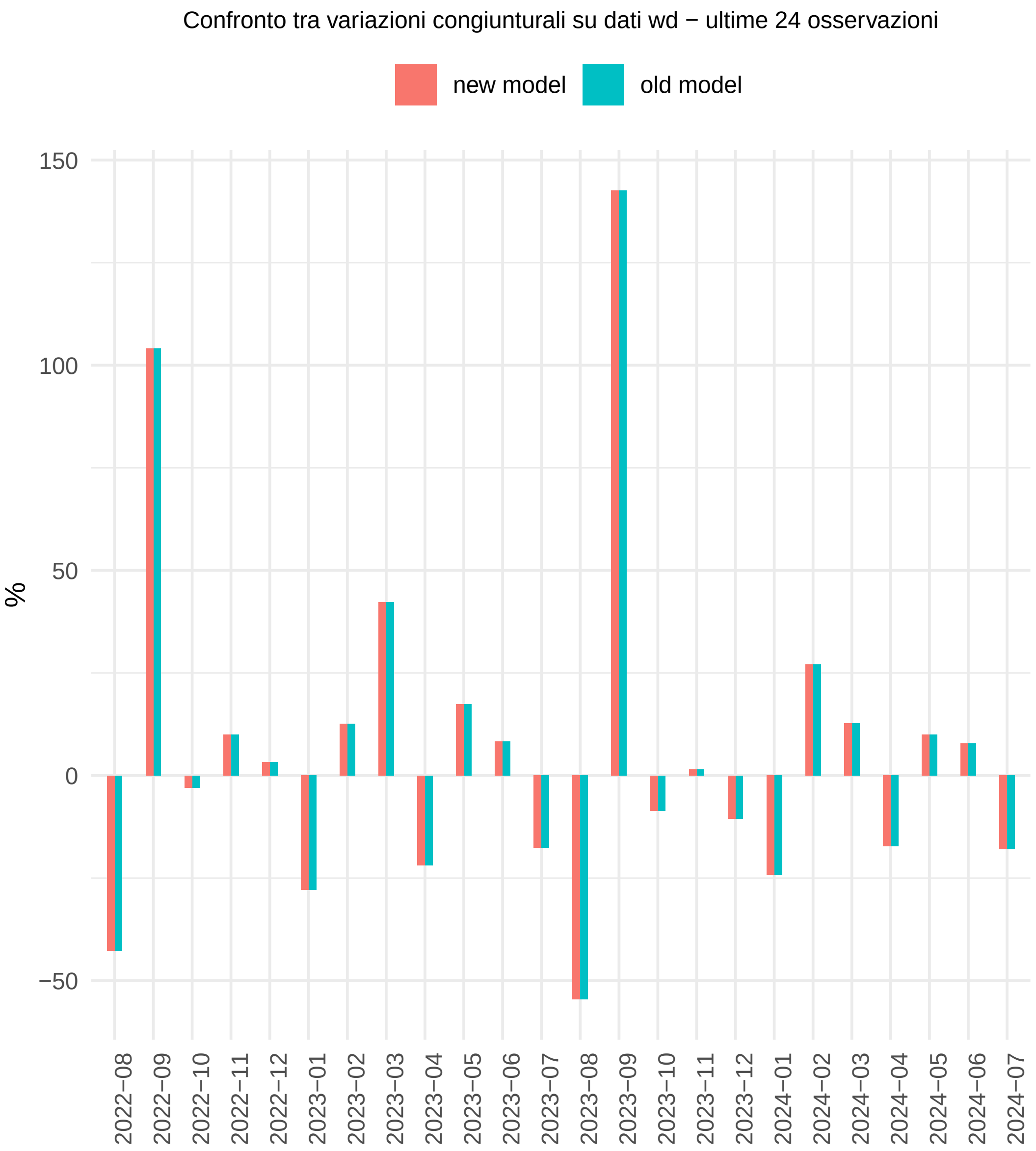
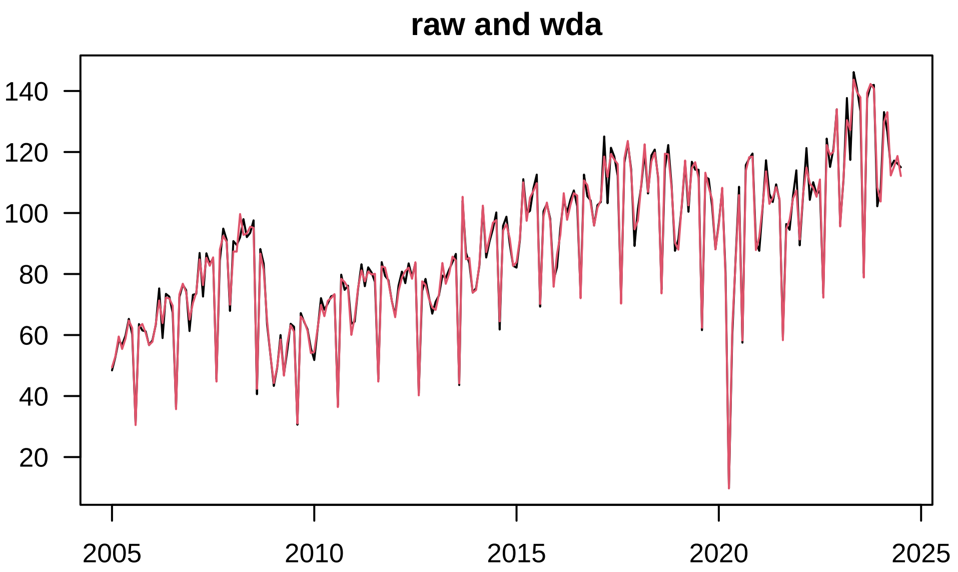
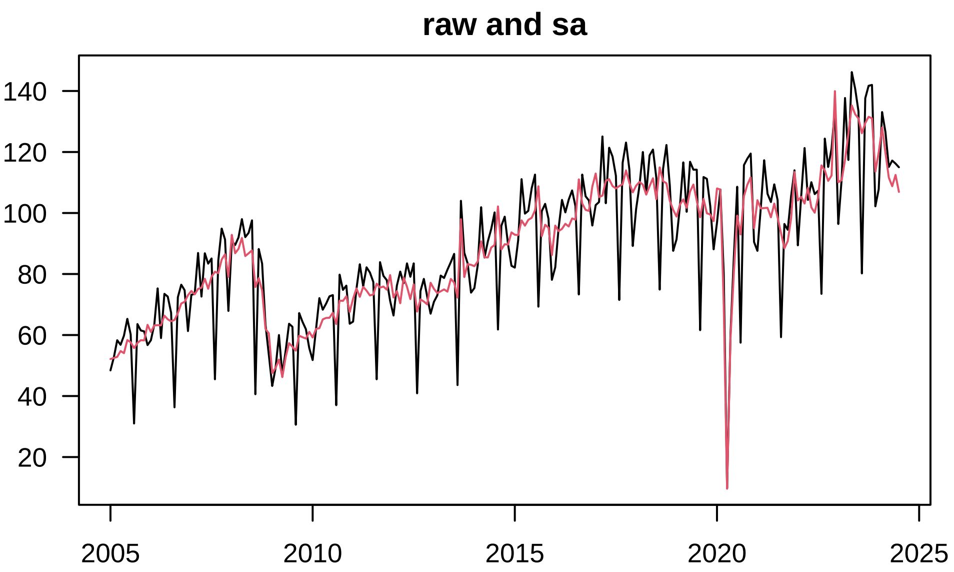
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

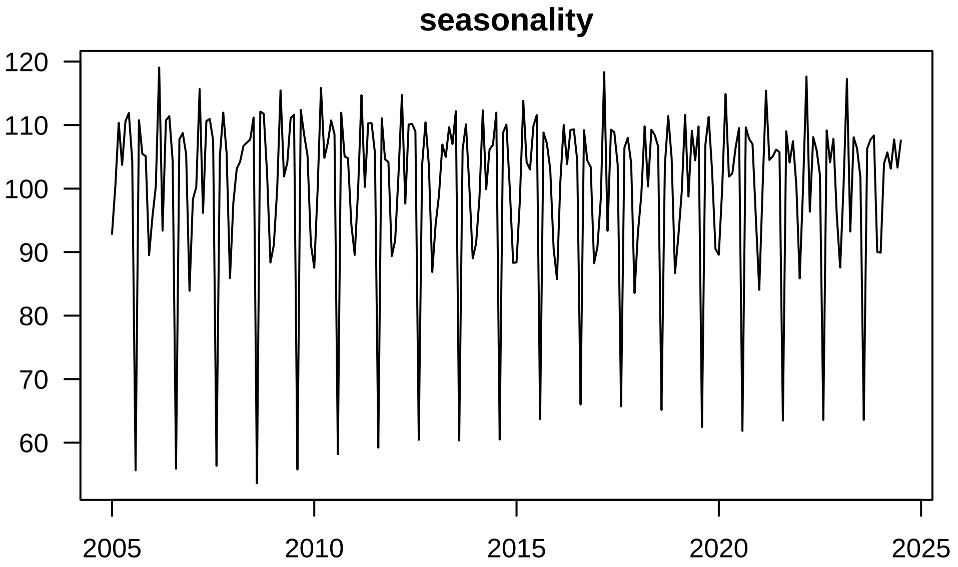


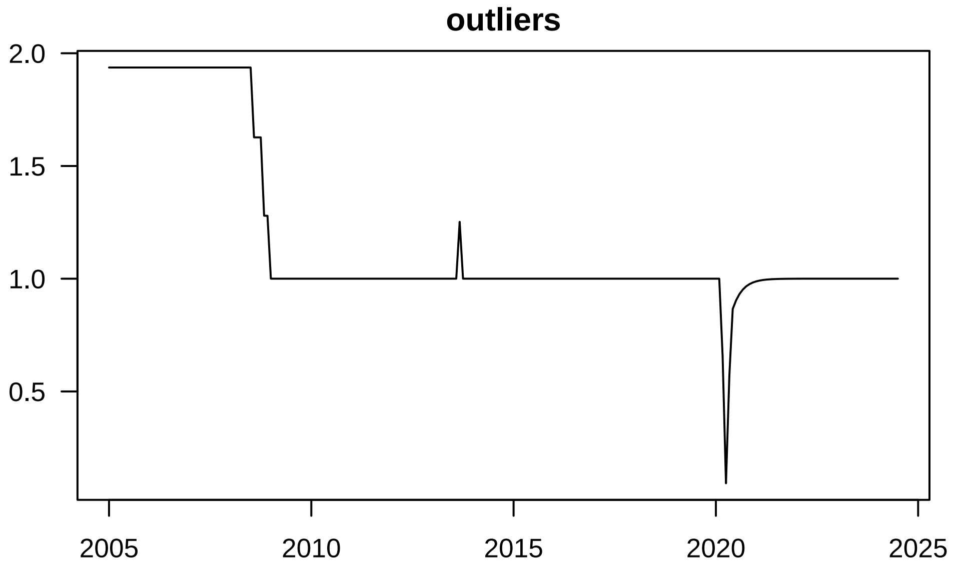
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
150
100
50
0
−50
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

DIVIE29

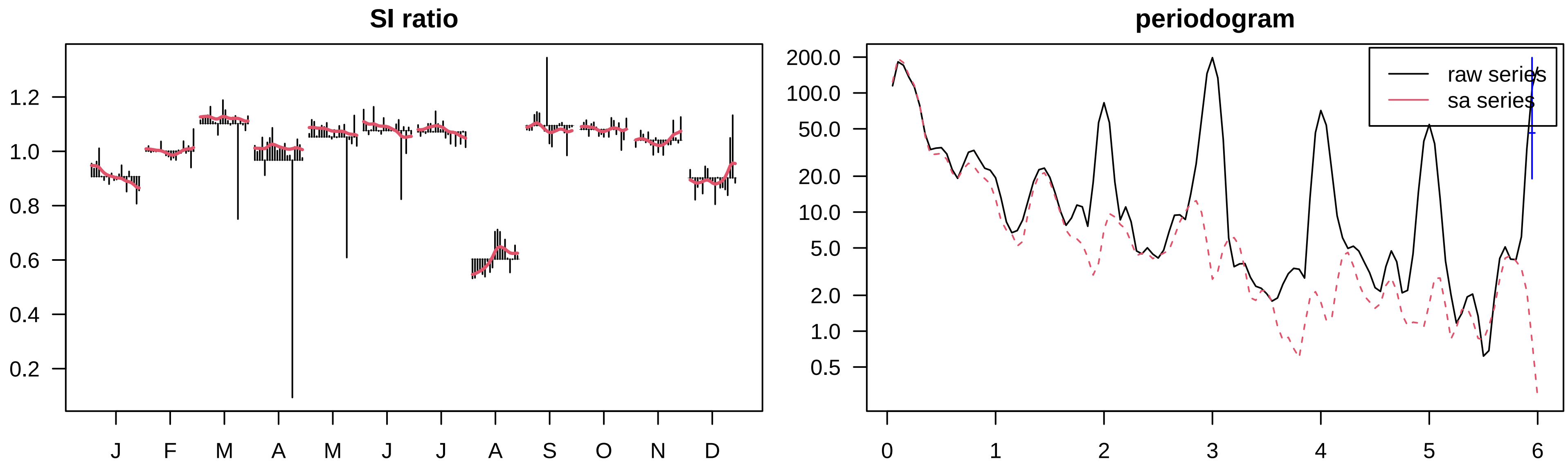

raw and wda
140
120
100
80
60
40
20
2005
2010
2015
2020
2025


raw and sa
140
120
100
80
60
40
20
2005
2010
2015
2020
2025

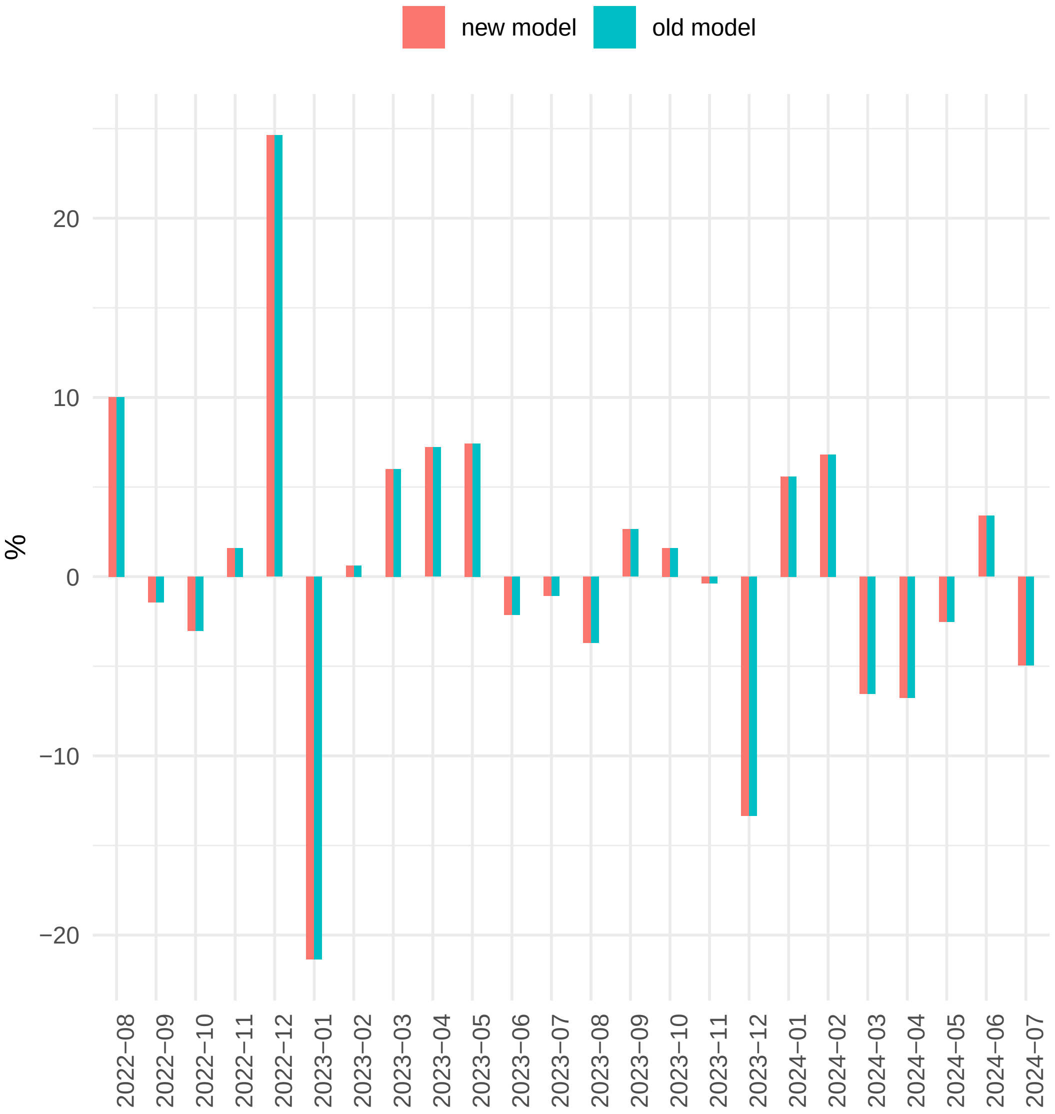

seasonality
120
110
100
90
80
70
60
2005
2010
2015
2020
2025

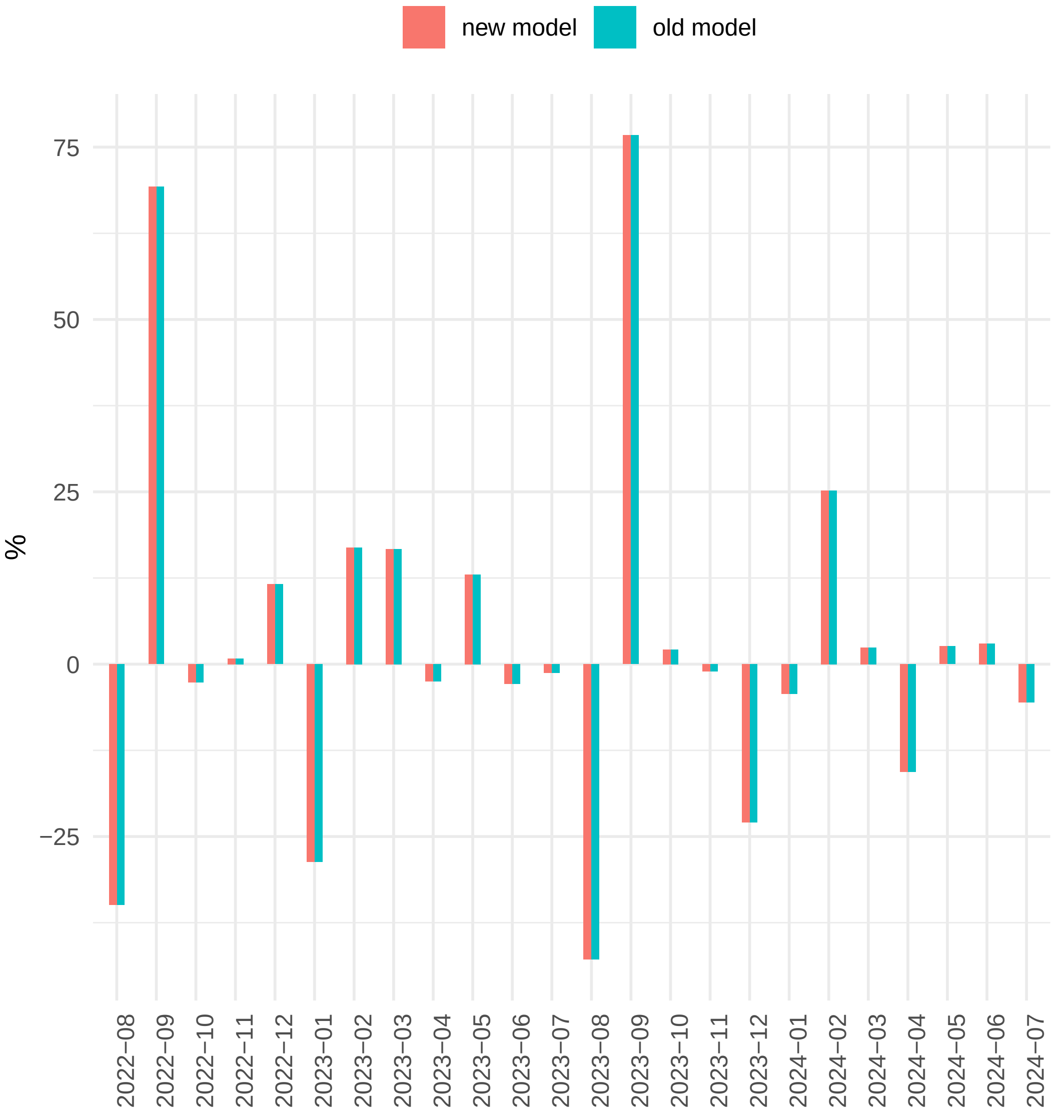

outliers
2.0
1.5
1.0
0.5
2005
2010
2015
2020
2025

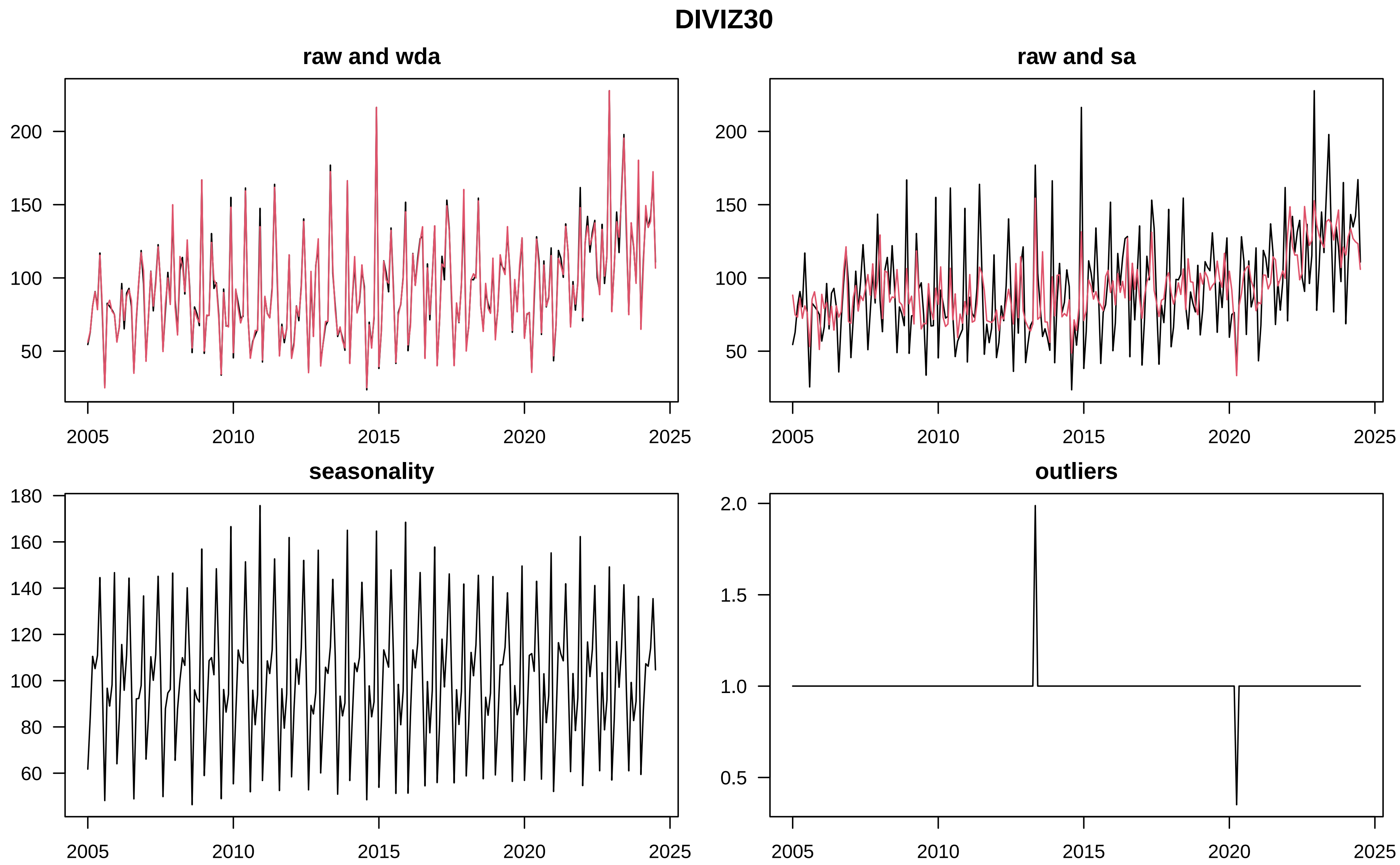
DIVIE29

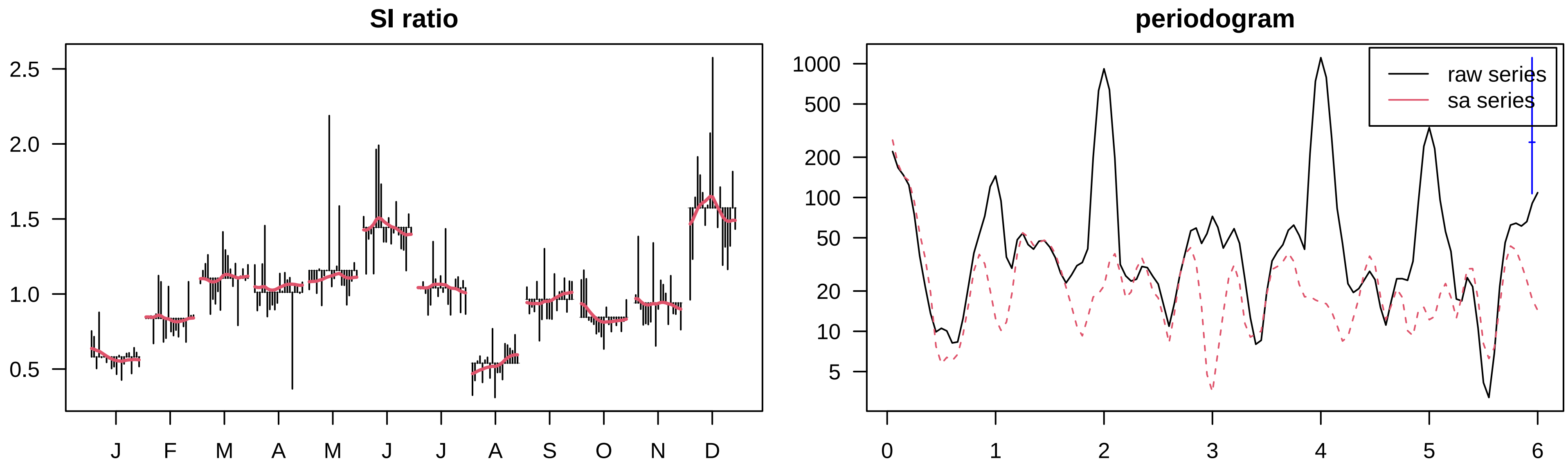

SI ratio
1.2
1.0
0.8
0.6
0.4
0.2
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0
1
2
3
4
5
6
raw series
sa series

DIVIE29


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni


DIVIZ30
raw and wda
200
150
100
50
2005
2010
2015
2020
2025
raw and sa
200
150
100
50
2005
2010
2015
2020
2025
seasonality
180
160
140
120
100
80
60
2005
2010
2015
2020
2025
outliers
2.0
1.5
1.0
0.5
2005
2010
2015
2020
2025

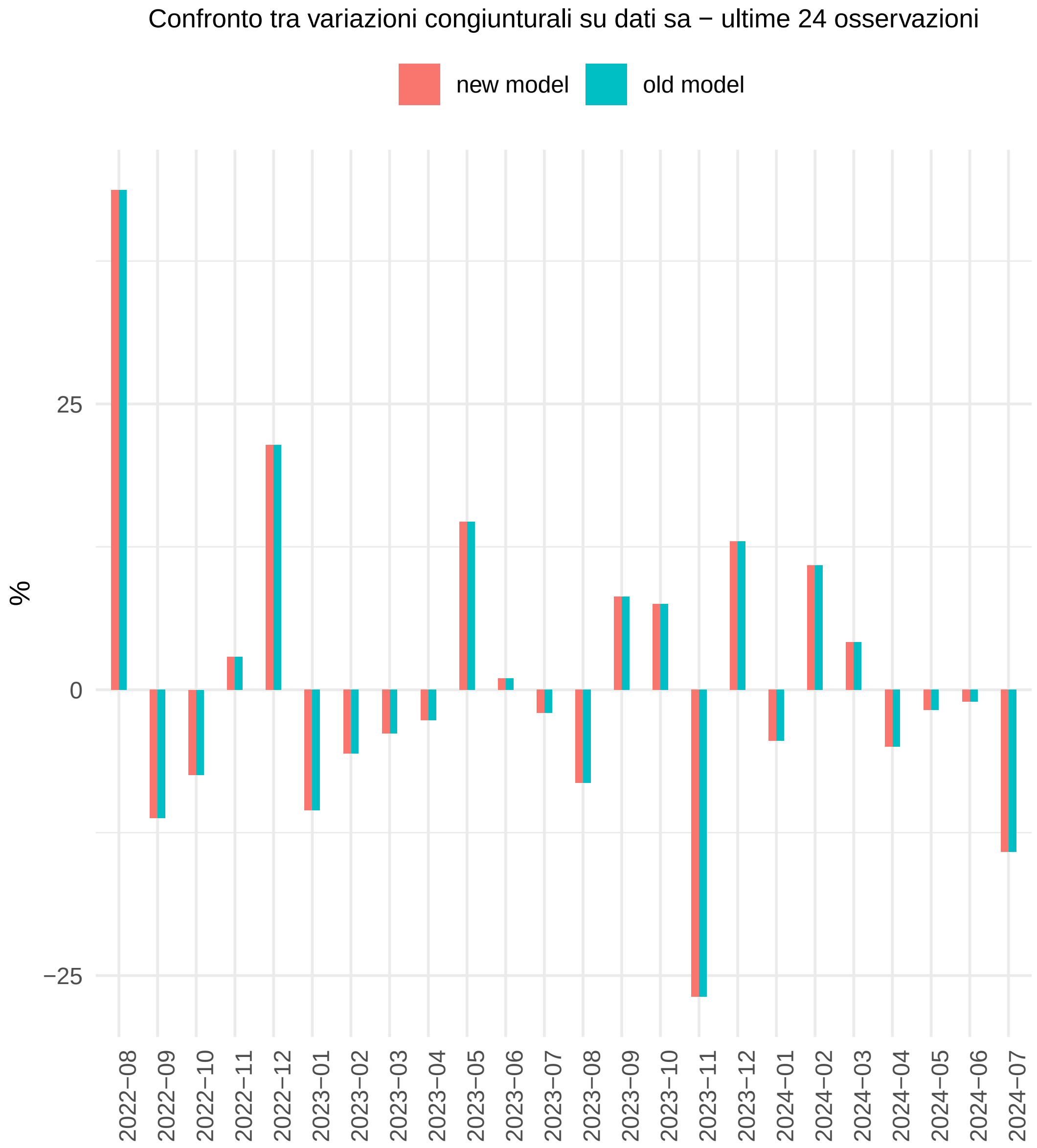


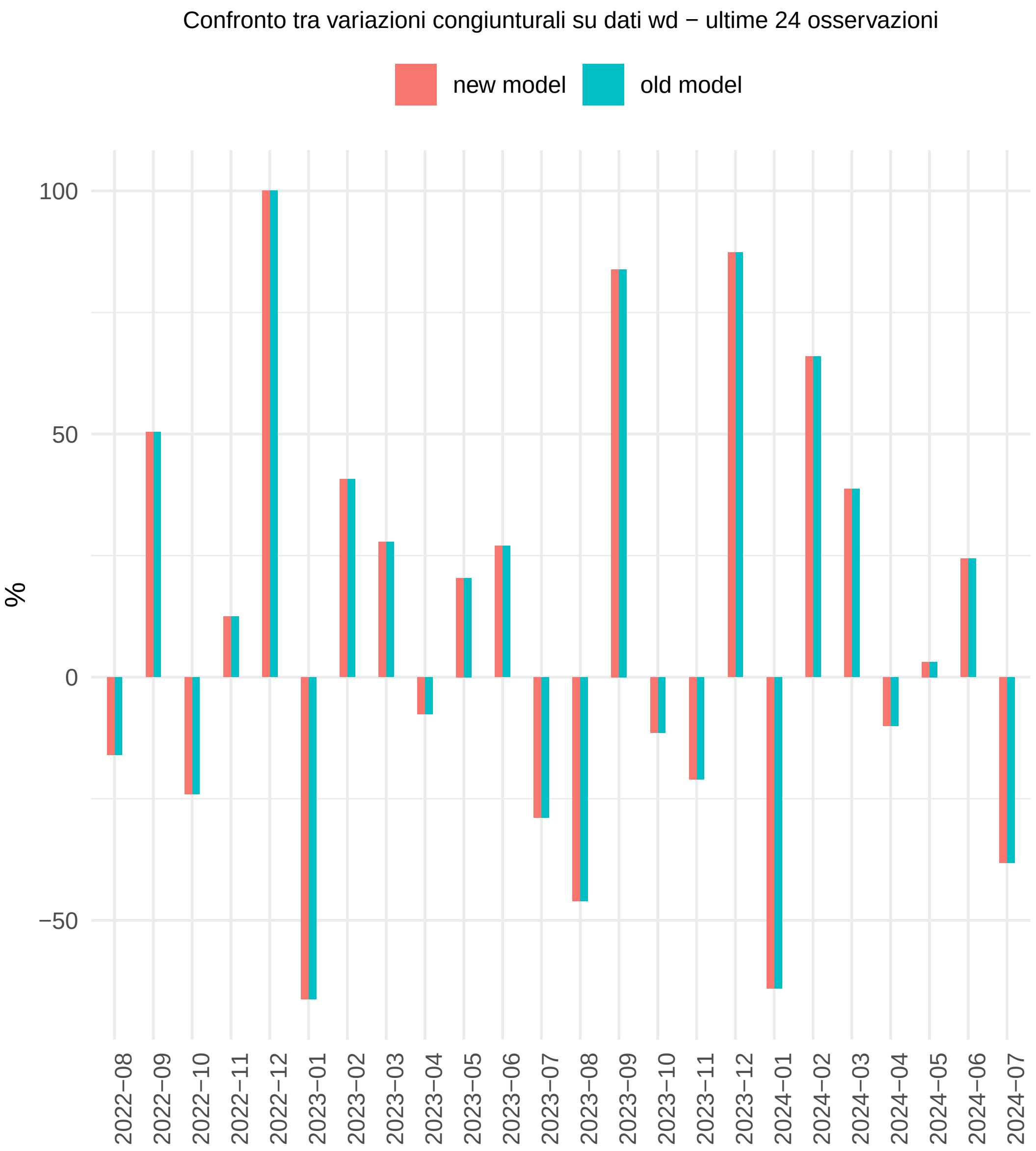
DIVIZ30

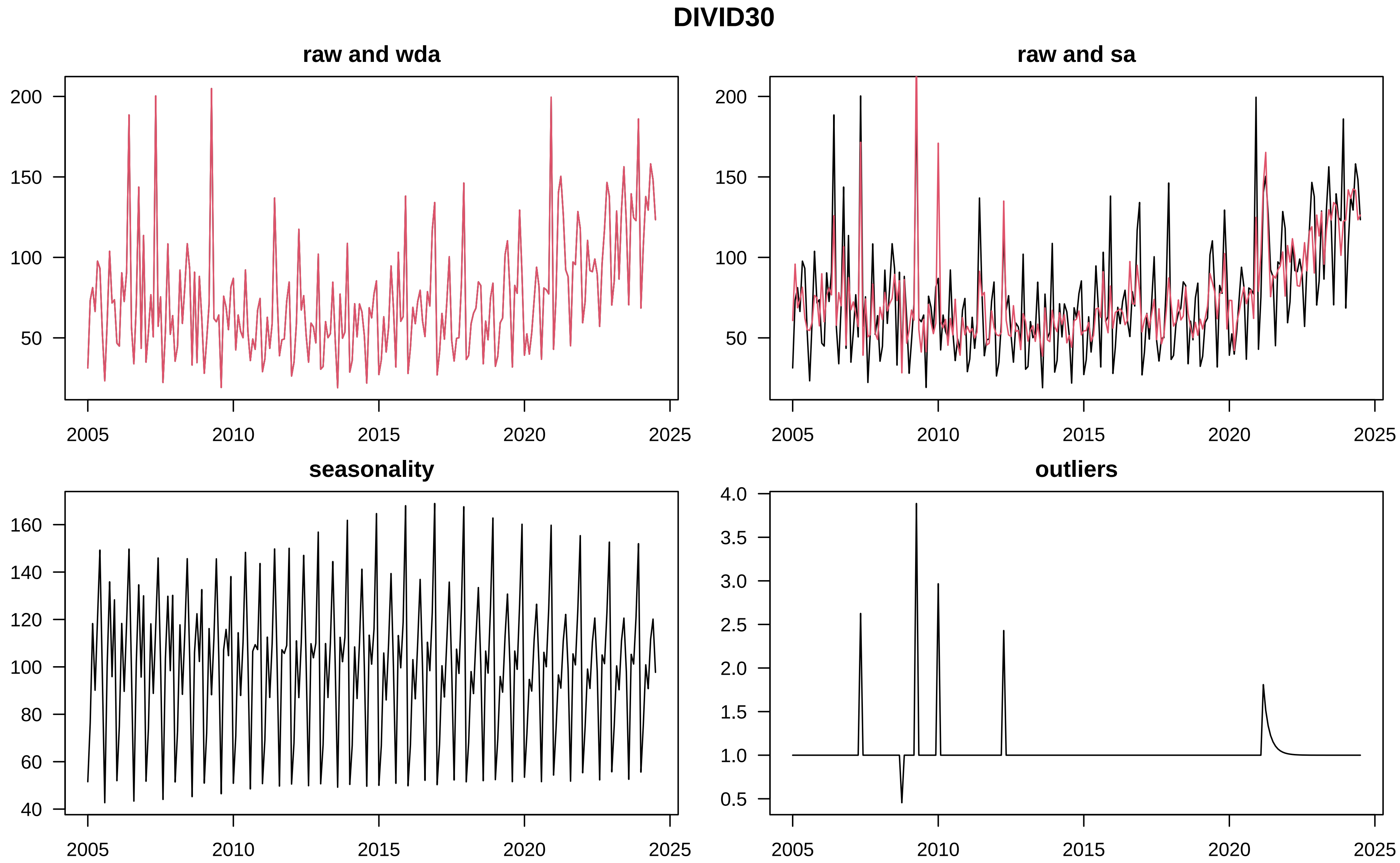
SI ratio

periodogram

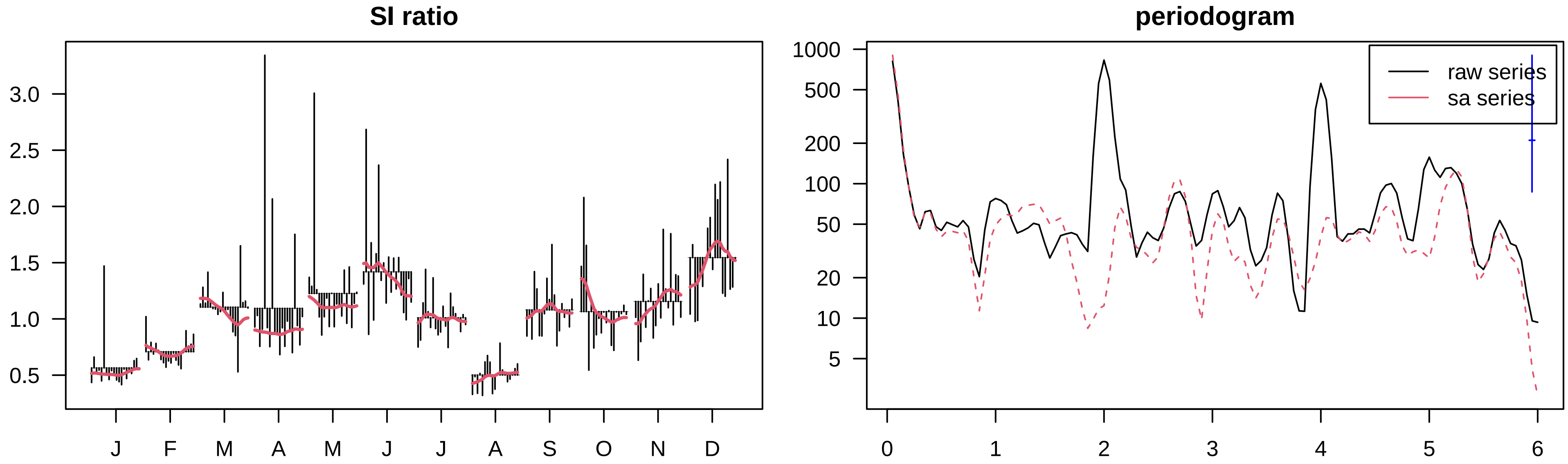
DIVIZ30


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

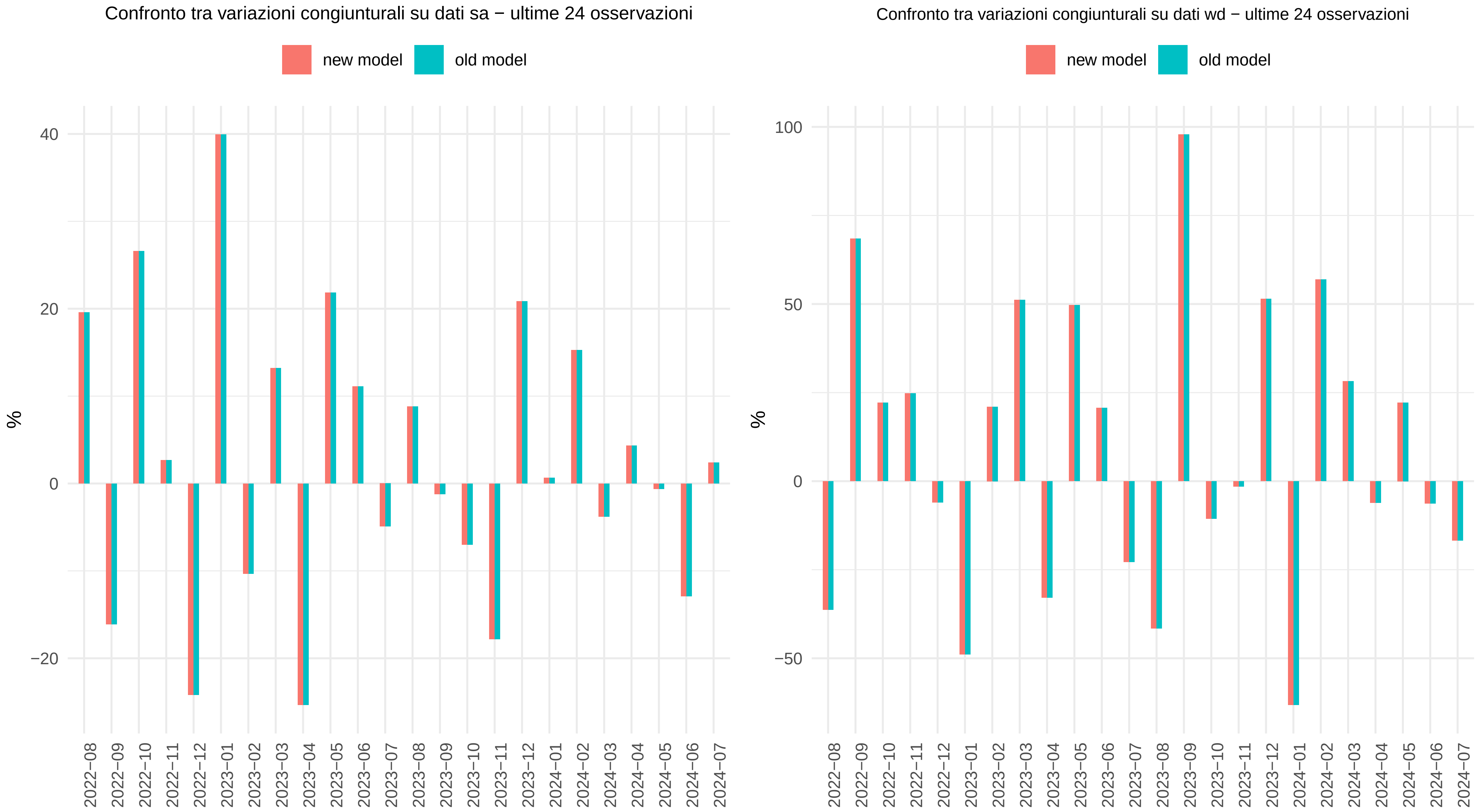

Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni


DIVID30
raw and wda
raw and sa
seasonality
outliers
200
150
100
50
160
140
120
100
80
60
40
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
2005
2010
2015
2020
2025

DIVID30


SI ratio
3.0
2.5
2.0
1.5
1.0
0.5
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1000
500
200
100
50
20
10
5
0
1
2
3
4
5
6
raw series
sa series

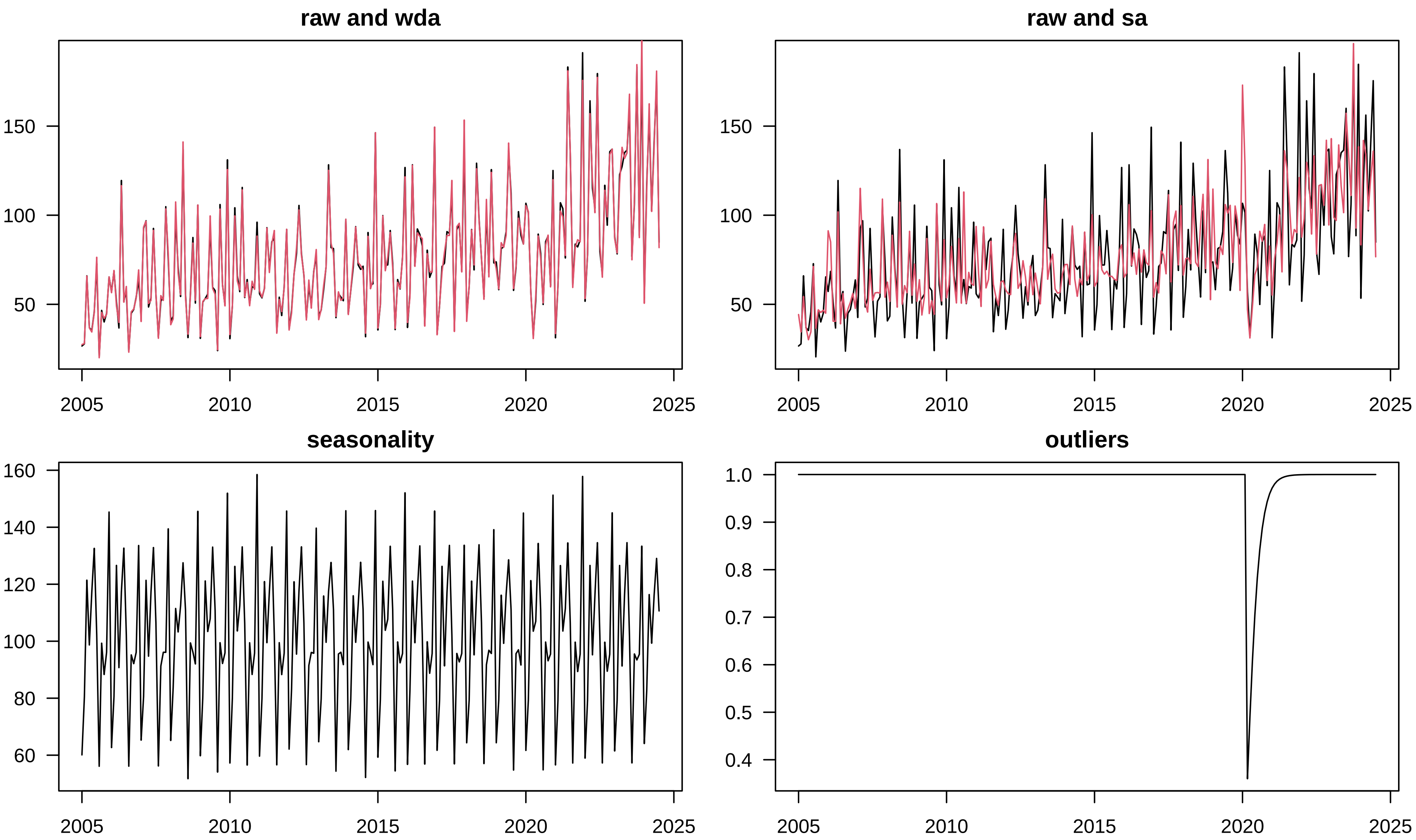
DIVID30

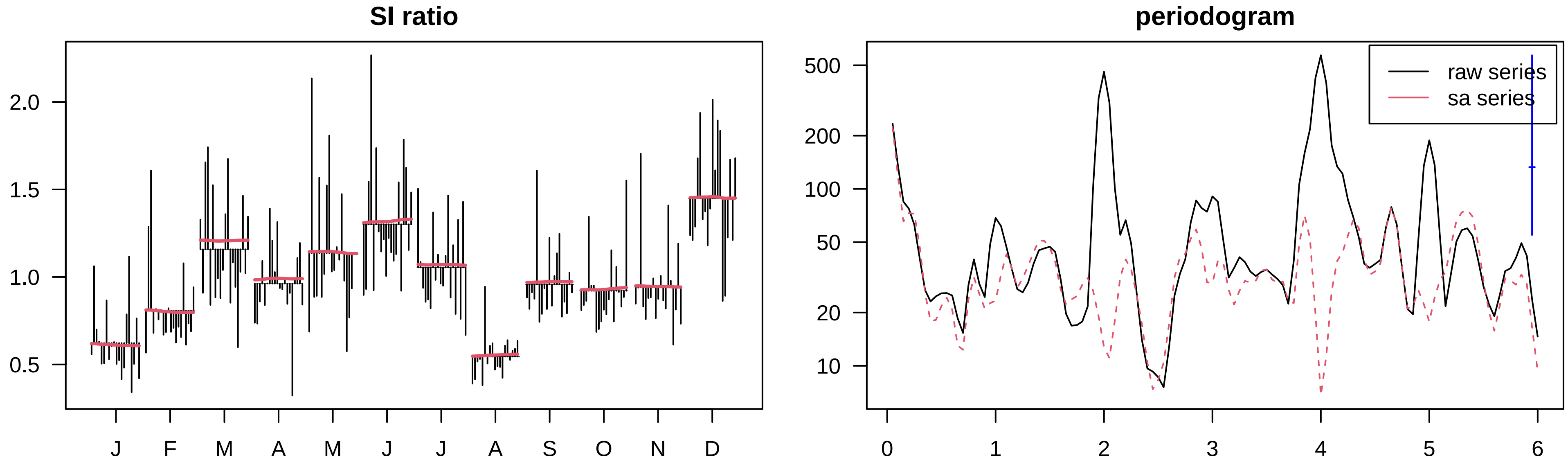


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

DIVIE30

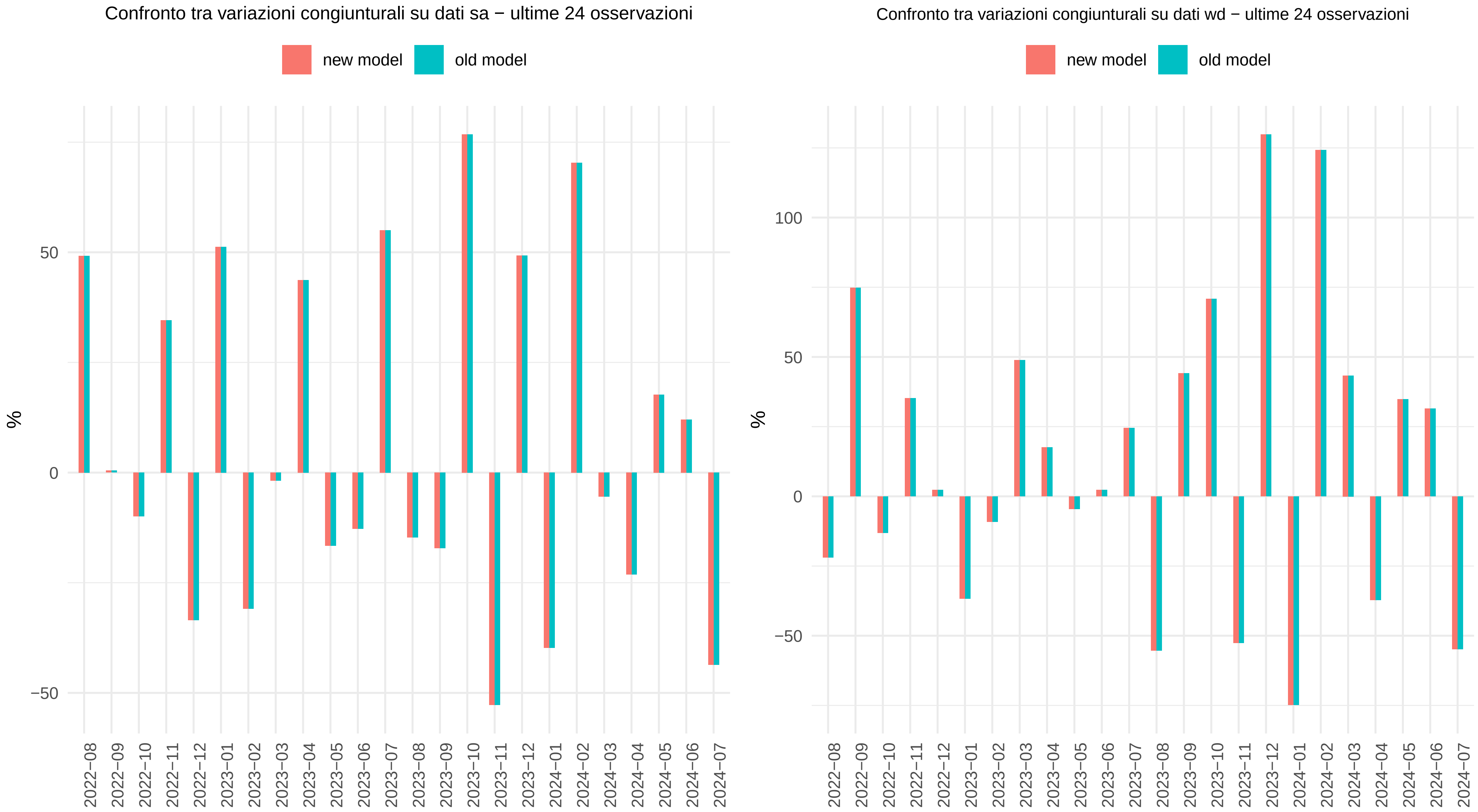

raw and wda
raw and sa
seasonality
outliers
150
100
50
160
140
120
100
80
60
1.0
0.9
0.8
0.7
0.6
0.5
0.4
2005
2010
2015
2020
2025



DIVIE30

SI ratio
2.0
1.5
1.0
0.5
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
500
200
100
50
20
10
0
1
2
3
4
5
6
raw series
sa series

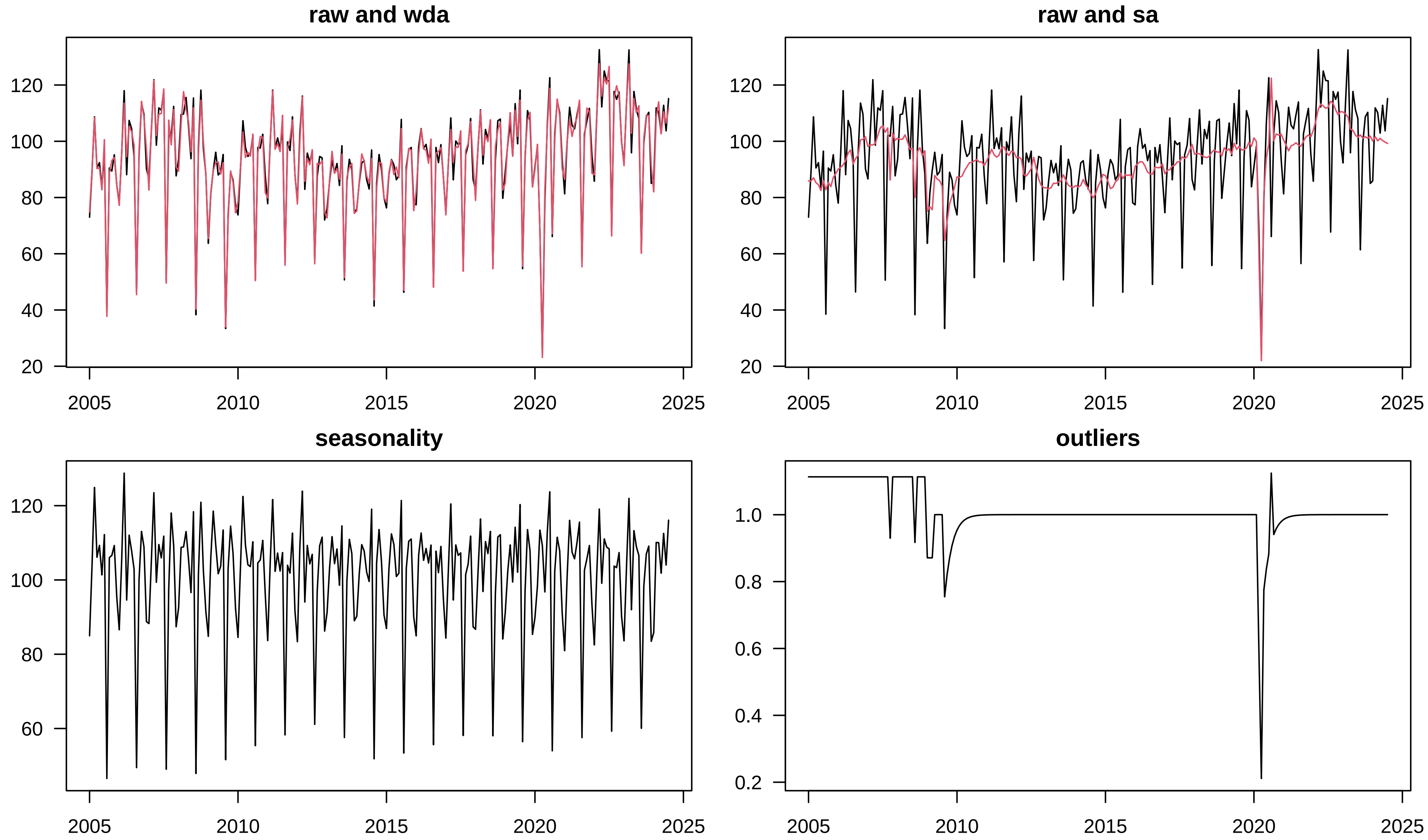
DIVIE30

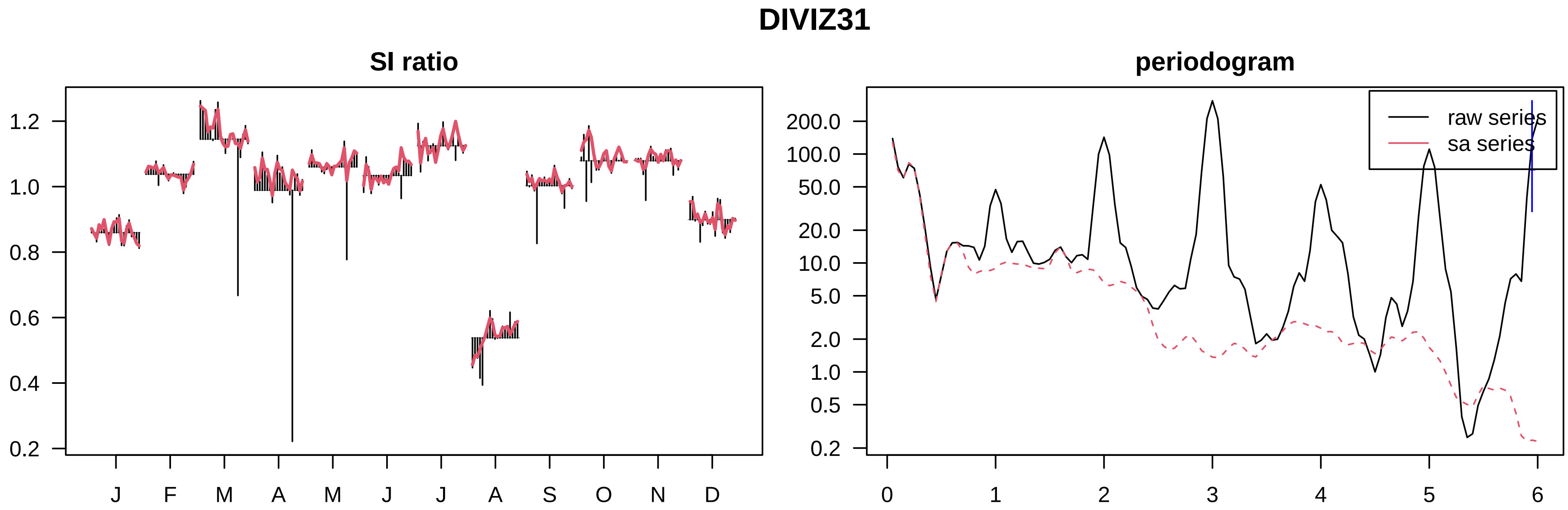


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

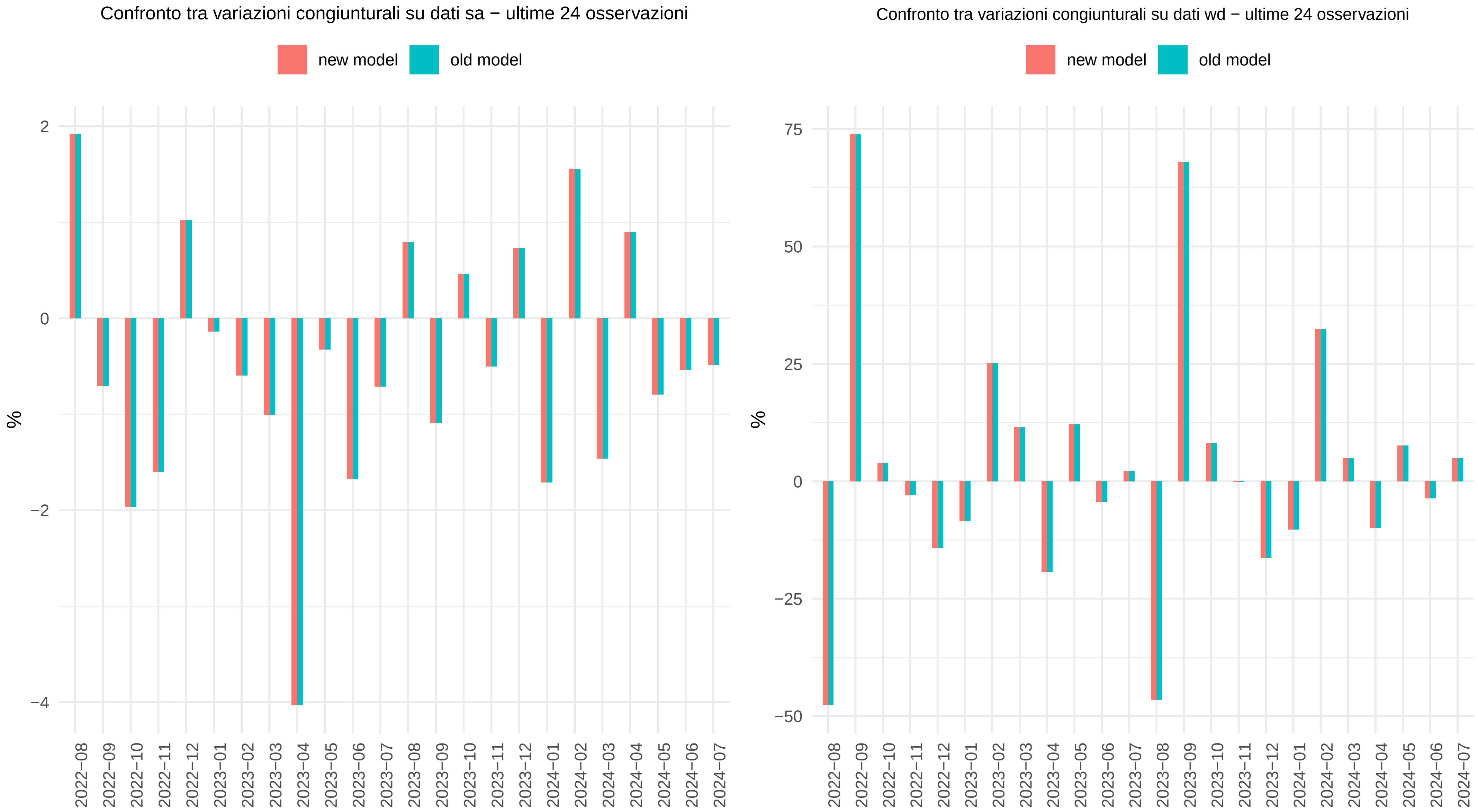
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

DIVIZ31


raw and wda
raw and sa
seasonality
outliers
120
100
80
60
40
20
1.0
0.8
0.6
0.4
0.2
2005
2010
2015
2020
2025

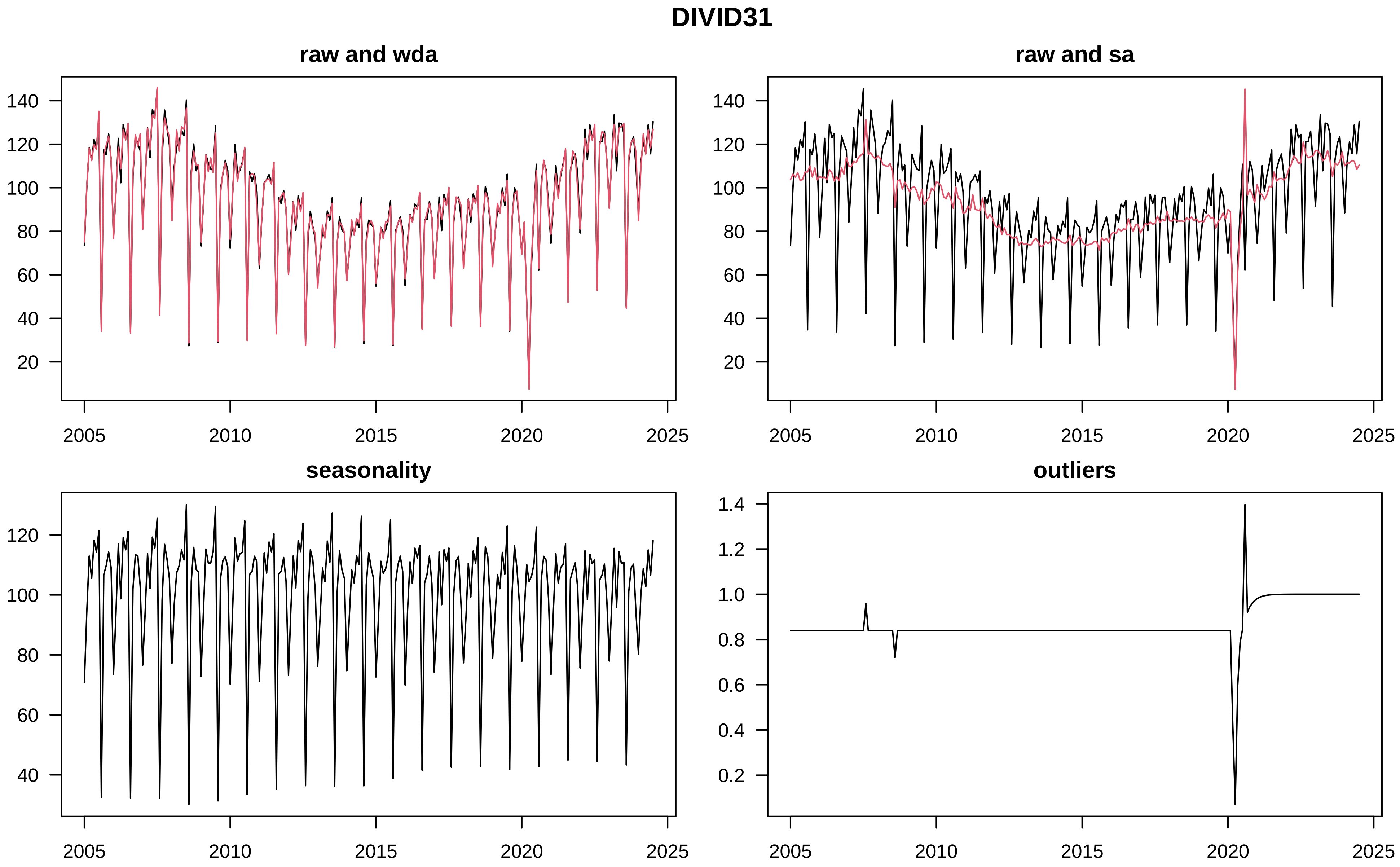

DIVIZ31
SI ratio
1.2
1.0
0.8
0.6
0.4
0.2
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0.2
0
1
2
3
4
5
6
raw series
sa series

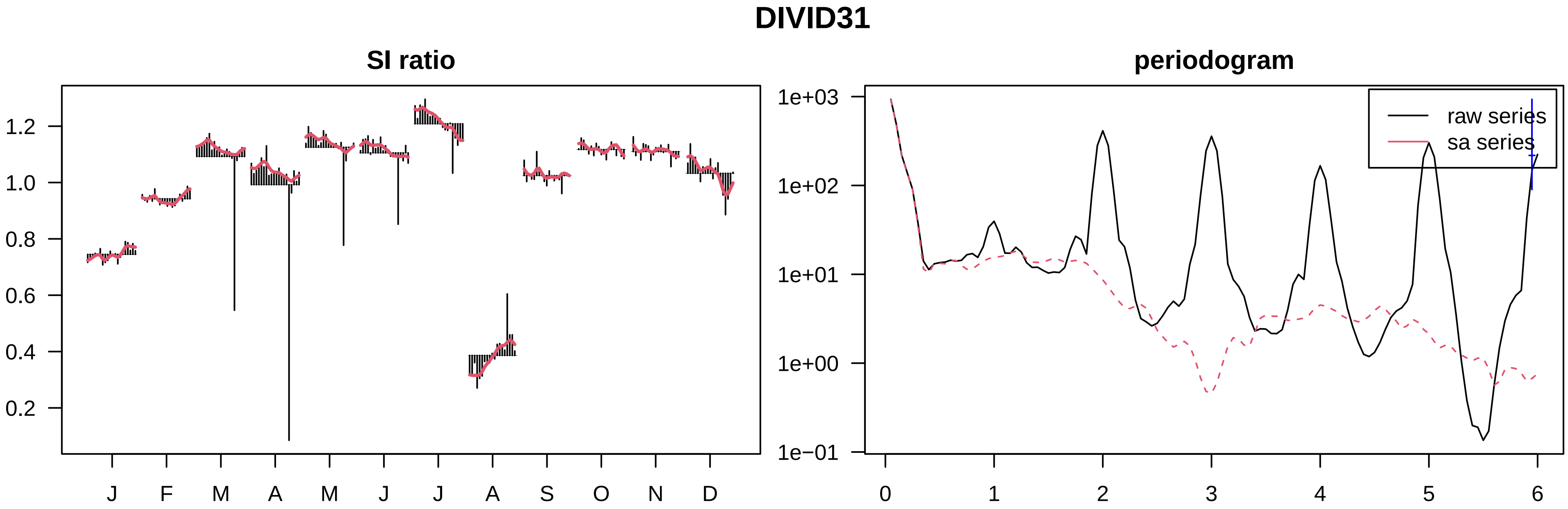
DIVIZ31



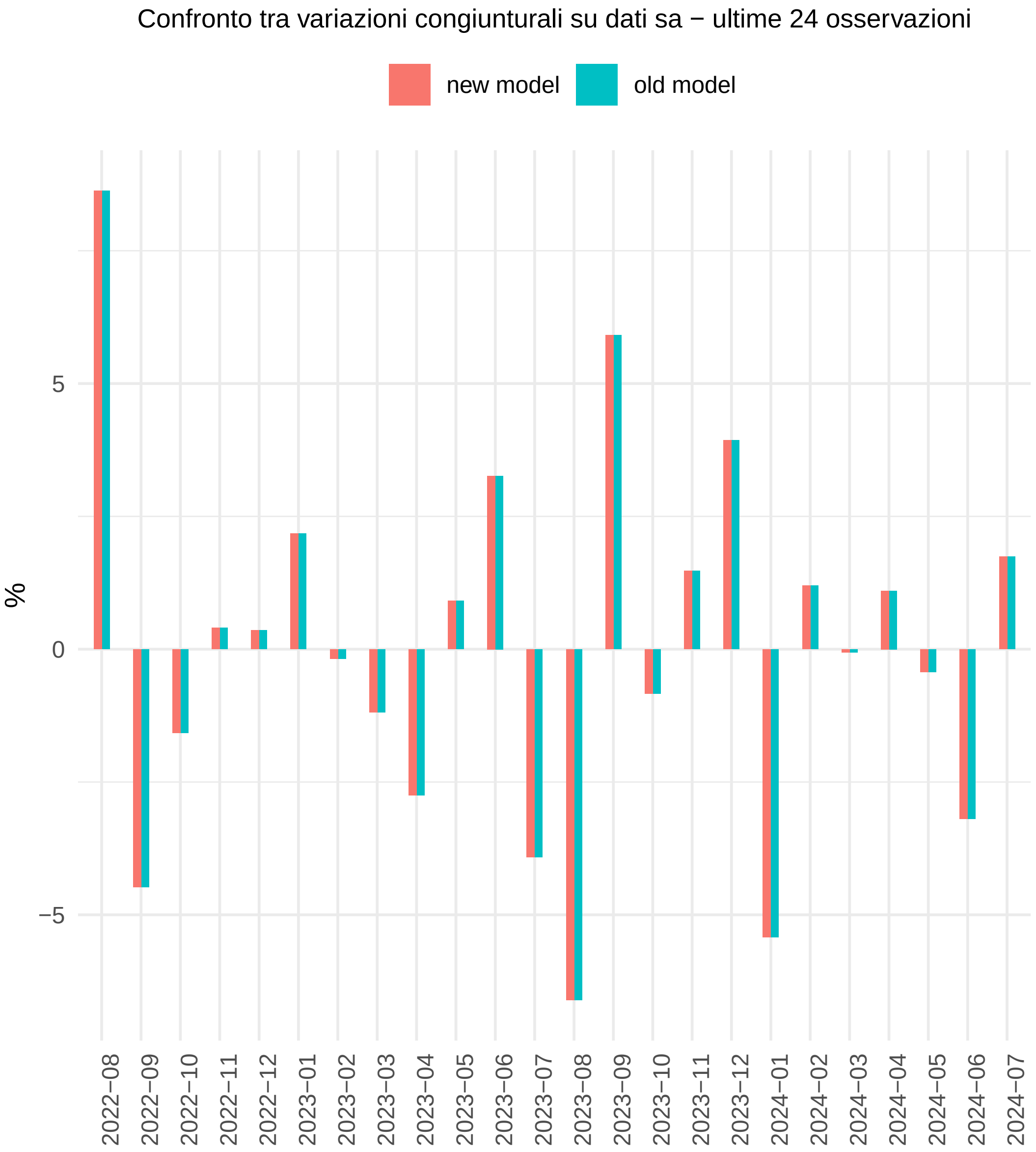
Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

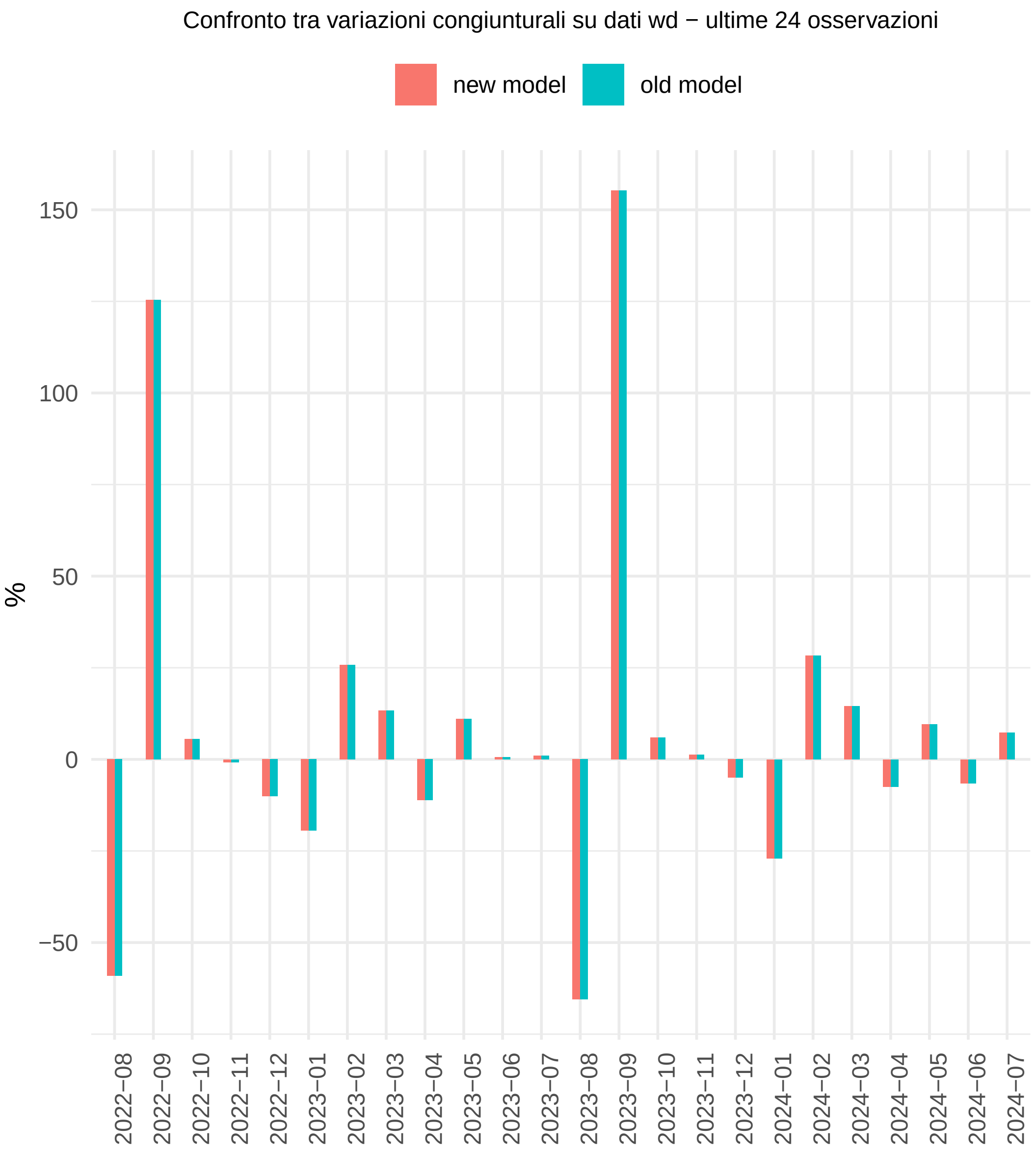

DIVID31
raw and wda
raw and sa
seasonality
outliers
140
120
100
80
60
40
20
2005
2010
2015
2020
2025
1.4
1.2
1.0
0.8
0.6
0.4
0.2


DIVID31
SI ratio
1.2
1.0
0.8
0.6
0.4
0.2
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+03
1e+02
1e+01
1e+00
1e−01
0
1
2
3
4
5
6
raw series
sa series

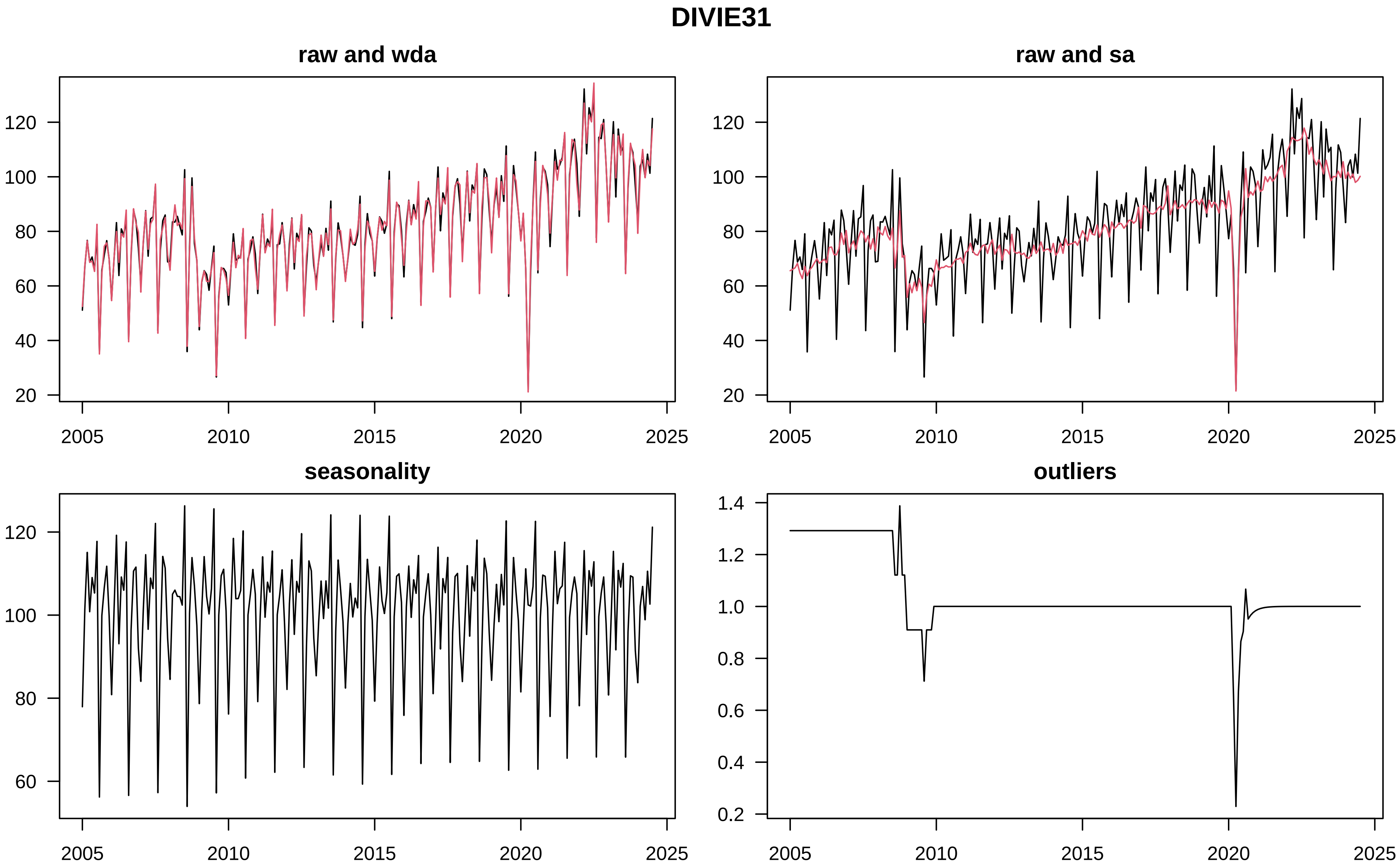
DIVID31



Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
5
0
−5
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07



Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
150
100
50
0
−50
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07



DIVIE31

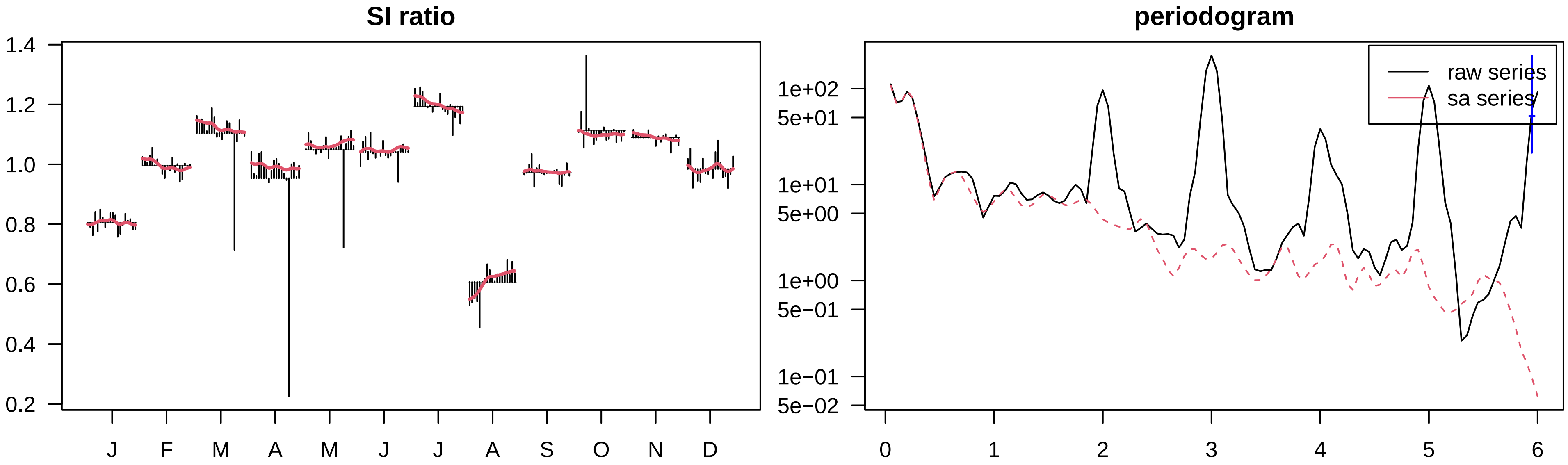
raw and wda

raw and sa

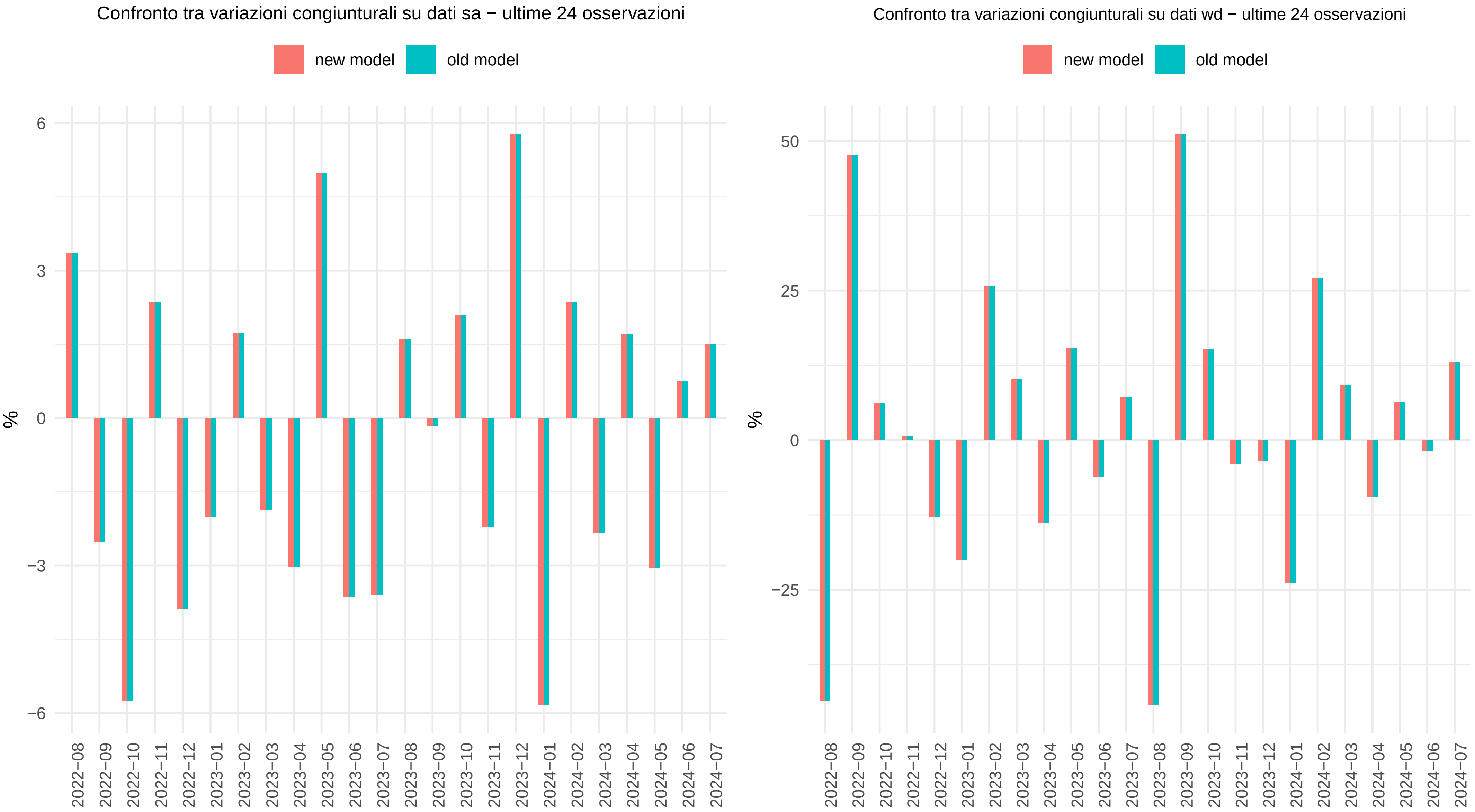
seasonality

outliers

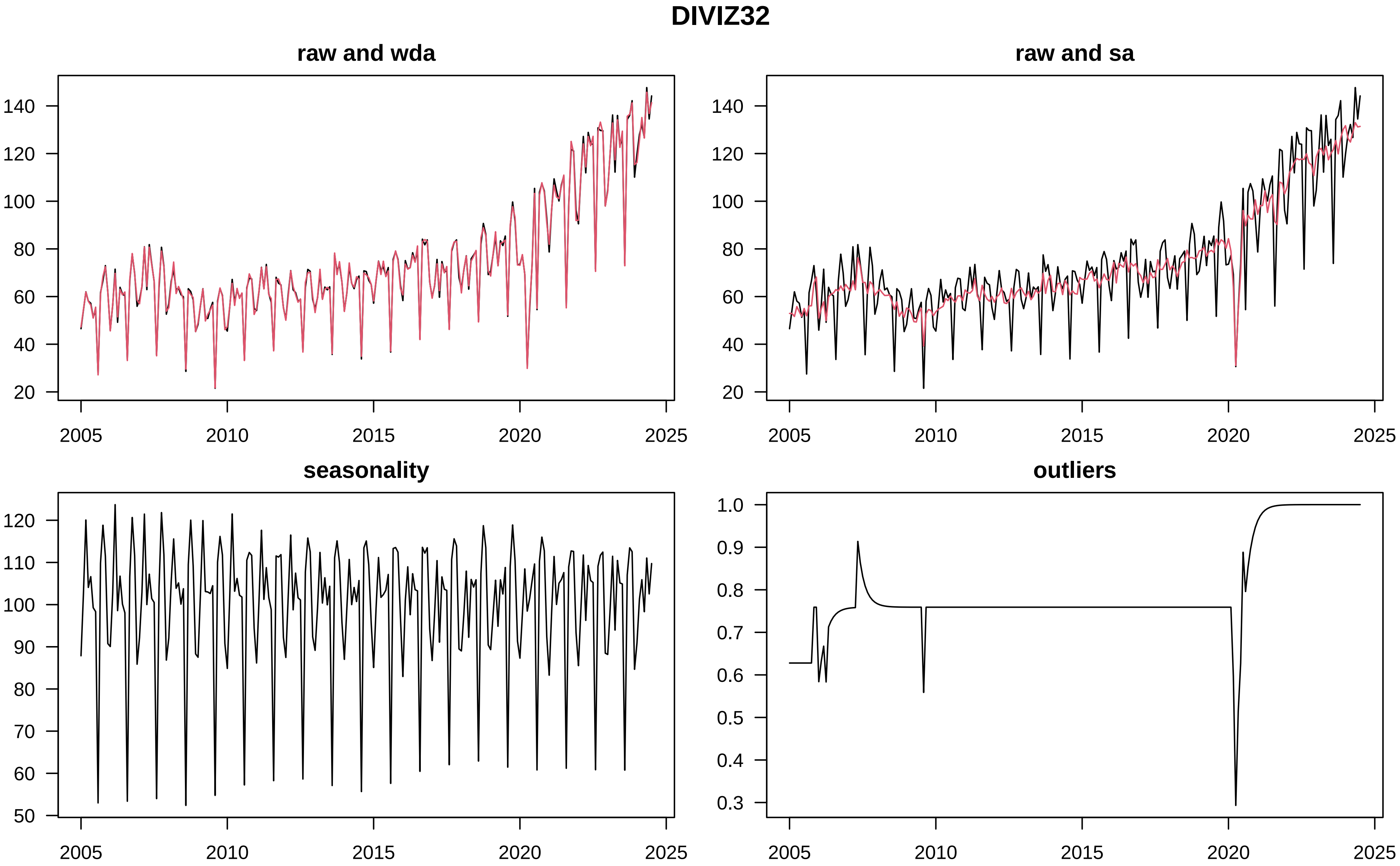
DIVIE31


SI ratio
1.4
1.2
1.0
0.8
0.6
0.4
0.2
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
1e−01
5e−02
0
1
2
3
4
5
6

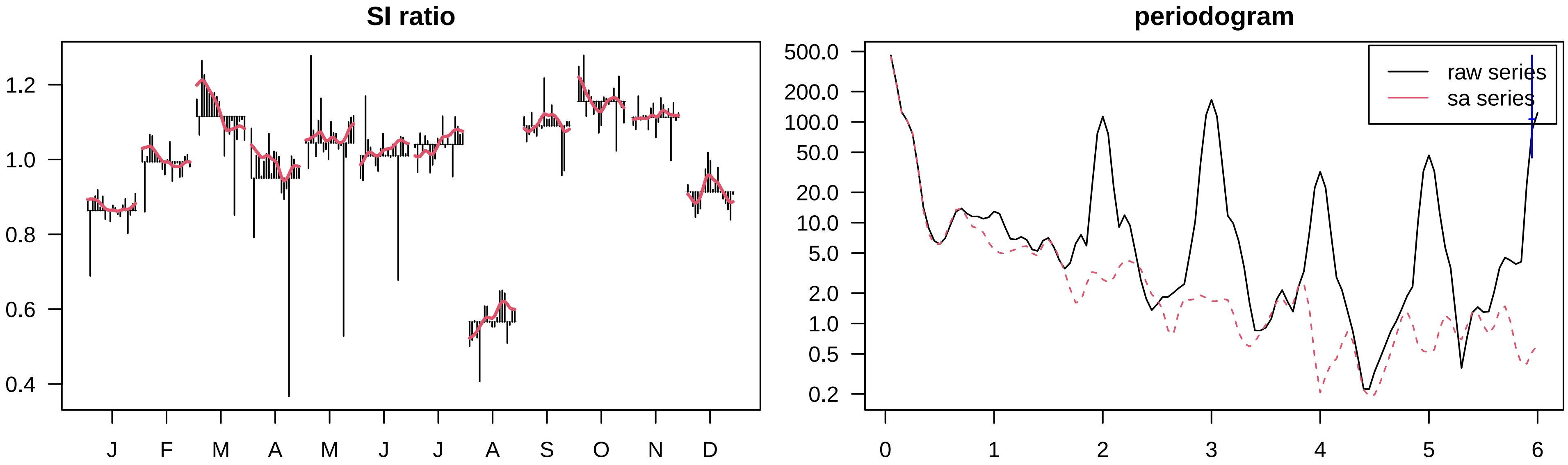
DIVIE31


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

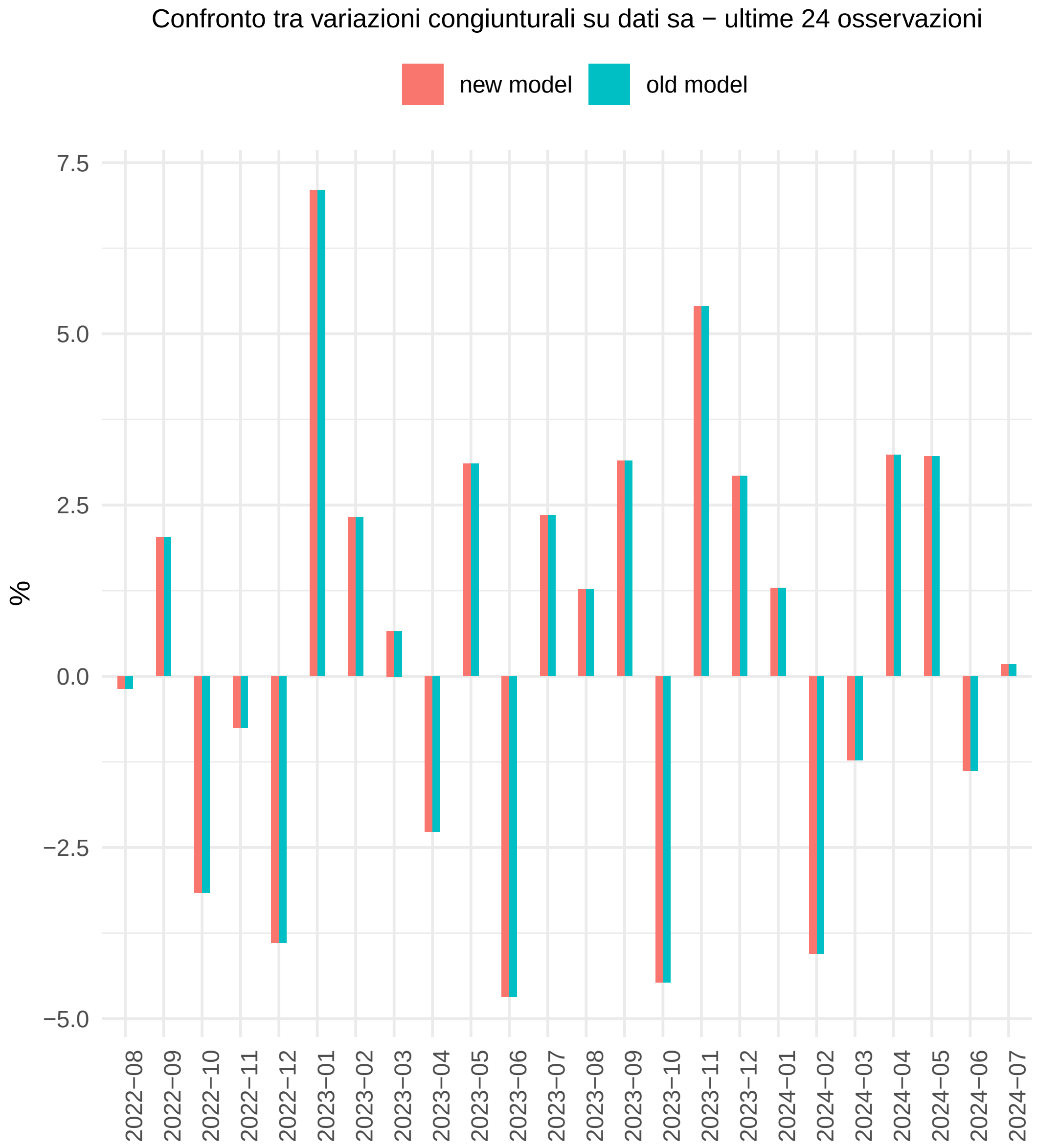
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

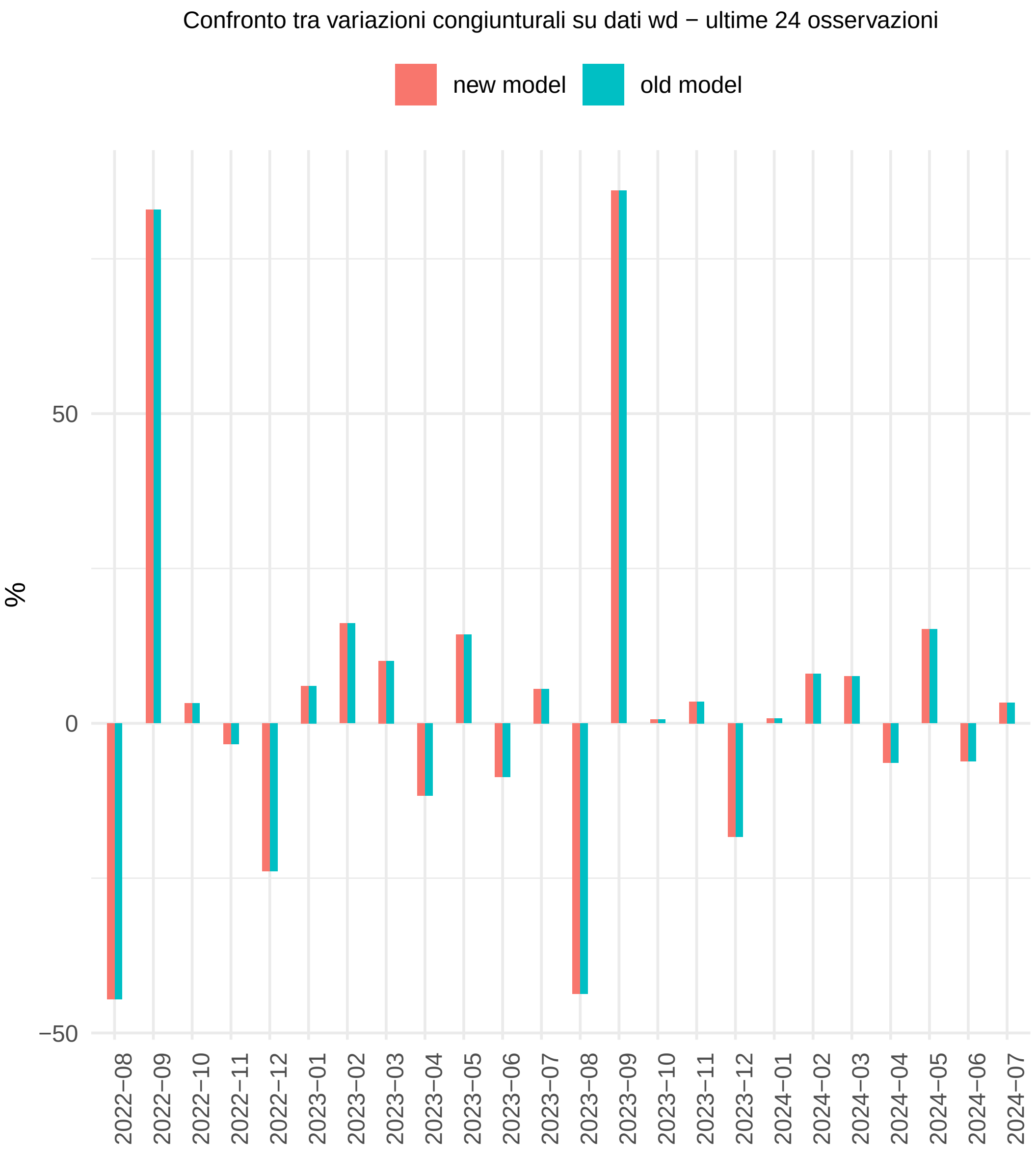

DIVIZ32
raw and wda
140
120
100
80
60
40
20
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
60
40
20
2005
2010
2015
2020
2025
seasonality
120
110
100
90
80
70
60
50
2005
2010
2015
2020
2025
outliers
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
2005
2010
2015
2020
2025

DIVIZ32

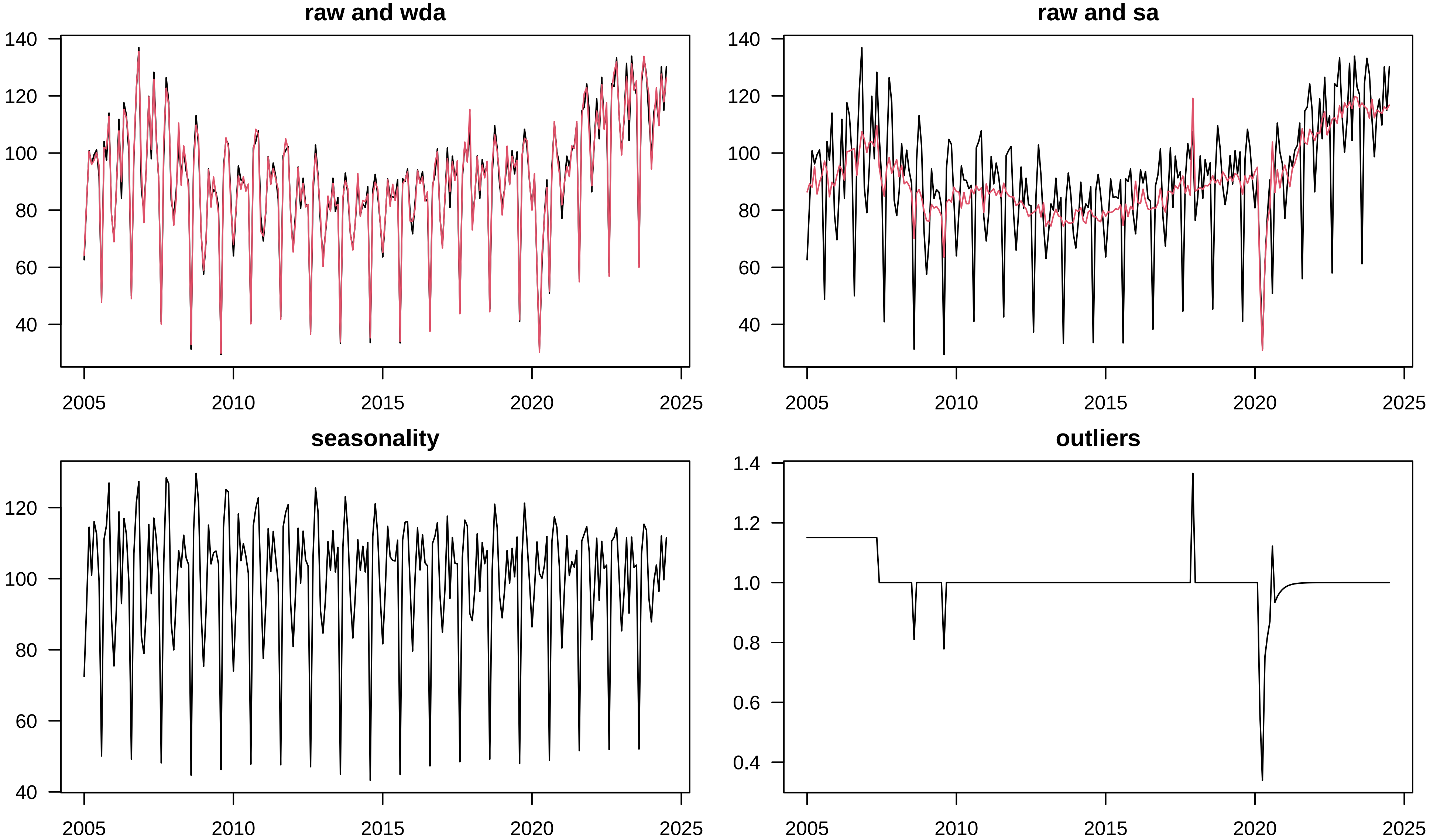

SI ratio
1.2
1.0
0.8
0.6
0.4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0.2
0
1
2
3
4
5
6
raw series
sa series

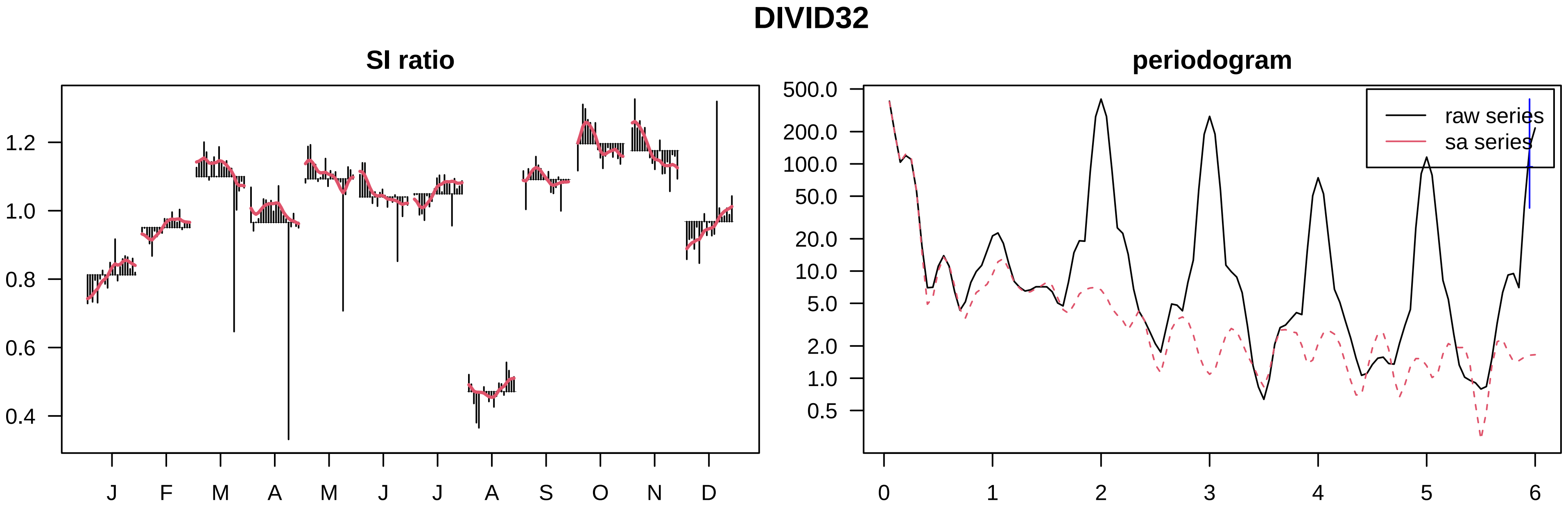
DIVIZ32


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
7.5
5.0
2.5
0.0
−2.5
−5.0
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

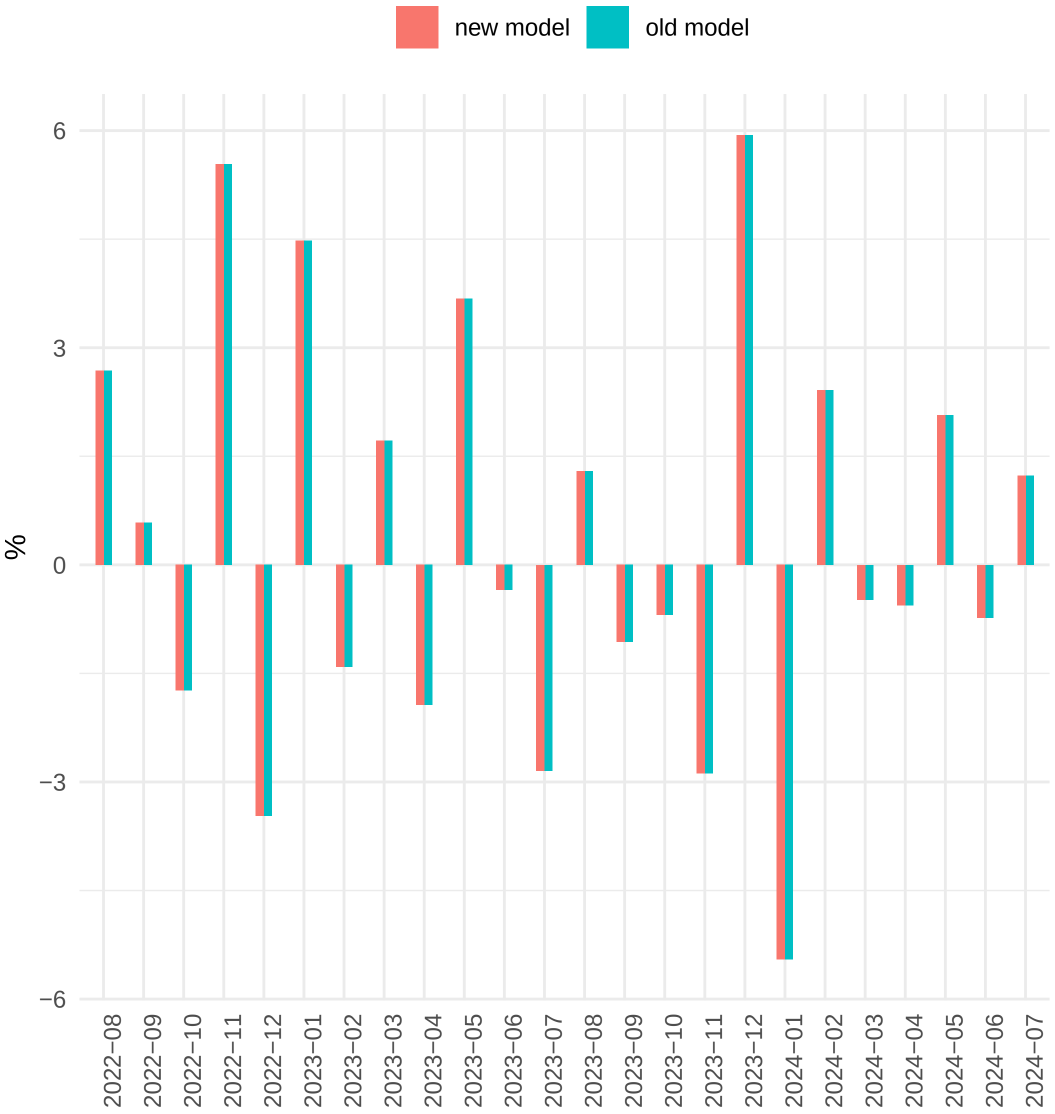

Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
50
0
−50
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

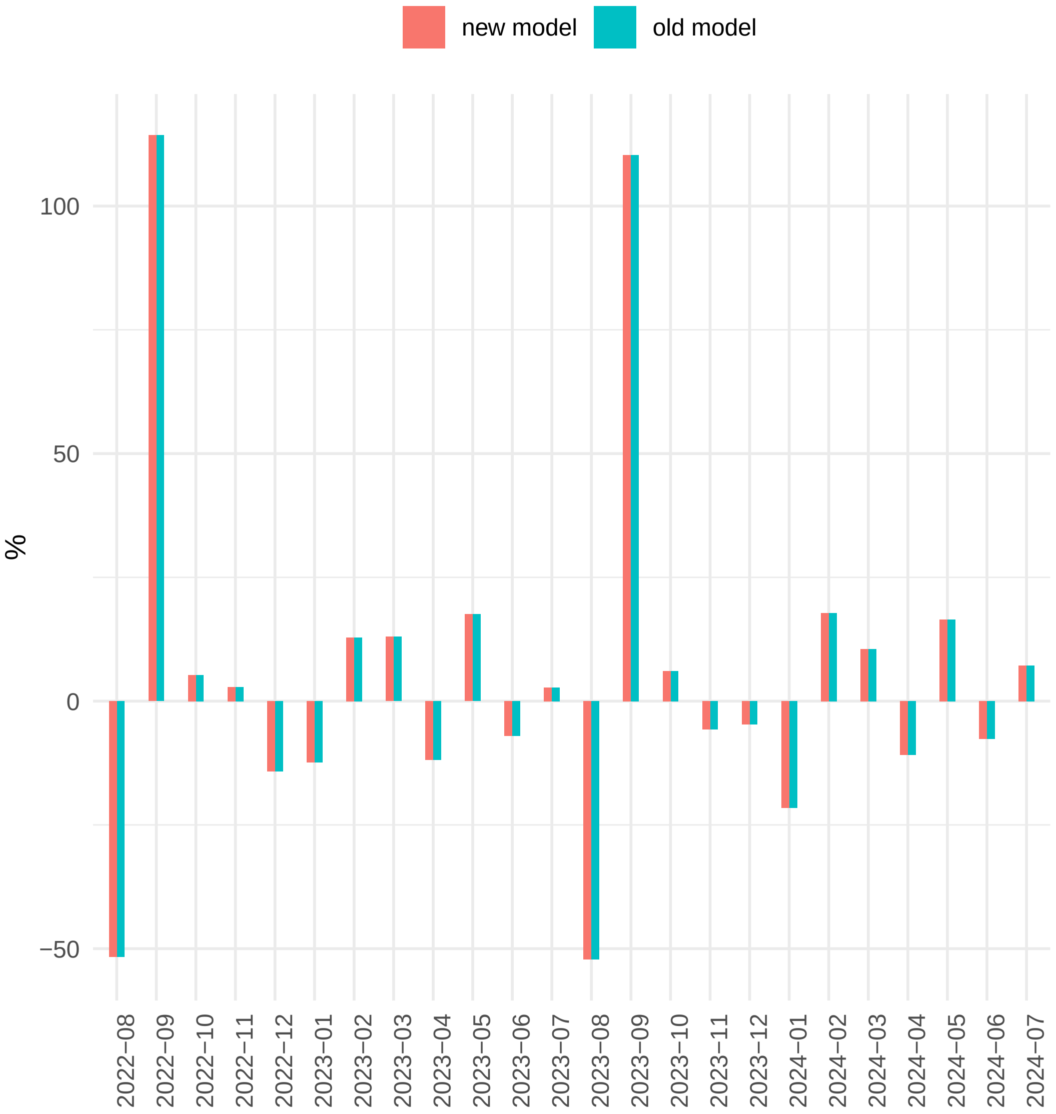
DIVID32


raw and wda
raw and sa
seasonality
outliers
140
120
100
80
60
40
1.4
1.2
1.0
0.8
0.6
0.4
2005
2010
2015
2020
2025

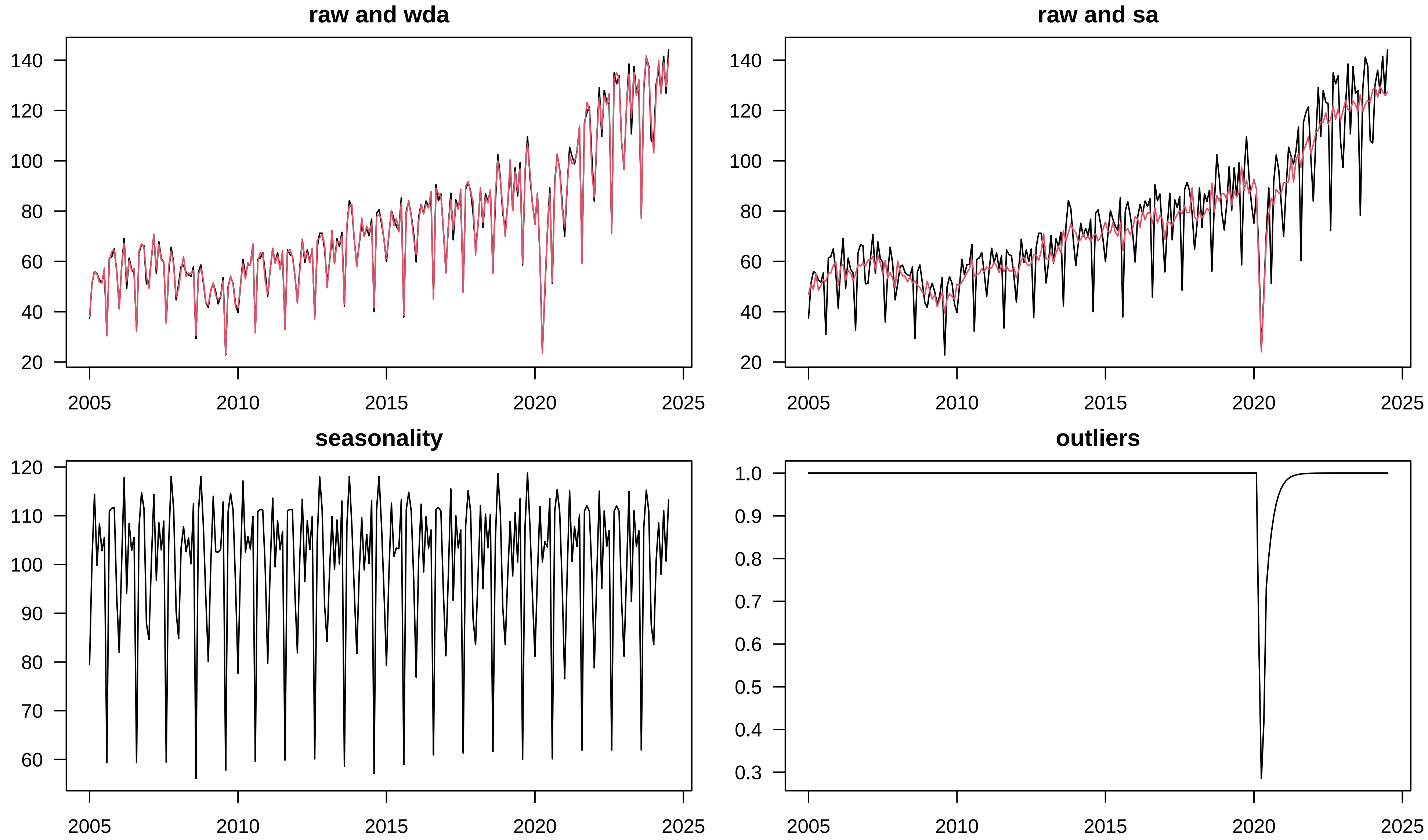

DIVID32
SI ratio
1.2
1.0
0.8
0.6
0.4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0
1
2
3
4
5
6
raw series
sa series

DIVID32

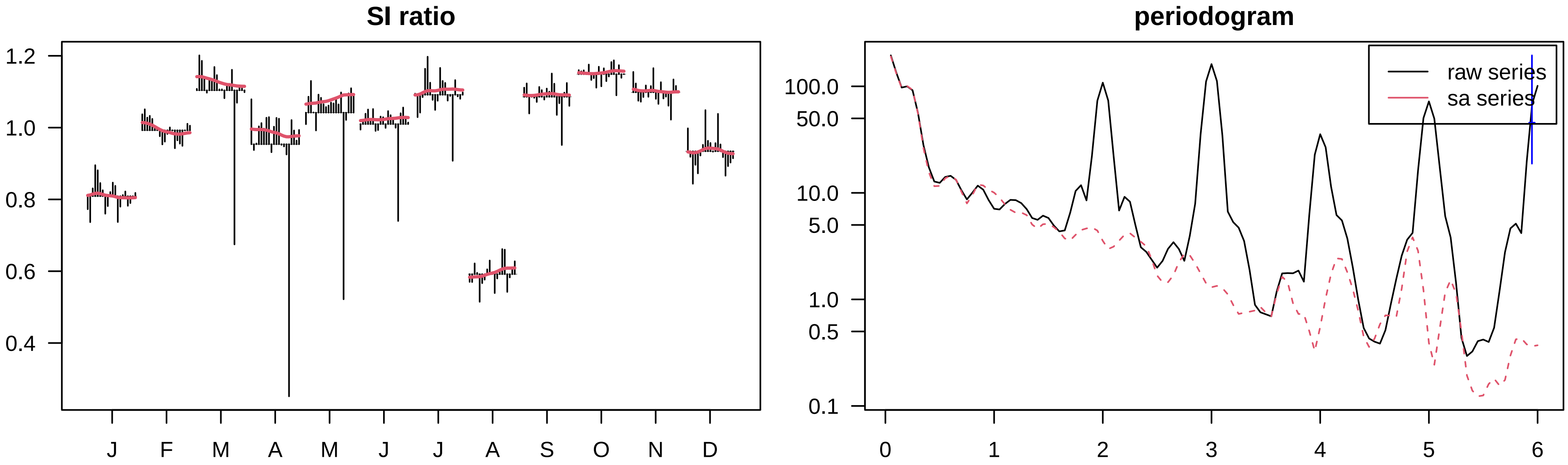

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

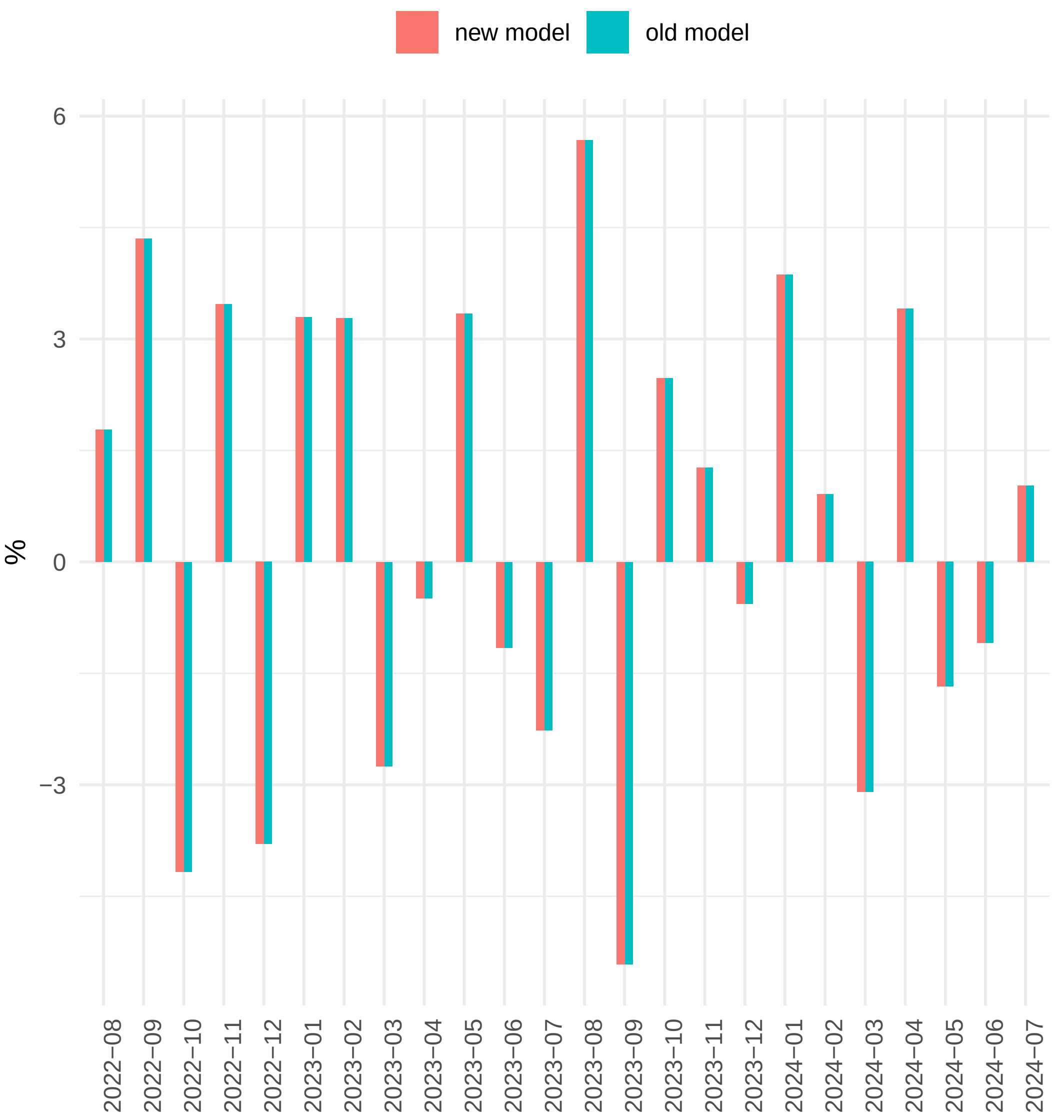
DIVIE32

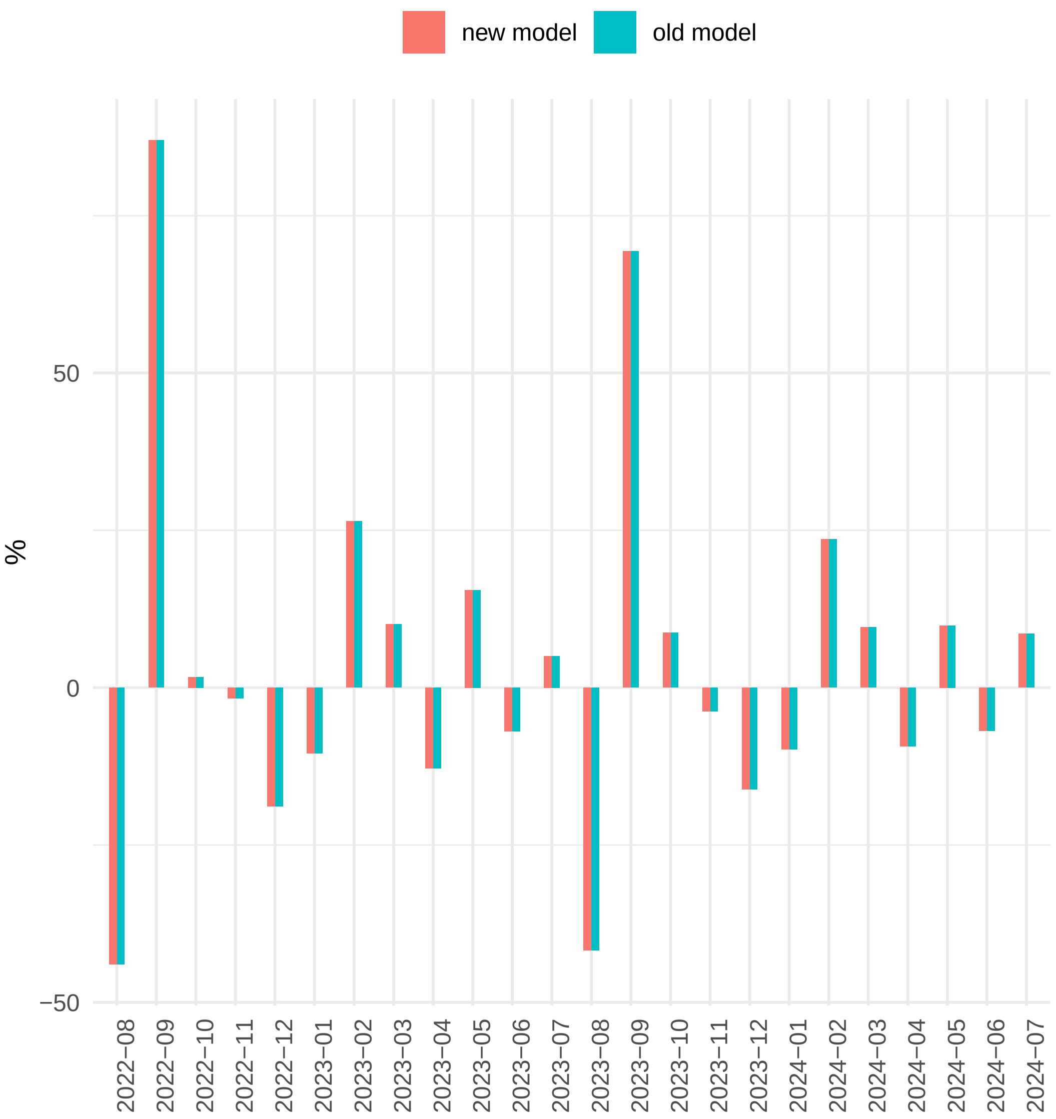

raw and wda
raw and sa
seasonality
outliers
20
40
60
80
100
120
140
60
70
80
90
100
110
120
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
2005
2010
2015
2020
2025

DIVIE32

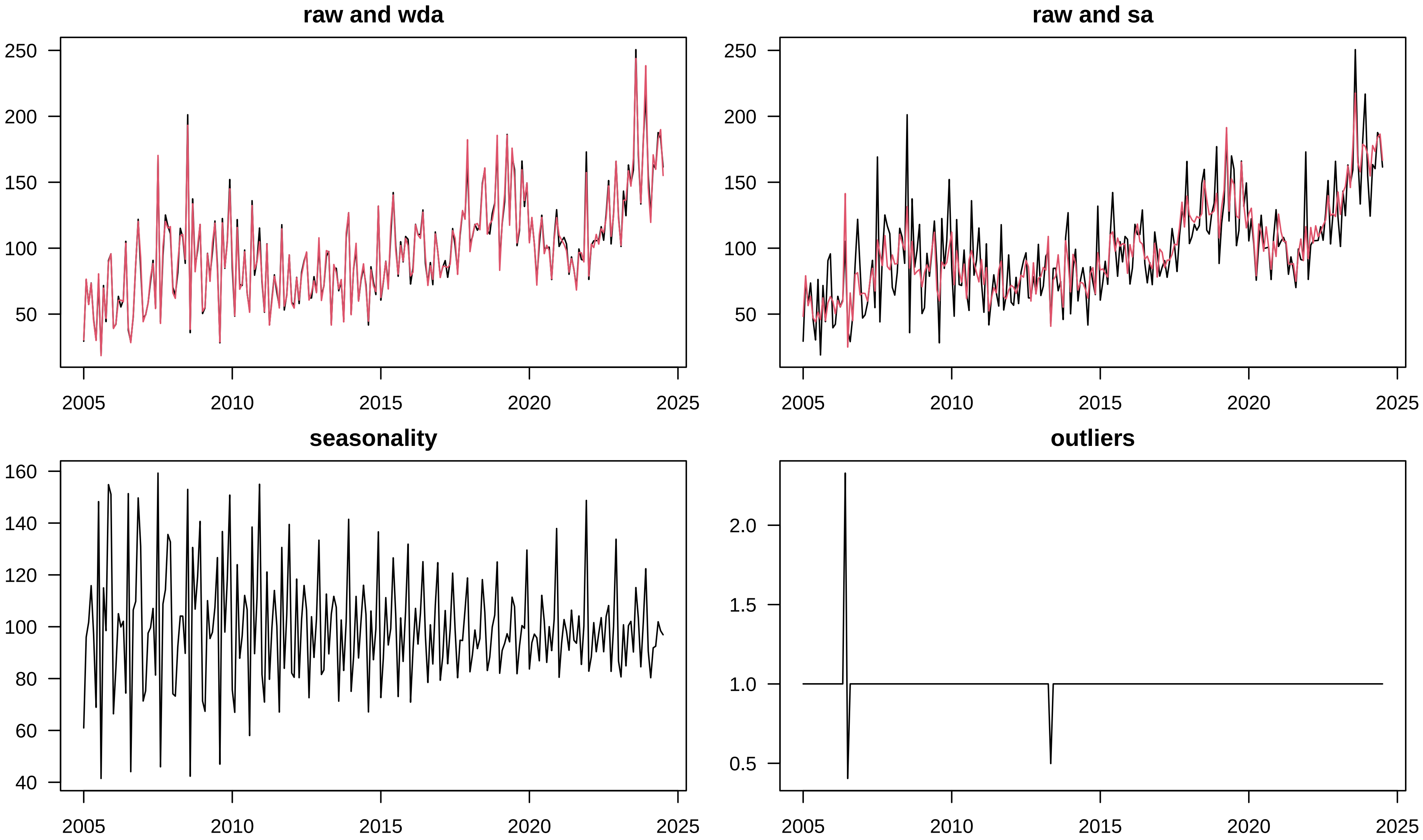

SI ratio
1.2
1.0
0.8
0.6
0.4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
100.0
50.0
10.0
5.0
1.0
0.5
0.1
0
1
2
3
4
5
6
raw series
sa series

DIVIE32

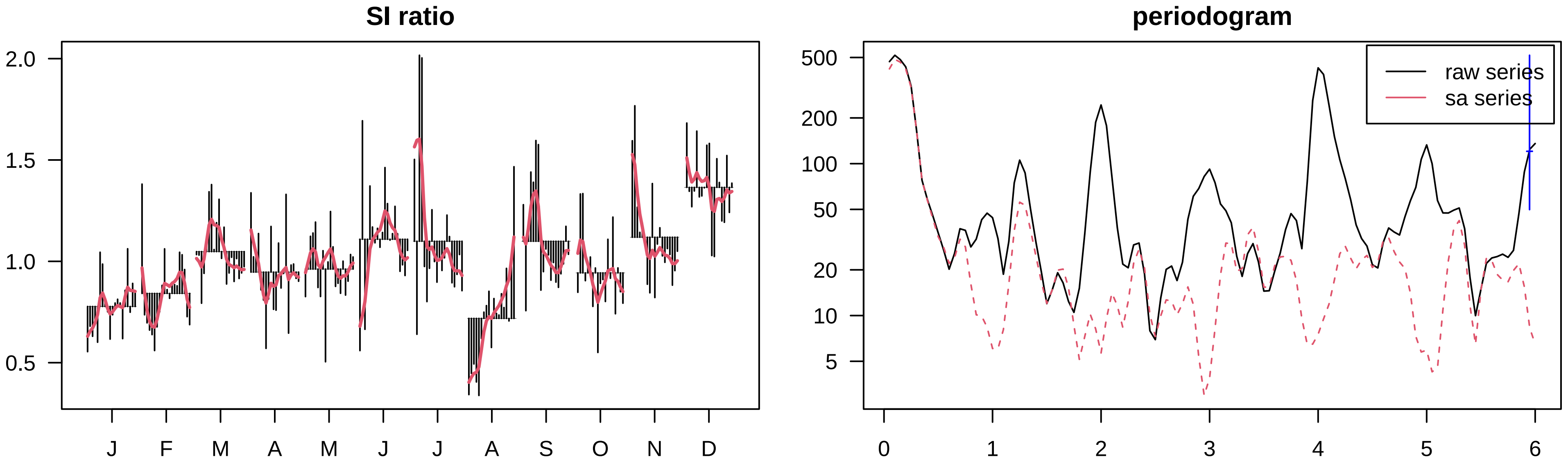

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

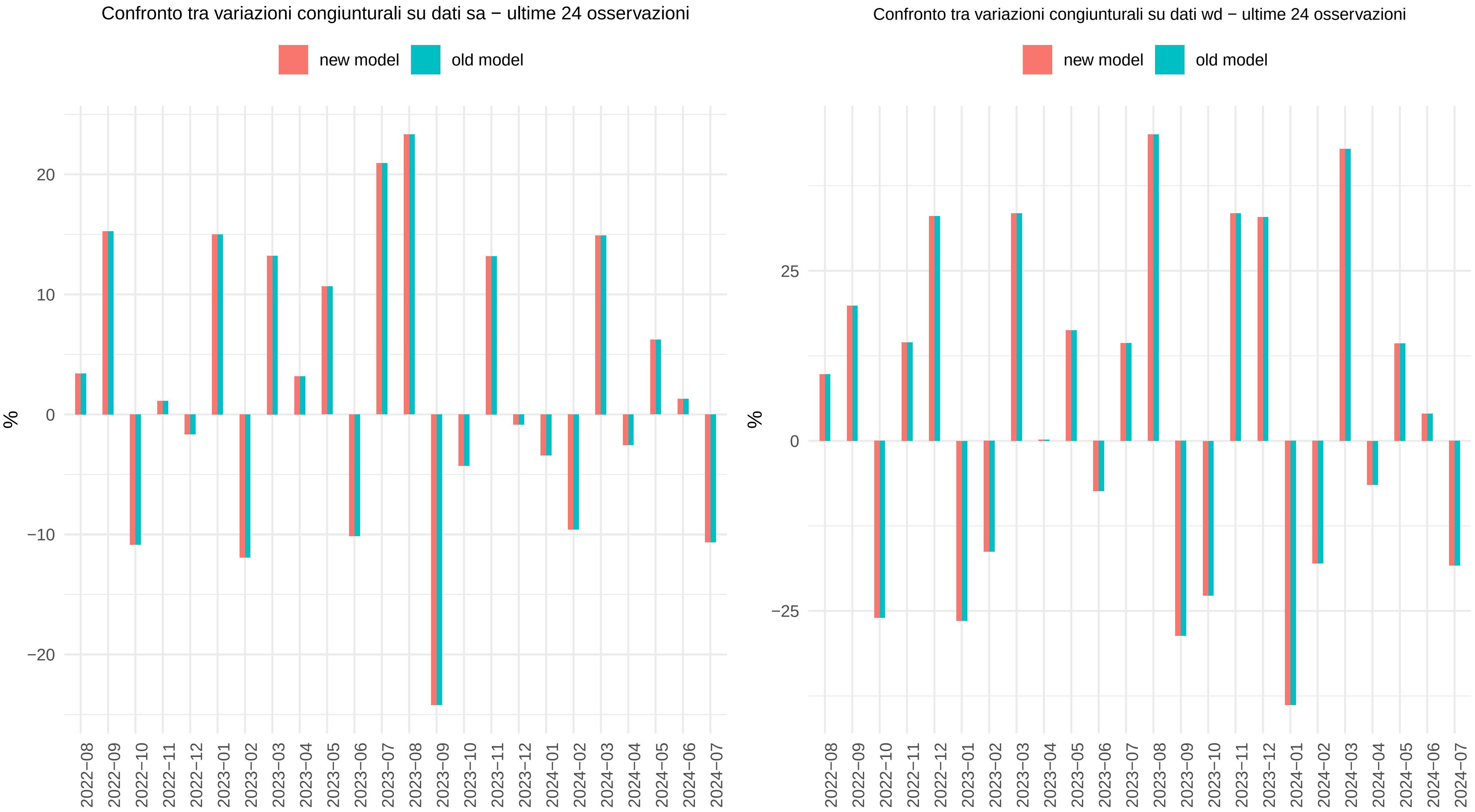
DIVIZ33


raw and wda
250
200
150
100
50
2005
2010
2015
2020
2025
raw and sa
250
200
150
100
50
2005
2010
2015
2020
2025
seasonality
160
140
120
100
80
60
40
2005
2010
2015
2020
2025
outliers
2.0
1.5
1.0
0.5
2005
2010
2015
2020
2025

DIVIZ33


SI ratio
2.0
1.5
1.0
0.5
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
500
200
100
50
20
10
5
0
1
2
3
4
5
6
raw series
sa series

DIVIZ33


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
20
10
0
−10
−20
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
25
0
−25
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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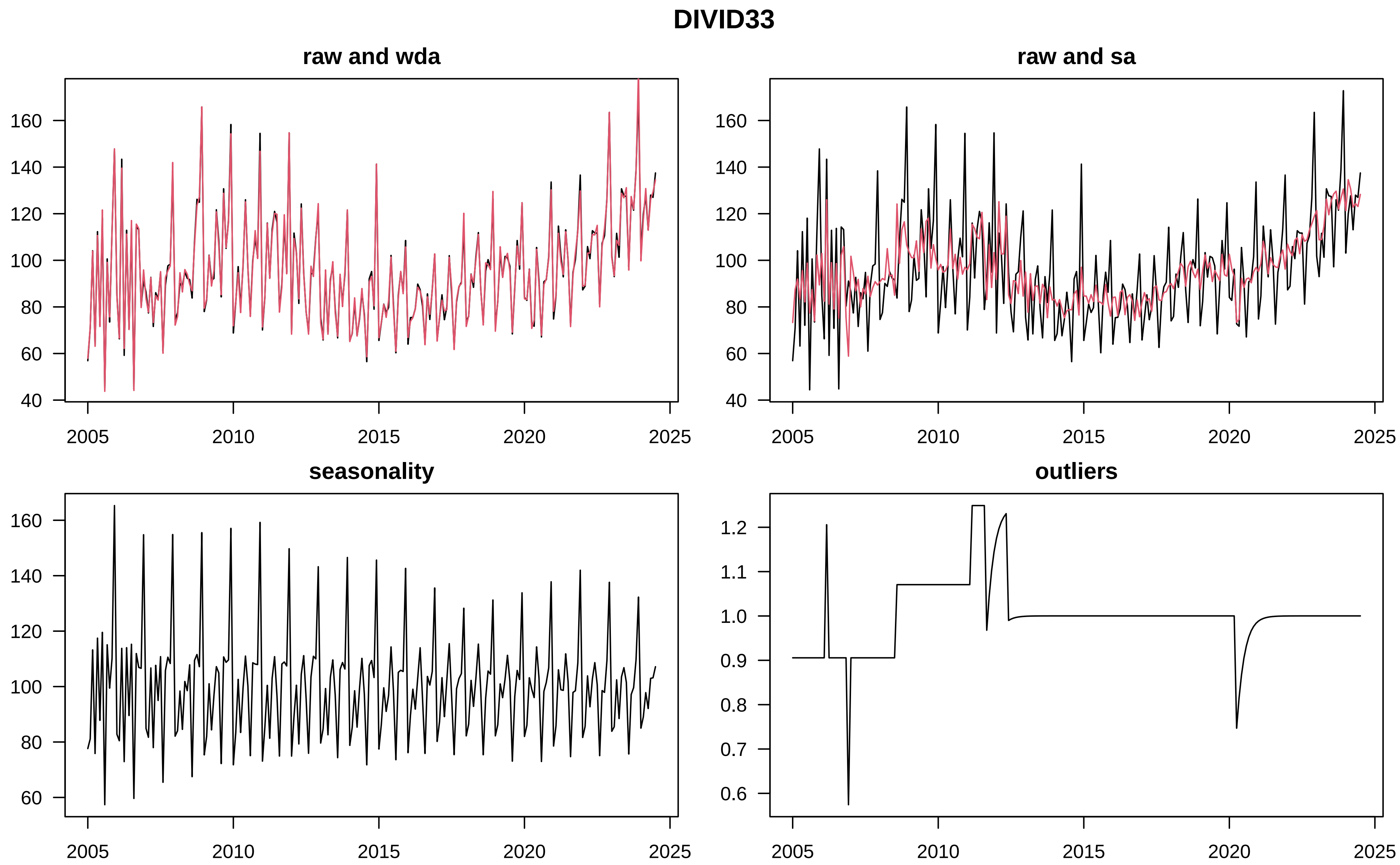
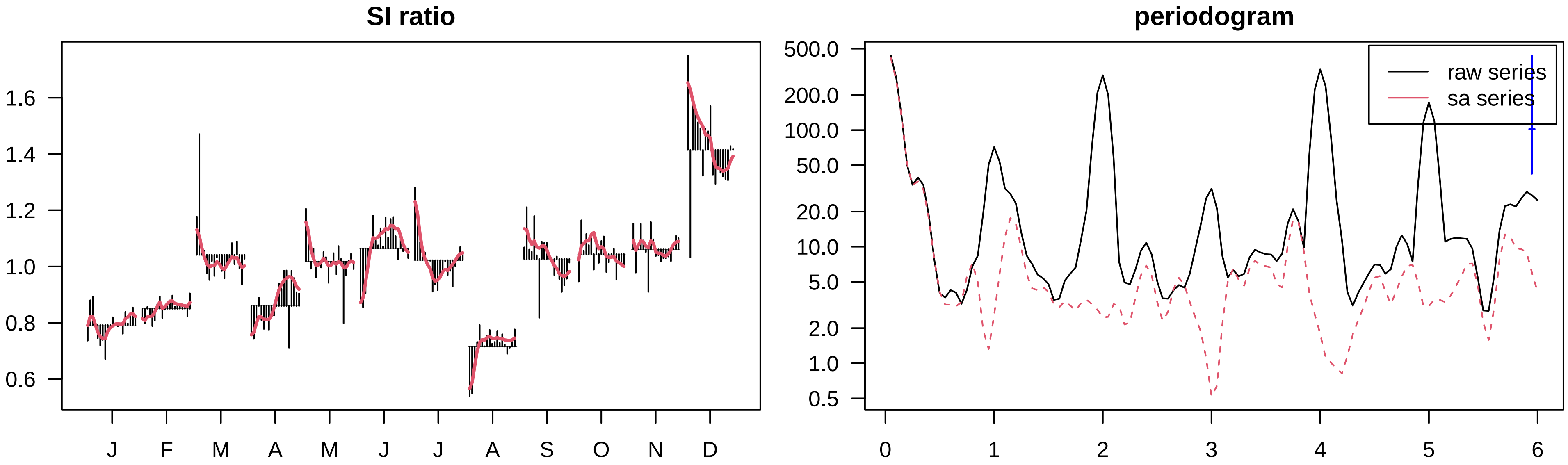
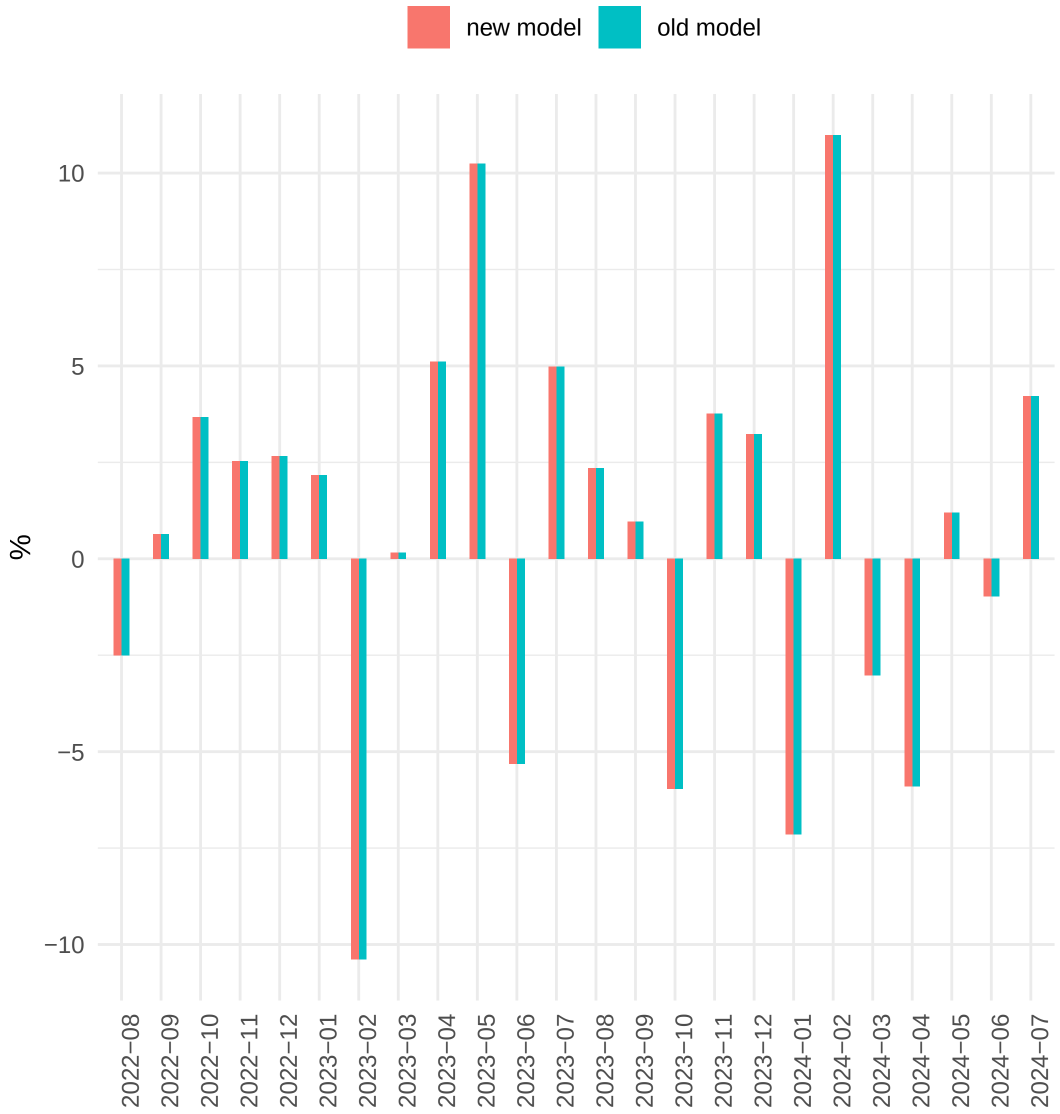
2024−04
2024−05
2024−06
2024−07


DIVID33
raw and wda
raw and sa
seasonality
outliers
40
60
80
100
120
140
160
0.6
0.7
0.8
0.9
1.0
1.1
1.2
2005
2010
2015
2020
2025

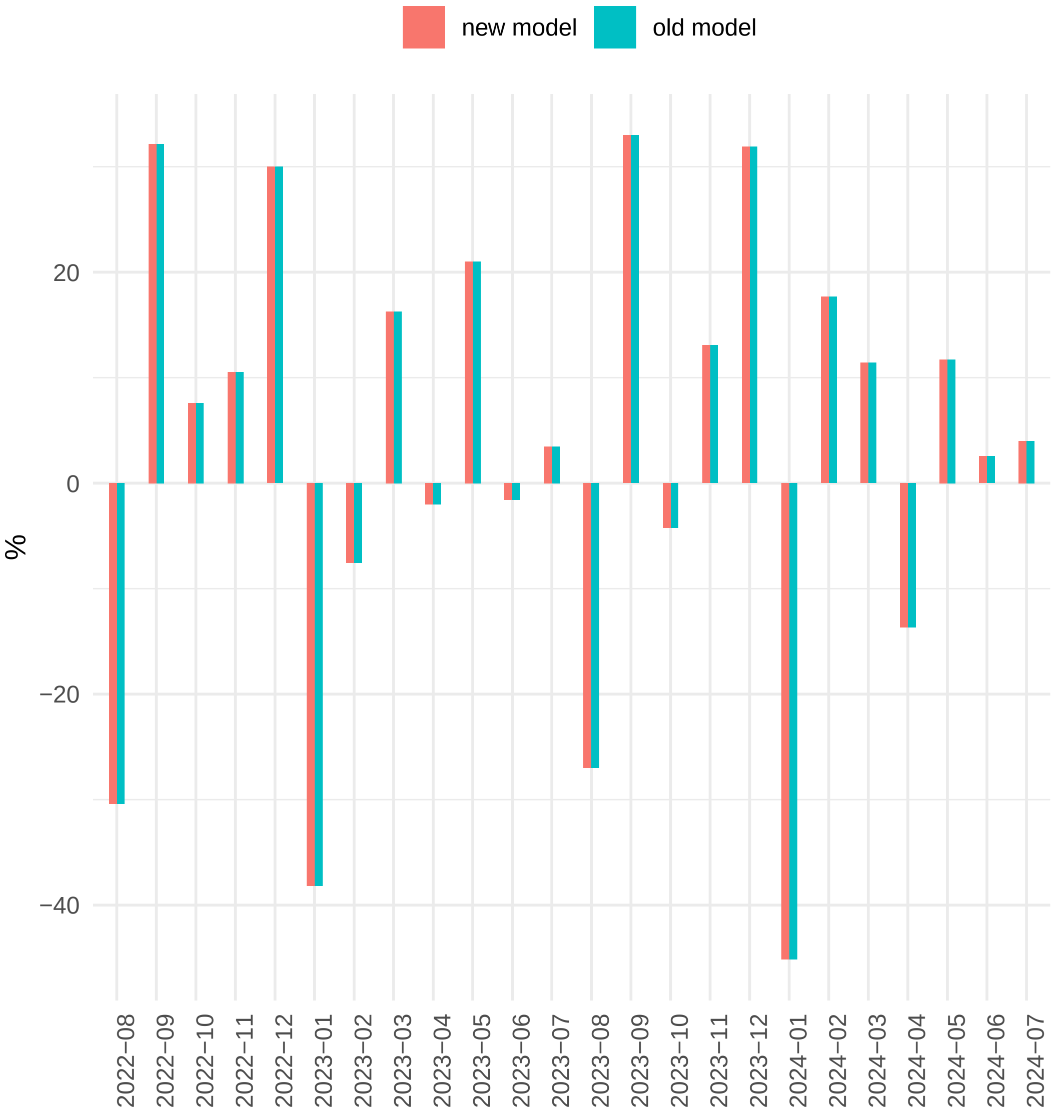
DIVID33


SI ratio
1.6
1.4
1.2
1.0
0.8
0.6
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0
1
2
3
4
5
6
raw series
sa series

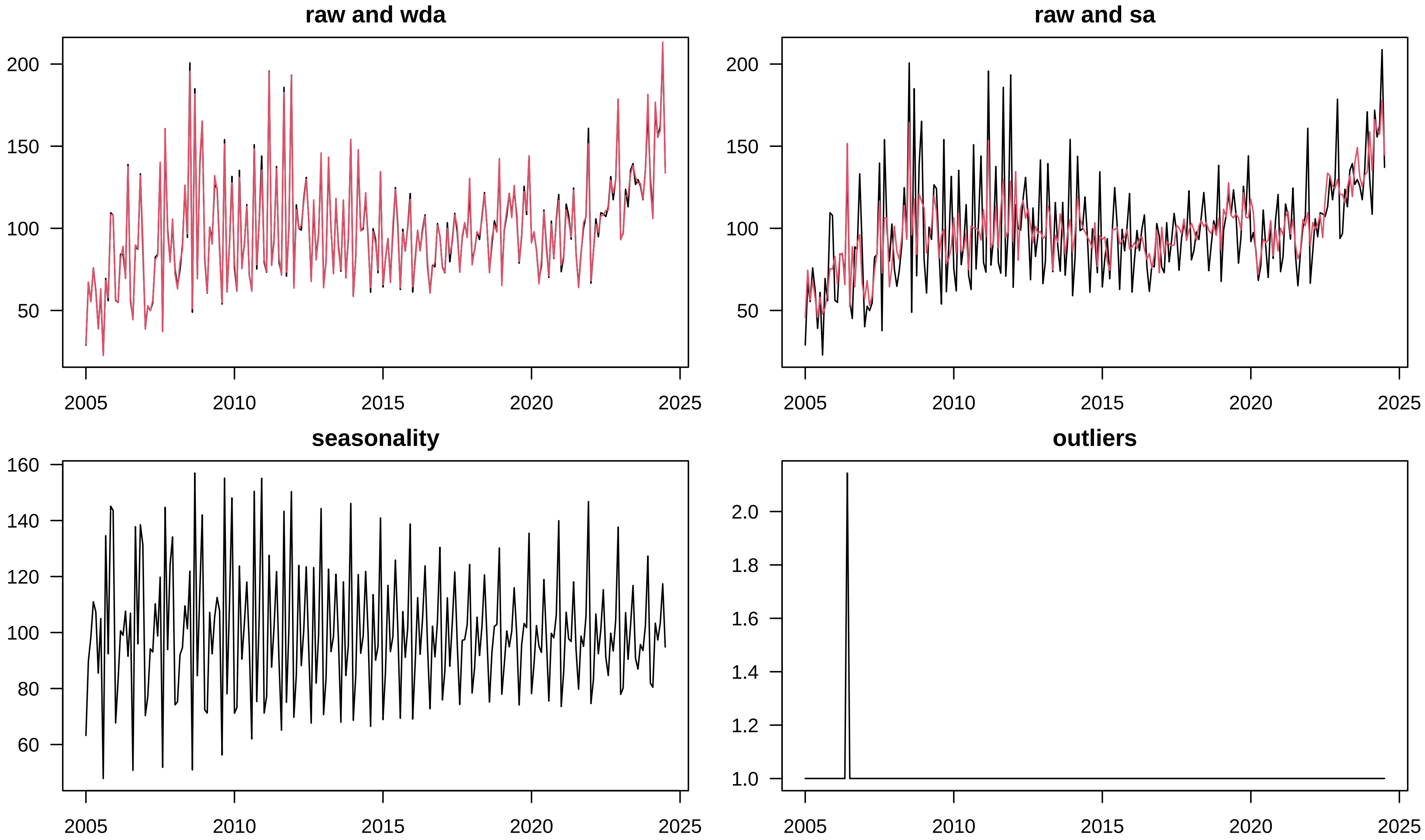
DIVID33



Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni



Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni



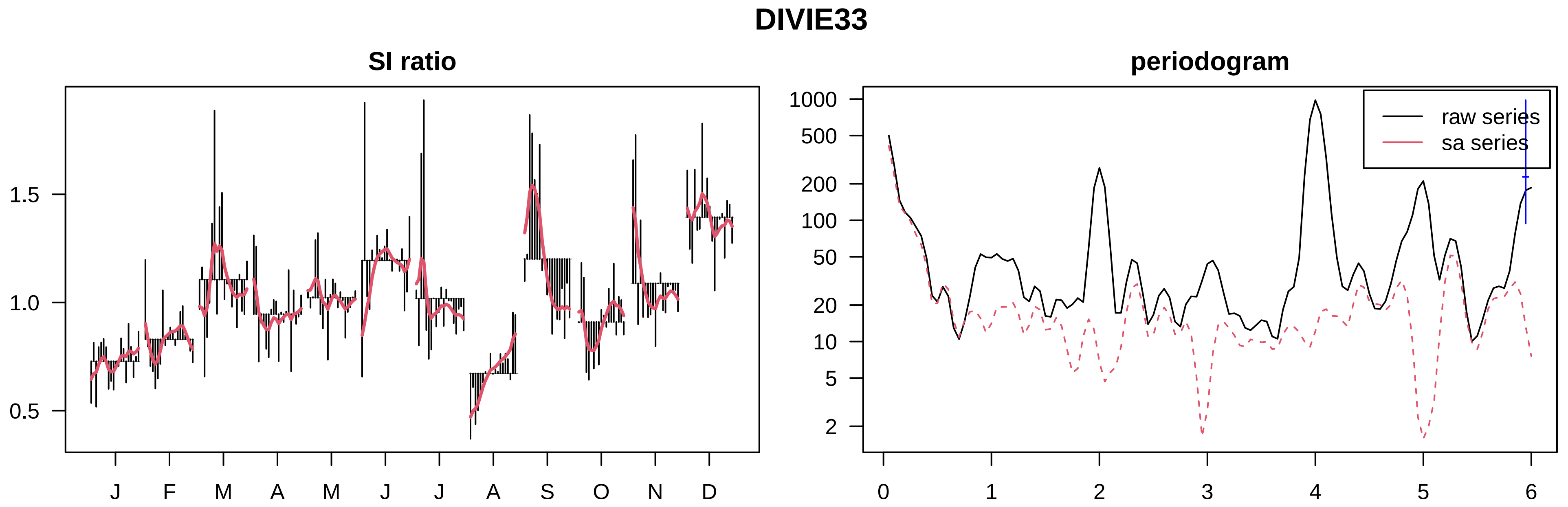
DIVIE33

raw and wda

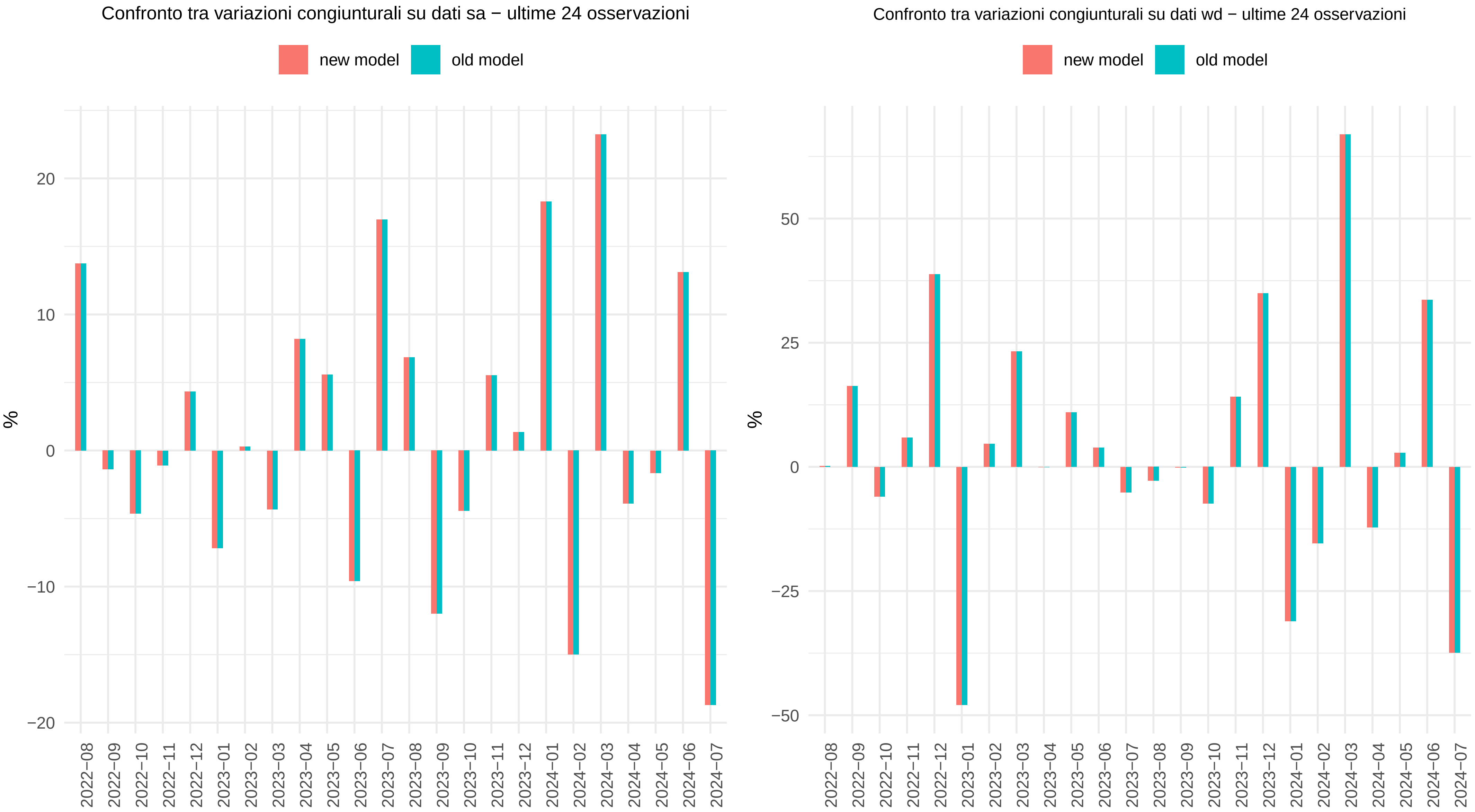
raw and sa

seasonality

outliers


DIVIE33
SI ratio
1.5
1.0
0.5
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1000
500
200
100
50
20
10
5
2
0
1
2
3
4
5
6
raw series
sa series

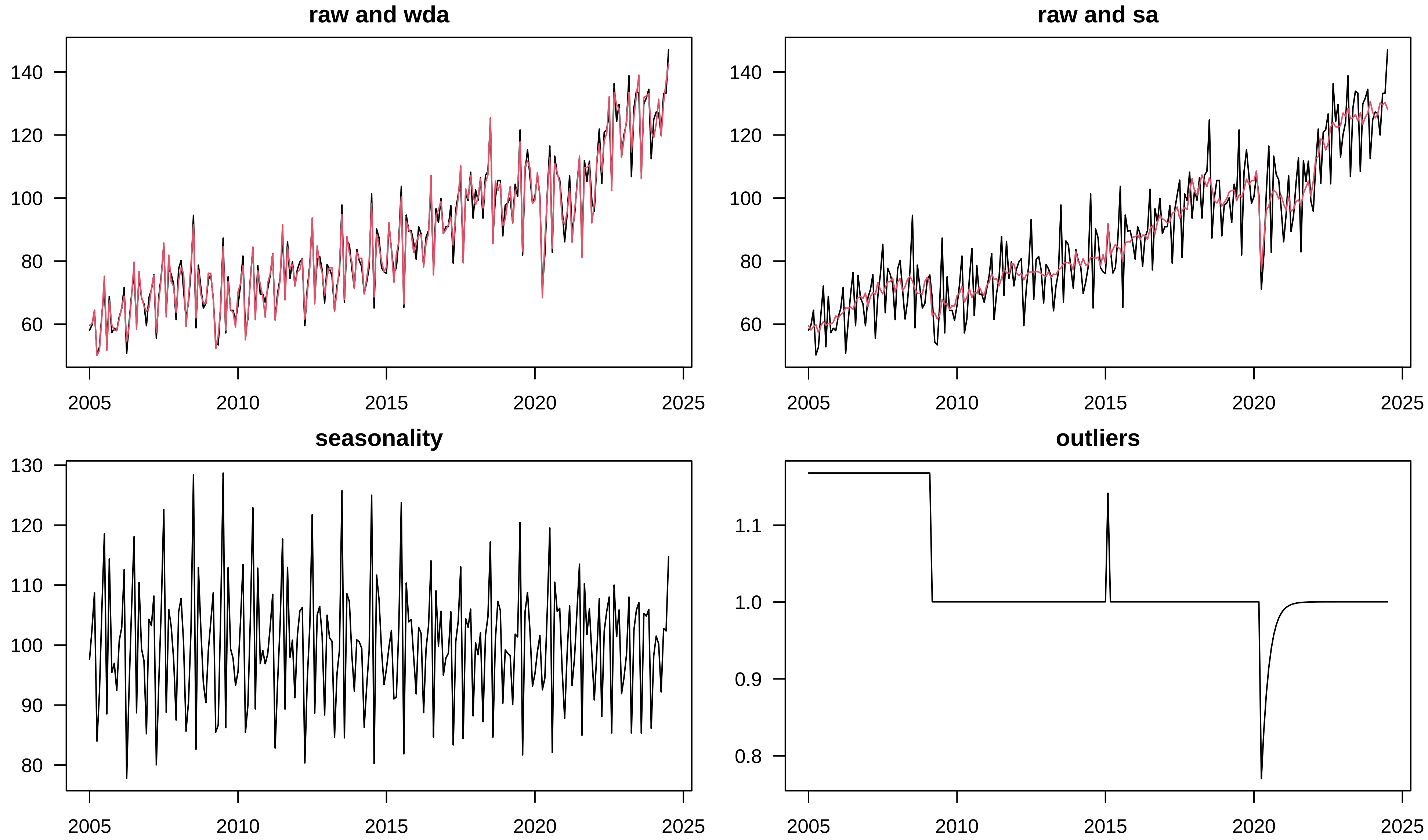
DIVIE33

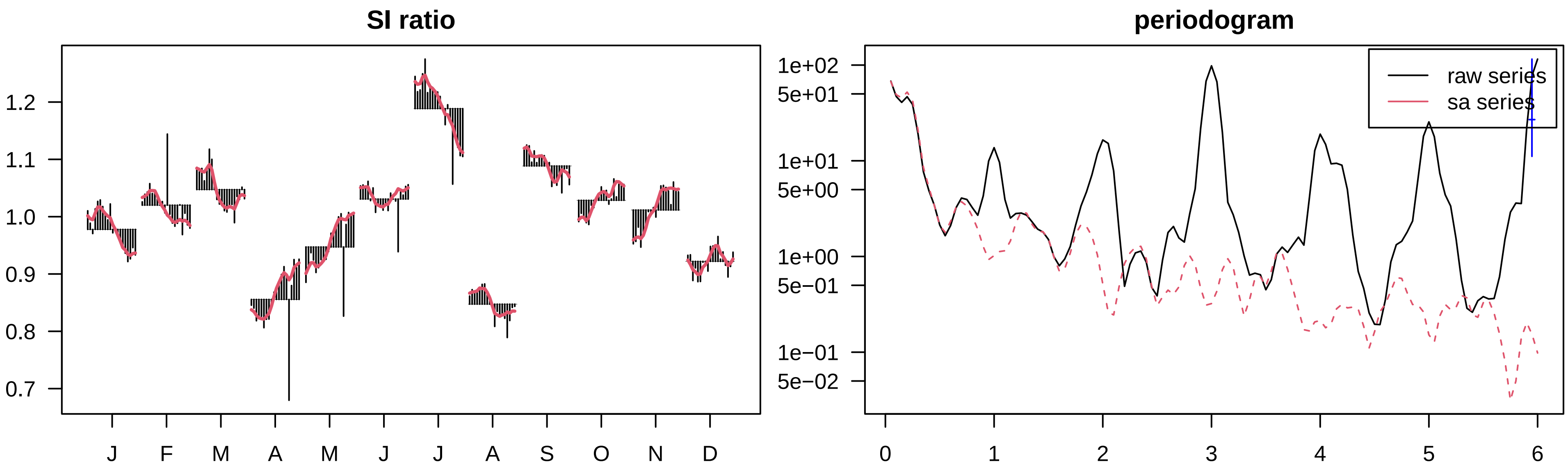


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

MIGSZ_1

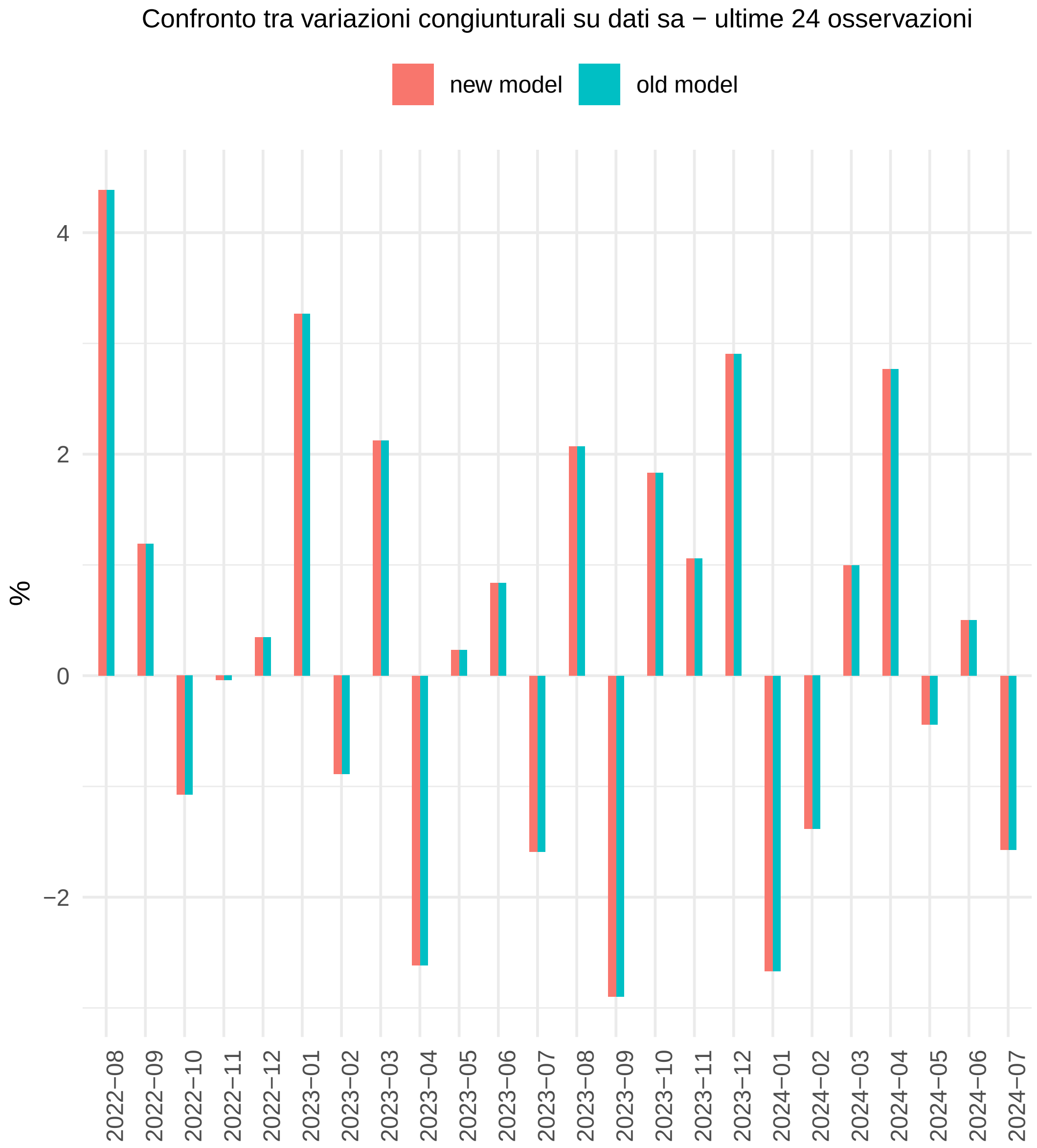

raw and wda
140
120
100
80
60
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
60
2005
2010
2015
2020
2025
seasonality
130
120
110
100
90
80
2005
2010
2015
2020
2025
outliers
1.1
1.0
0.9
0.8
2005
2010
2015
2020
2025

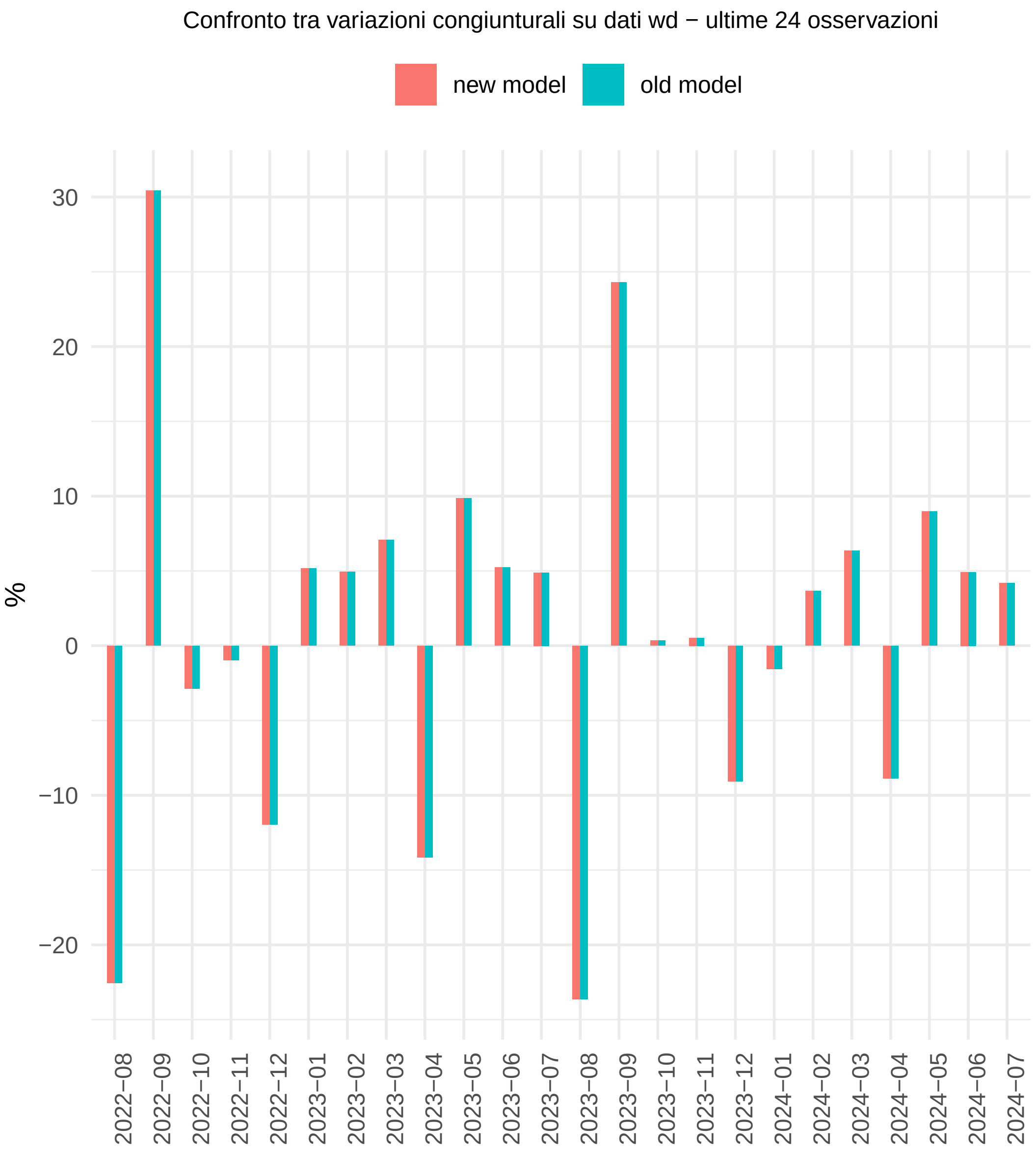


MIGSZ_1

SI ratio
1.2
1.1
1.0
0.9
0.8
0.7
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
1e−01
5e−02
0
1
2
3
4
5
6
raw series
sa series

MIGSZ_1


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
4
2
0
−2
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
30
20
10
0
−10
−20
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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2023−12
2024−01
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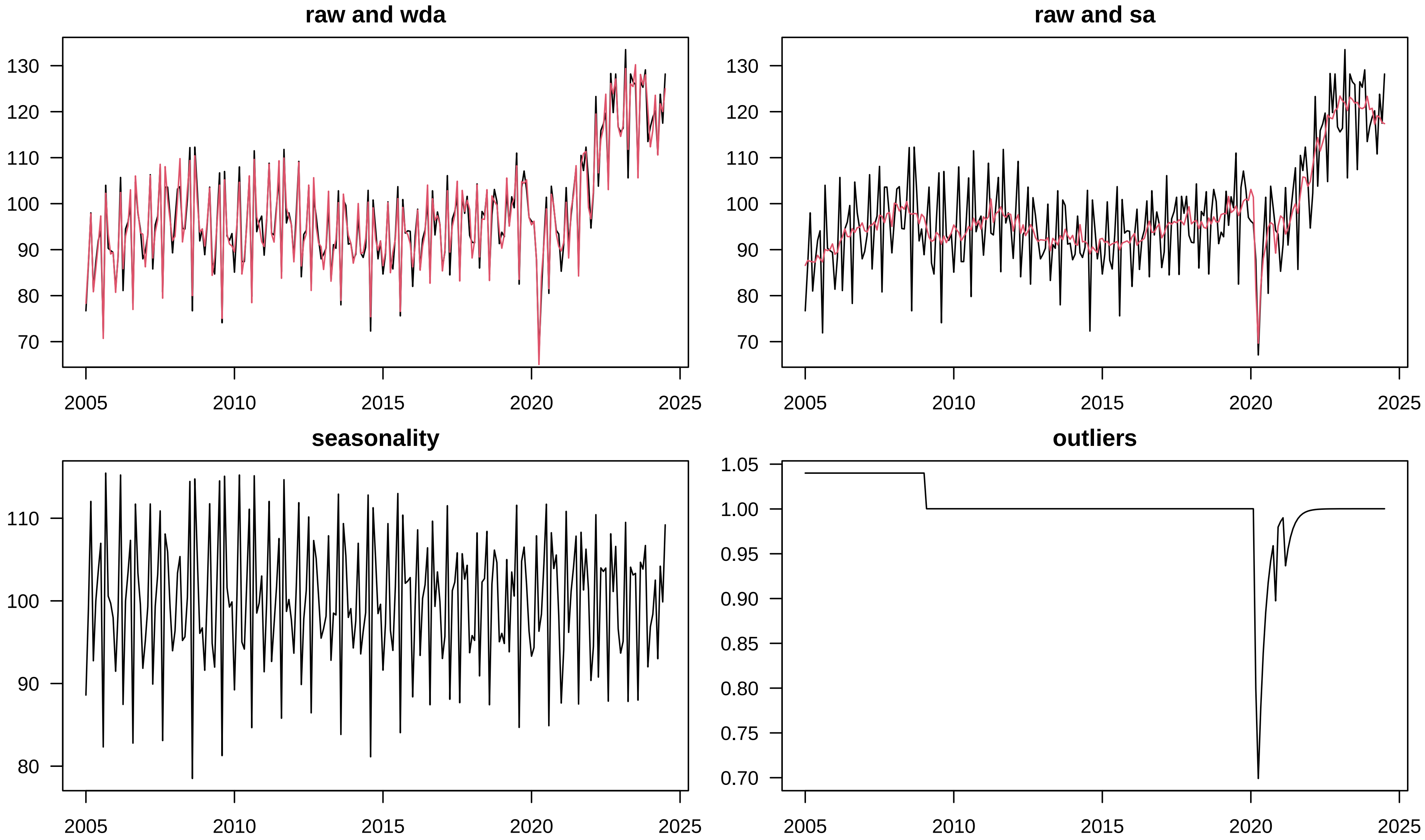
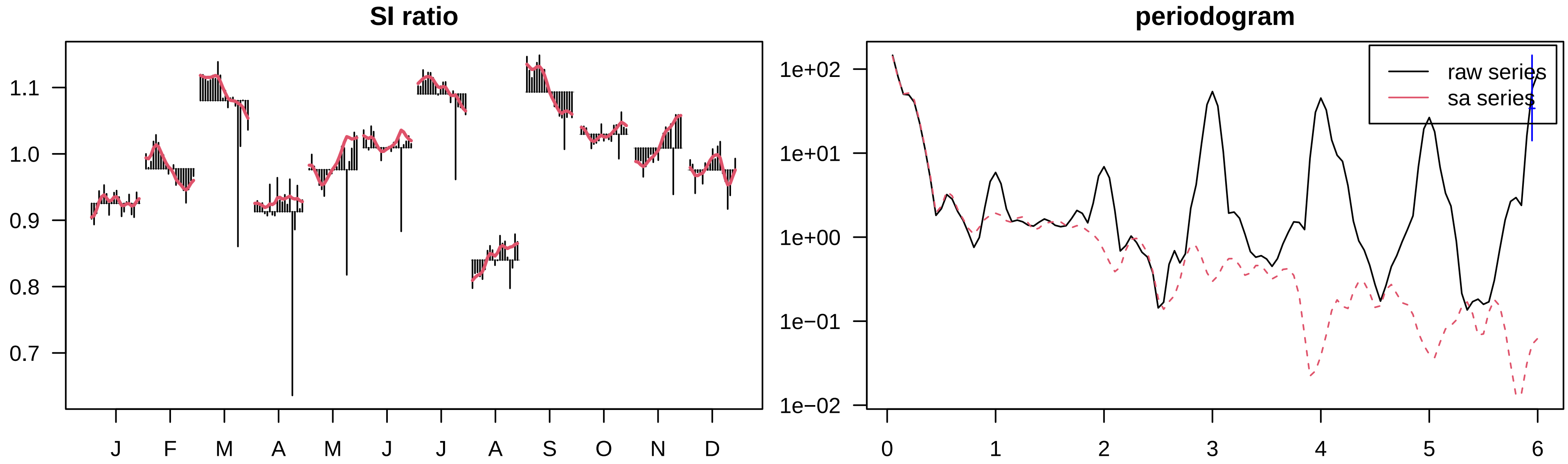
2024−04
2024−05
2024−06
2024−07



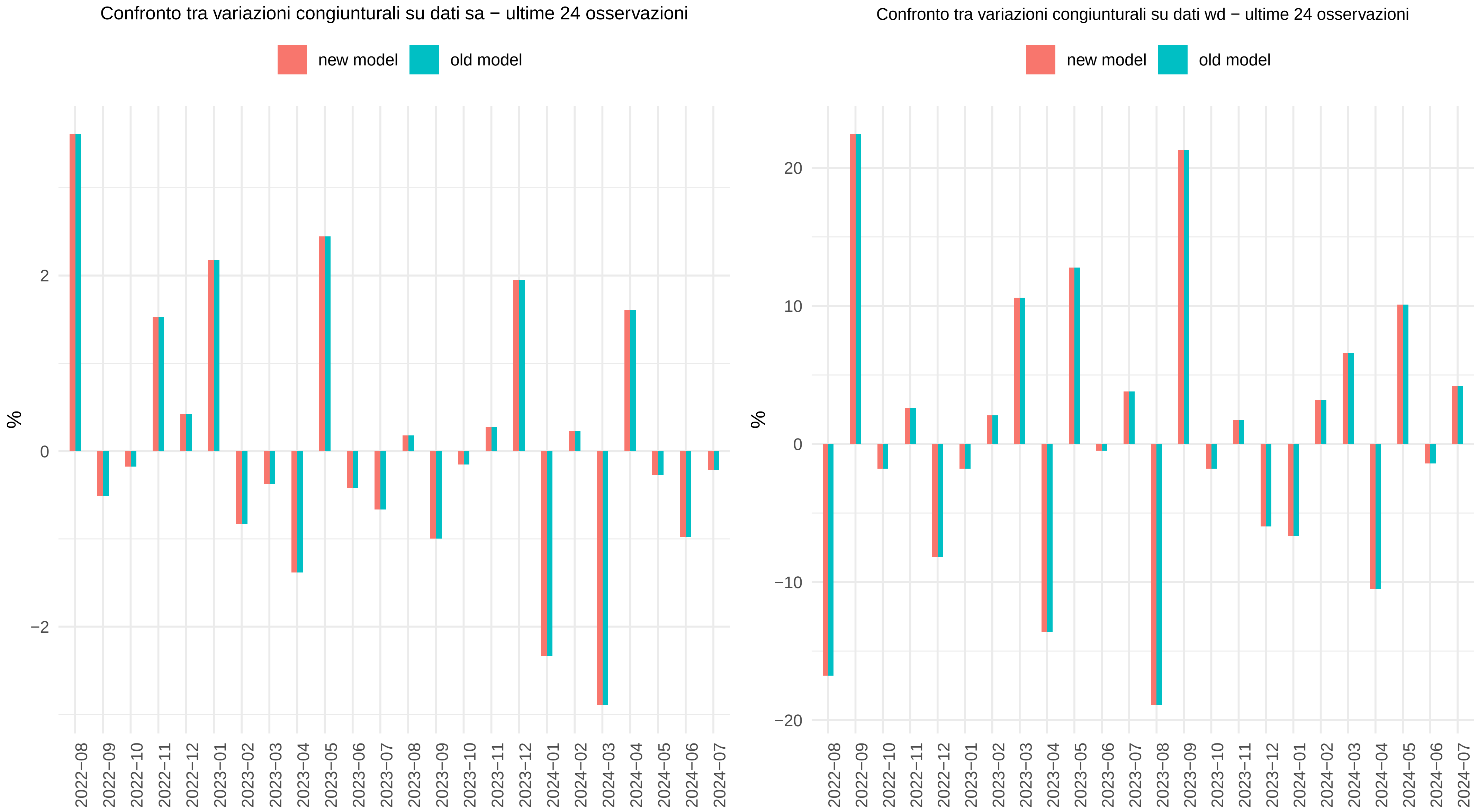
NONDUNAZ

raw and wda
raw and sa
seasonality
outliers
130
120
110
100
90
80
70
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
2005
2010
2015
2020
2025

NONDUNAZ


SI ratio
1.1
1.0
0.9
0.8
0.7
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+02
1e+01
1e+00
1e−01
1e−02
0
1
2
3
4
5
6
raw series
sa series

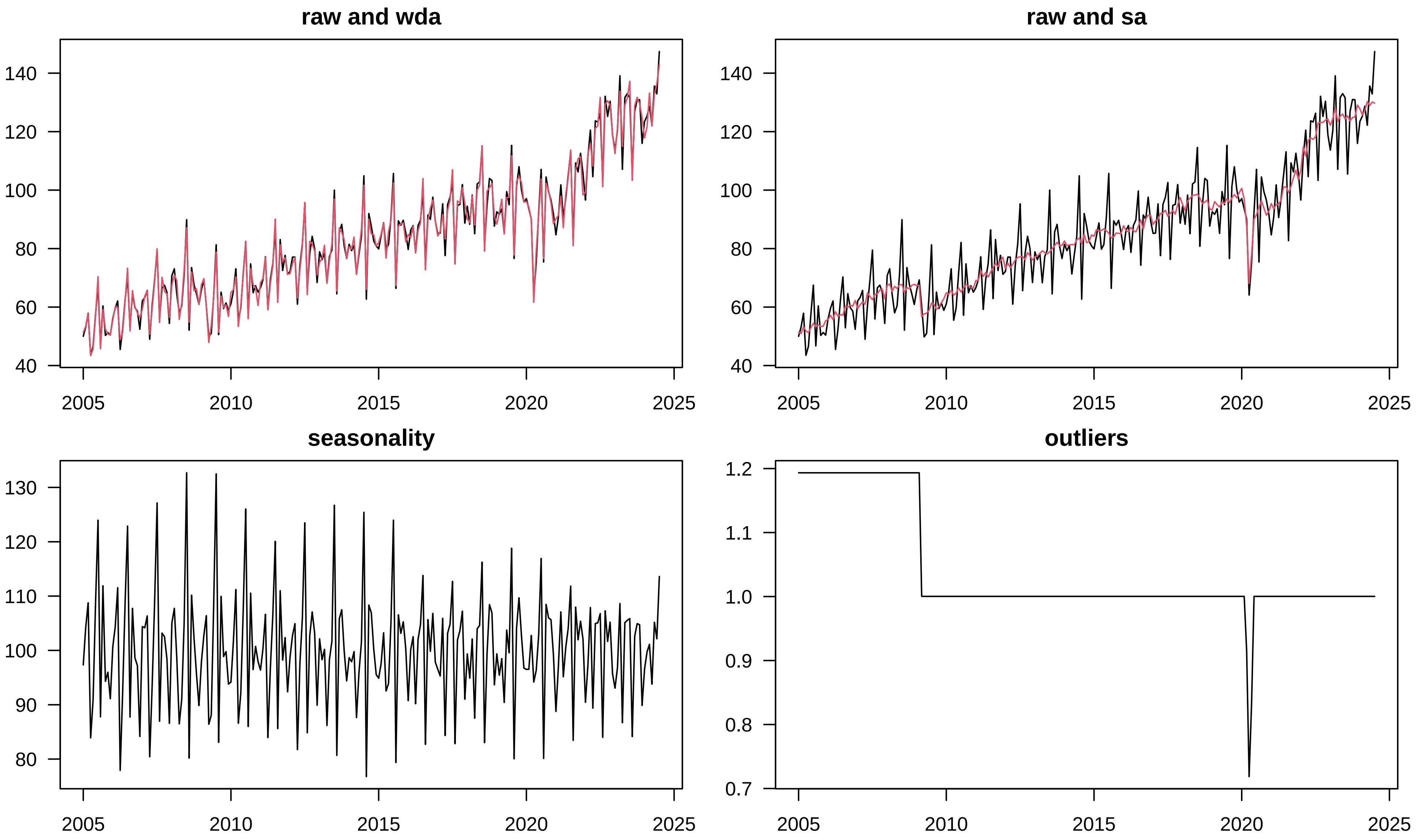
NONDUNAZ



Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

NONDUEST

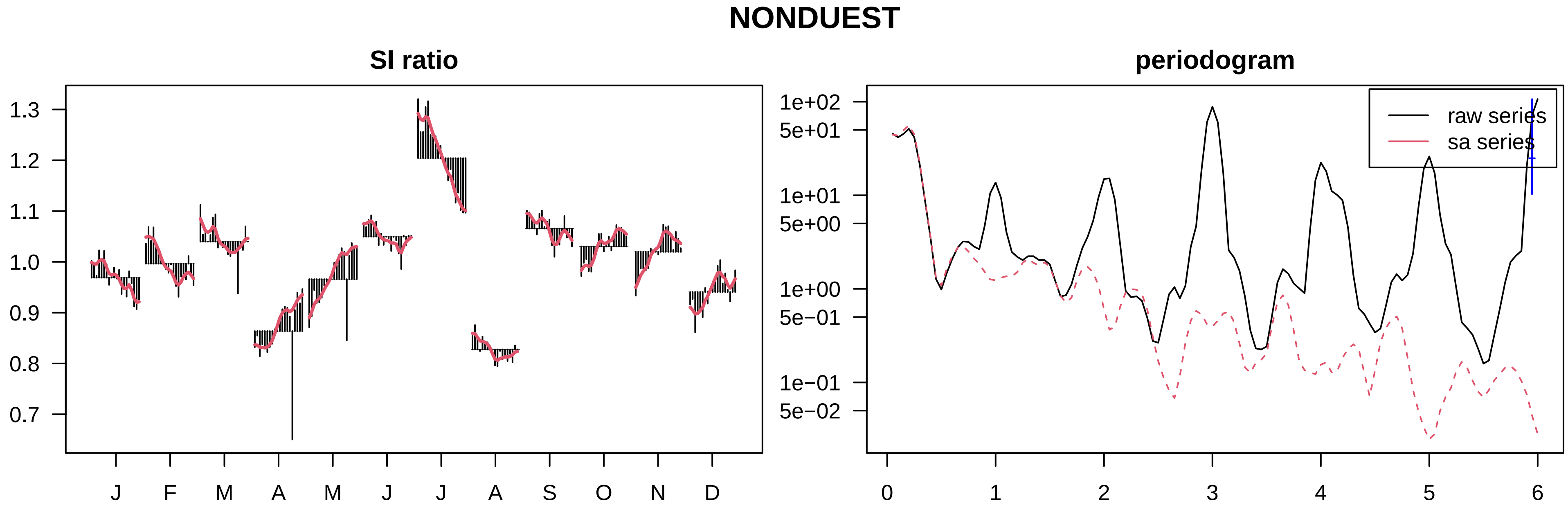


raw and wda

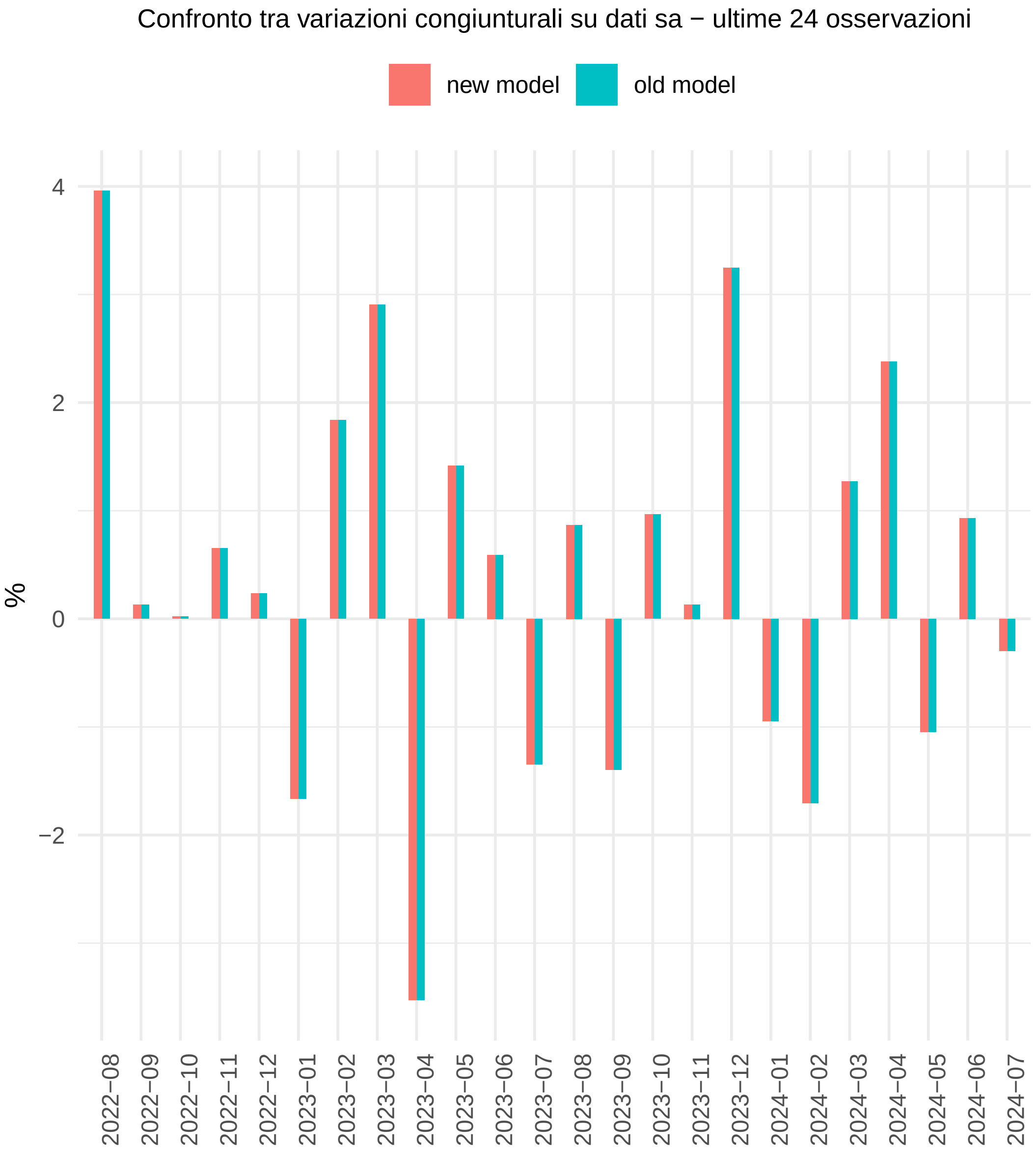
raw and sa

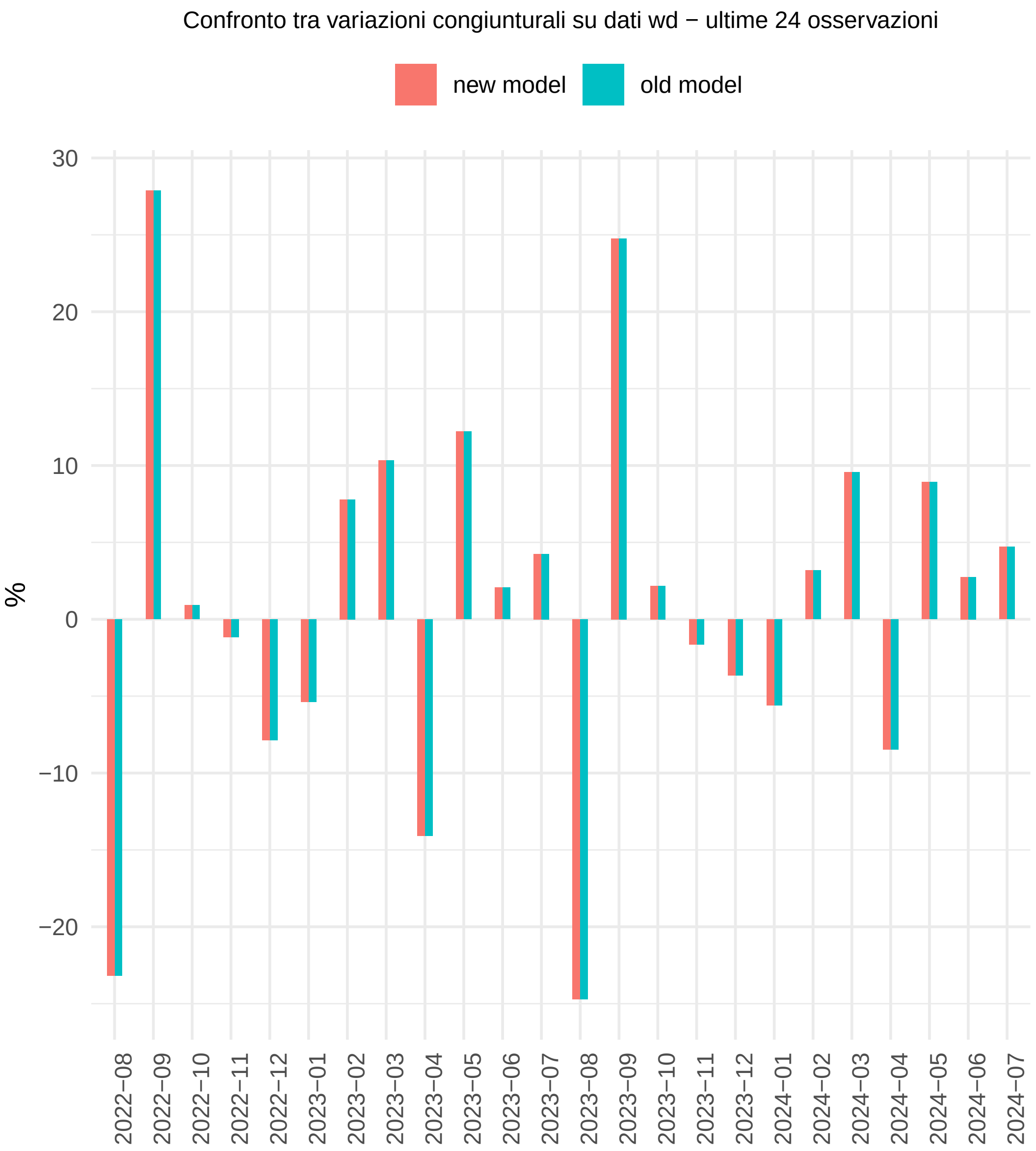
seasonality

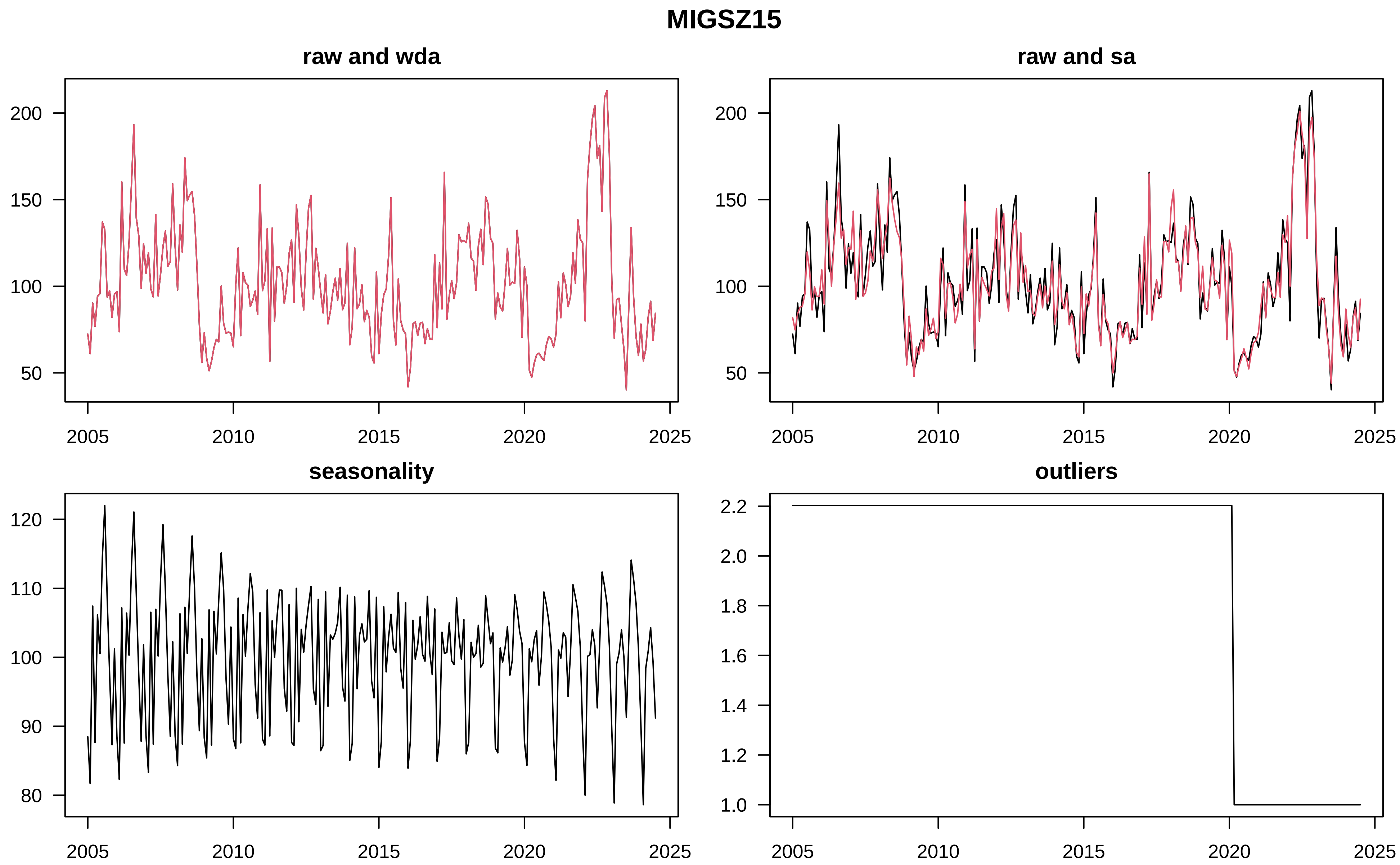
outliers


NONDUEST
SI ratio
1.3
1.2
1.1
1.0
0.9
0.8
0.7
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
1e−01
5e−02
0
1
2
3
4
5
6
raw series
sa series

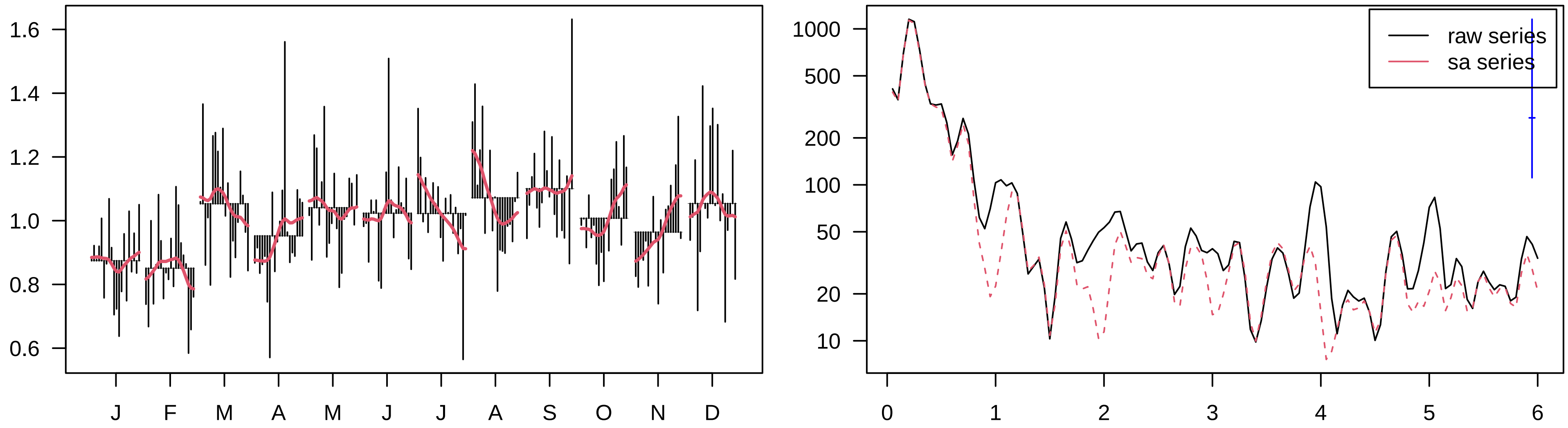
NONDUEST


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
4
2
0
−2
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
30
20
10
0
−10
−20
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


MIGSZ15
raw and wda
200
150
100
50
2005
2010
2015
2020
2025
raw and sa
200
150
100
50
2005
2010
2015
2020
2025
seasonality
120
110
100
90
80
2005
2010
2015
2020
2025
outliers
2.2
2.0
1.8
1.6
1.4
1.2
1.0
2005
2010
2015
2020
2025

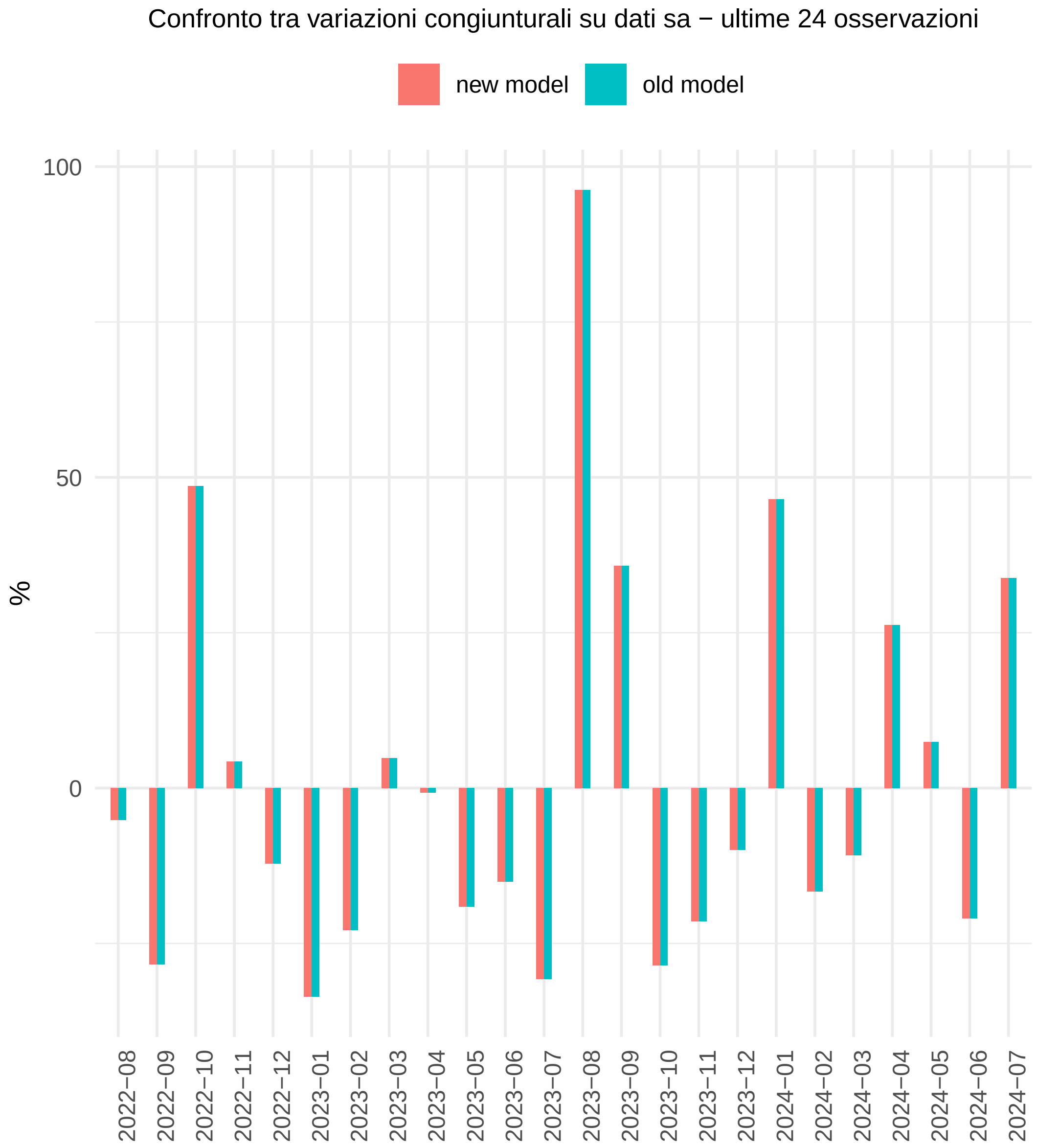
MIGSZ15



SI ratio

periodogram

MIGSZ15


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
100
50
0
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
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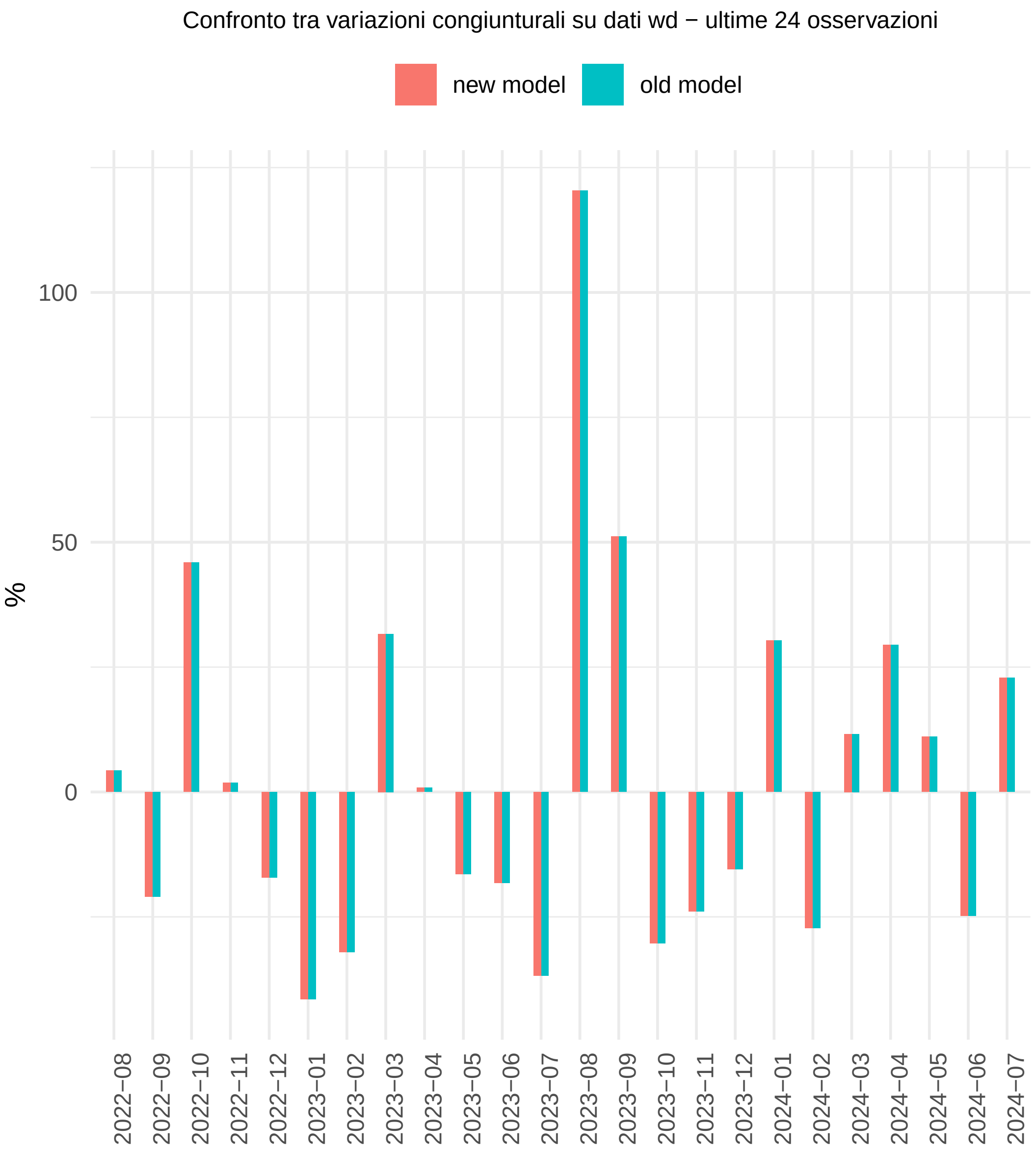
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
100
50
0
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
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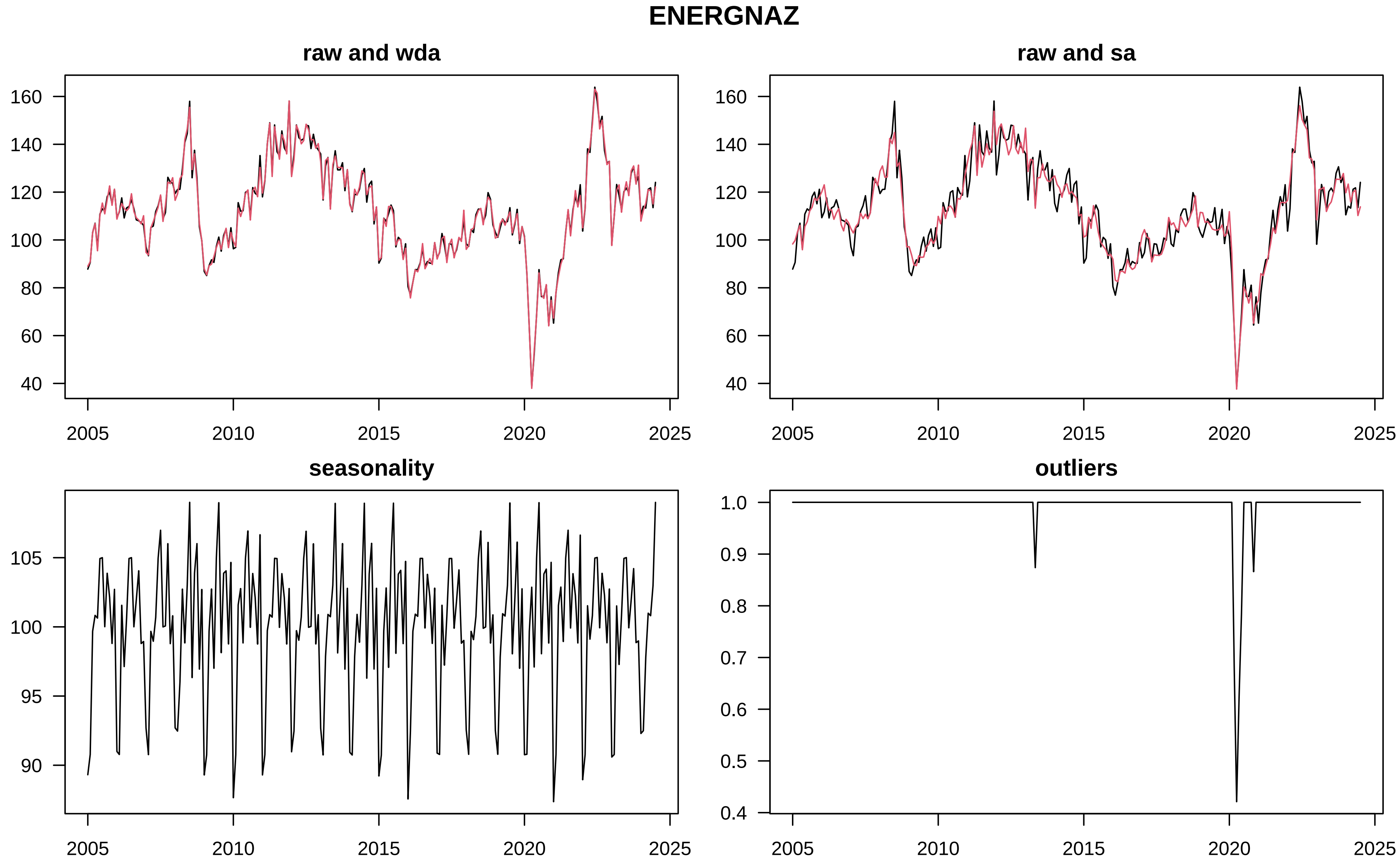
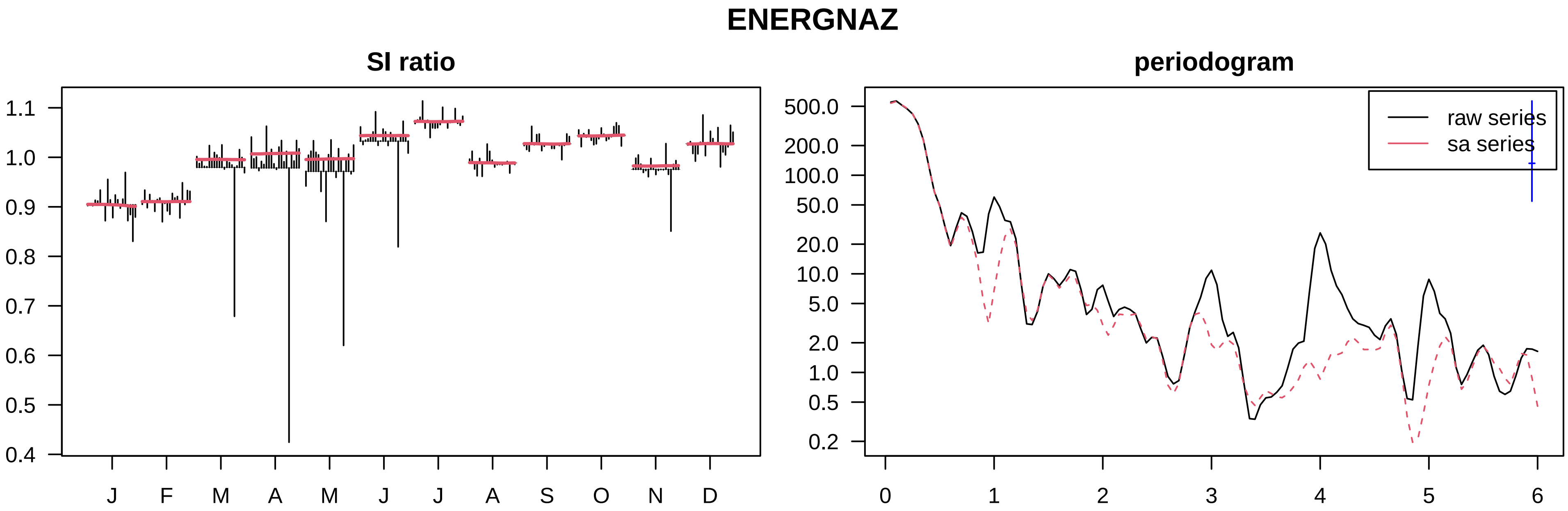
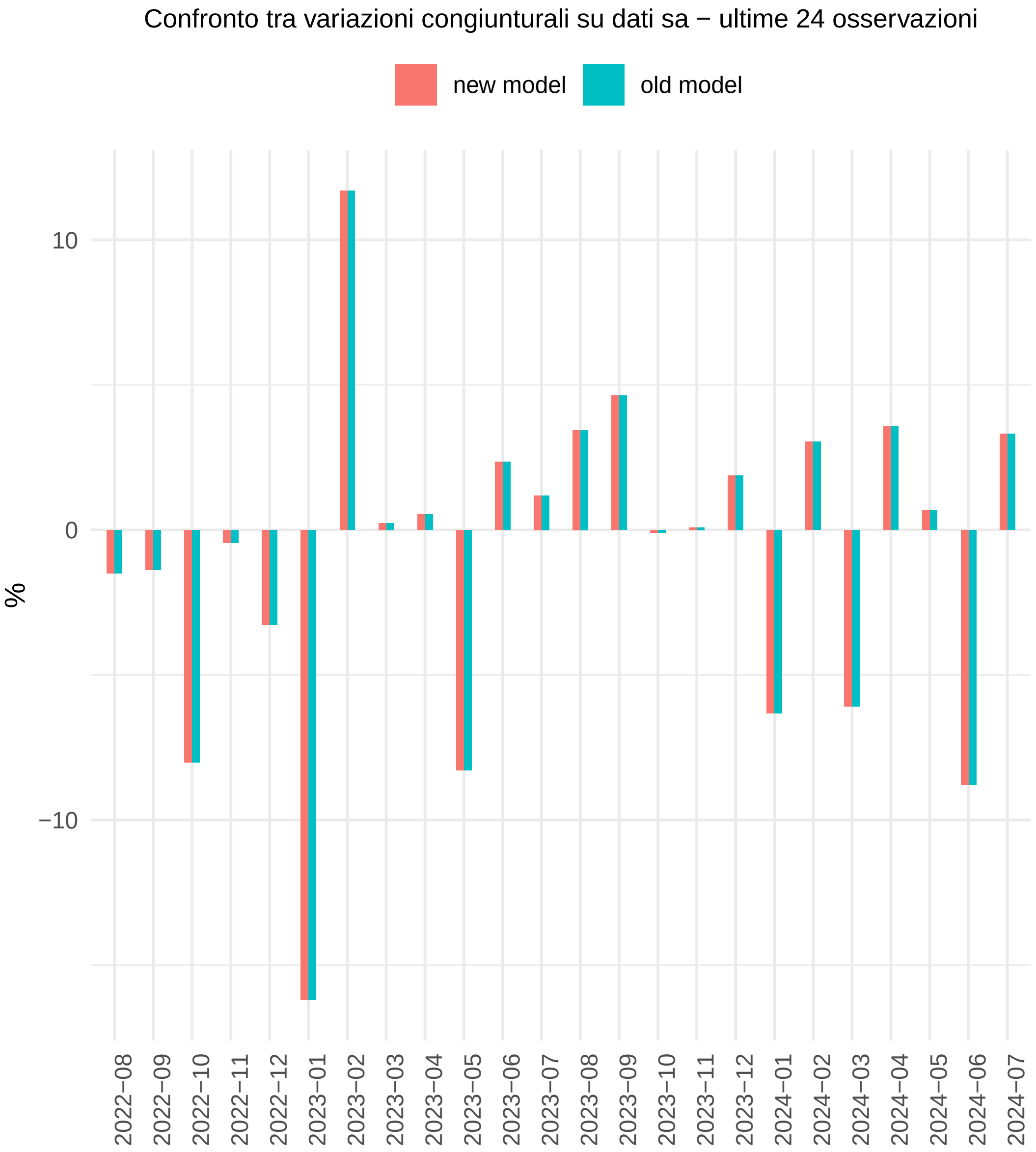
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


ENERGNAZ
raw and wda
160
140
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
160
140
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
105
100
95
90
2005
2010
2015
2020
2025
outliers
1.0
0.9
0.8
0.7
0.6
0.5
0.4
2005
2010
2015
2020
2025


ENERGNAZ
SI ratio
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
500.0
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0.2
0
1
2
3
4
5
6
raw series
sa series

ENERGNAZ


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
10
0
−10
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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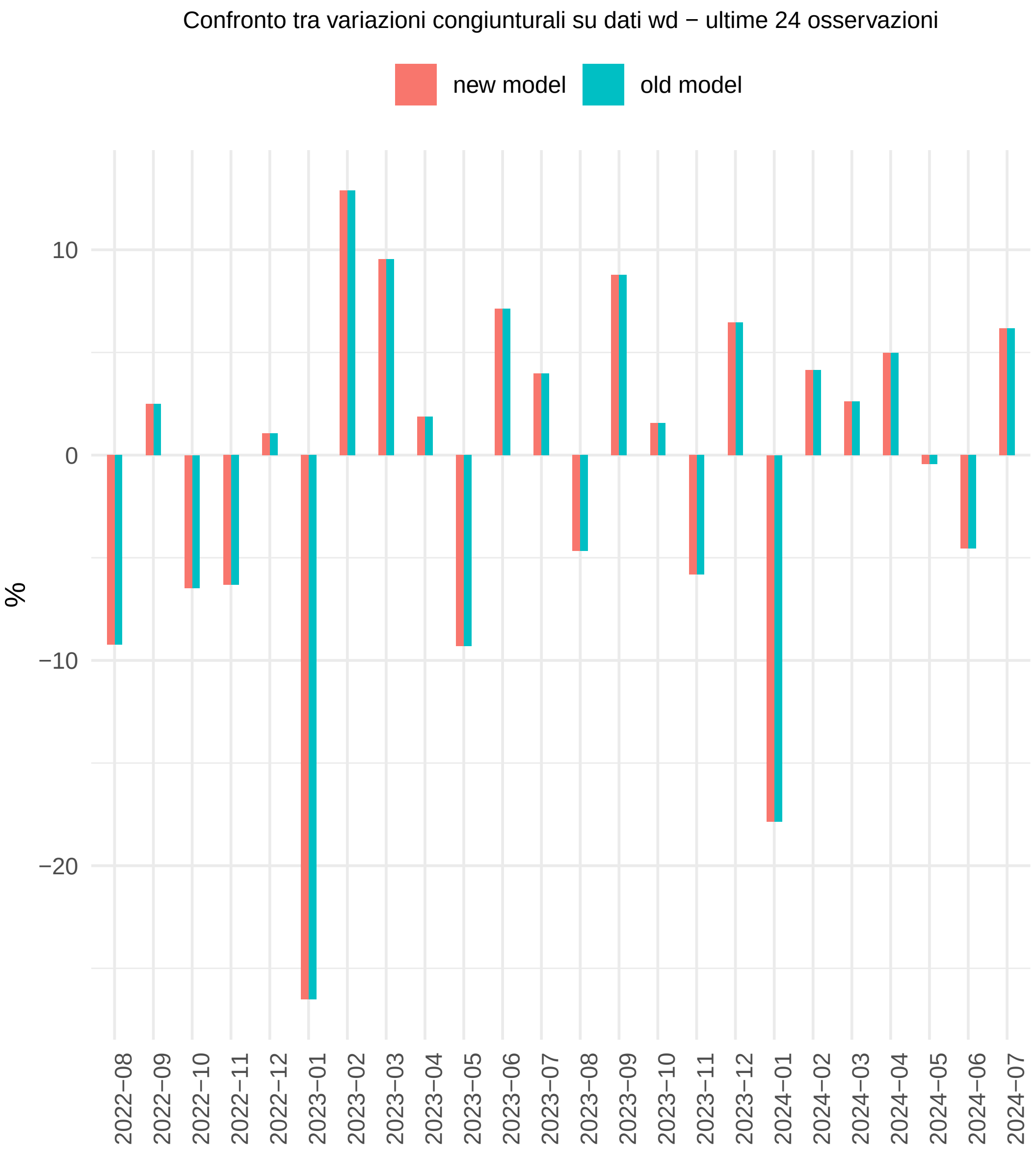
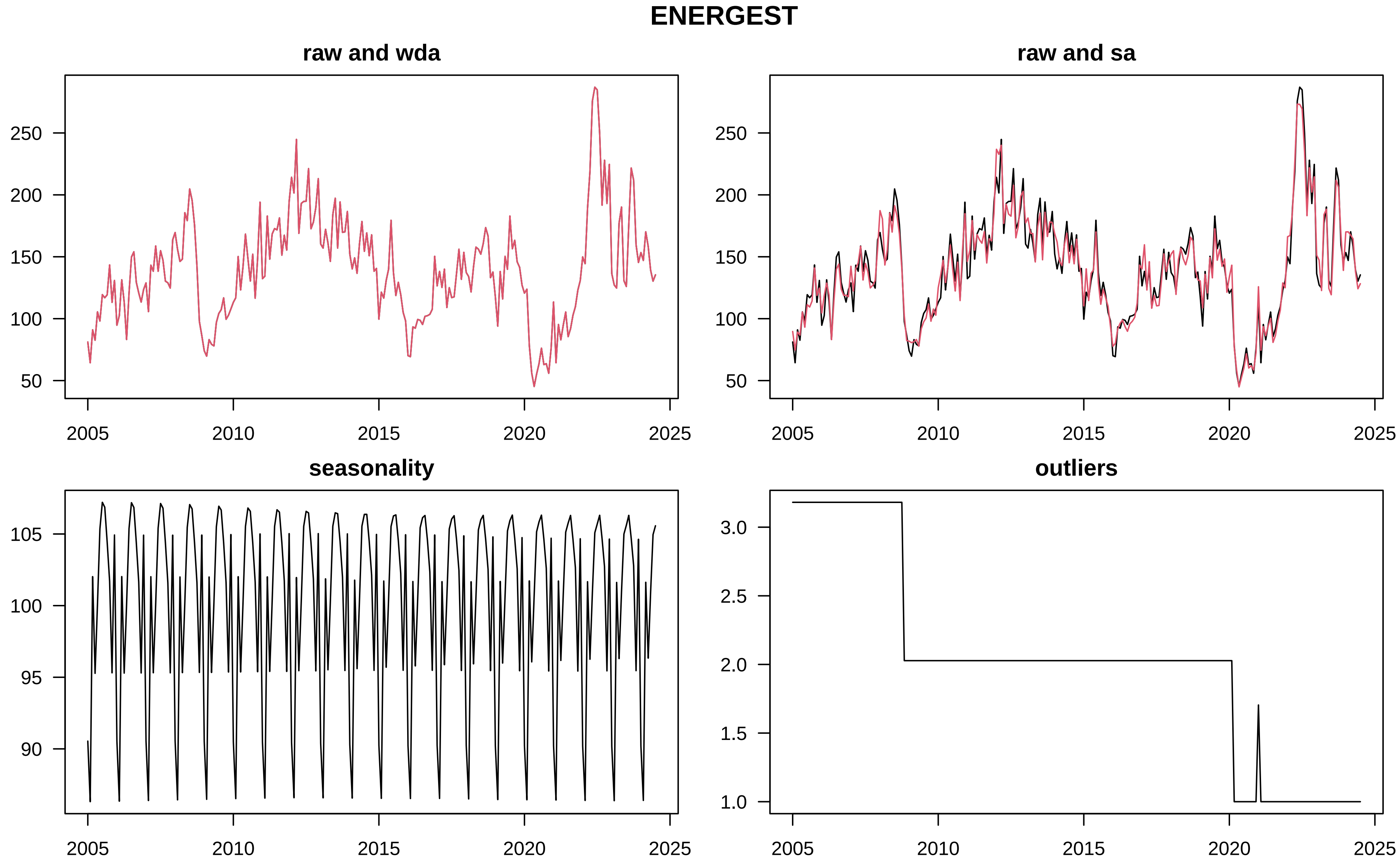
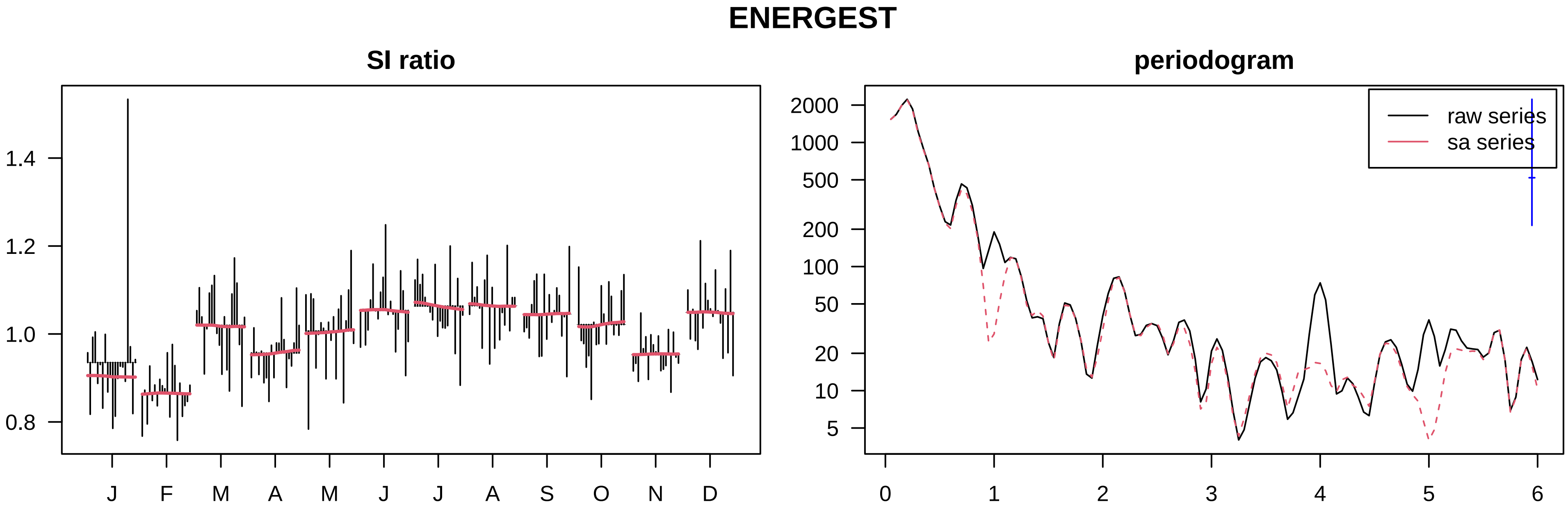
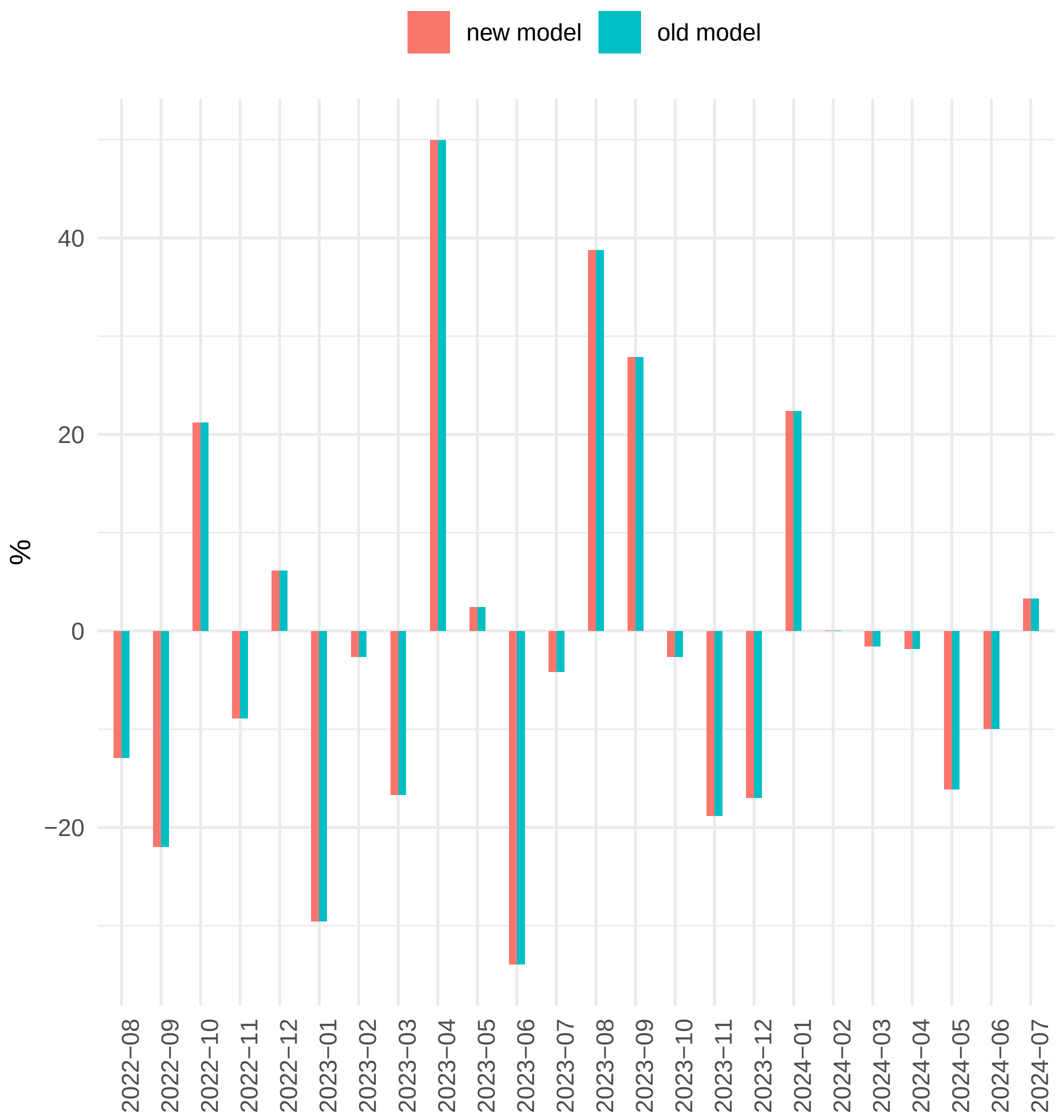
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
10
0
−10
−20
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

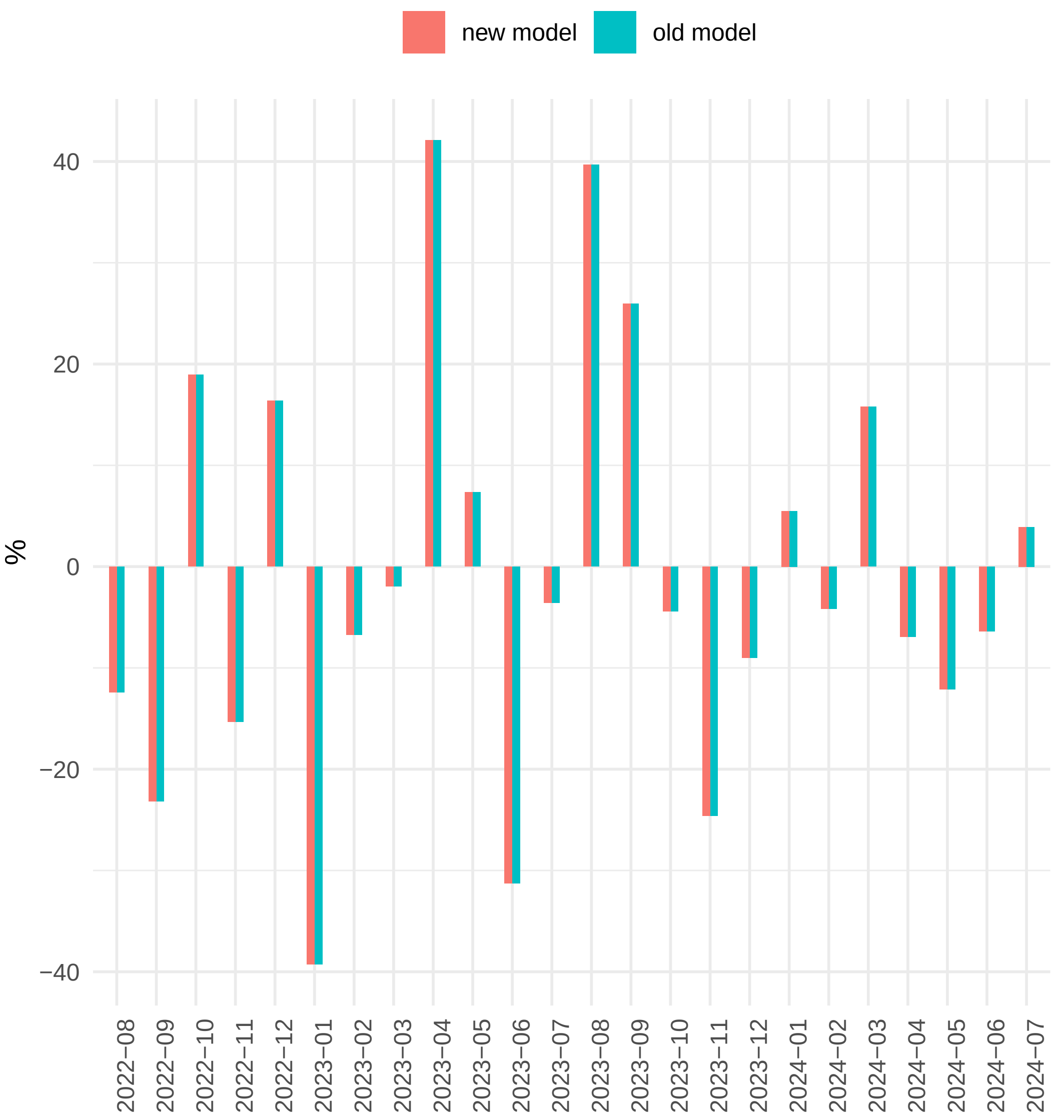

ENERGEST
raw and wda
250
200
150
100
50
2005
2010
2015
2020
2025
raw and sa
250
200
150
100
50
2005
2010
2015
2020
2025
seasonality
105
100
95
90
2005
2010
2015
2020
2025
outliers
3.0
2.5
2.0
1.5
1.0
2005
2010
2015
2020
2025


ENERGEST
SI ratio
1.4
1.2
1.0
0.8
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
2000
1000
500
200
100
50
20
10
5
0
1
2
3
4
5
6
raw series
sa series

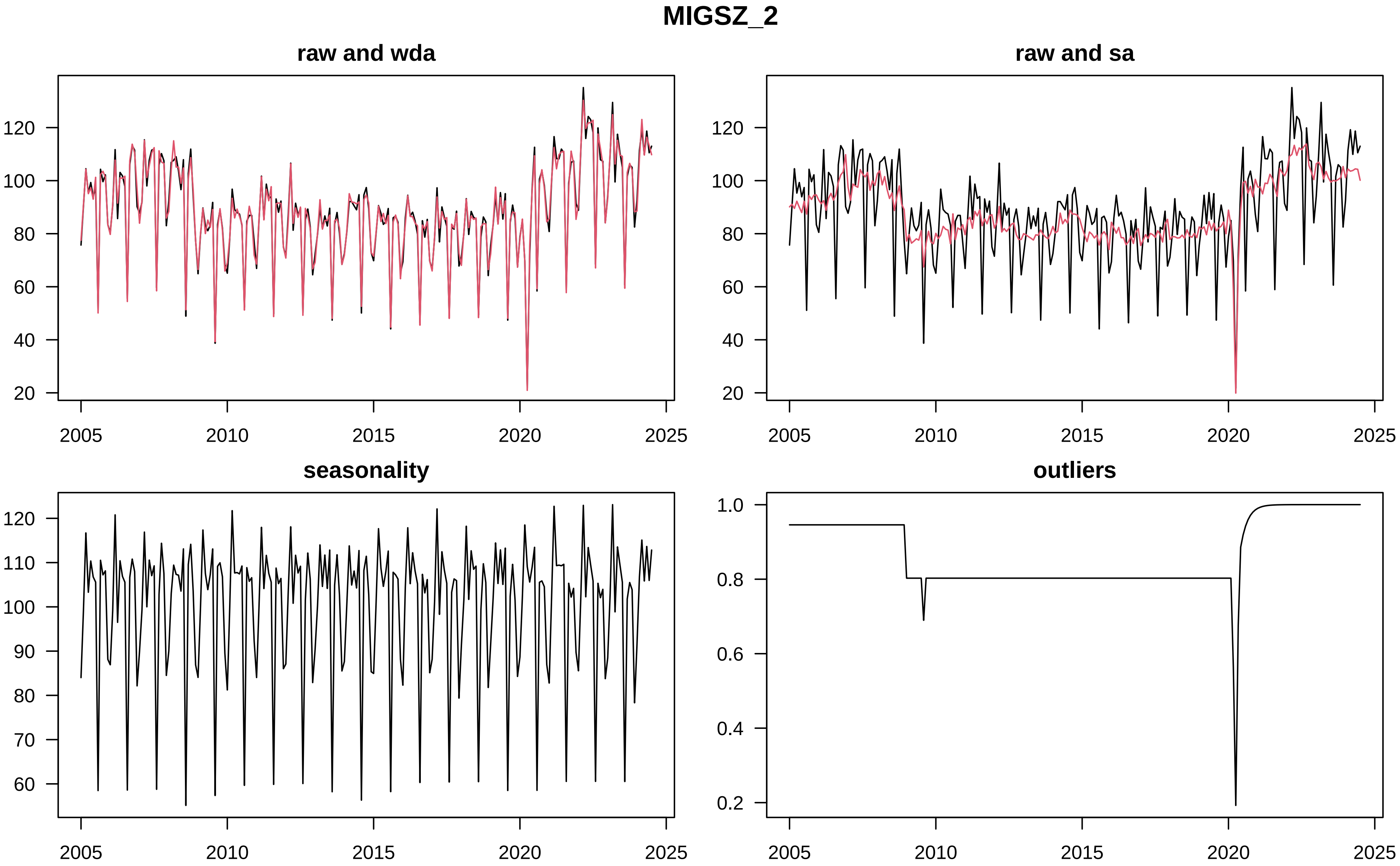
ENERGEST



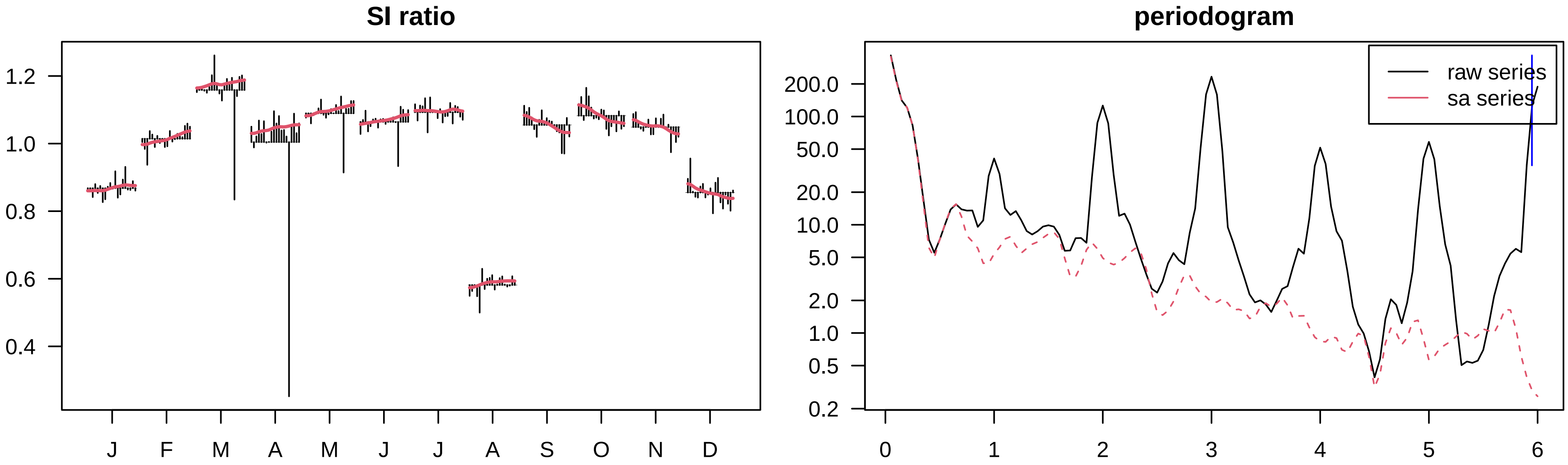
Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni



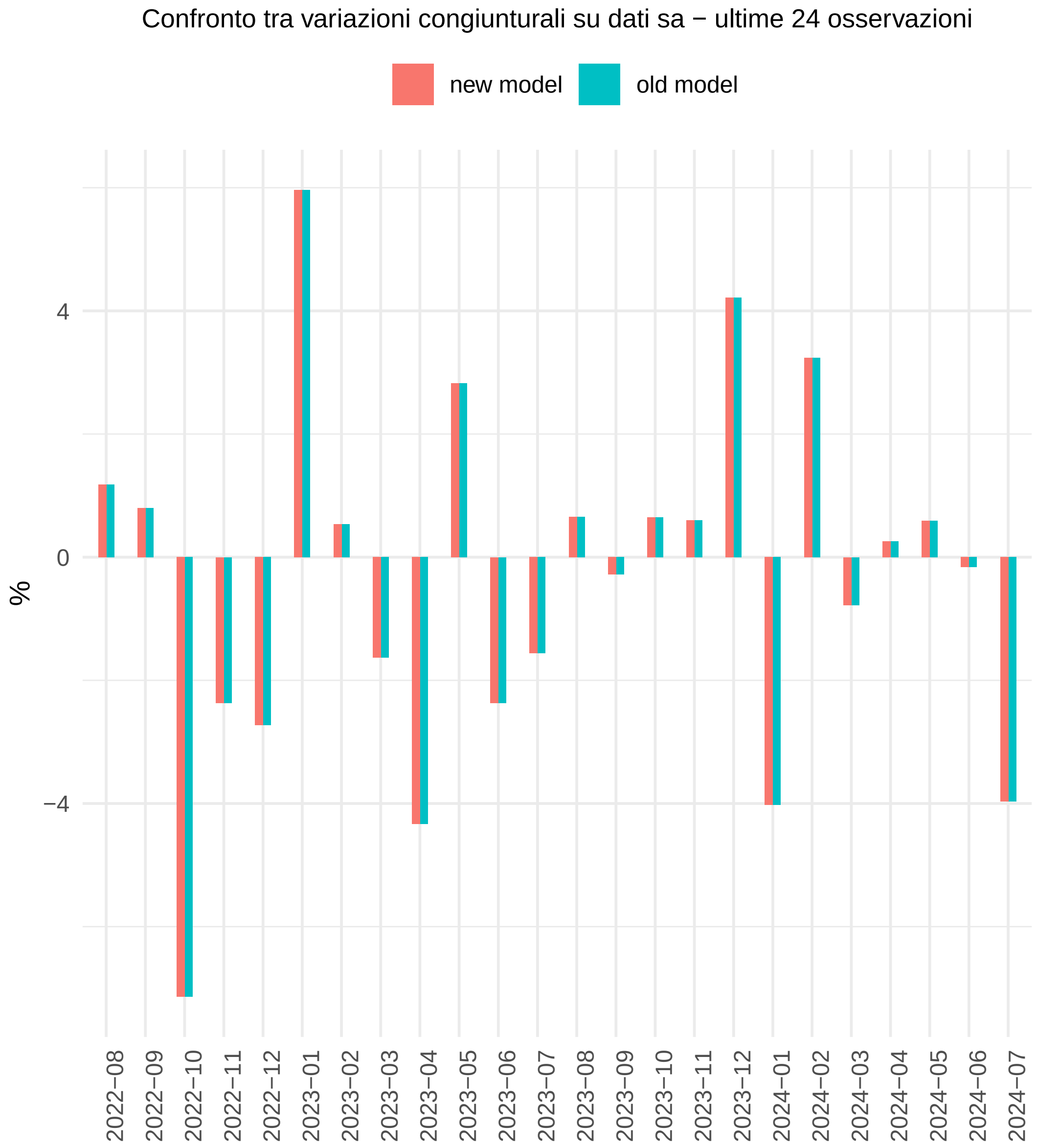
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

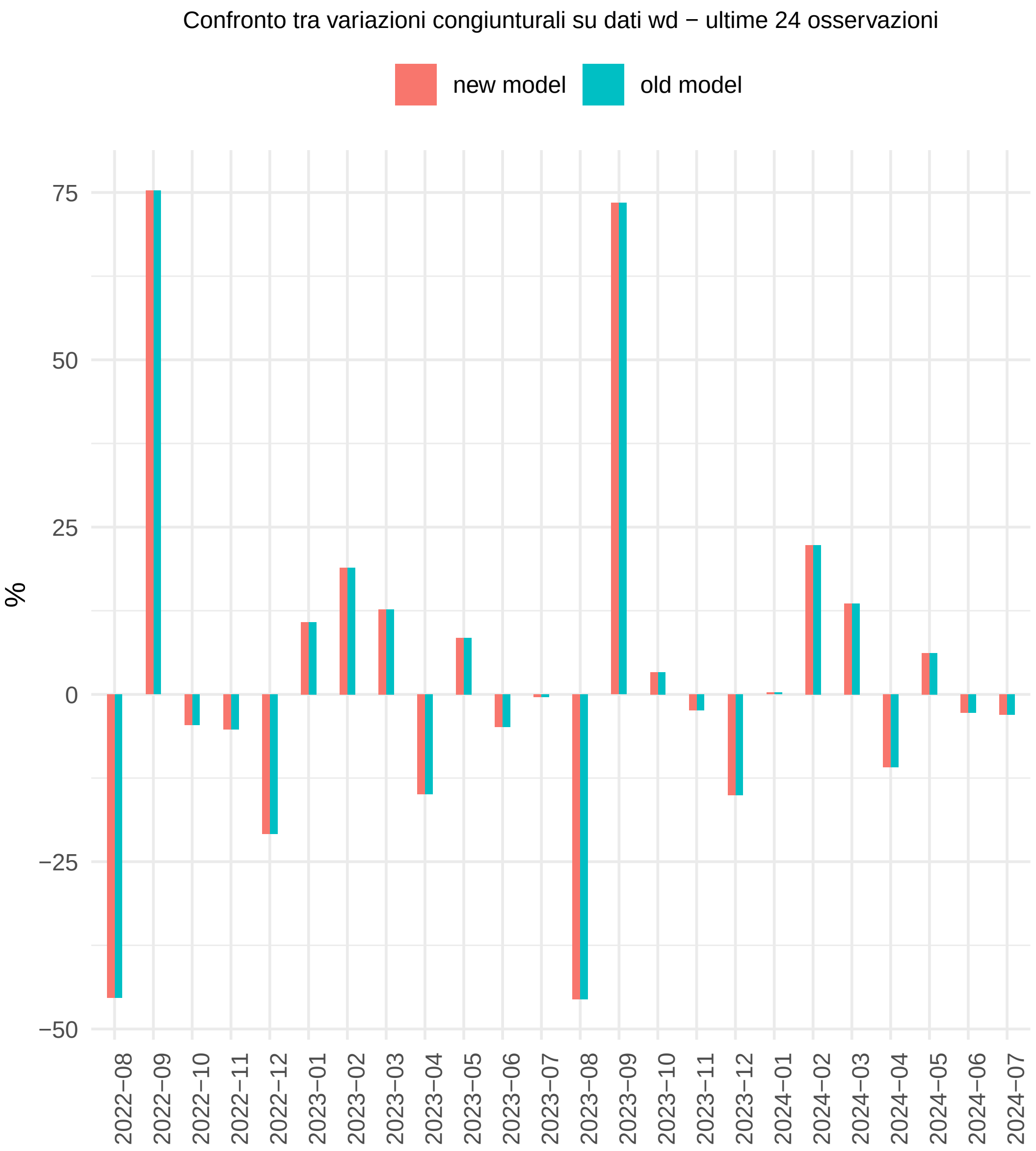

MIGSZ_2
raw and wda
20
40
60
80
100
120
2005
2010
2015
2020
2025
raw and sa
20
40
60
80
100
120
2005
2010
2015
2020
2025
seasonality
60
70
80
90
100
110
120
2005
2010
2015
2020
2025
outliers
0.2
0.4
0.6
0.8
1.0
2005
2010
2015
2020
2025

MIGSZ_2

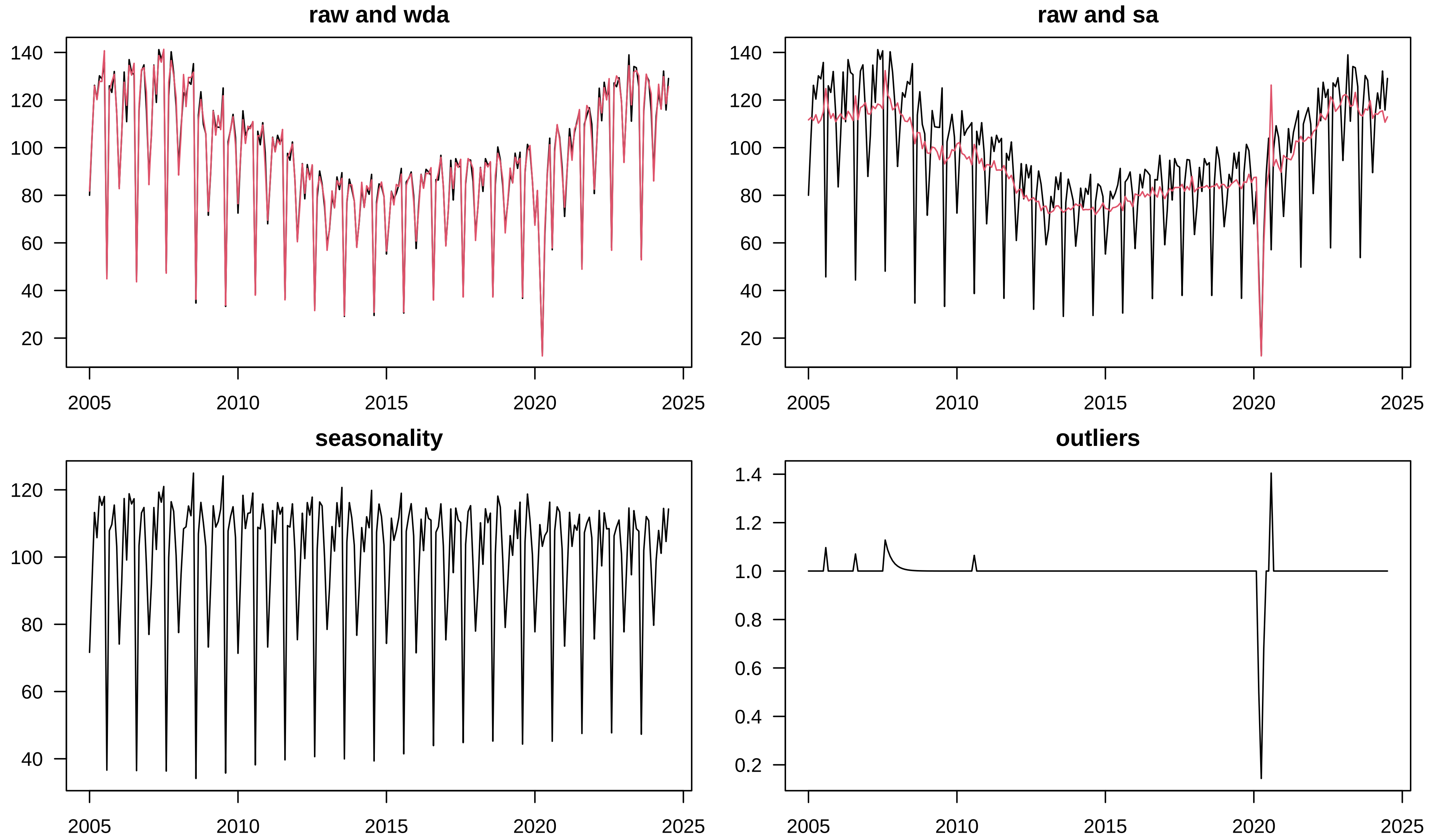

SI ratio
1.2
1.0
0.8
0.6
0.4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0.2
0
1
2
3
4
5
6
raw series
sa series

MIGSZ_2

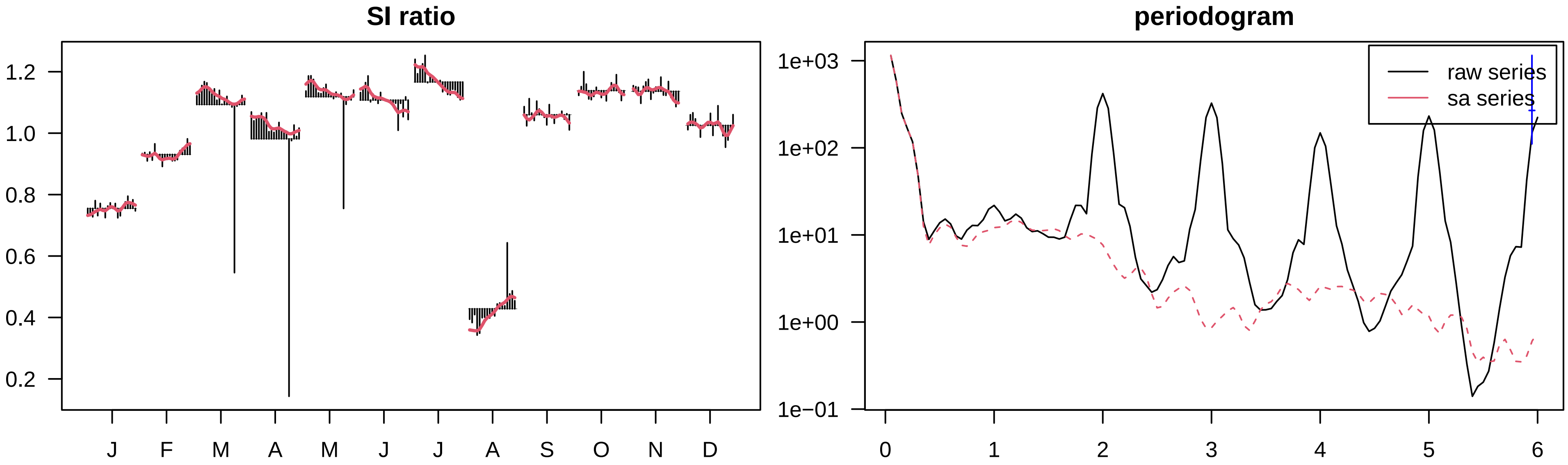

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni

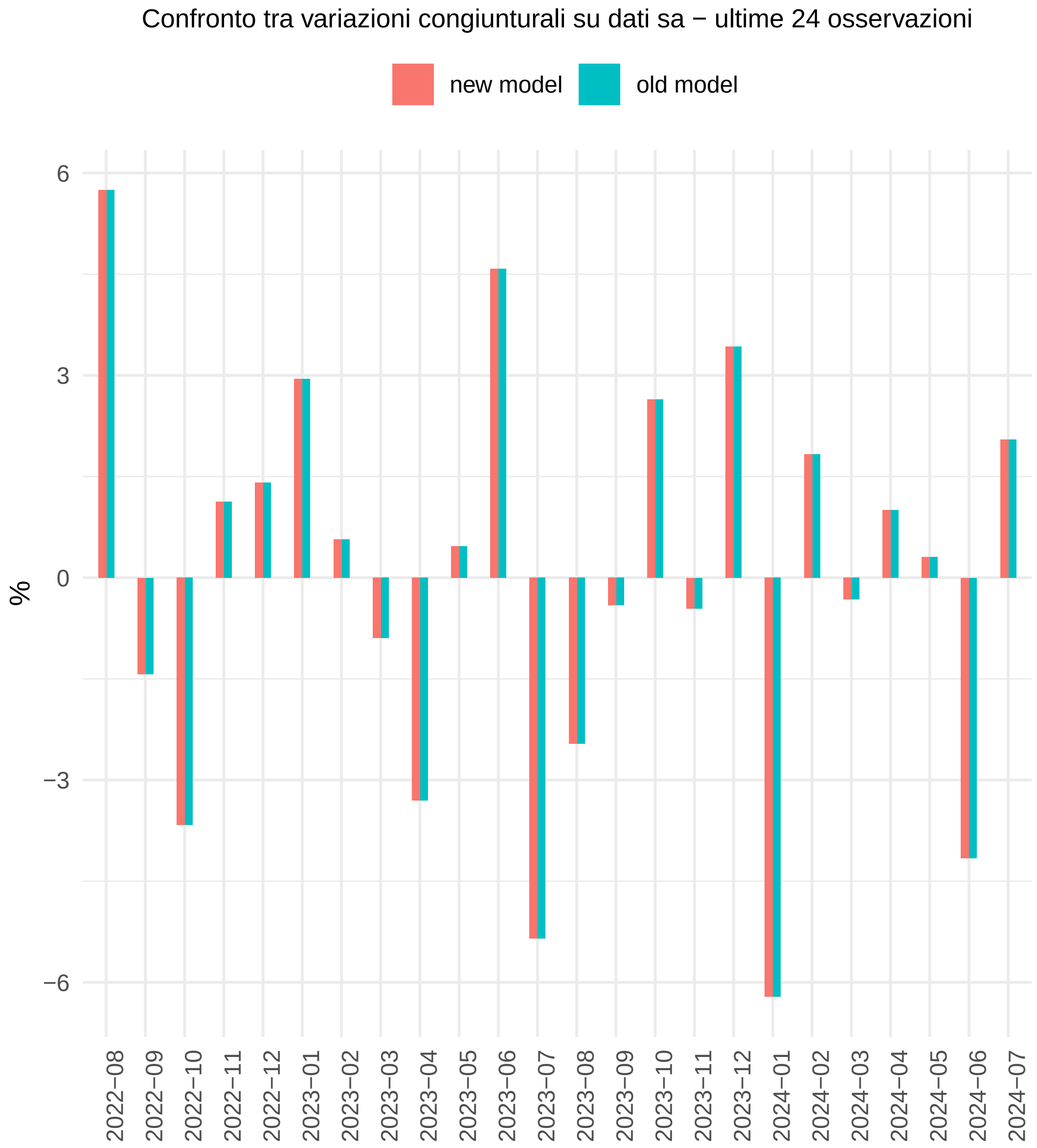
DUREVNAZ


raw and wda
140
120
100
80
60
40
20
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
60
40
20
2005
2010
2015
2020
2025
seasonality
120
100
80
60
40
2005
2010
2015
2020
2025
outliers
1.4
1.2
1.0
0.8
0.6
0.4
0.2
2005
2010
2015
2020
2025

DUREVNAZ


SI ratio
1.2
1.0
0.8
0.6
0.4
0.2
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+03
1e+02
1e+01
1e+00
1e−01
0
1
2
3
4
5
6
raw series
sa series

DUREVNAZ


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
6
3
0
−3
−6
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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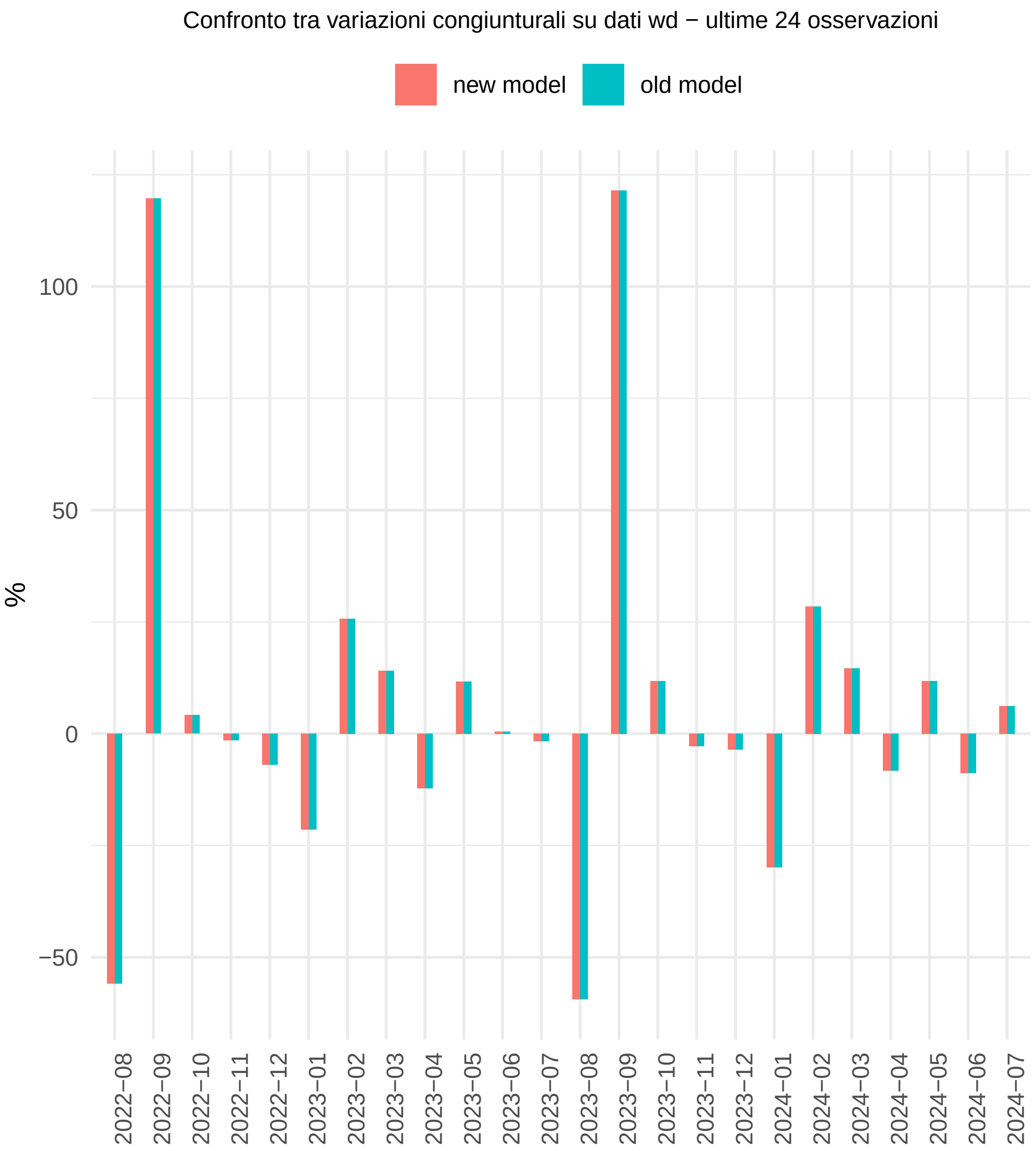
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
100
50
0
−50
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
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2023−09
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2024−02
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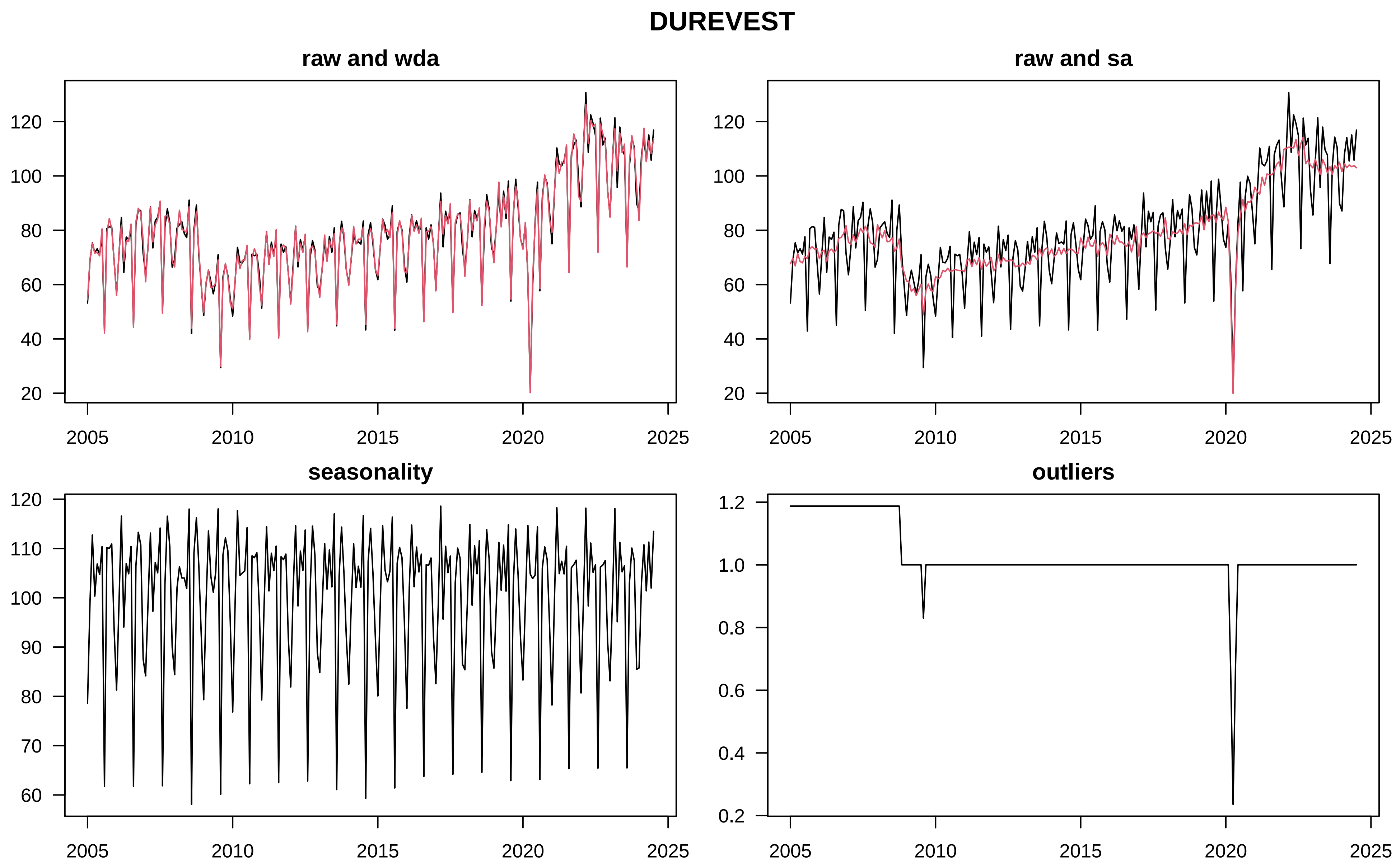
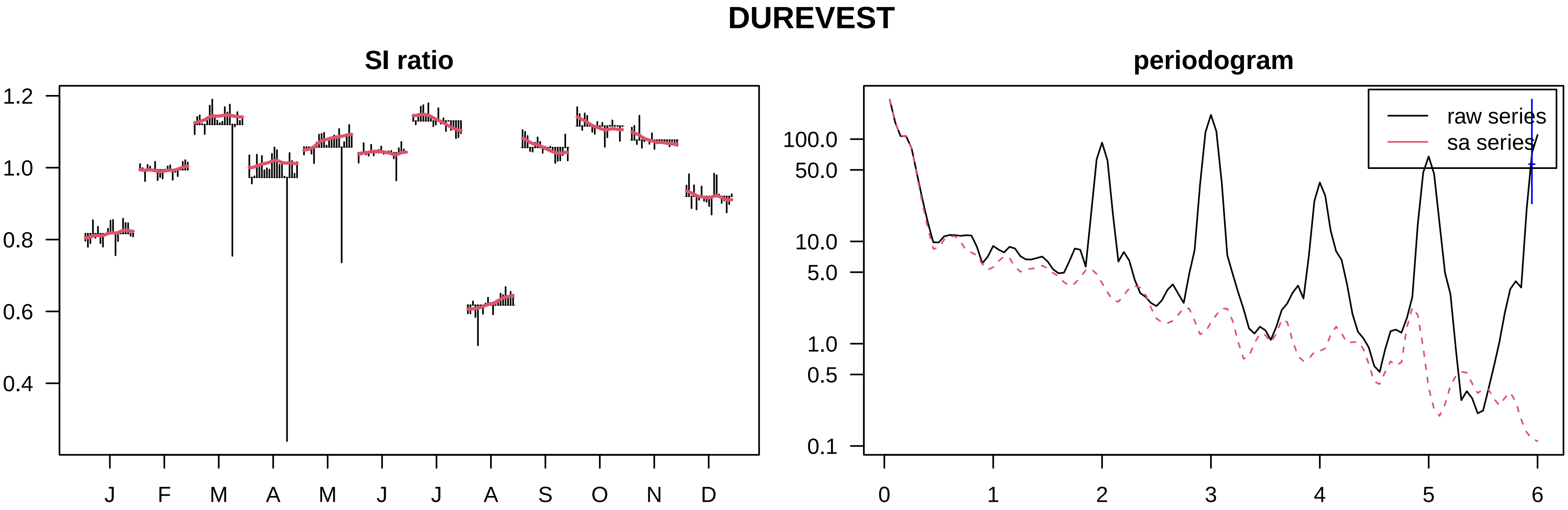
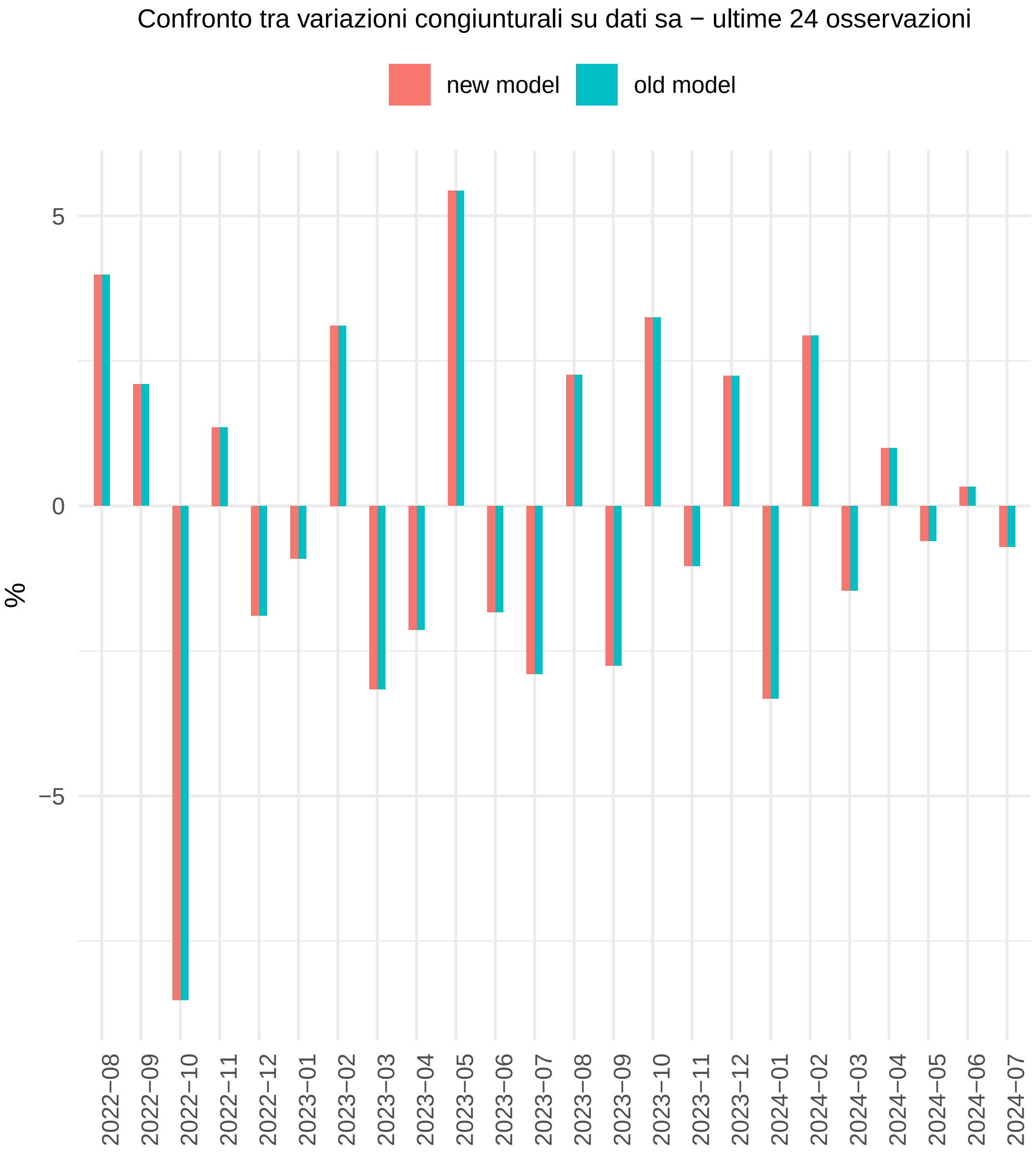
2024−04
2024−05
2024−06
2024−07


DUREVEST
raw and wda
120
100
80
60
40
20
2005
2010
2015
2020
2025
raw and sa
120
100
80
60
40
20
2005
2010
2015
2020
2025
seasonality
120
110
100
90
80
70
60
2005
2010
2015
2020
2025
outliers
1.2
1.0
0.8
0.6
0.4
0.2
2005
2010
2015
2020
2025


DUREVEST
SI ratio
1.2
1.0
0.8
0.6
0.4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
100.0
50.0
10.0
5.0
1.0
0.5
0.1
0
1
2
3
4
5
6

DUREVEST


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
5
0
−5
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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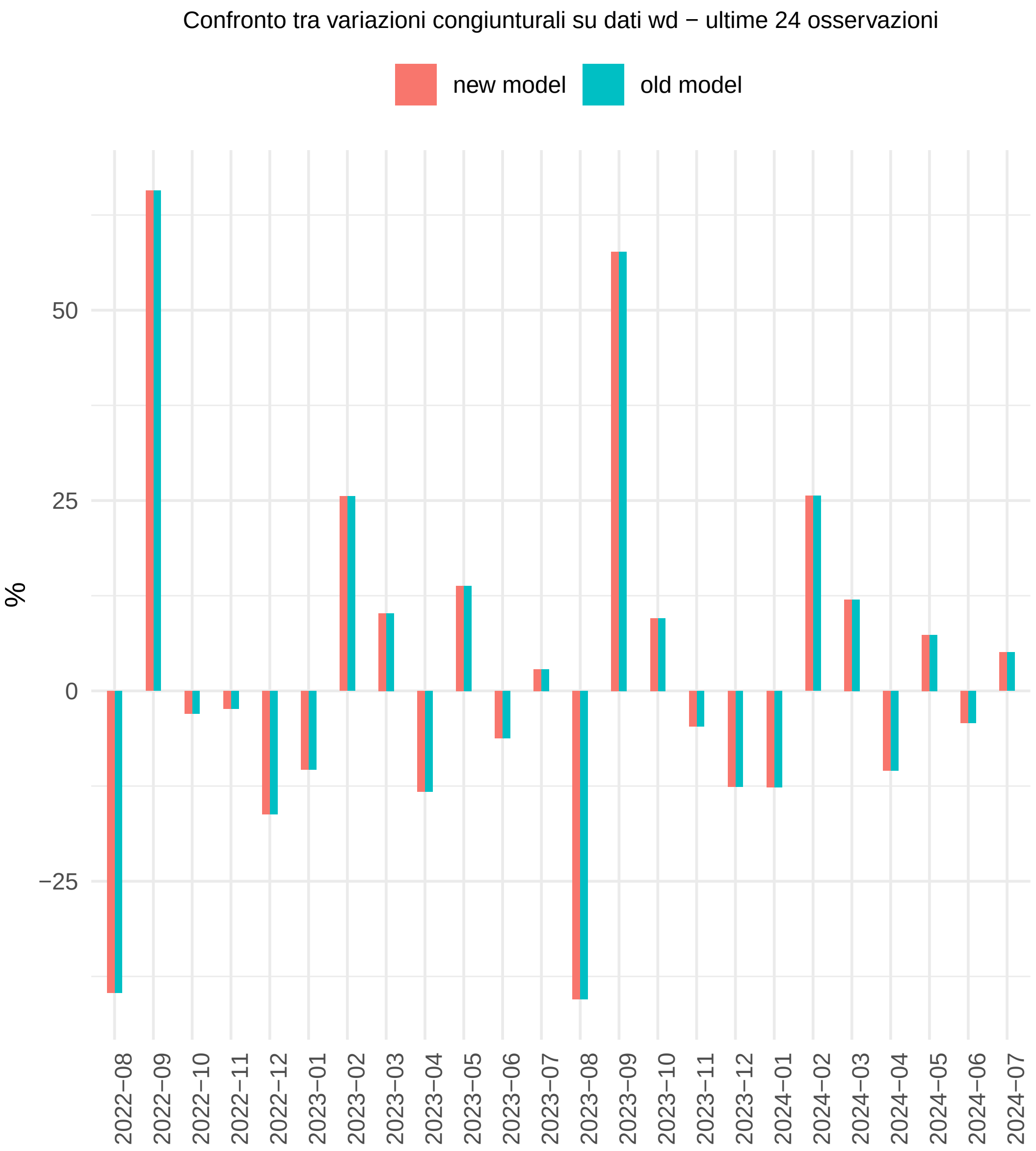
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
50
25
0
−25
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
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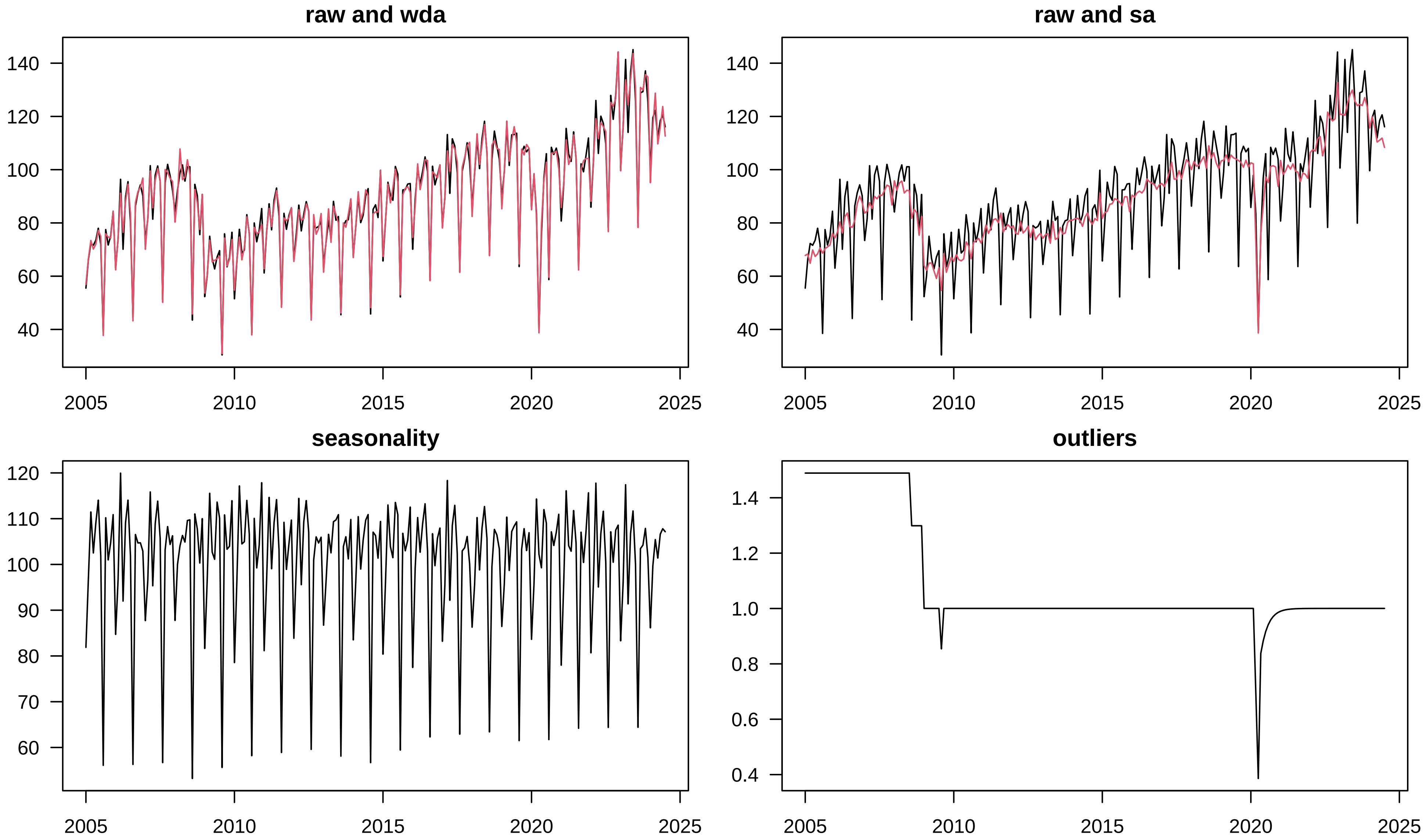
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

MIGSZ_3



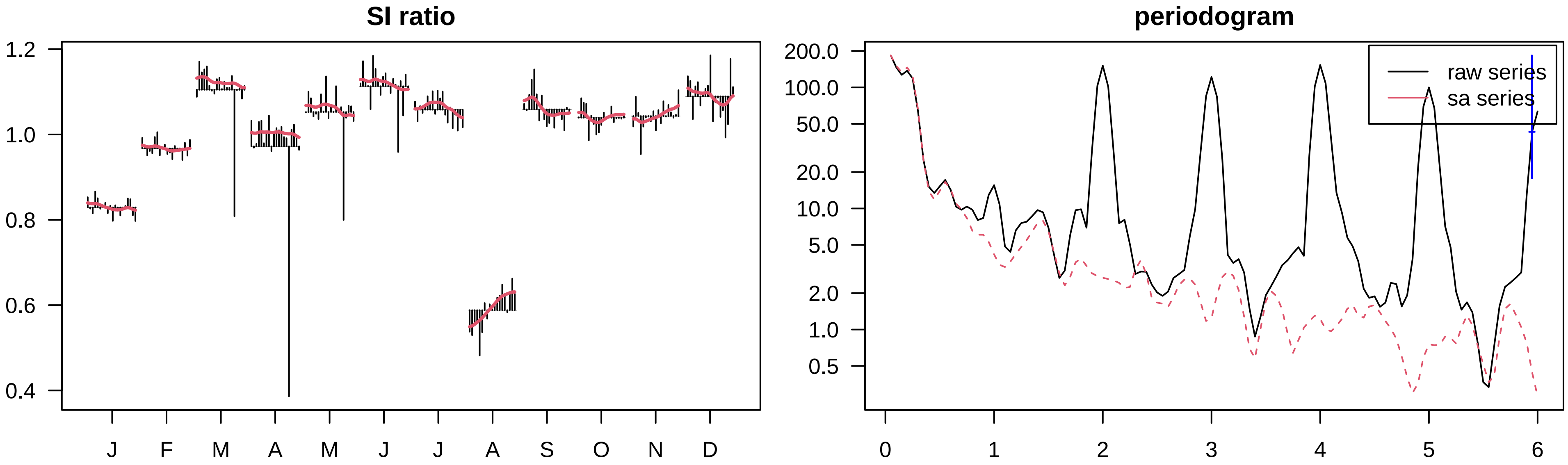
raw and wda

raw and sa

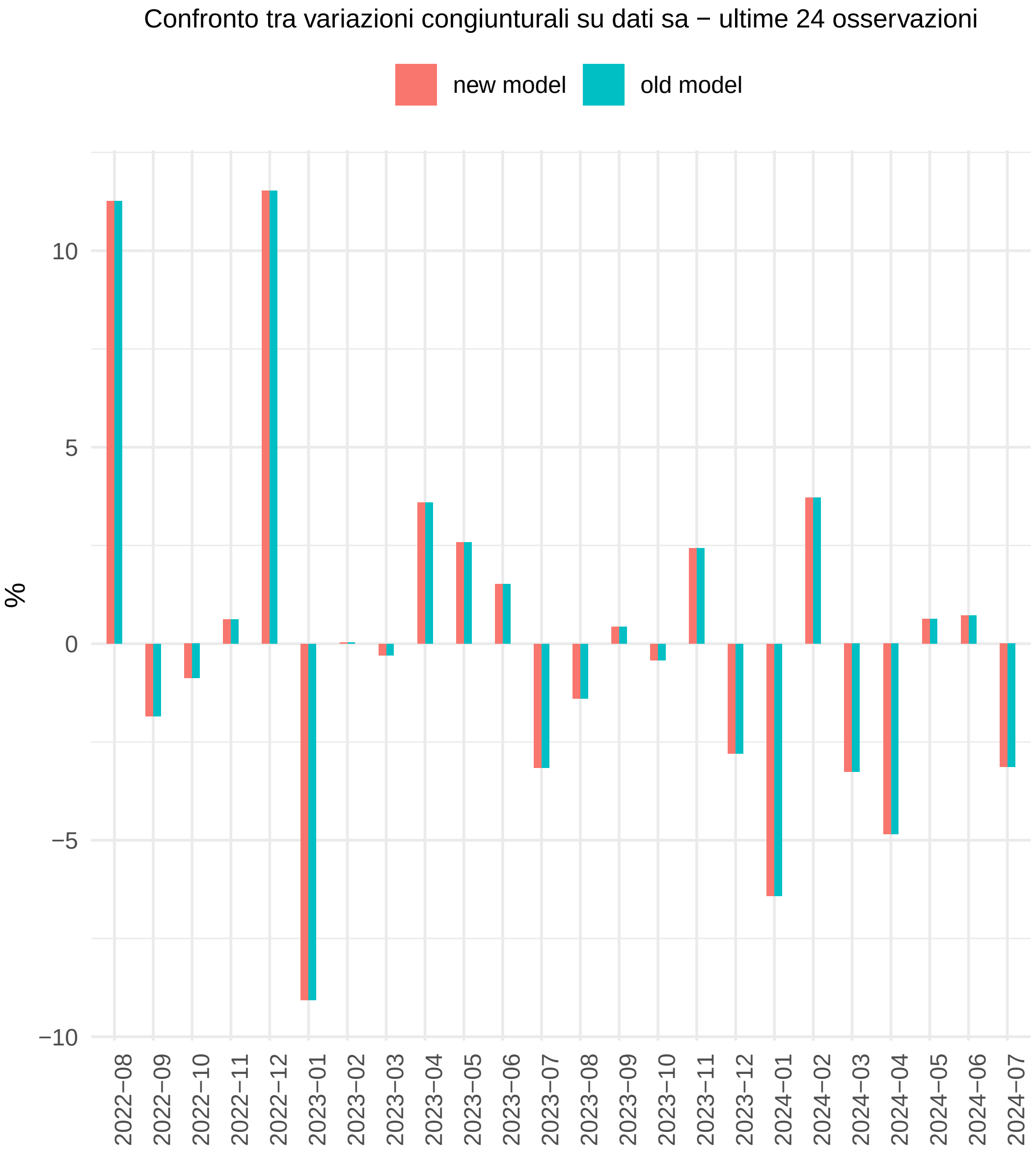
seasonality

outliers

MIGSZ_3


SI ratio
1.2
1.0
0.8
0.6
0.4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
200.0
100.0
50.0
20.0
10.0
5.0
2.0
1.0
0.5
0
1
2
3
4
5
6
raw series
sa series

MIGSZ_3



Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
10
5
0
−5
−10
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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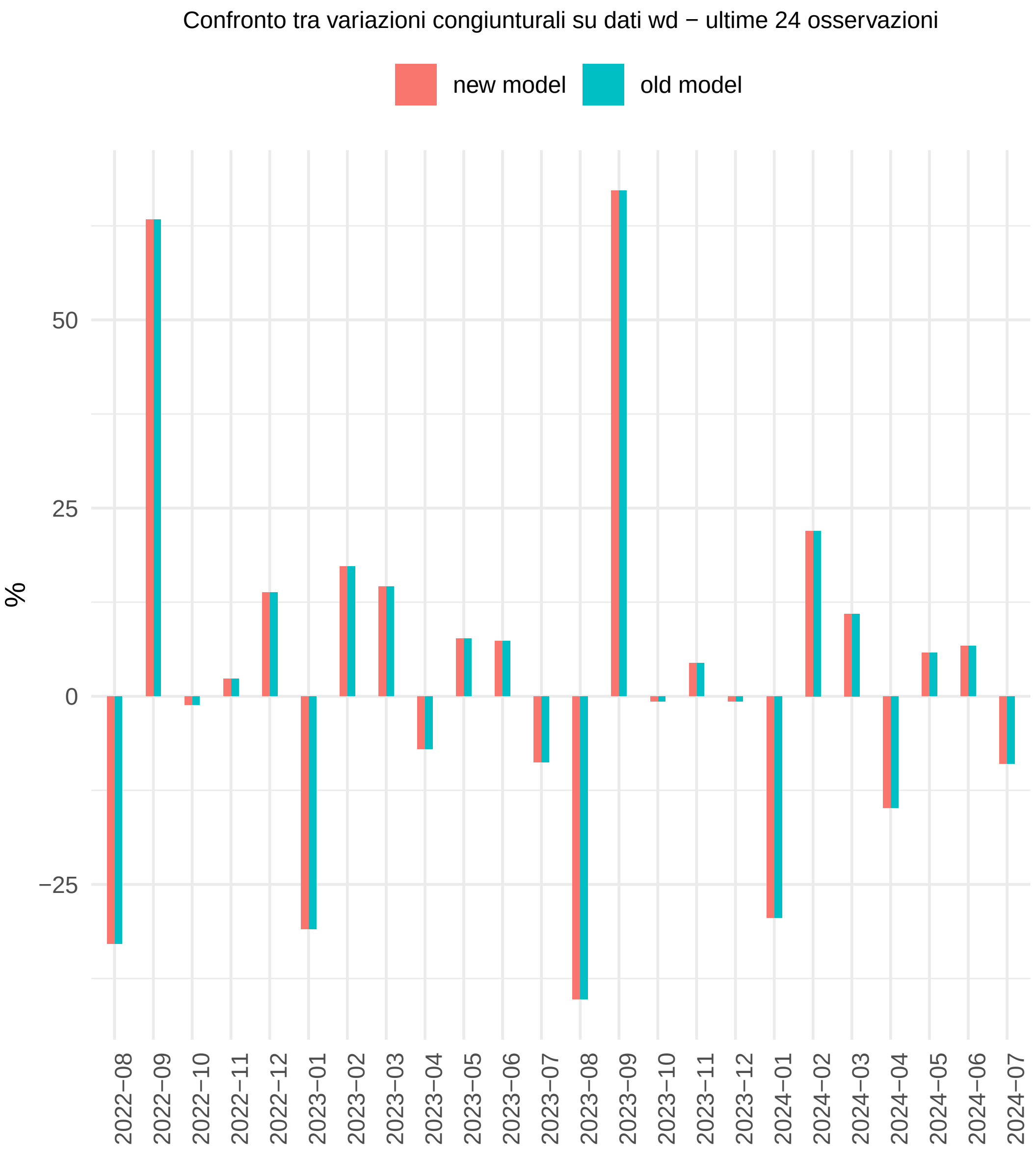
2024−04
2024−05
2024−06
2024−07



Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
50
25
0
−25
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
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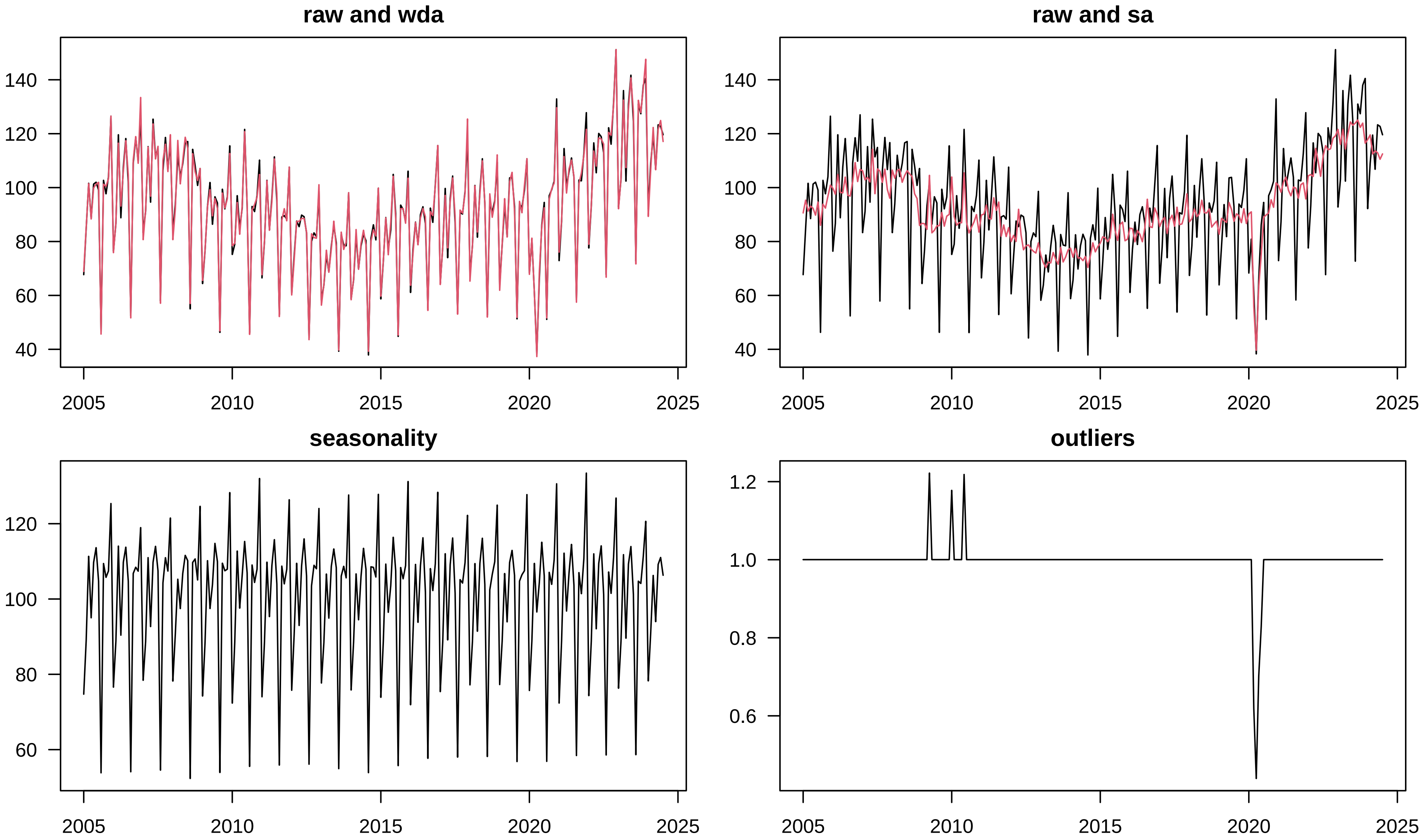
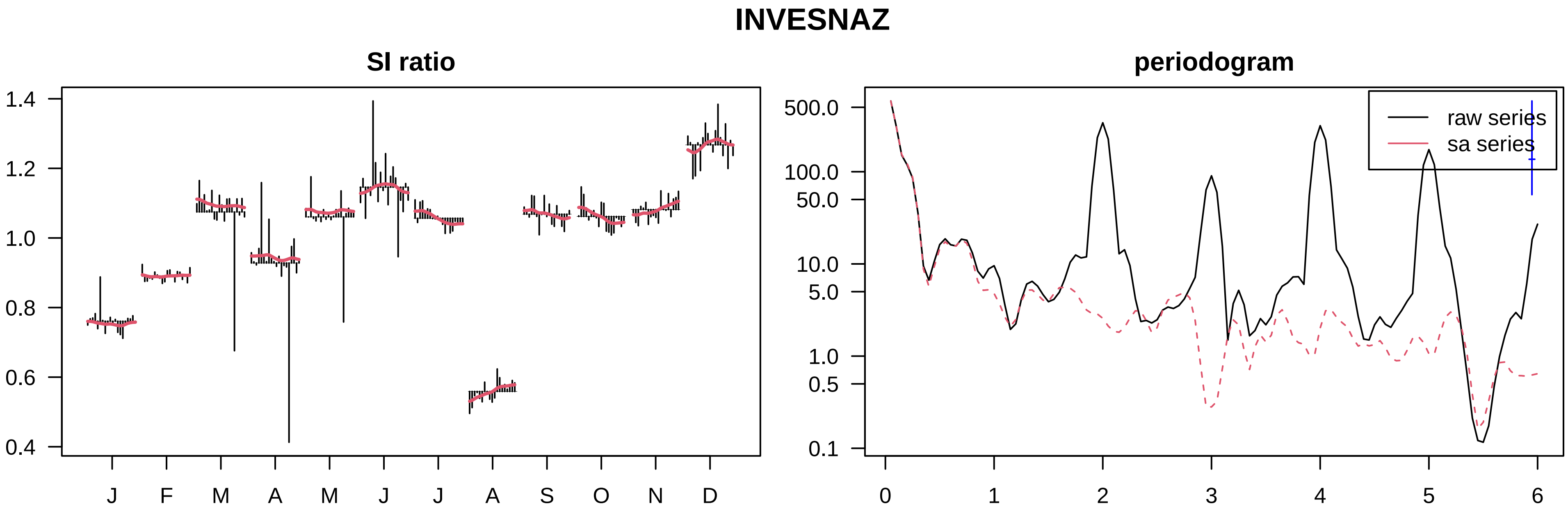
2023−09
2023−10
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07

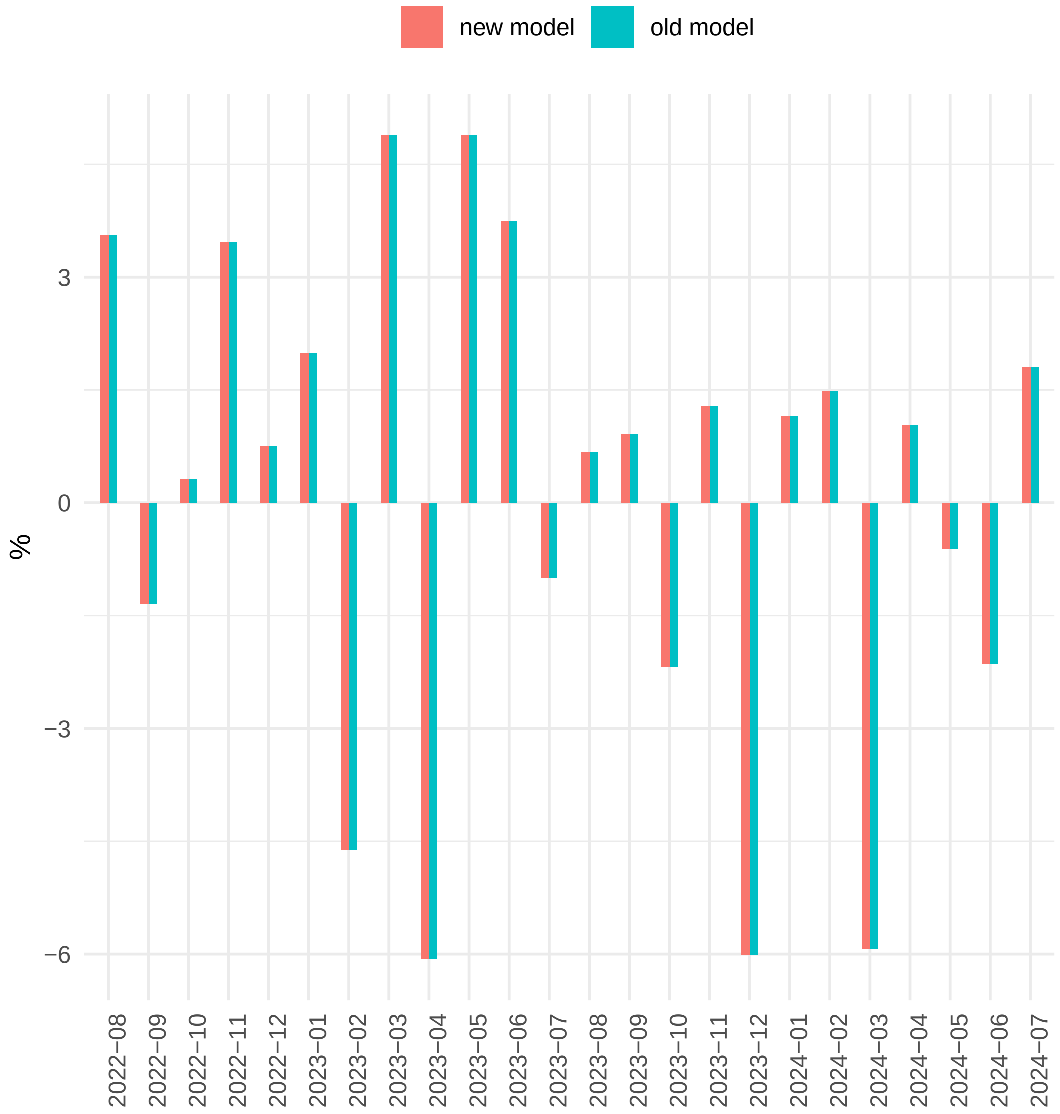
INVESNAZ


raw and wda
raw and sa
seasonality
outliers
140
120
100
80
60
40
1.2
1.0
0.8
0.6
2005
2010
2015
2020
2025

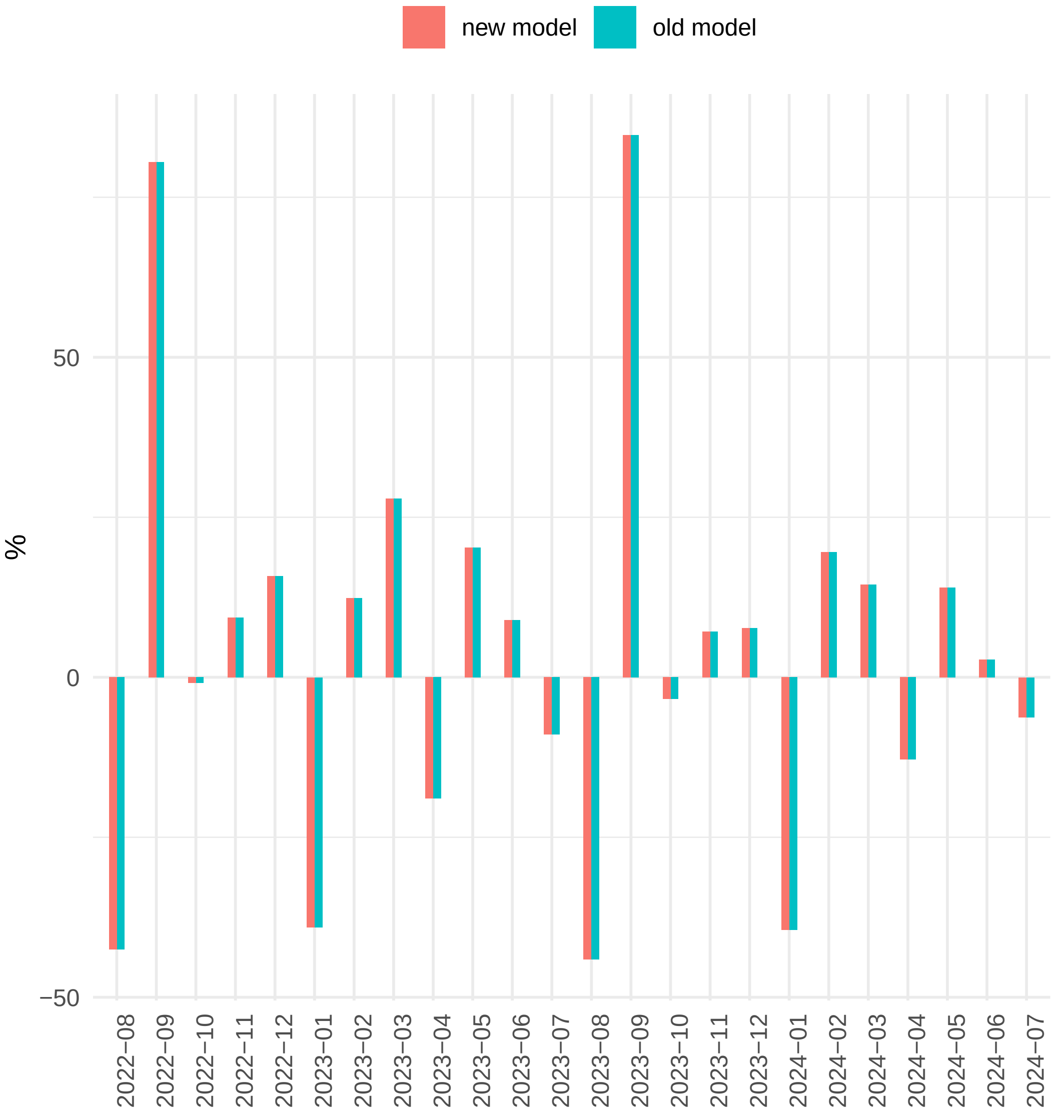

INVESNAZ
SI ratio
1.4
1.2
1.0
0.8
0.6
0.4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
500.0
100.0
50.0
10.0
5.0
1.0
0.5
0.1
0
1
2
3
4
5
6
raw series
sa series

INVESNAZ

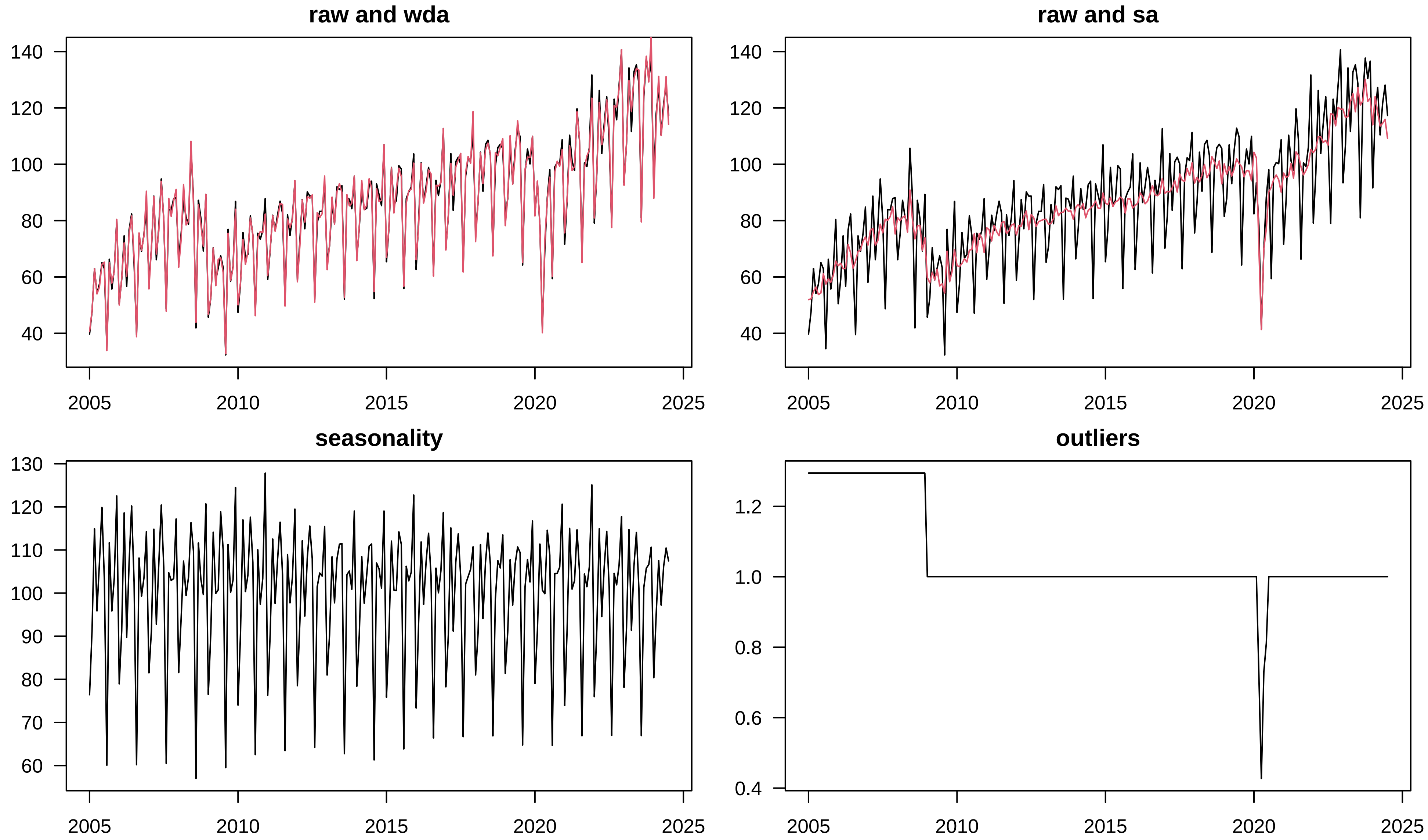
Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni



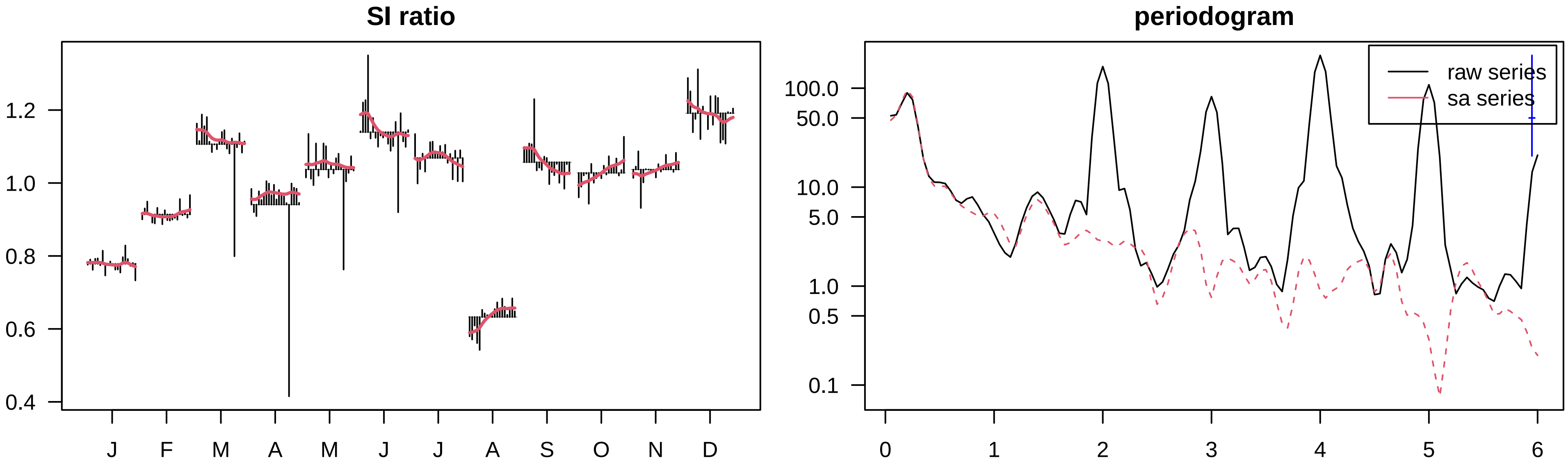
Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni



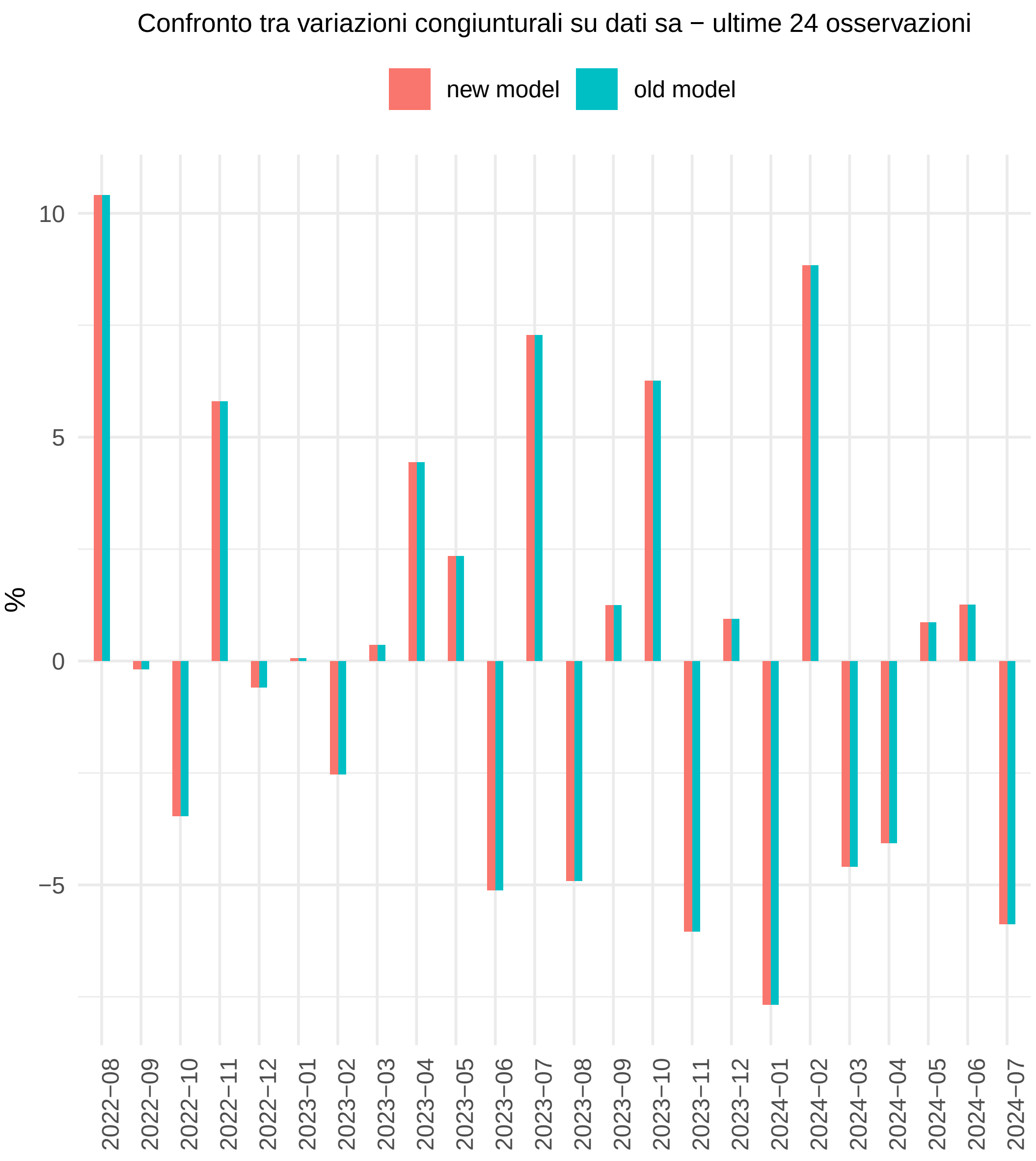
INVESEST


raw and wda
140
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
130
120
110
100
90
80
70
60
2005
2010
2015
2020
2025
outliers
1.2
1.0
0.8
0.6
0.4
2005
2010
2015
2020
2025

INVESEST


SI ratio
1.2
1.0
0.8
0.6
0.4
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
100.0
50.0
10.0
5.0
1.0
0.5
0.1
0
1
2
3
4
5
6
raw series
sa series

INVESEST


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
10
5
0
−5
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
2023−10
2023−11
2023−12
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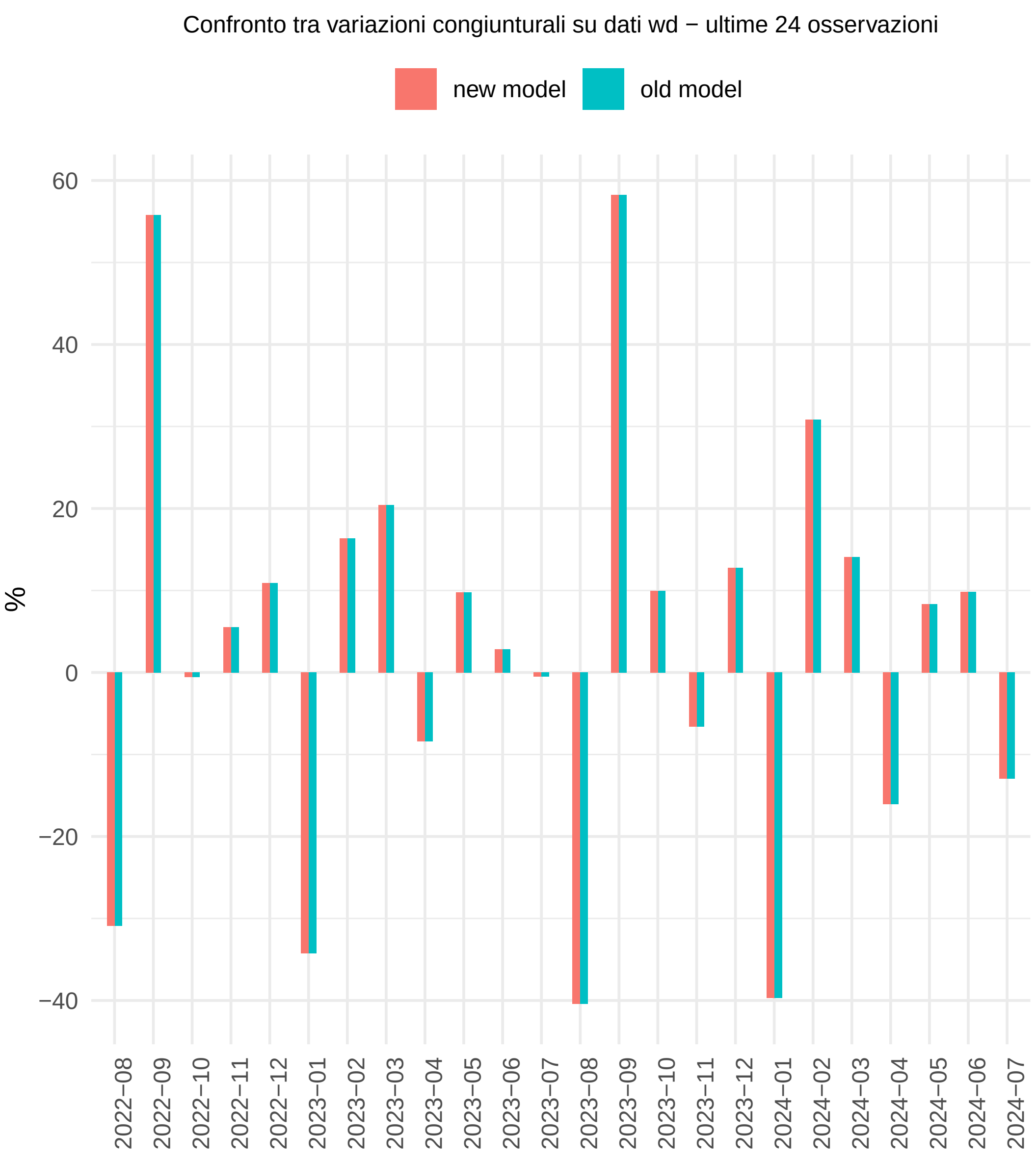
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
60
40
20
0
−20
−40
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
2023−07
2023−08
2023−09
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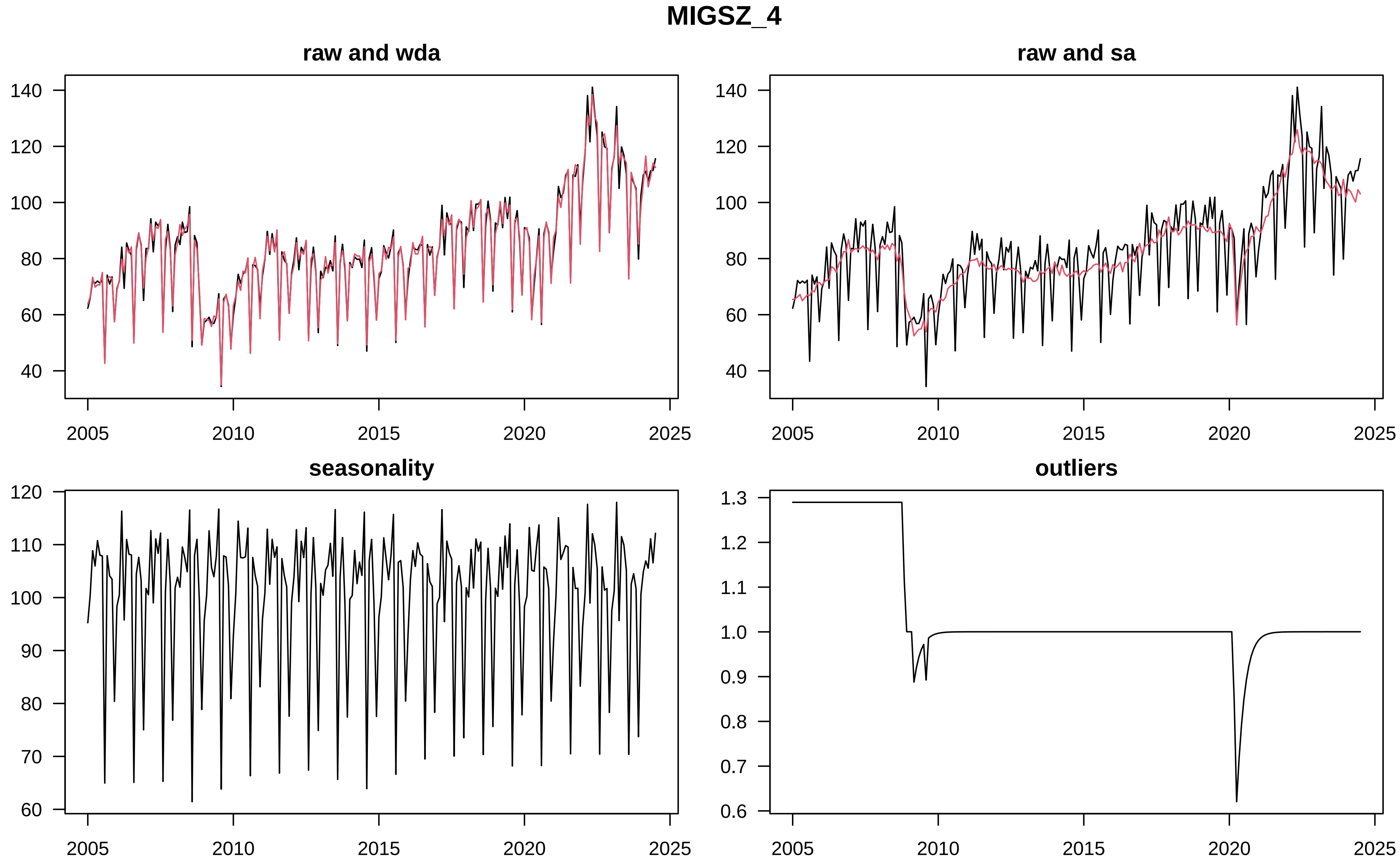
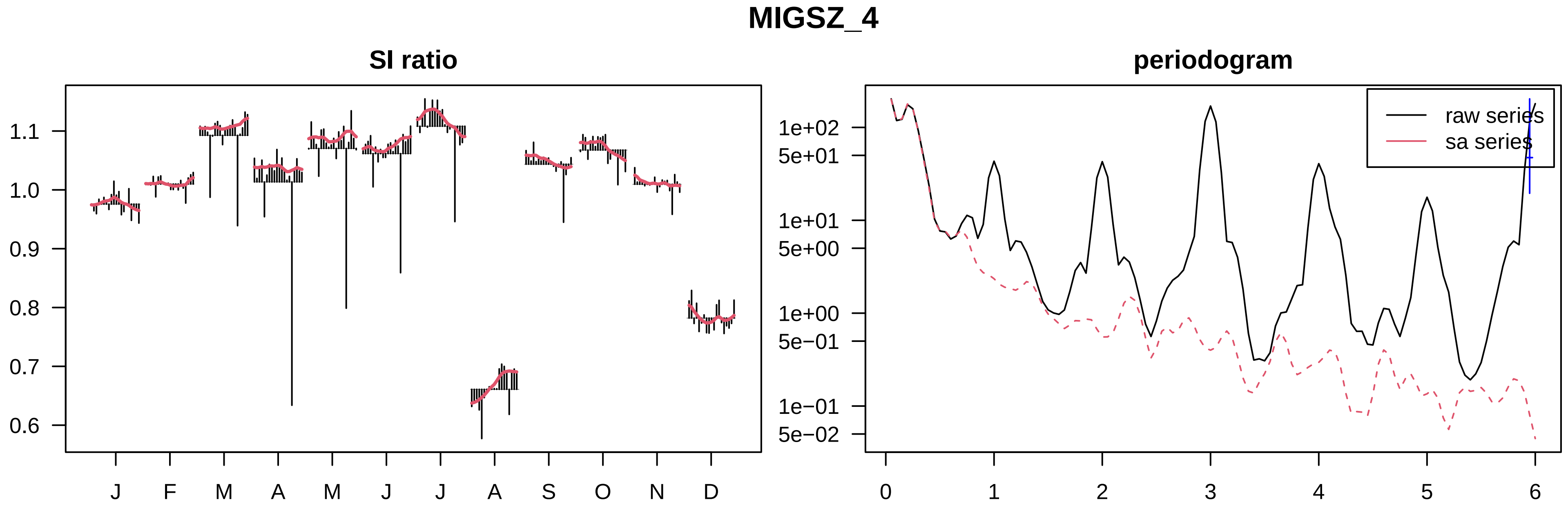
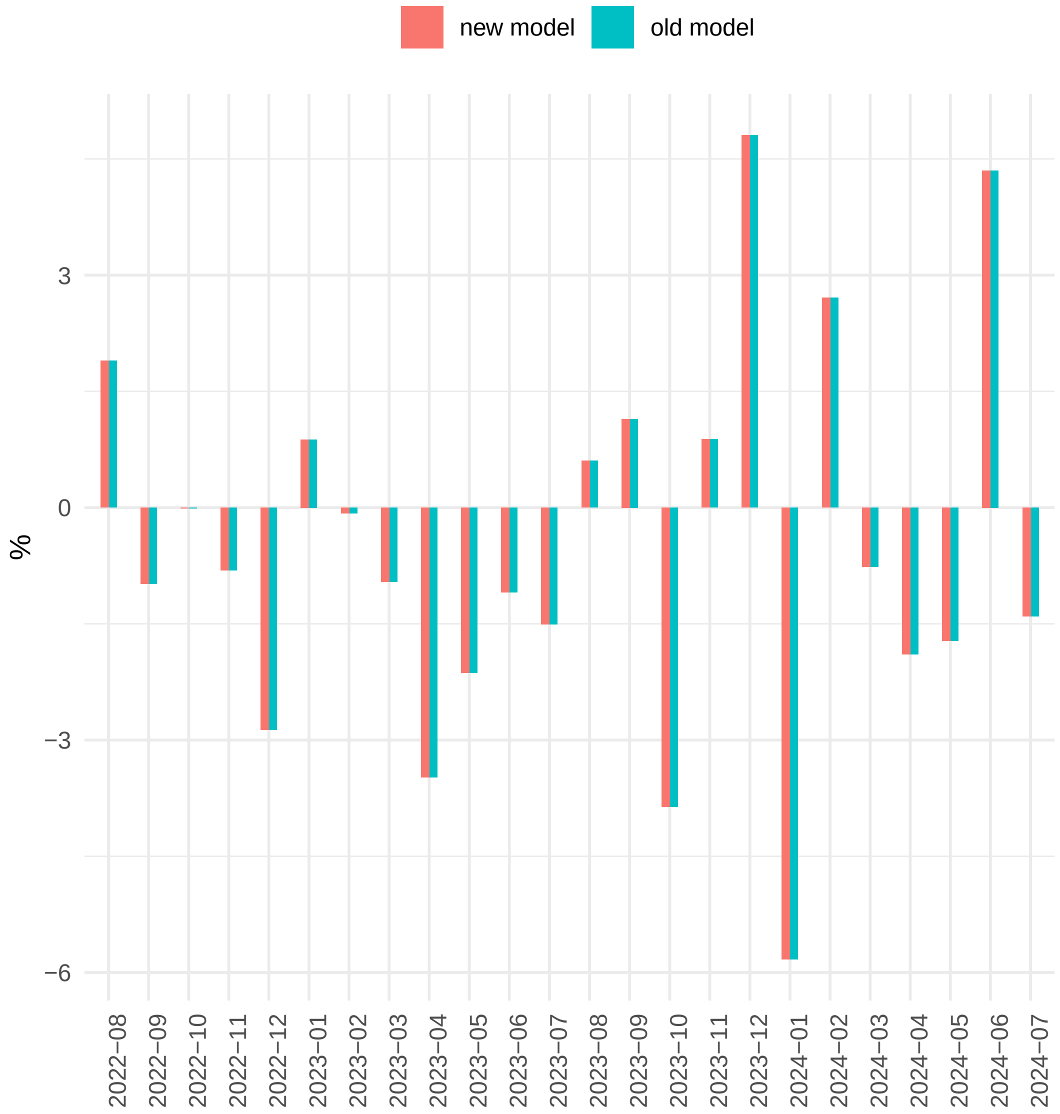
2024−05
2024−06
2024−07


MIGSZ_4
raw and wda
raw and sa
seasonality
outliers
140
120
100
80
60
40
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
110
90
70
2005
2010
2015
2020
2025

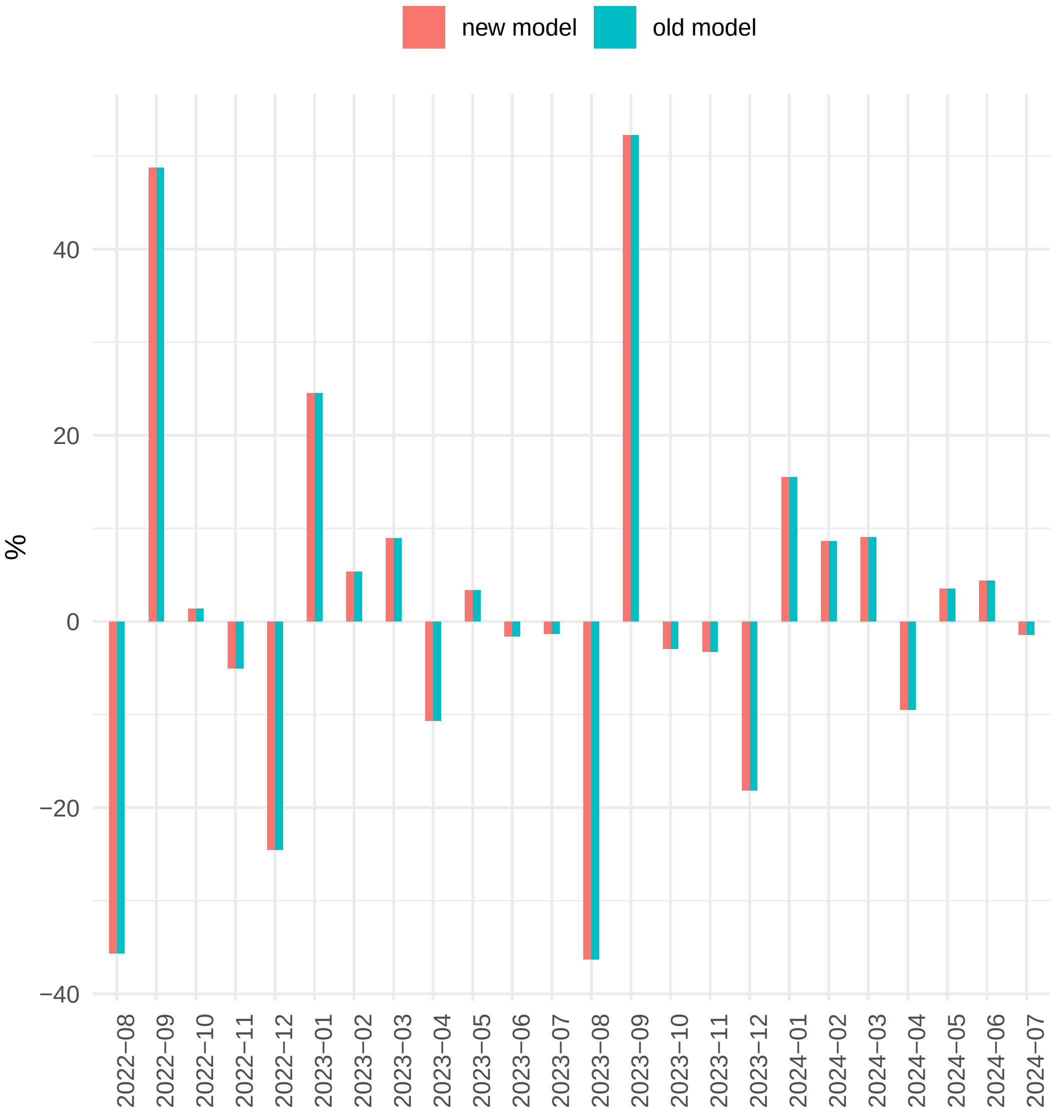

MIGSZ_4
SI ratio
1.1
1.0
0.9
0.8
0.7
0.6
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
raw series
sa series
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
1e−01
5e−02
0
1
2
3
4
5
6

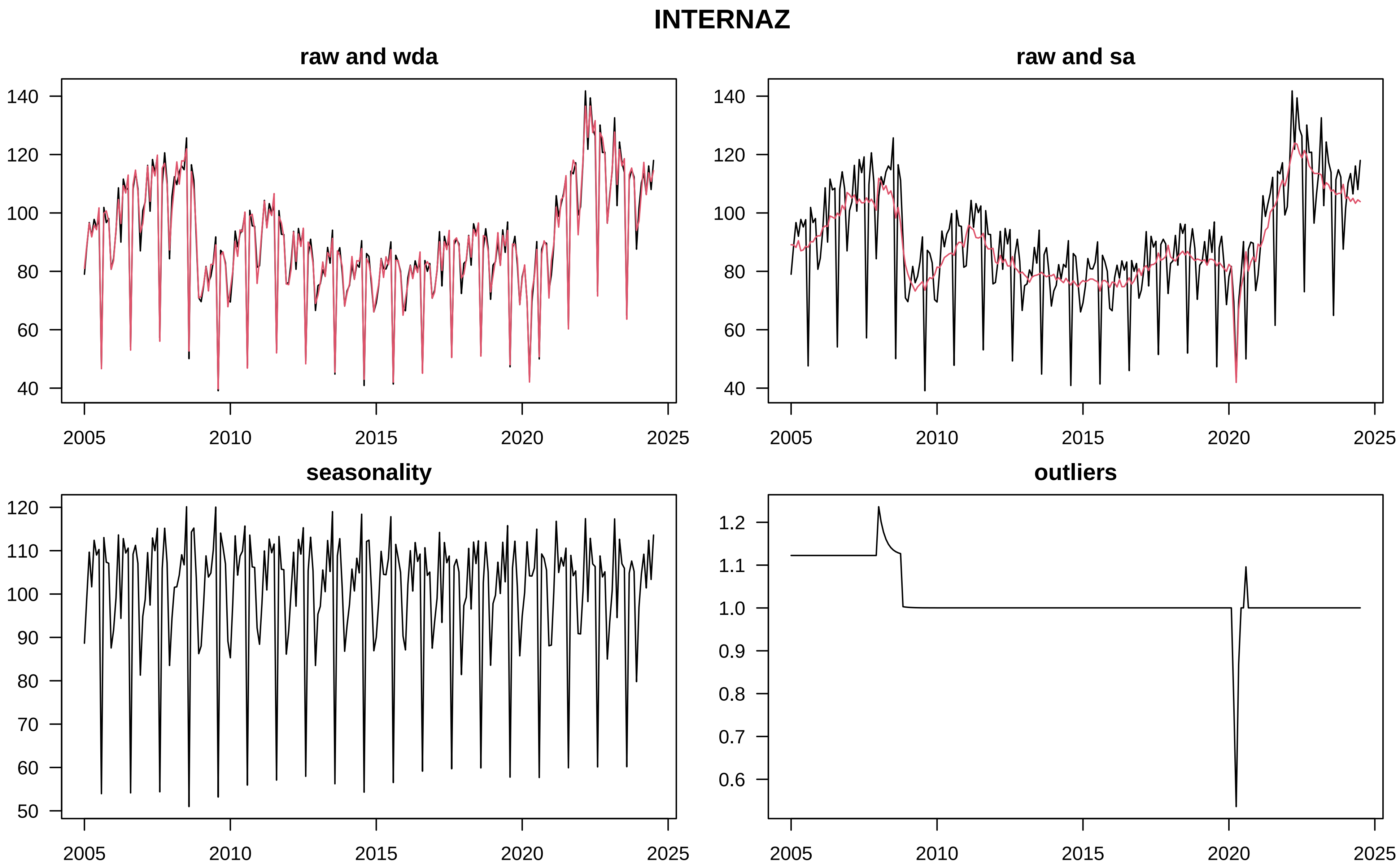
MIGSZ_4

Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

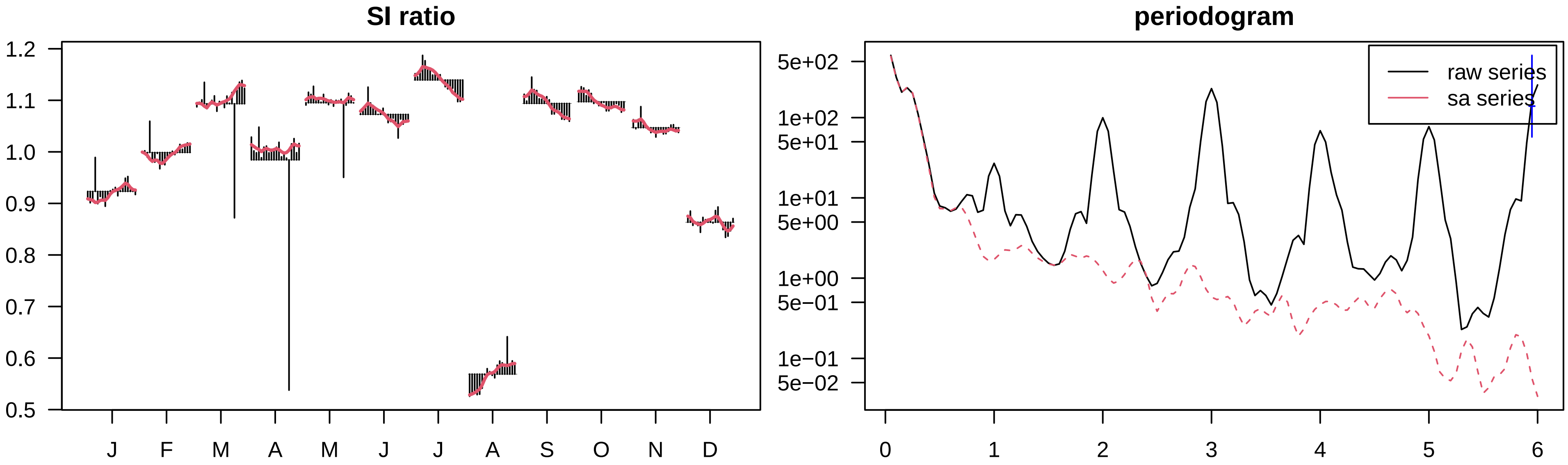


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni




INTERNAZ
raw and wda
140
120
100
80
60
40
2005
2010
2015
2020
2025
raw and sa
140
120
100
80
60
40
2005
2010
2015
2020
2025
seasonality
120
110
100
90
80
70
60
50
2005
2010
2015
2020
2025
outliers
1.2
1.1
1.0
0.9
0.8
0.7
0.6
2005
2010
2015
2020
2025

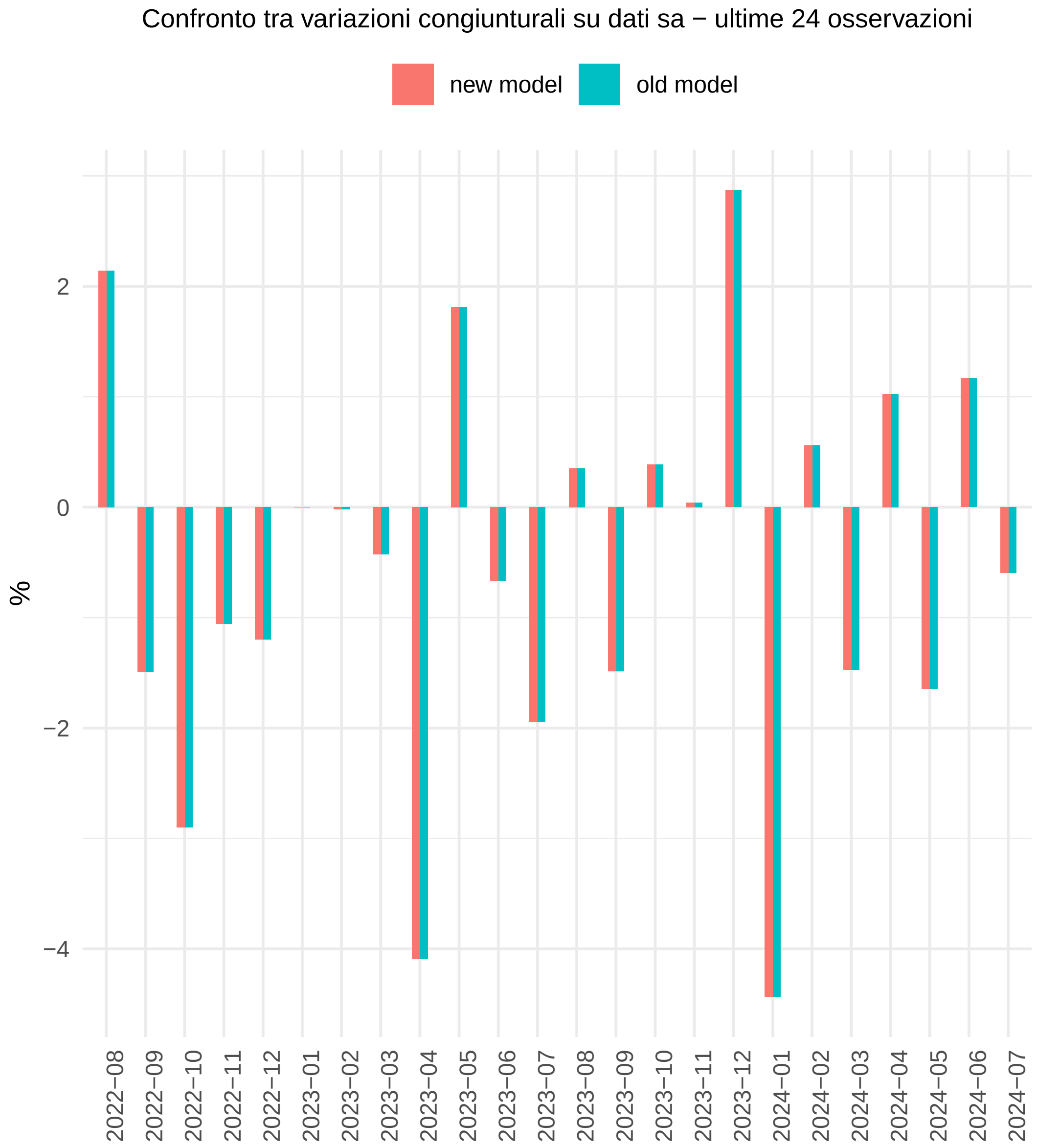
INTERNAZ



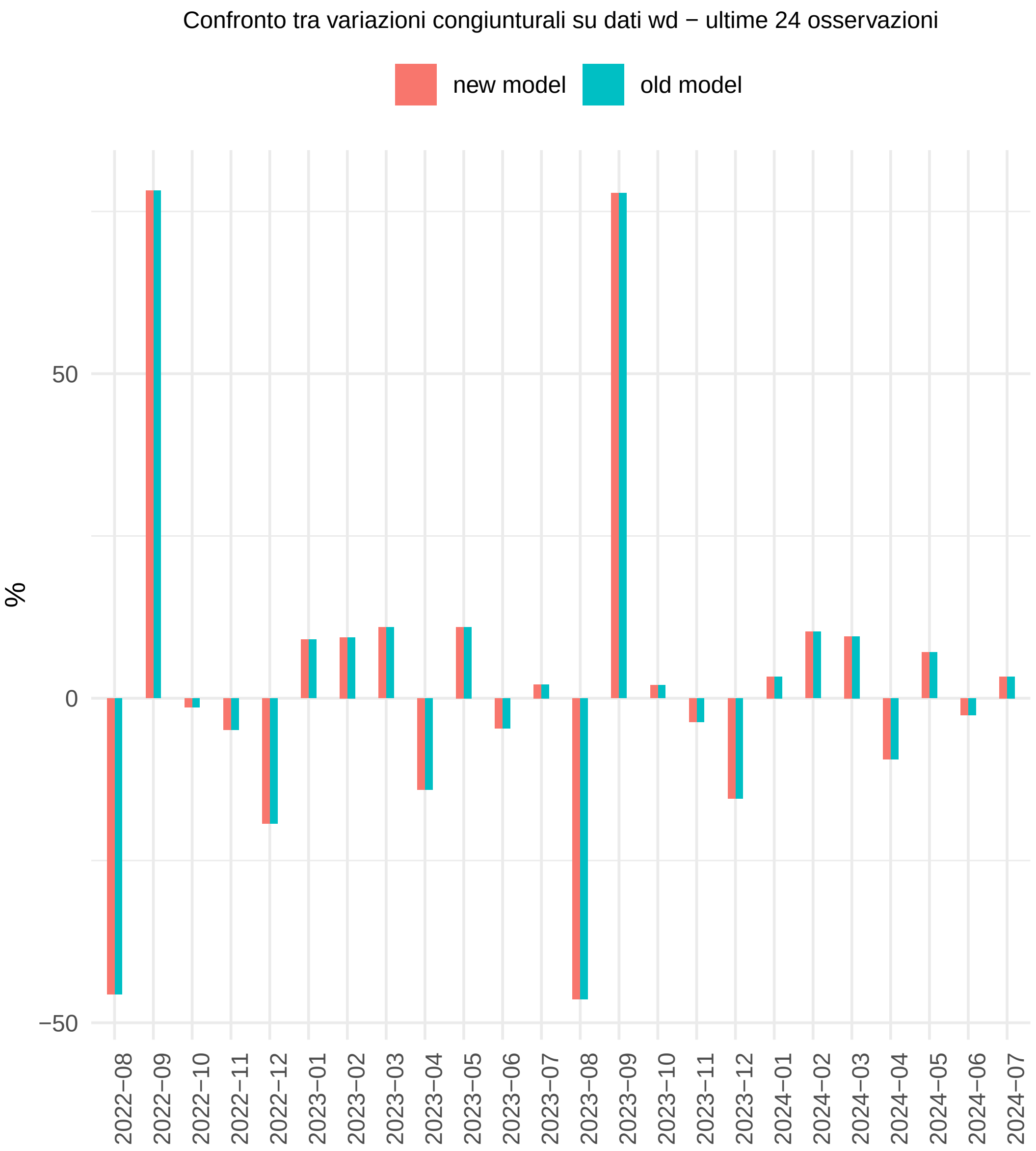
SI ratio

periodogram

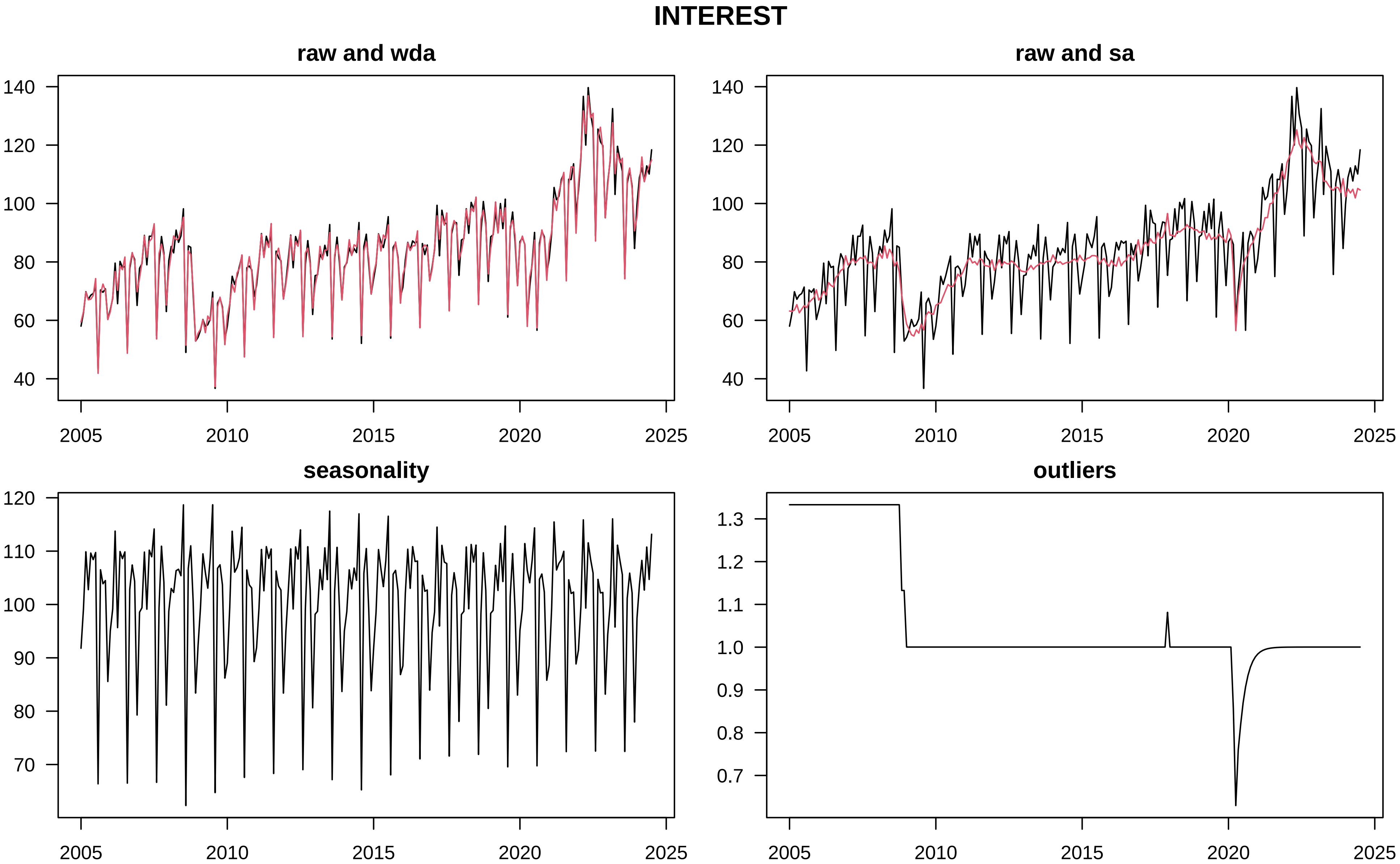
INTERNAZ

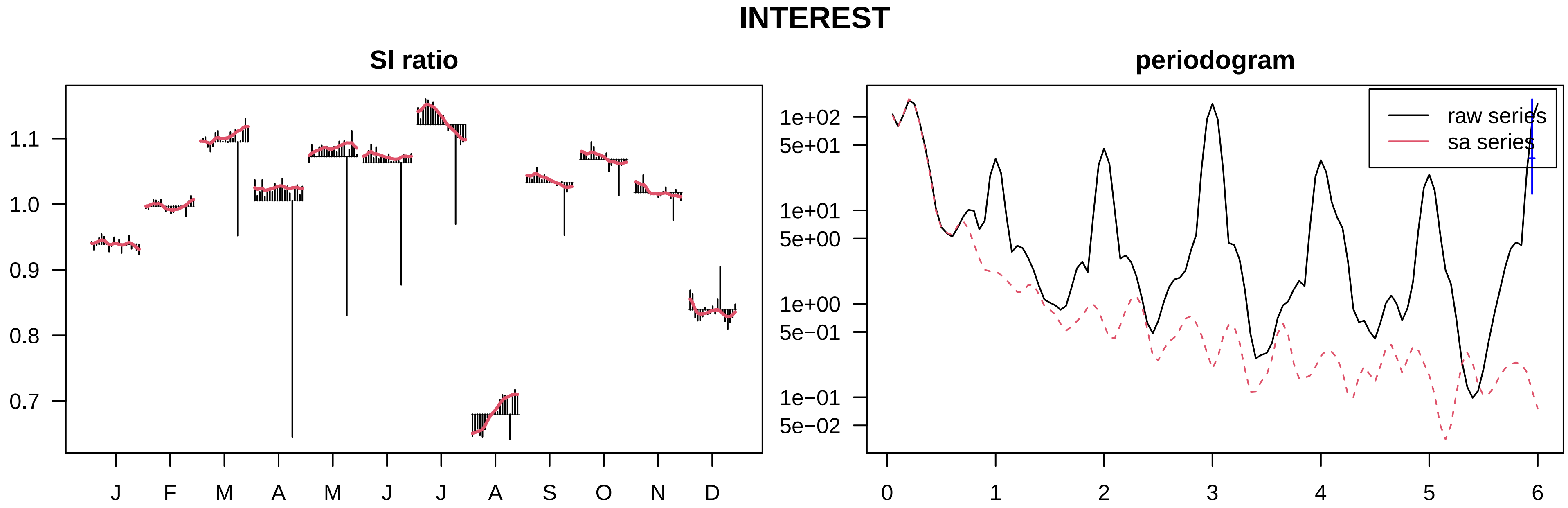


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni

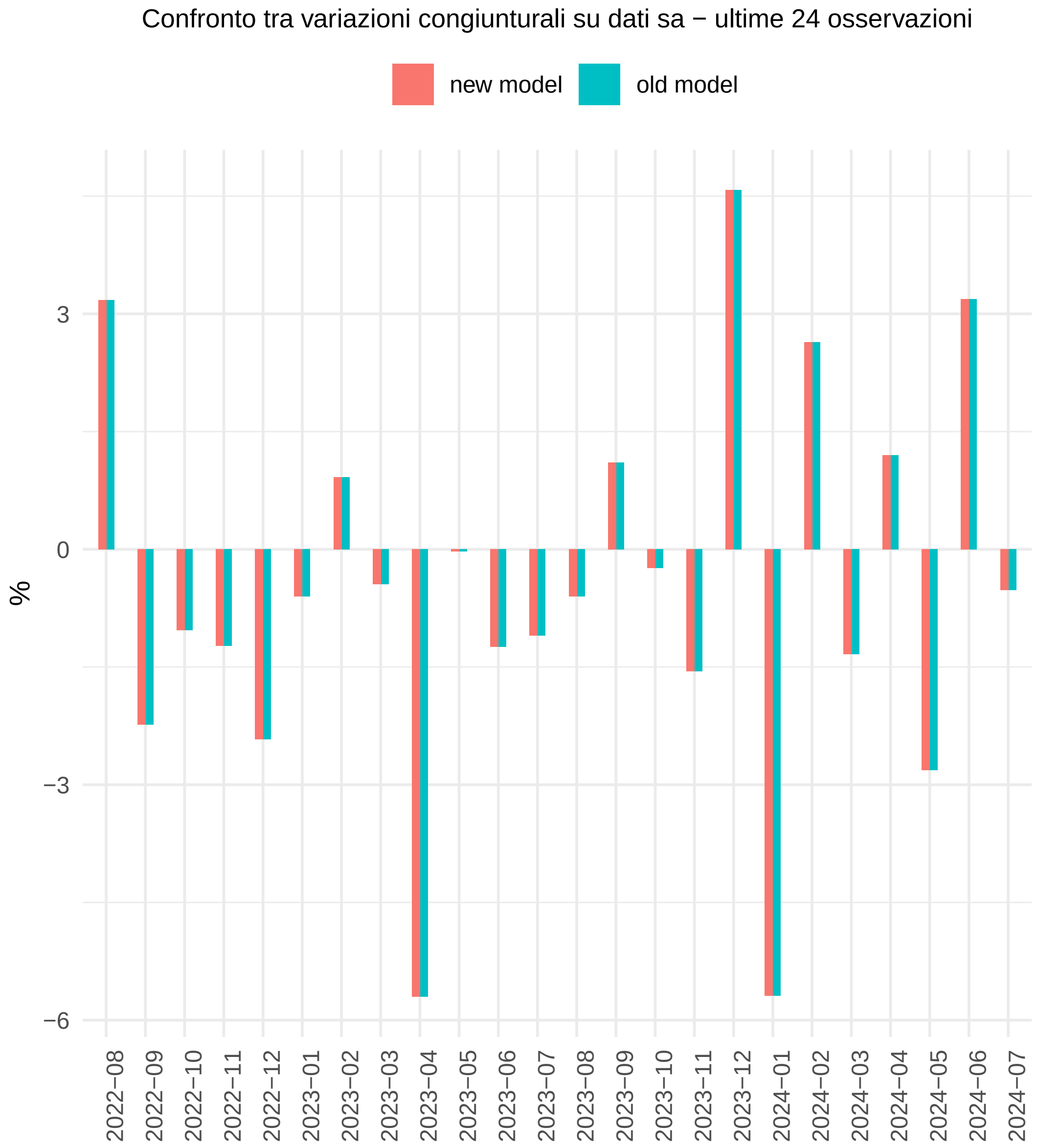


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni


INTEREST
raw and wda
raw and sa
seasonality
outliers
140
120
100
80
60
40
120
110
100
90
80
70
1.3
1.2
1.1
1.0
0.9
0.8
0.7
2005
2010
2015
2020
2025


INTEREST
SI ratio
1.1
1.0
0.9
0.8
0.7
J
F
M
A
M
J
J
A
S
O
N
D
periodogram
1e+02
5e+01
1e+01
5e+00
1e+00
5e−01
1e−01
5e−02
0
1
2
3
4
5
6
raw series
sa series

INTEREST


Confronto tra variazioni congiunturali su dati sa − ultime 24 osservazioni
new model
old model
%
3
0
−3
−6
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
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2023−09
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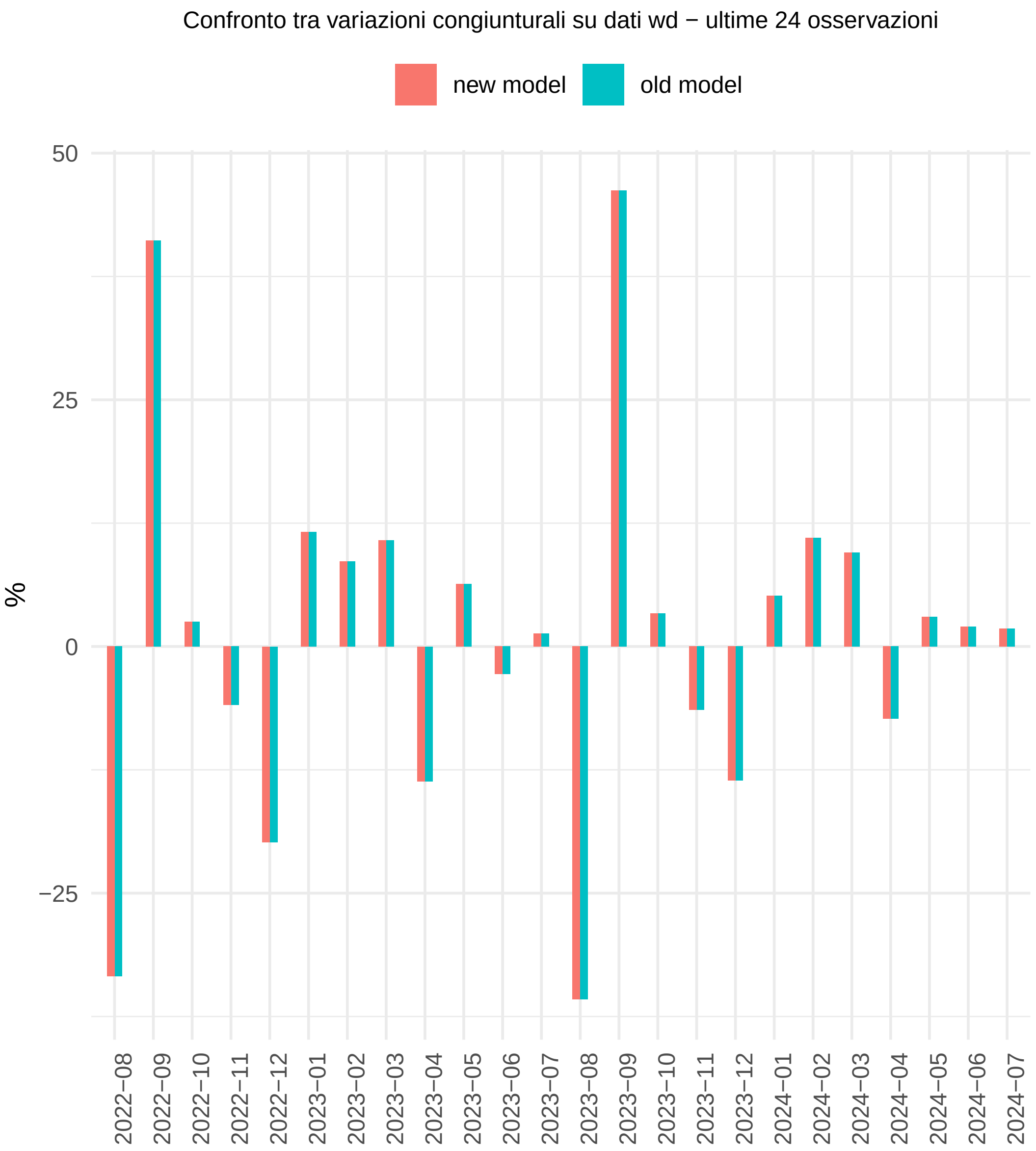
2023−11
2023−12
2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07


Confronto tra variazioni congiunturali su dati wd − ultime 24 osservazioni
new model
old model
%
50
25
0
−25
2022−08
2022−09
2022−10
2022−11
2022−12
2023−01
2023−02
2023−03
2023−04
2023−05
2023−06
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2023−10
2023−11
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2024−01
2024−02
2024−03
2024−04
2024−05
2024−06
2024−07