

Supplement of Geosci. Model Dev., 14, 1237–1252, 2021
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Supplement of

On the model uncertainties in Bayesian source reconstruction using an ensemble of weather predictions, the emission inverse modelling system FREAR v1.0, and the Lagrangian transport and dispersion model Flexpart v9.0.2

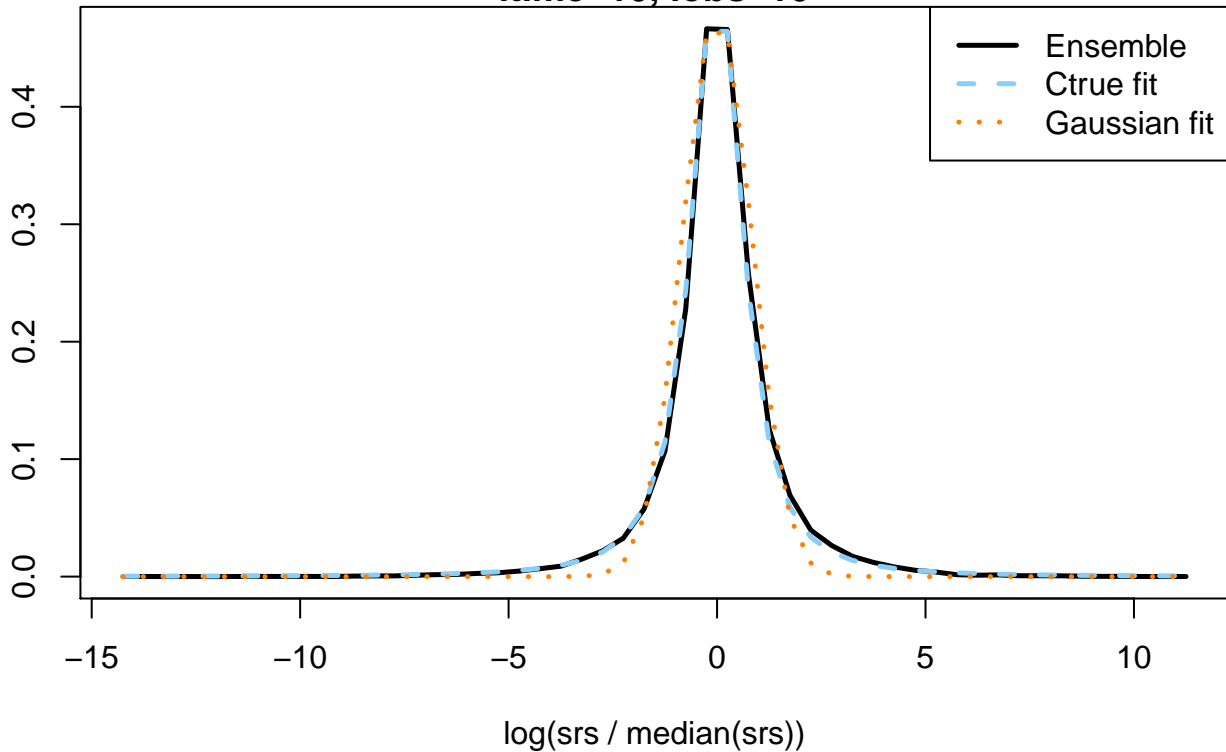
Pieter De Meutter et al.

Correspondence to: Pieter De Meutter (pieter.de.meutter@sckcen.be)

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itime=10, iobs=10

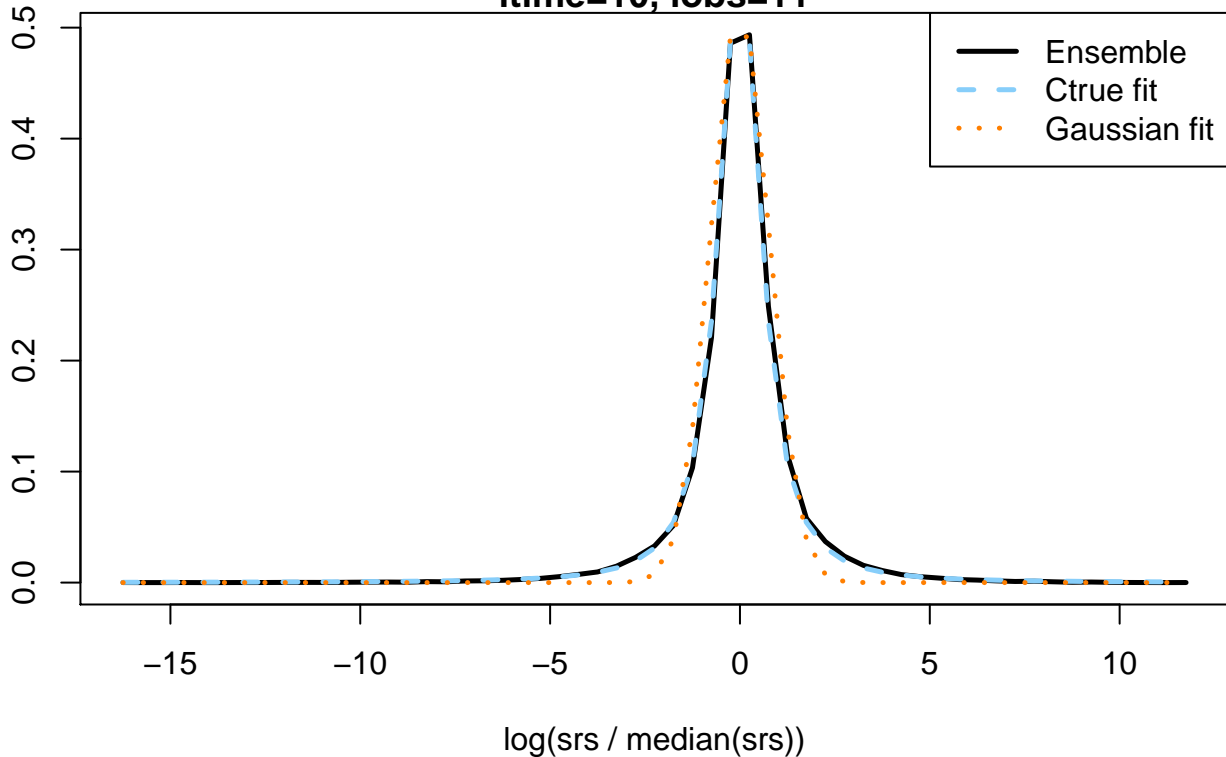
density



— Ensemble
- - Ctrue fit
... Gaussian fit

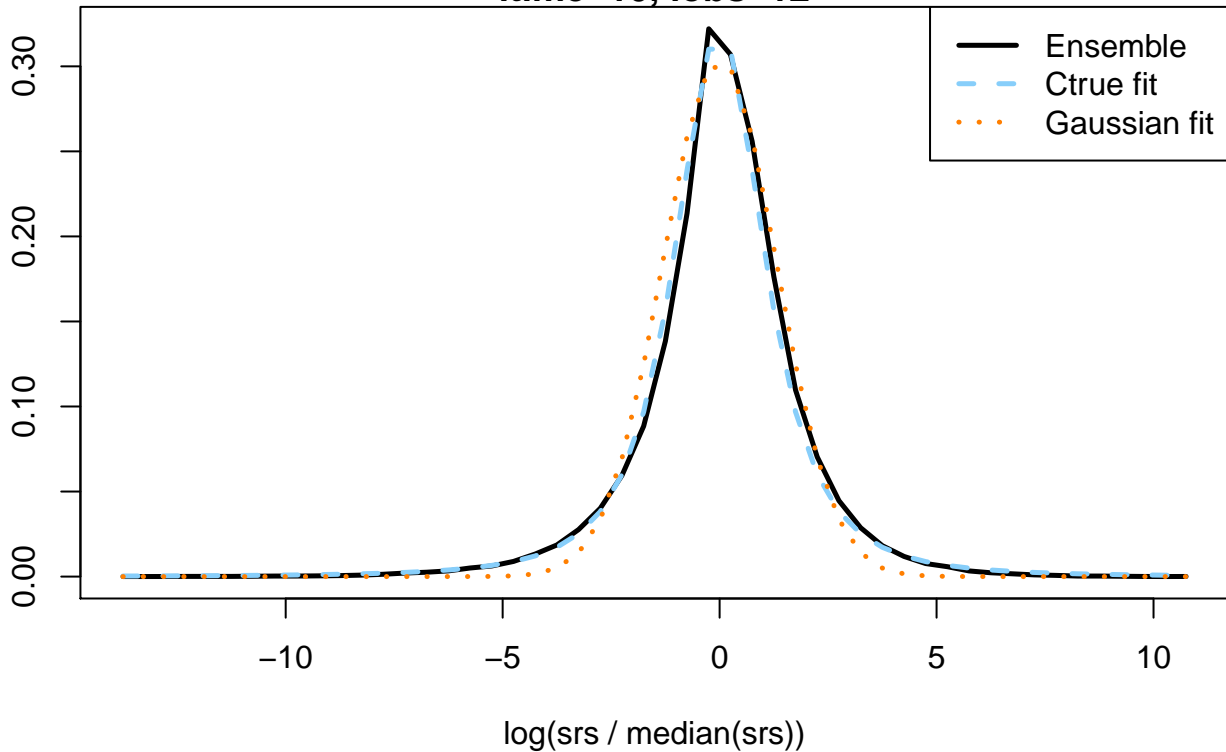
itime=10, iobs=11

density



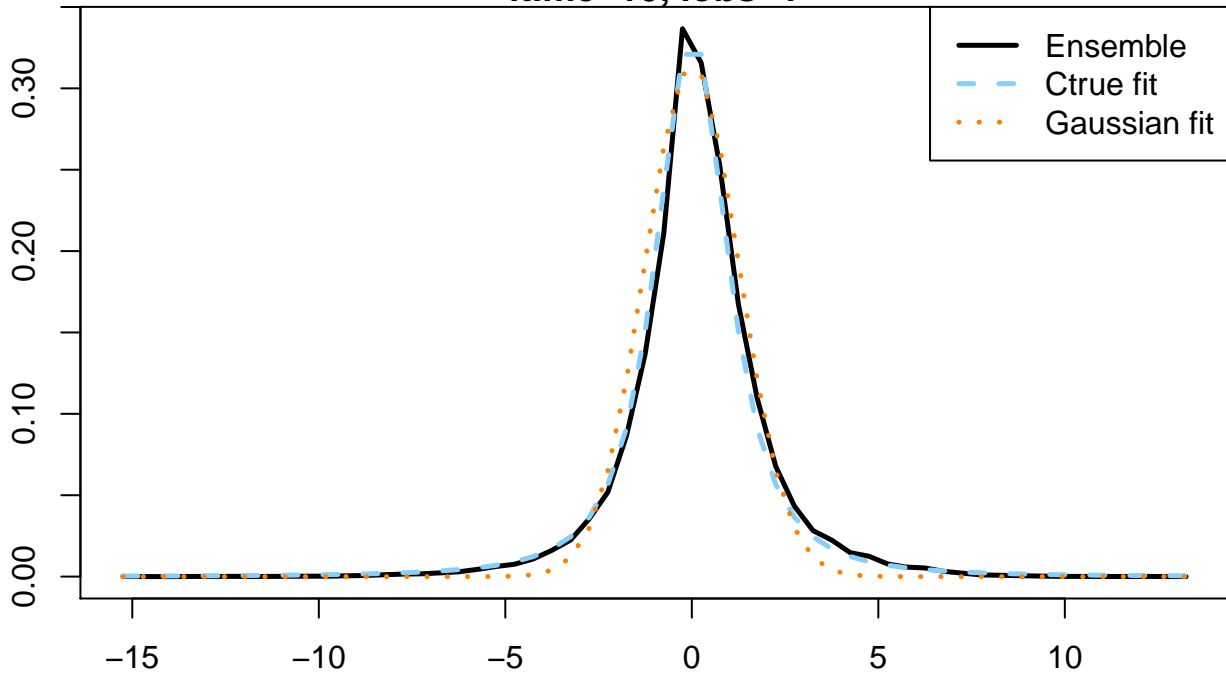
itime=10, iobs=12

density



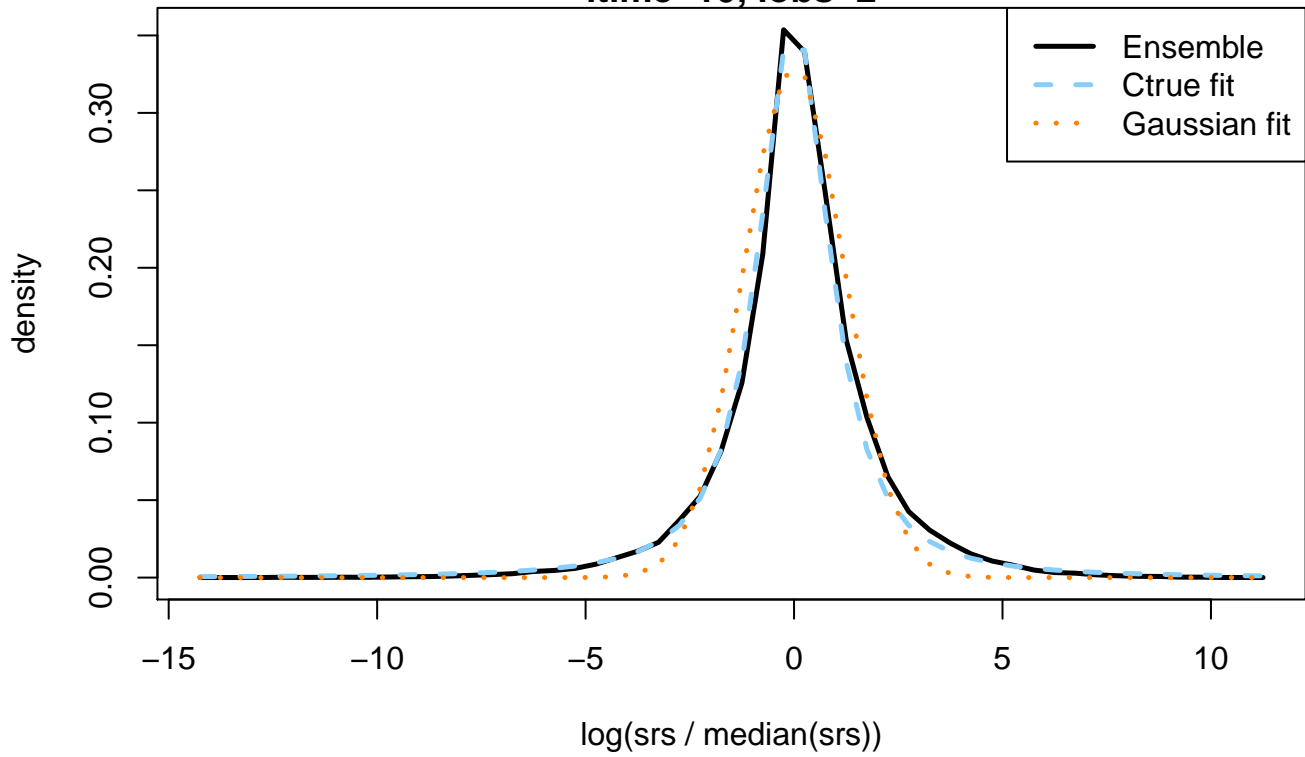
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density



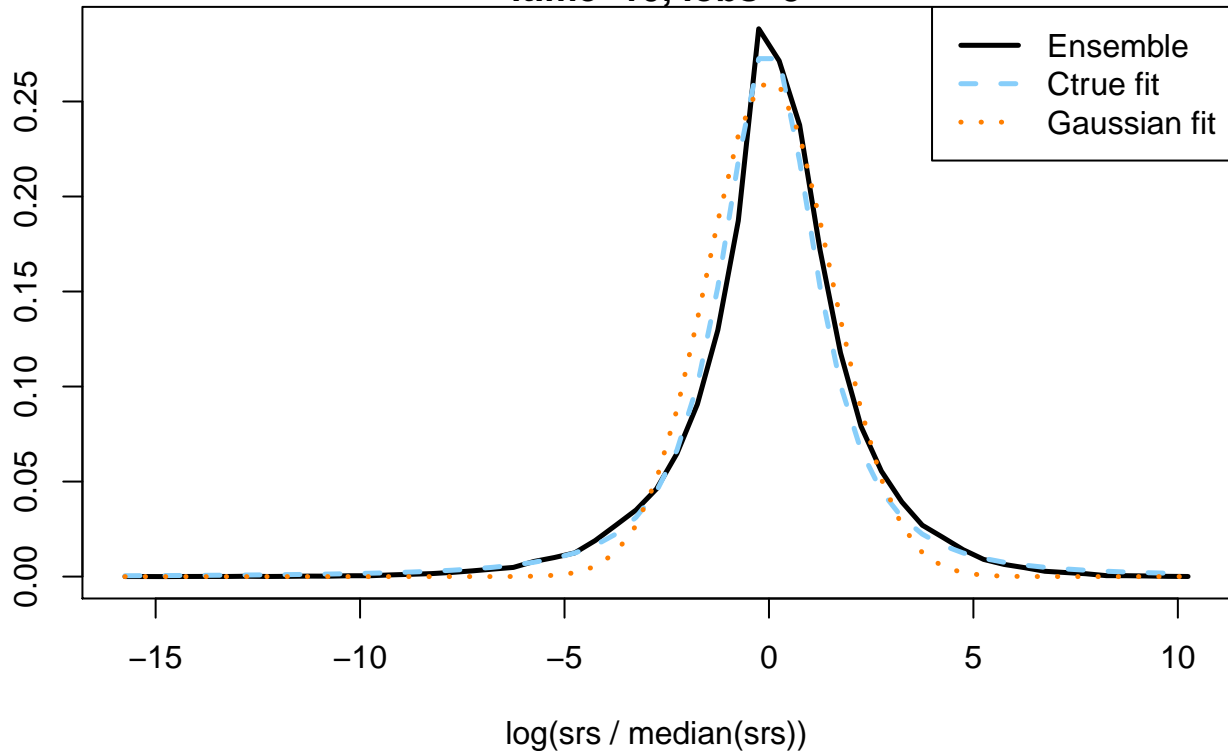
log(srs / median(srs))

itime=10, iobs=2



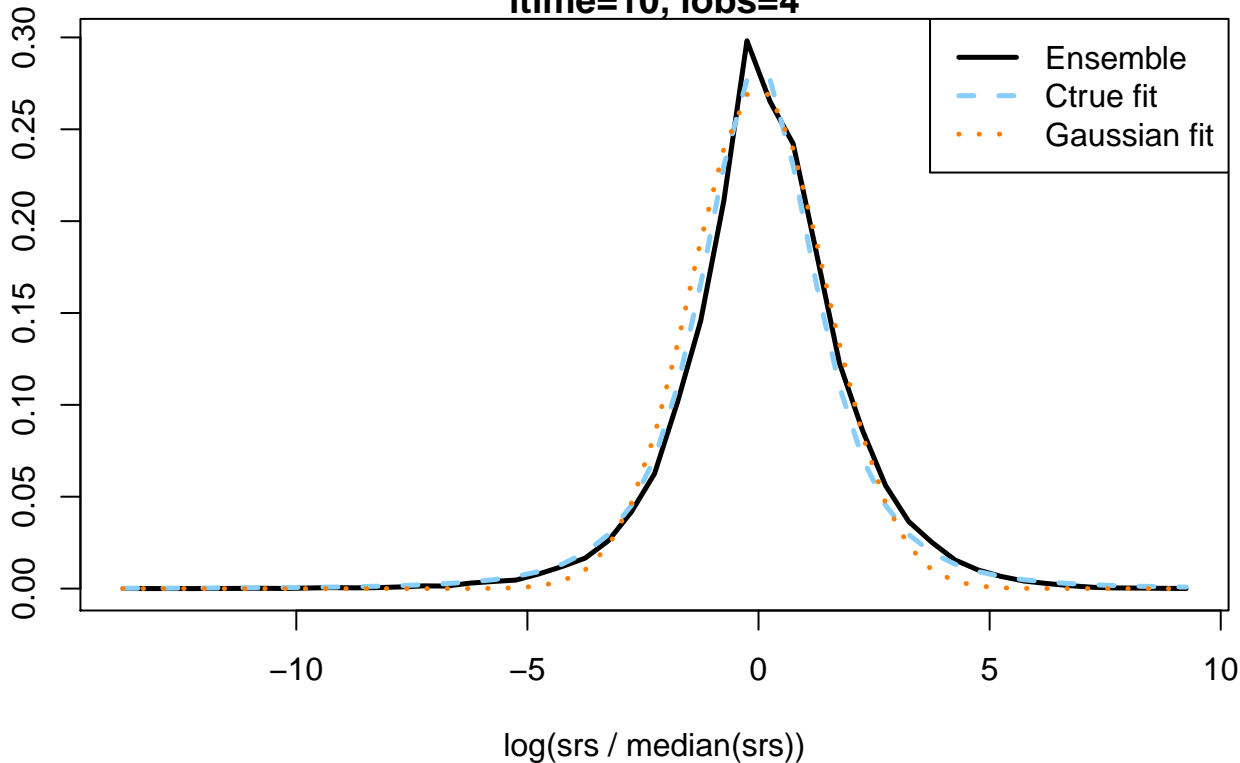
itime=10, iobs=3

density



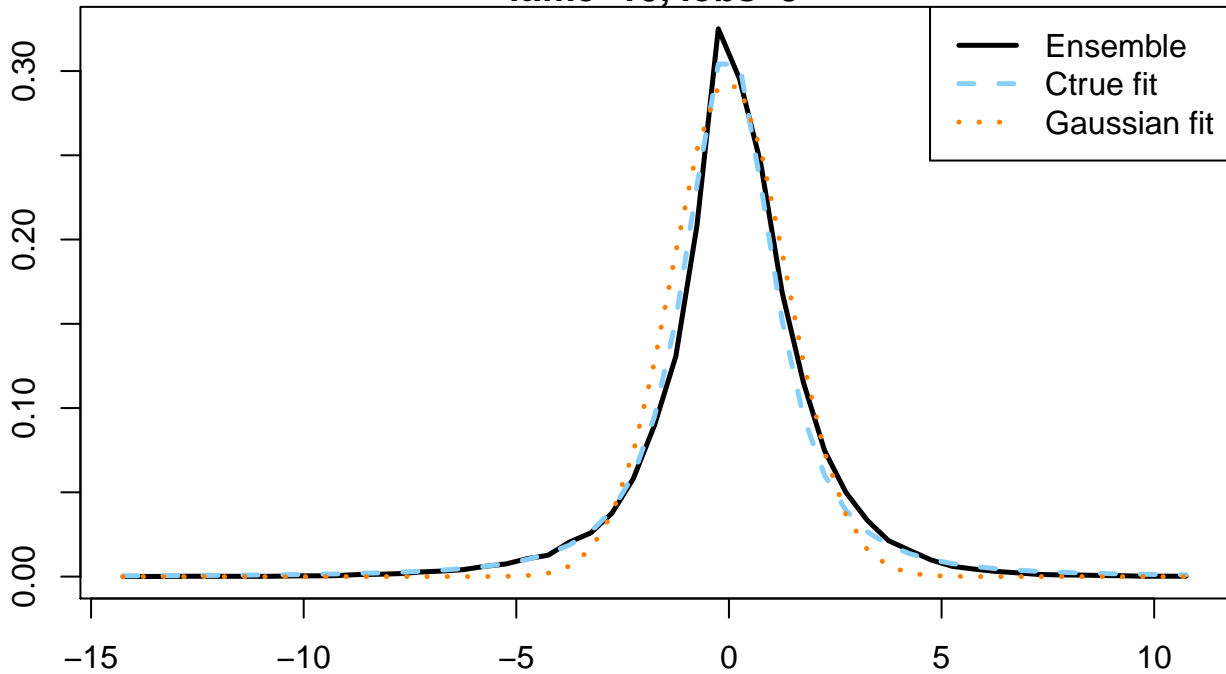
itime=10, iobs=4

density



itime=10, iobs=5

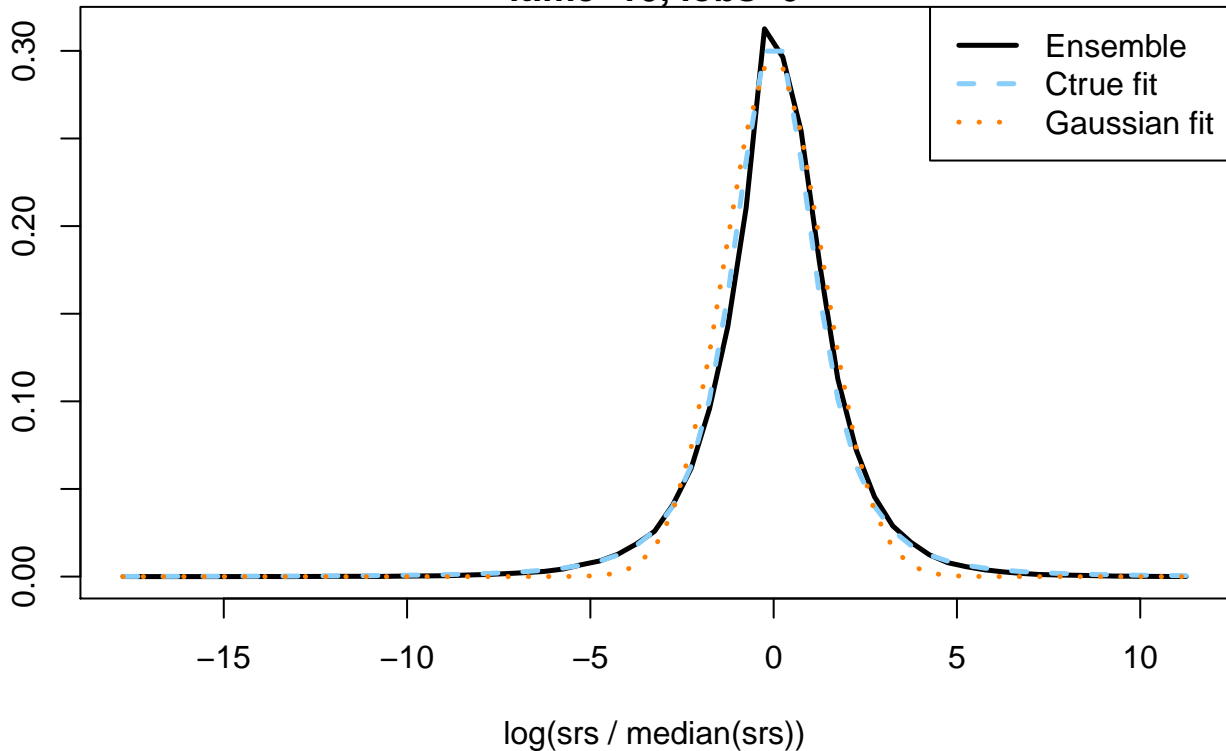
density



log(srs / median(srs))

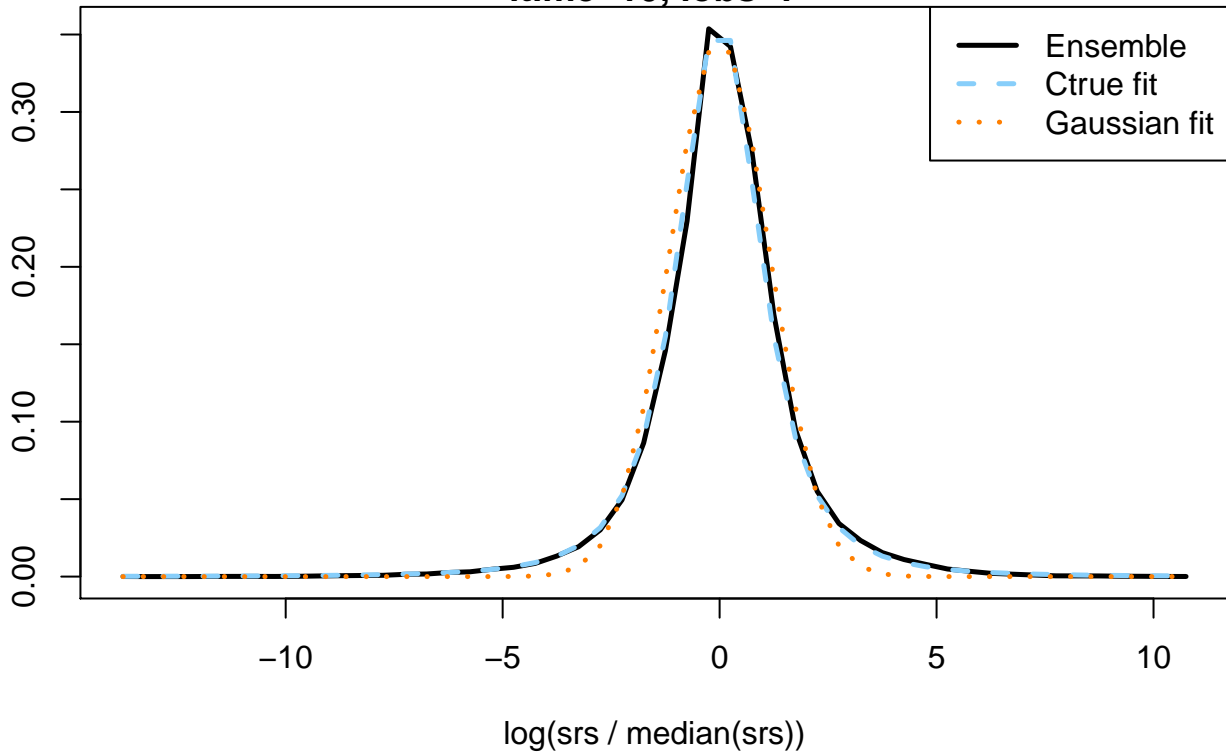
itime=10, iobs=6

density



itime=10, iobs=7

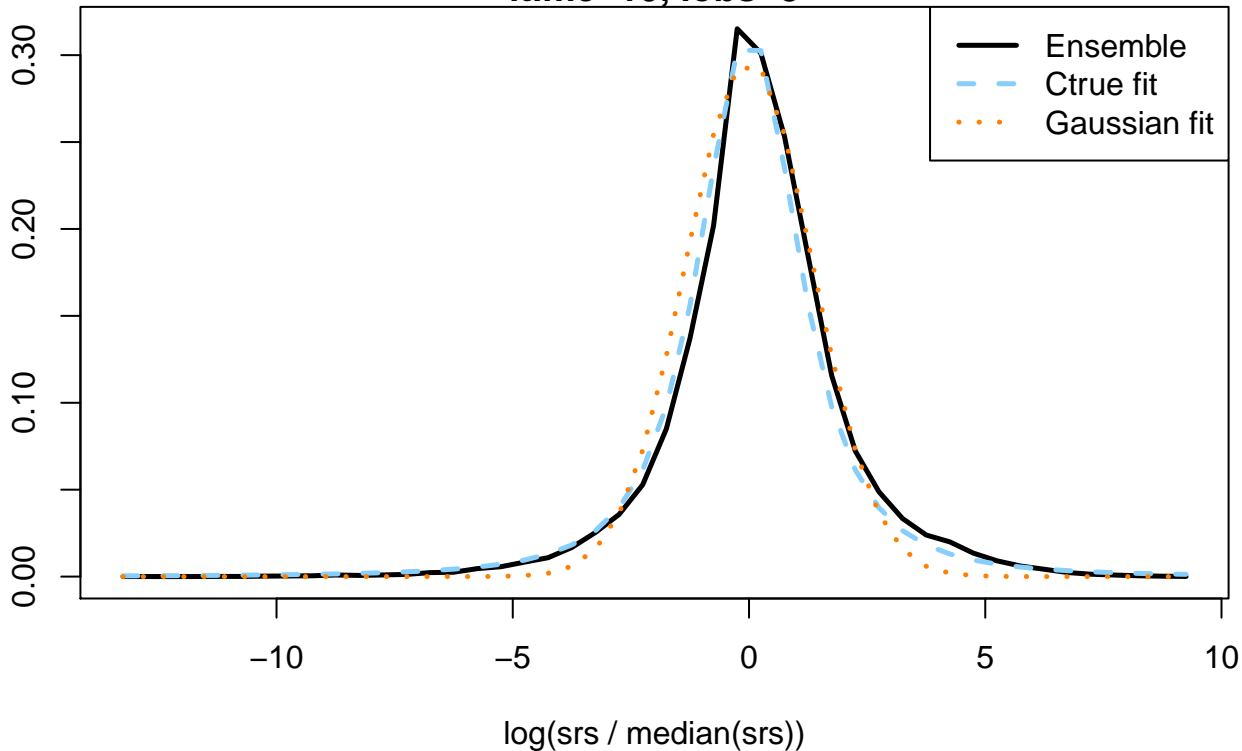
density



— Ensemble
- - Ctrue fit
... Gaussian fit

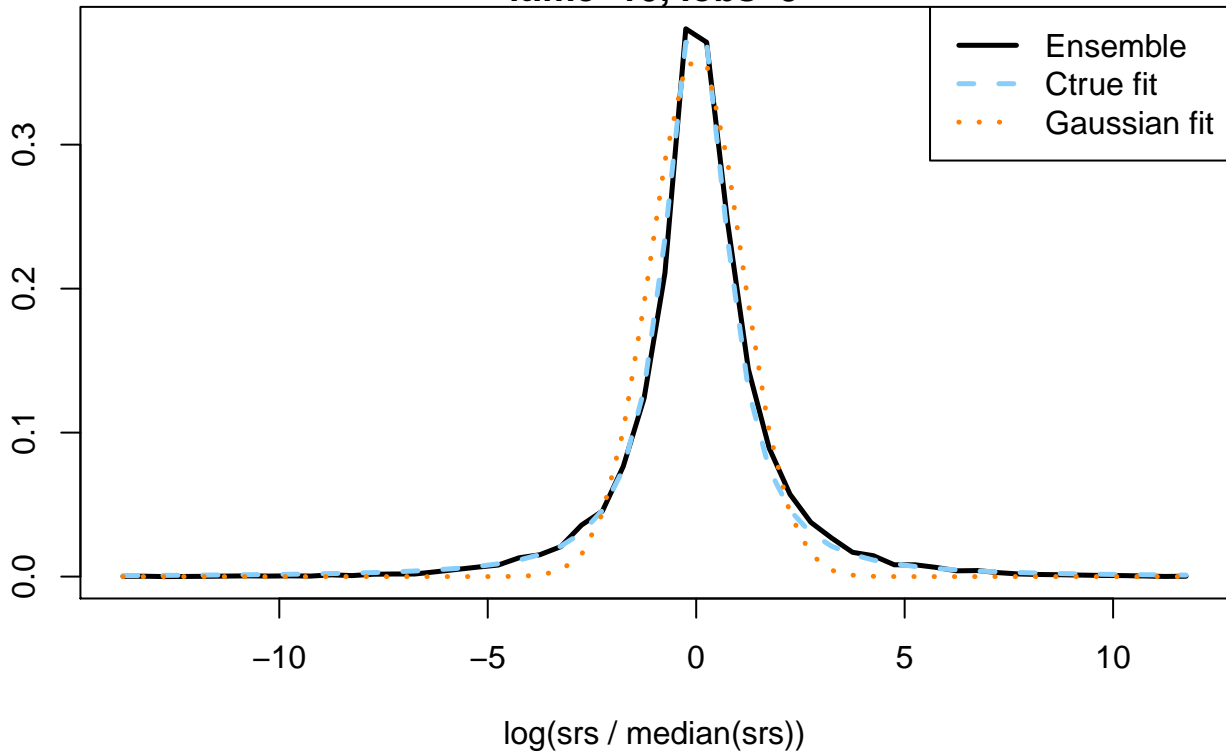
itime=10, iobs=8

density



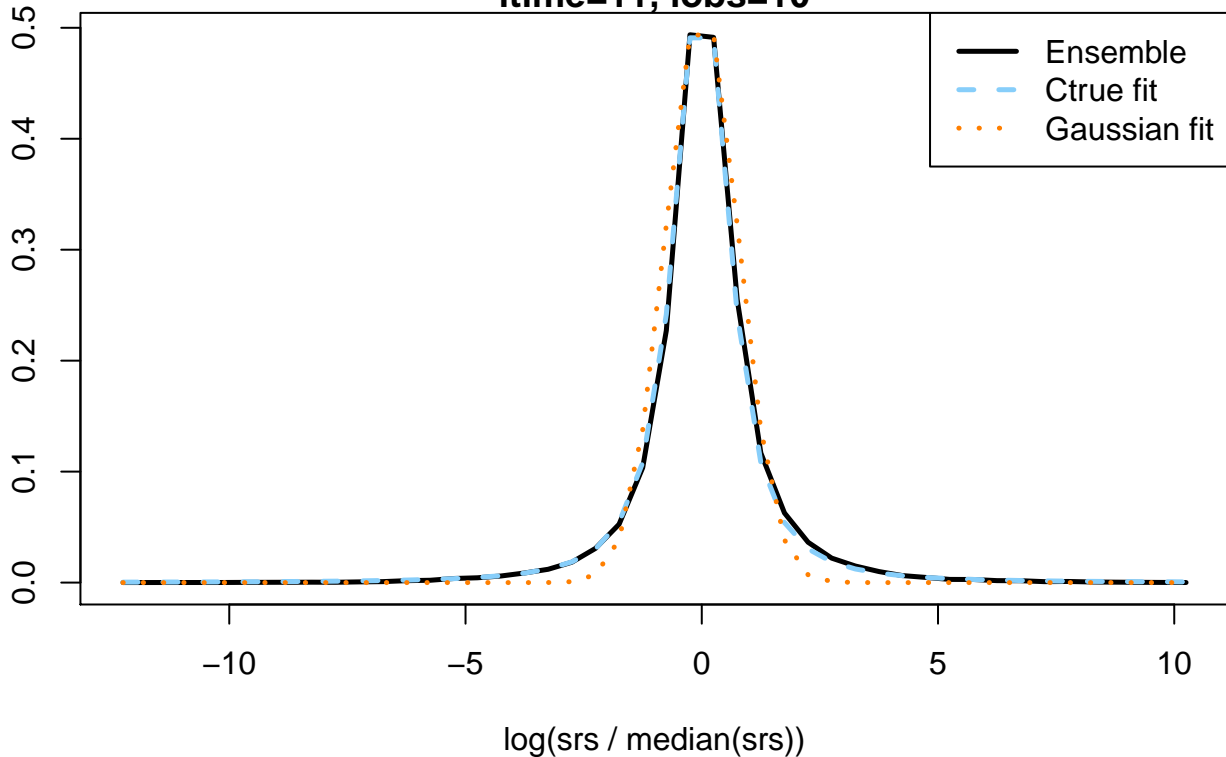
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density



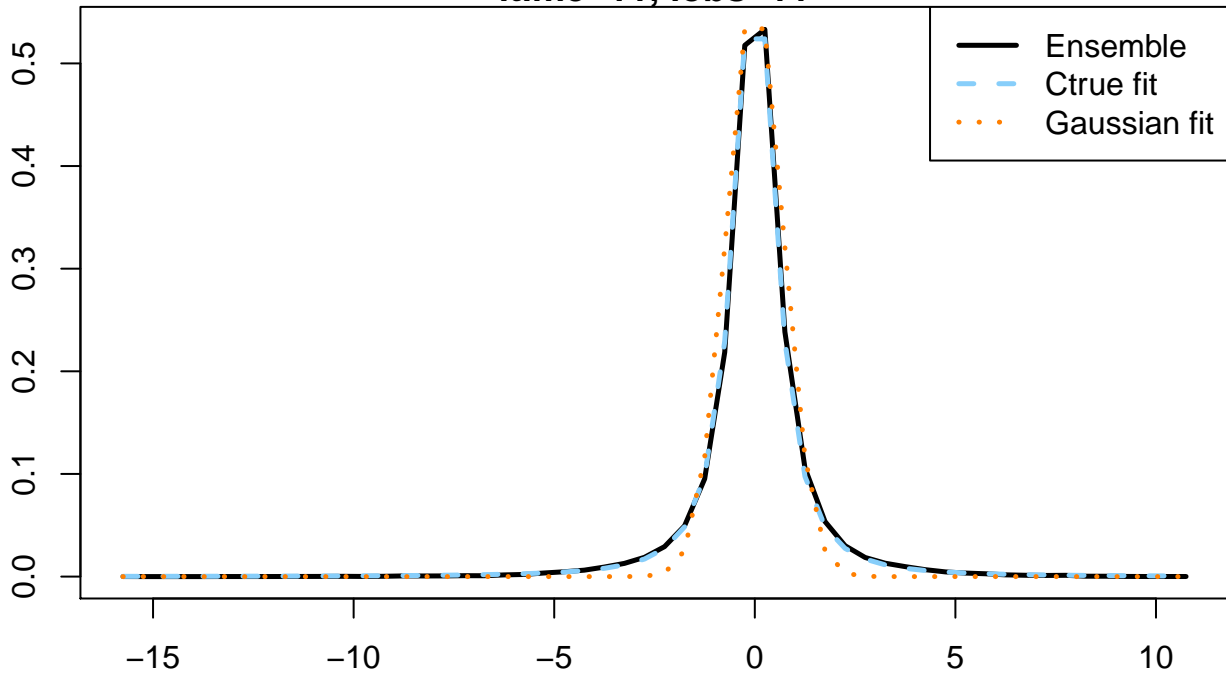
itime=11, iobs=10

density



itime=11, iobs=11

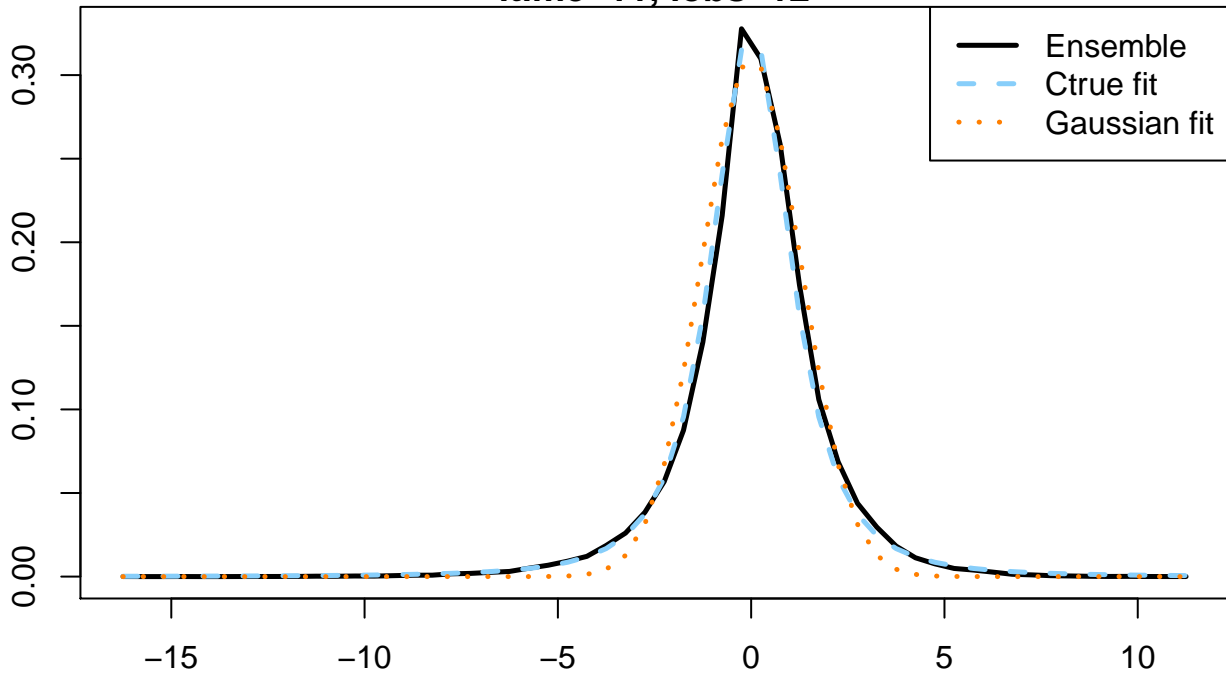
density



$\log(\text{srs} / \text{median}(\text{srs}))$

itime=11, iobs=12

density

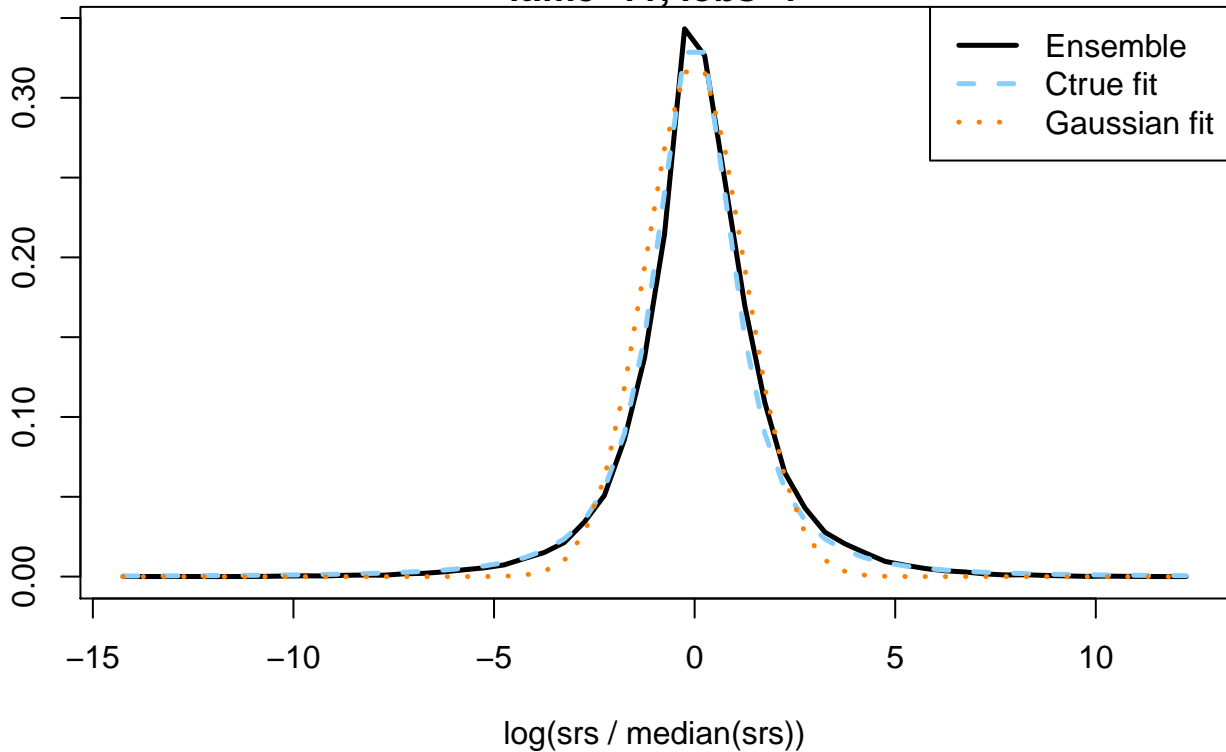


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

itime=11, iobs=1

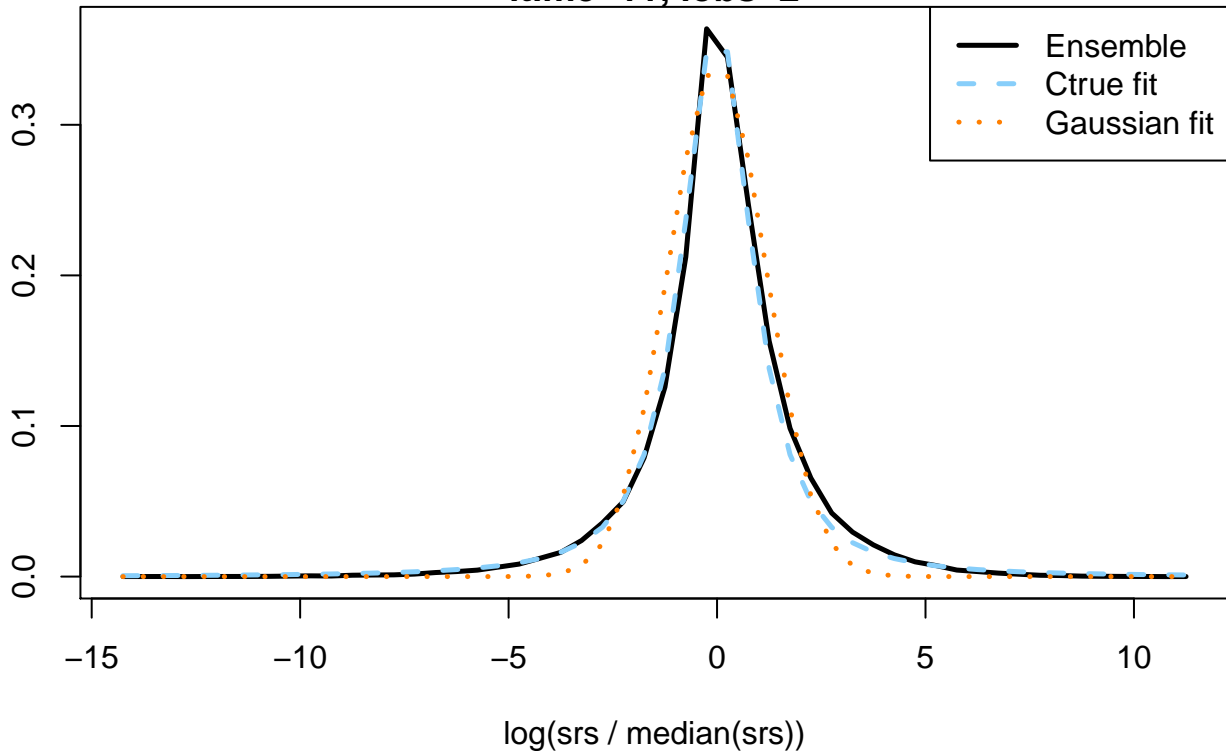
density



— Ensemble
- - Ctrue fit
... Gaussian fit

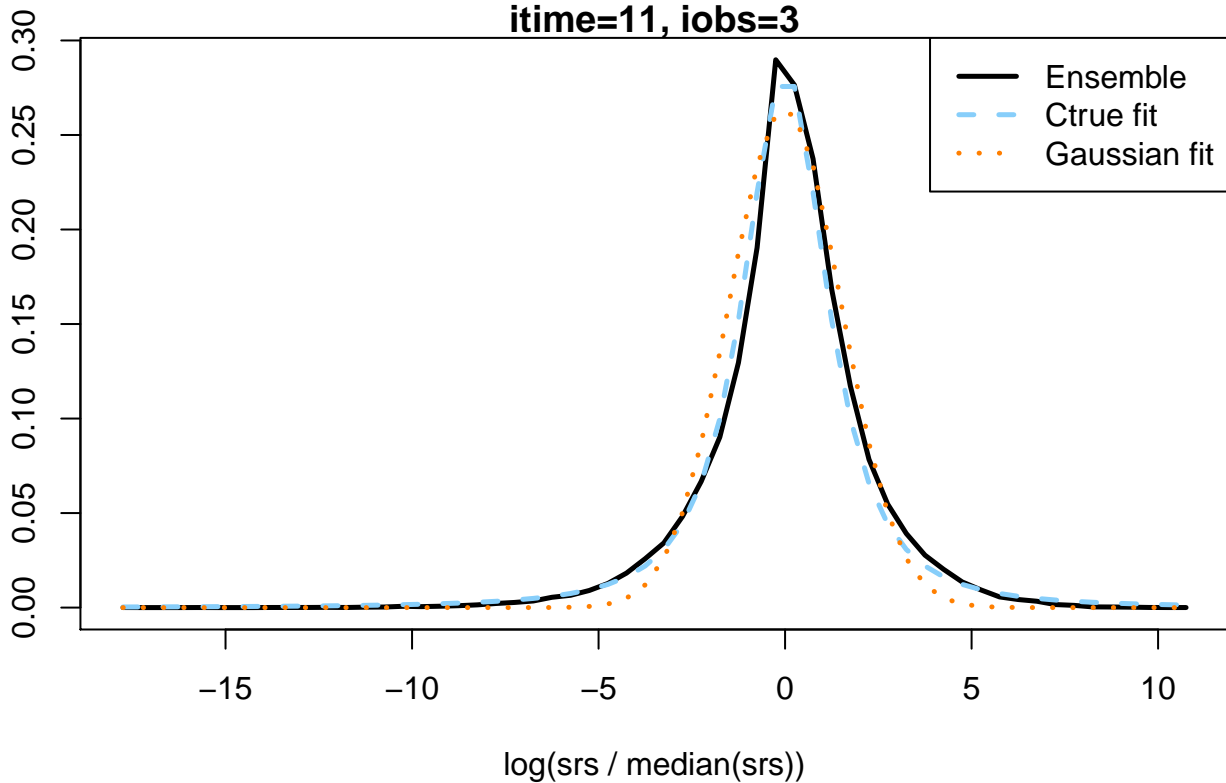
itime=11, iobs=2

density



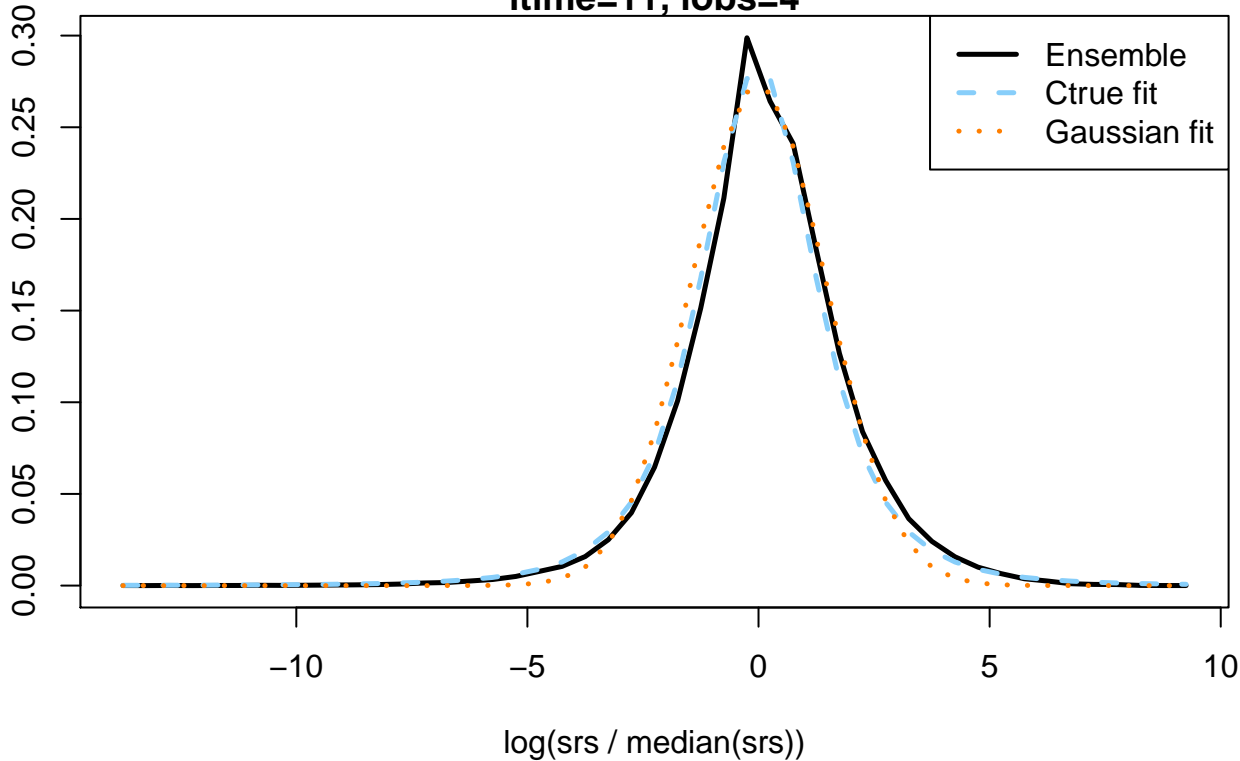
itime=11, iobs=3

density



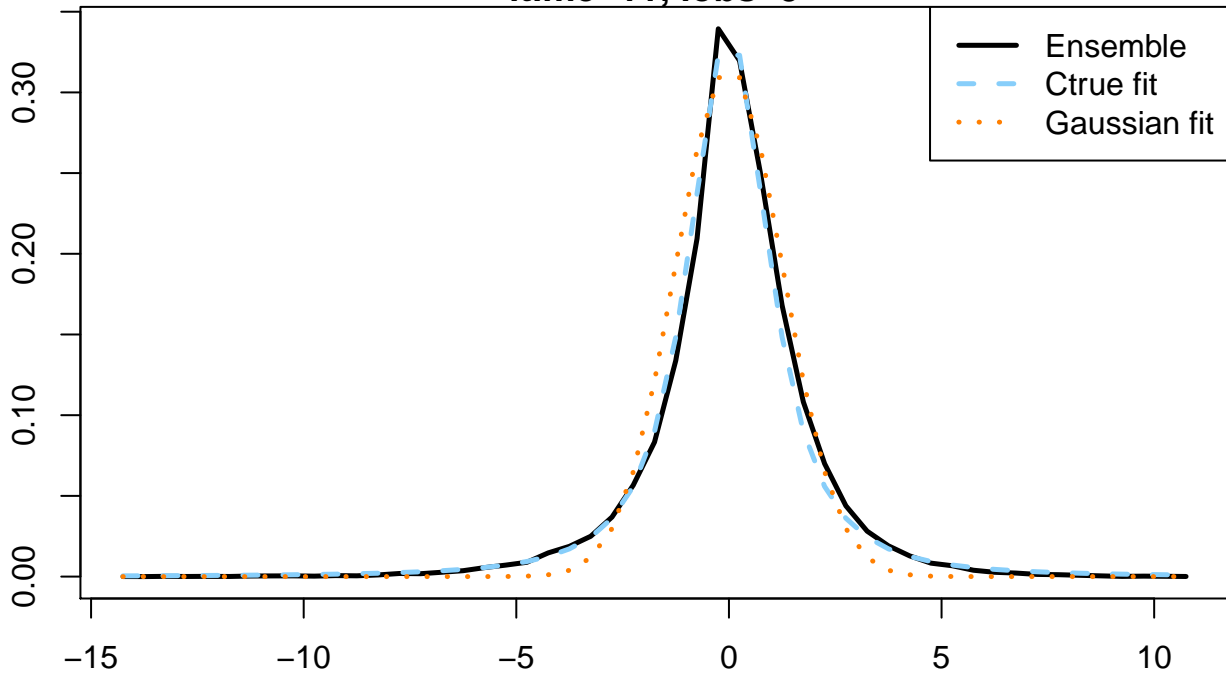
itime=11, iobs=4

density



itime=11, iobs=5

density

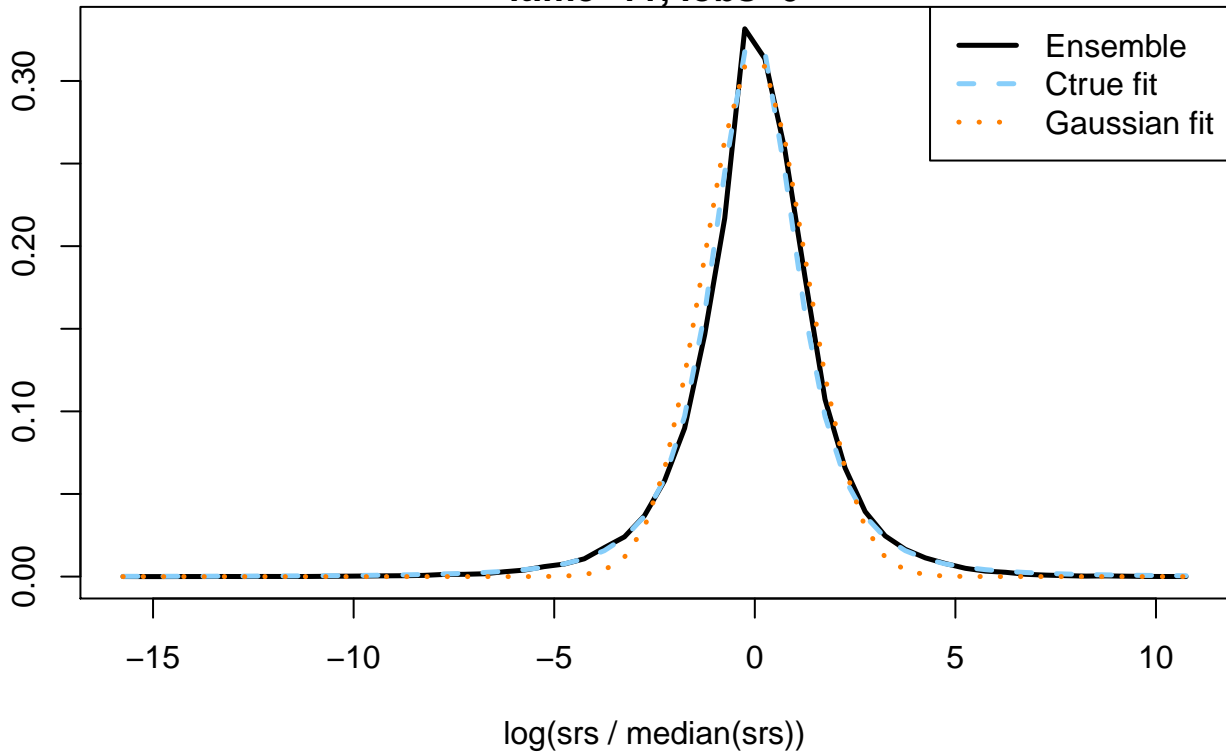


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

itime=11, iobs=6

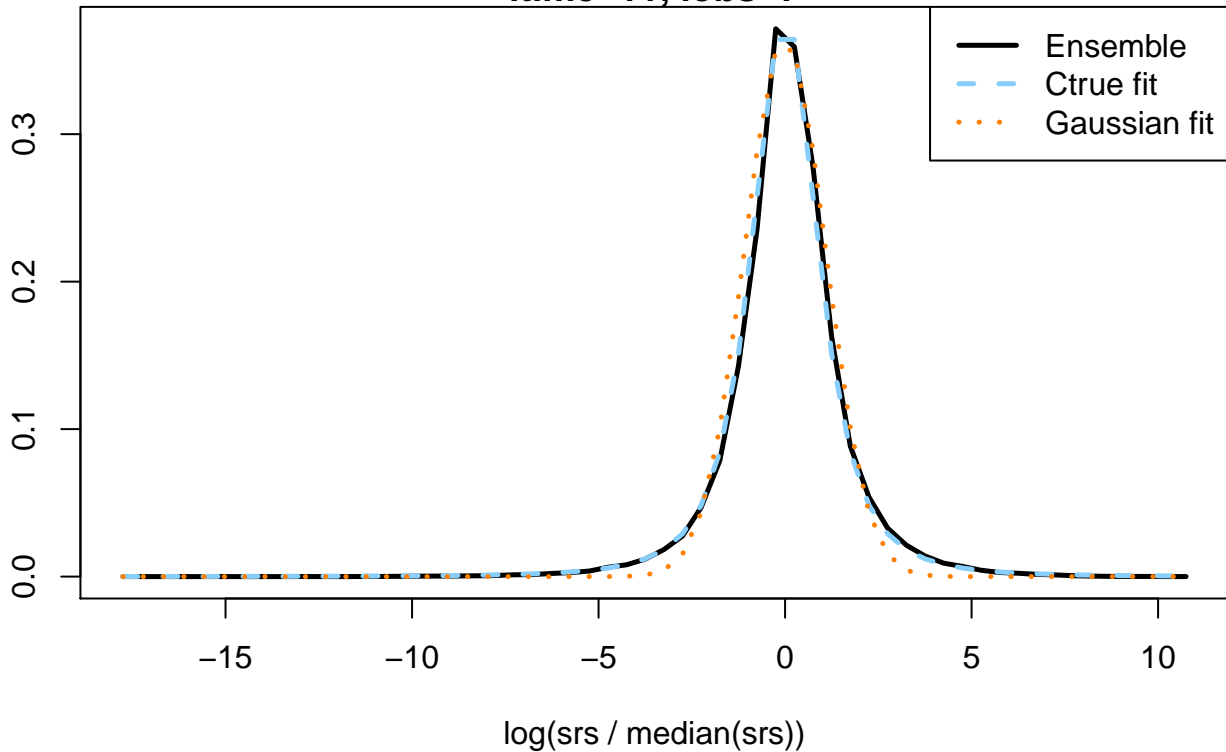
density



— Ensemble
- - Ctrue fit
... Gaussian fit

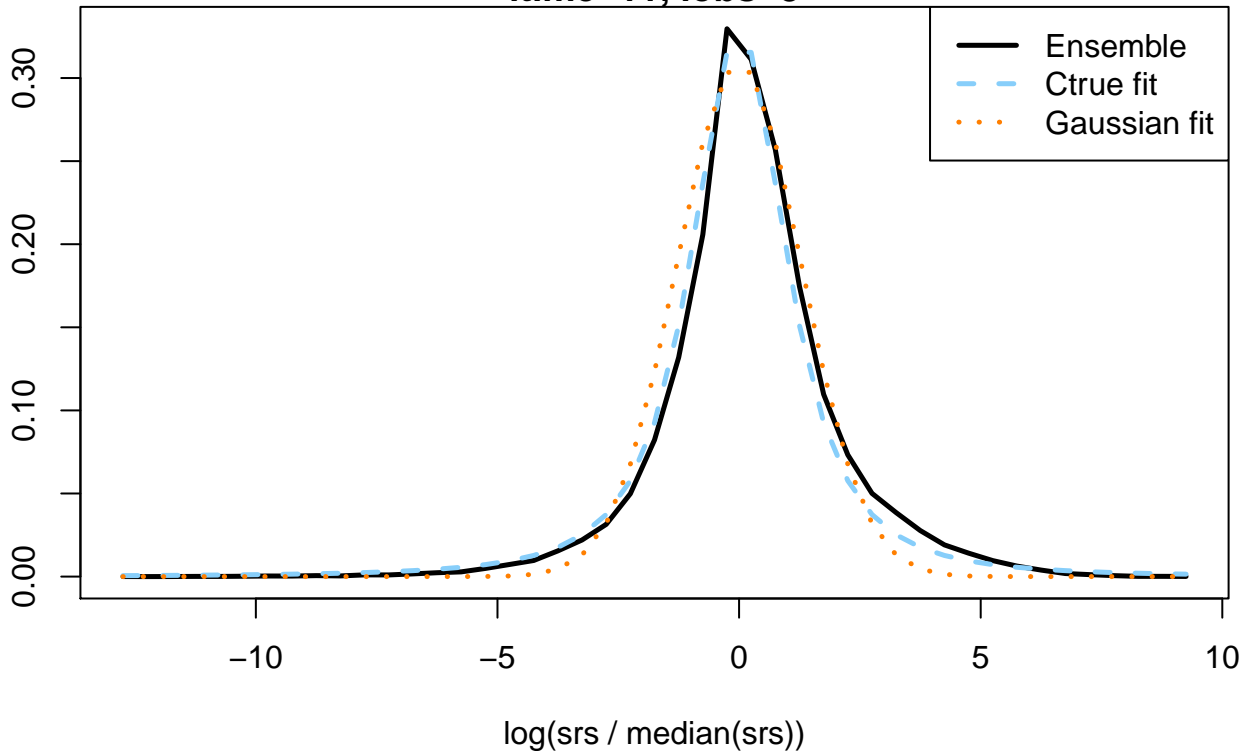
itime=11, iobs=7

density



itime=11, iobs=8

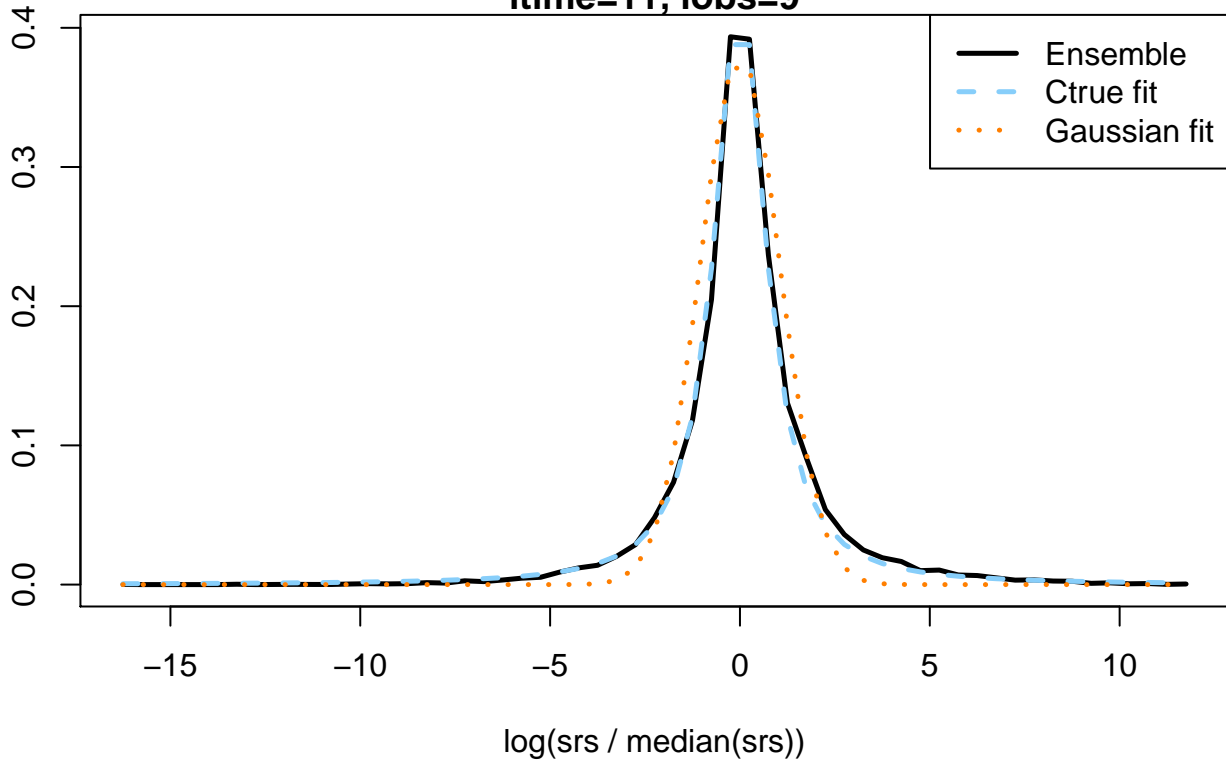
density



— Ensemble
- - Ctrue fit
... Gaussian fit

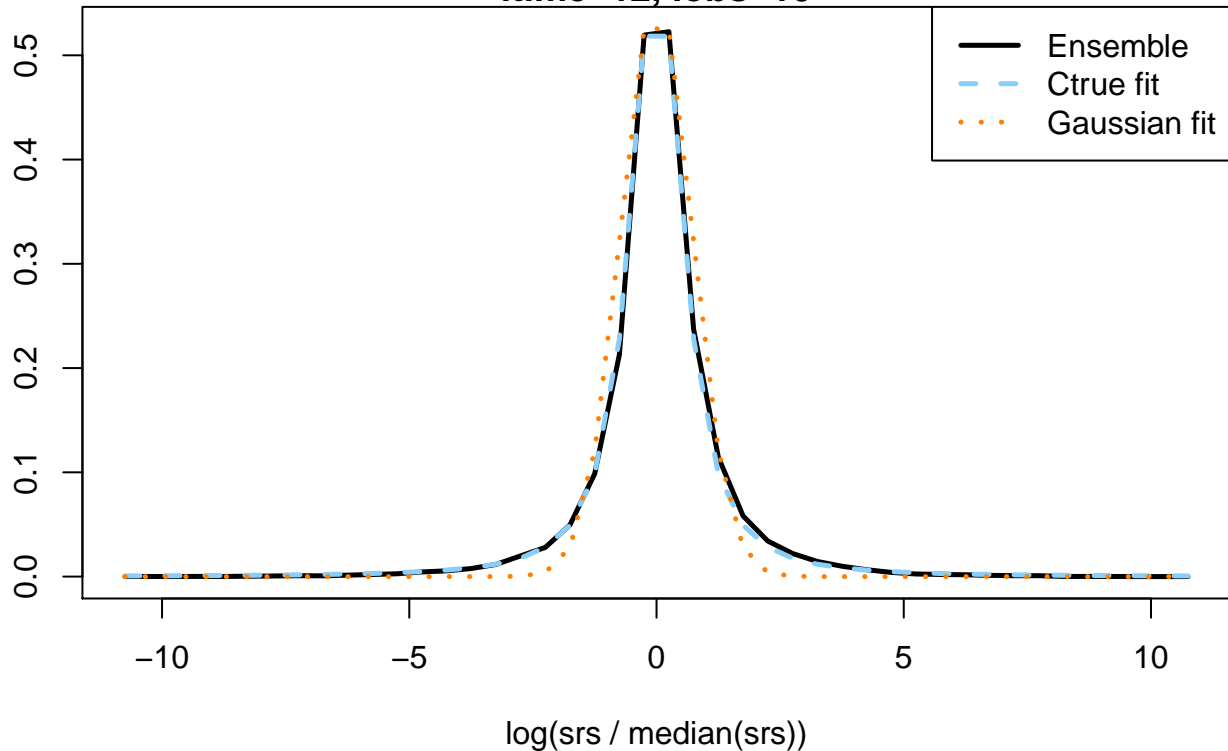
itime=11, iobs=9

density



itime=12, iobs=10

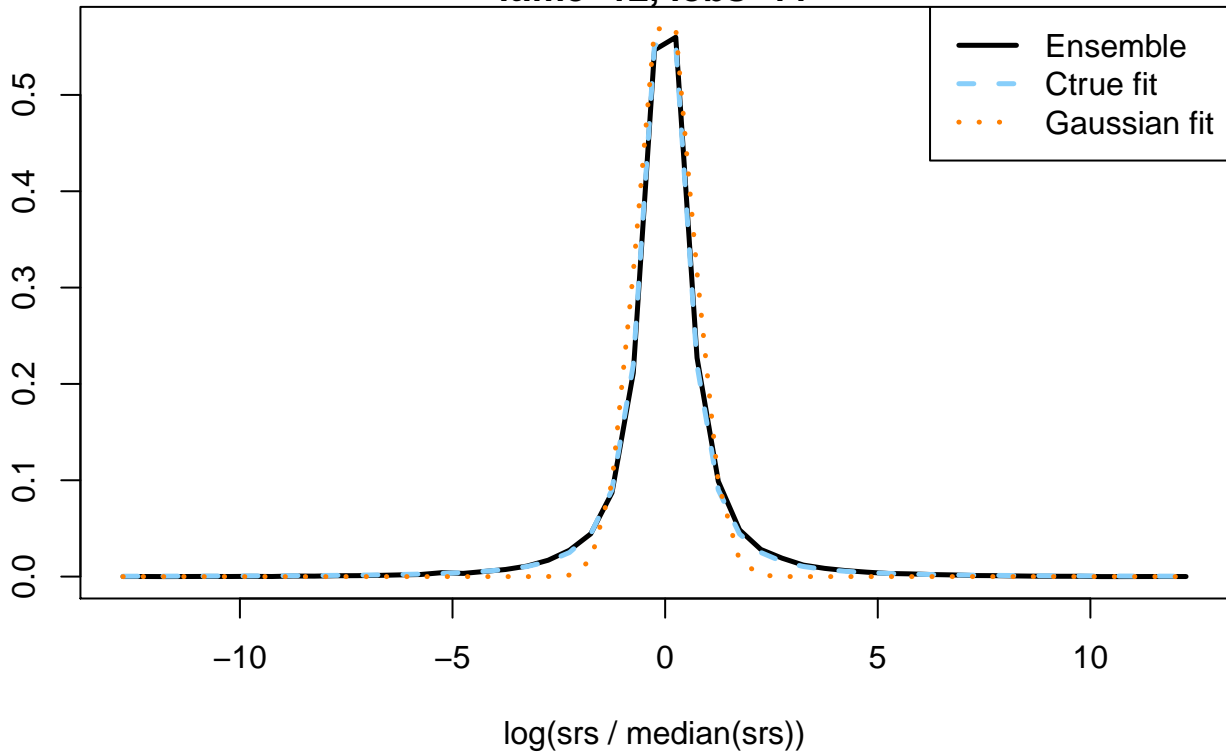
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=12, iobs=11

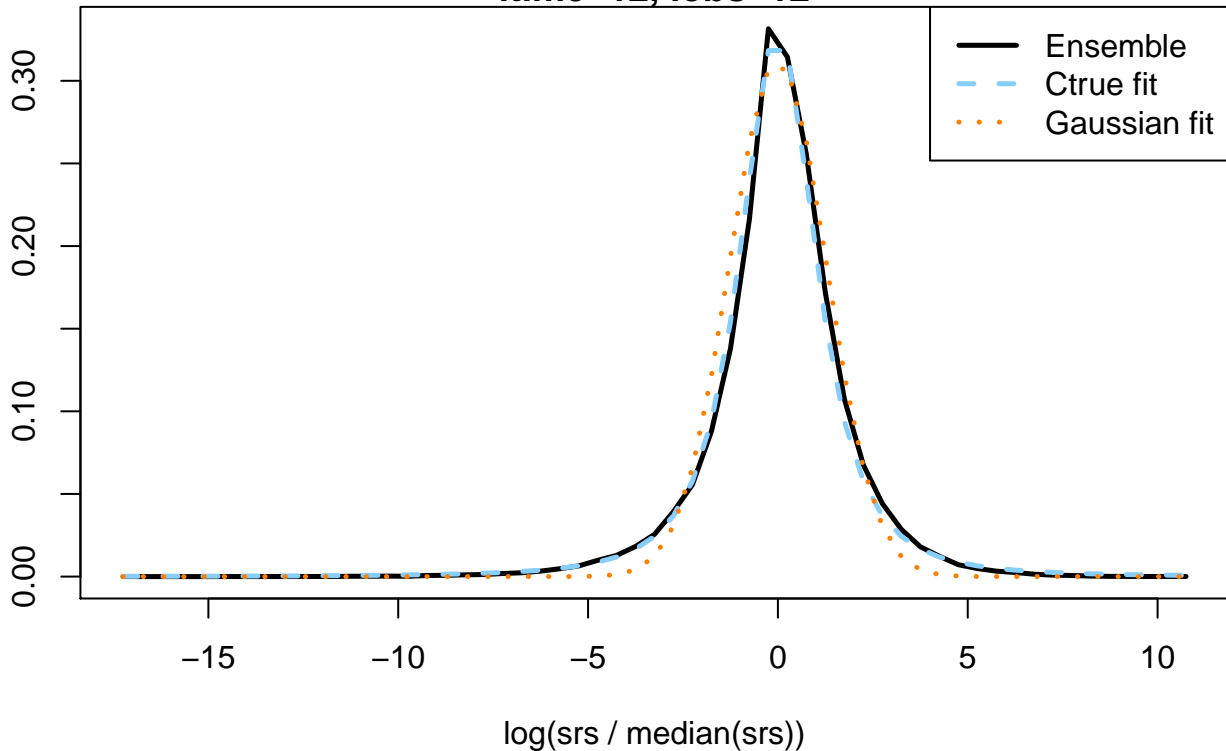
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=12, iobs=12

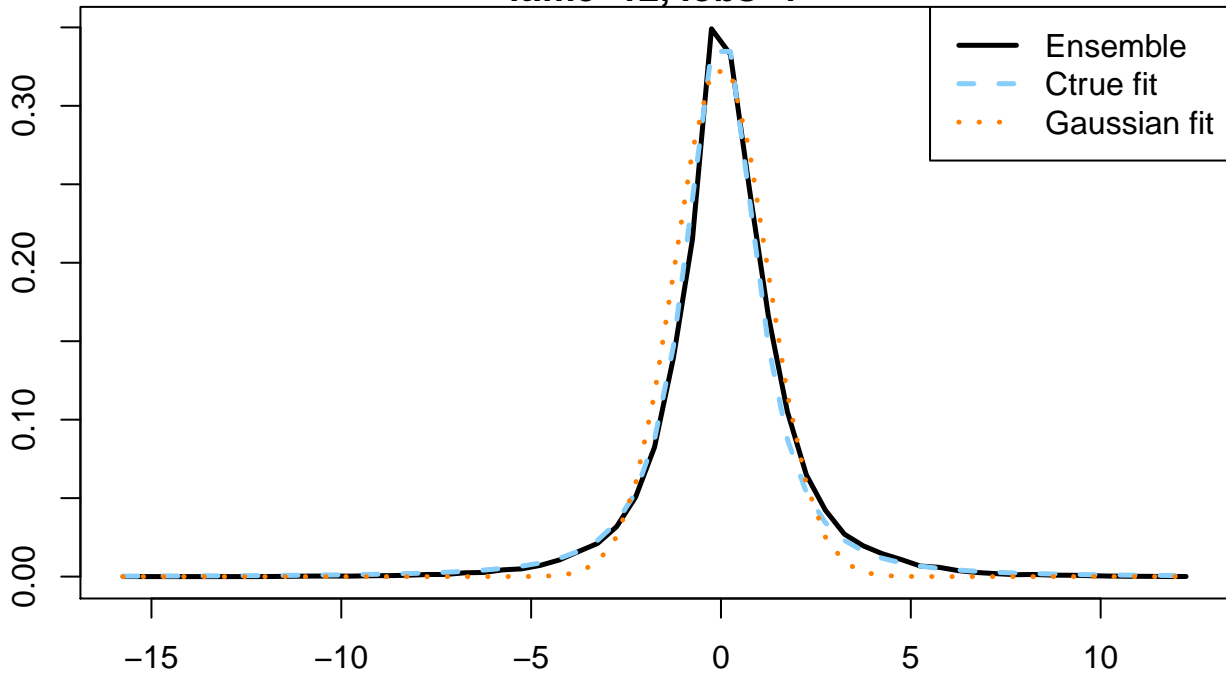
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=12, iobs=1

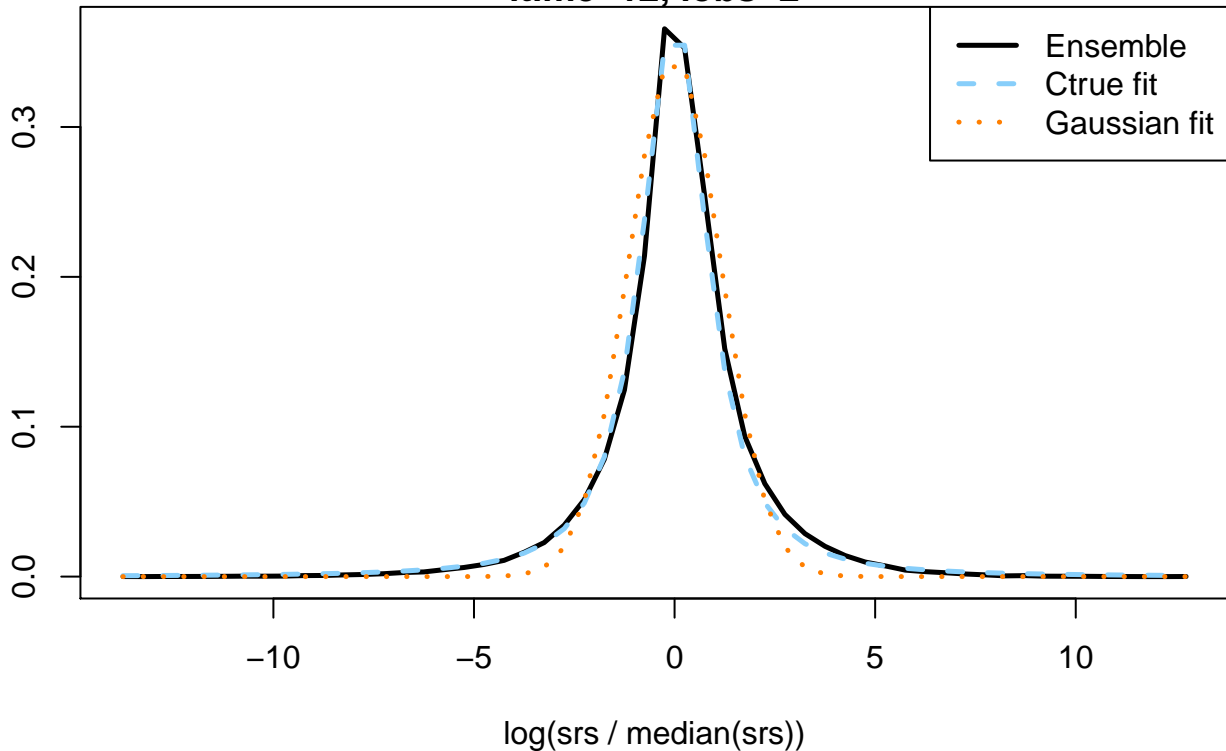
density



log(srs / median(srs))

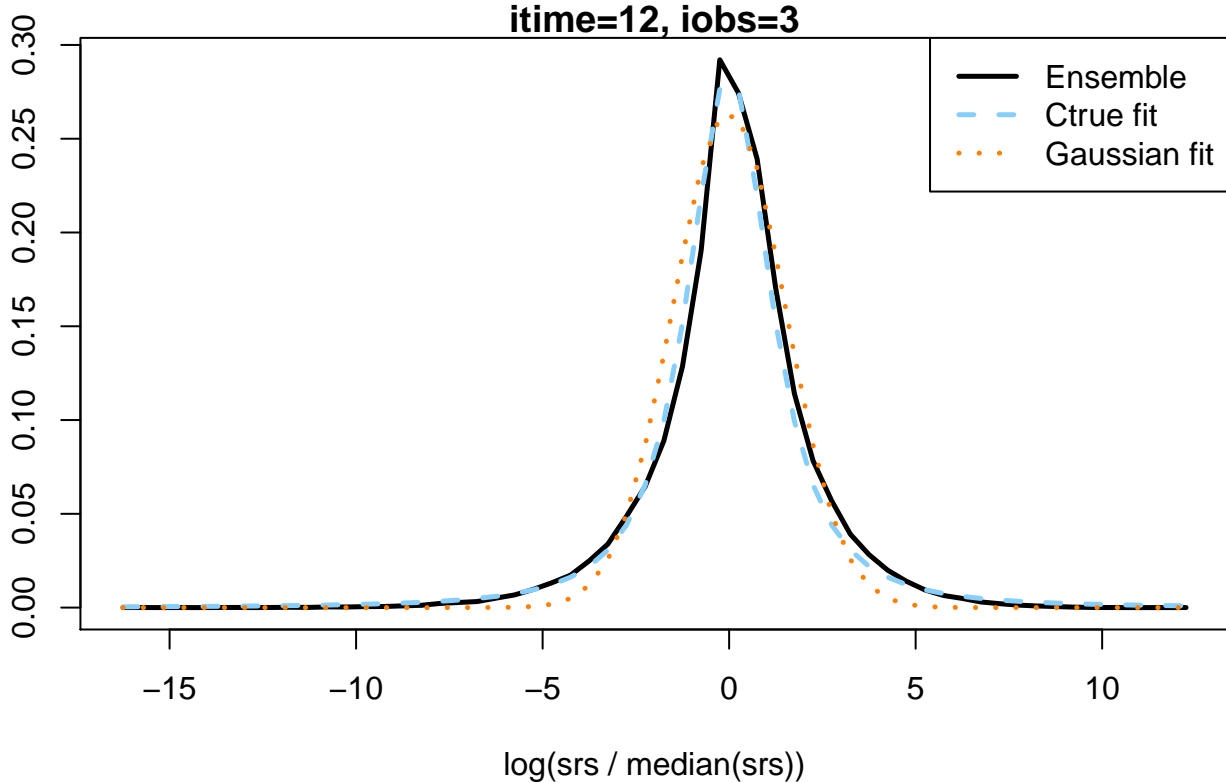
itime=12, iobs=2

density



itime=12, iobs=3

density

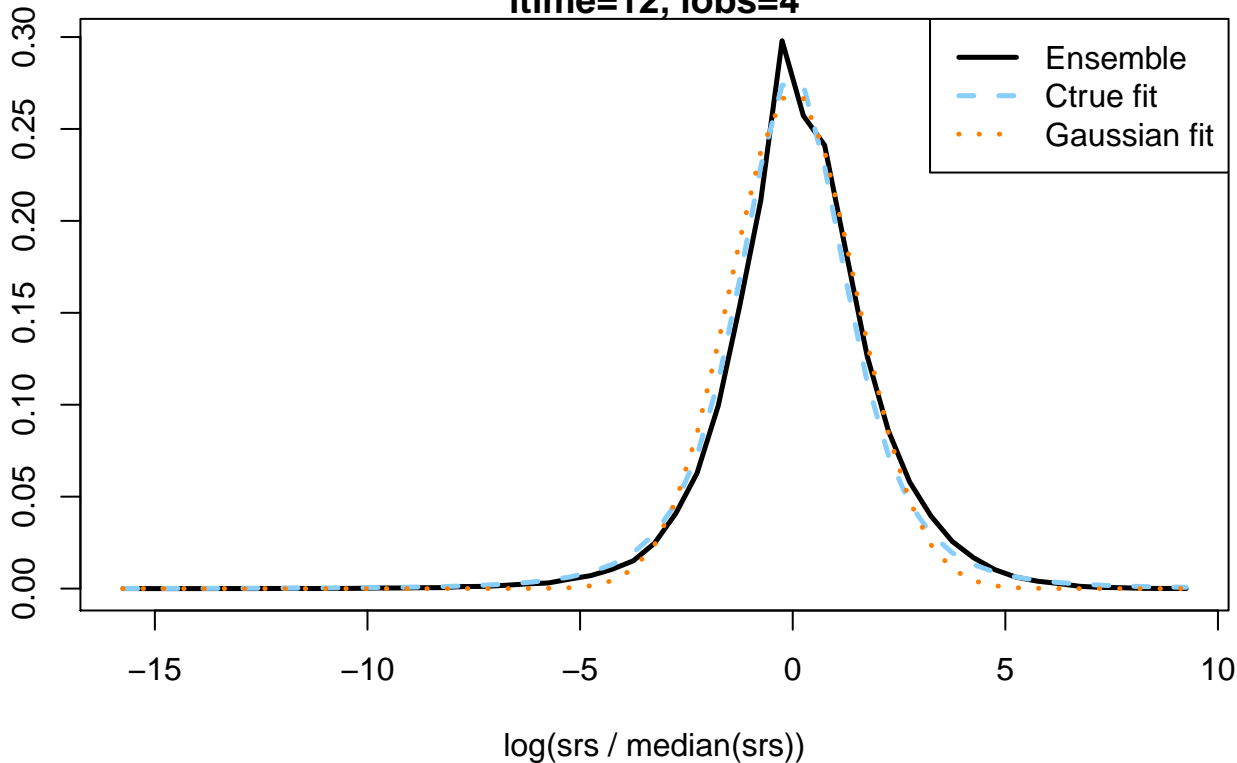


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

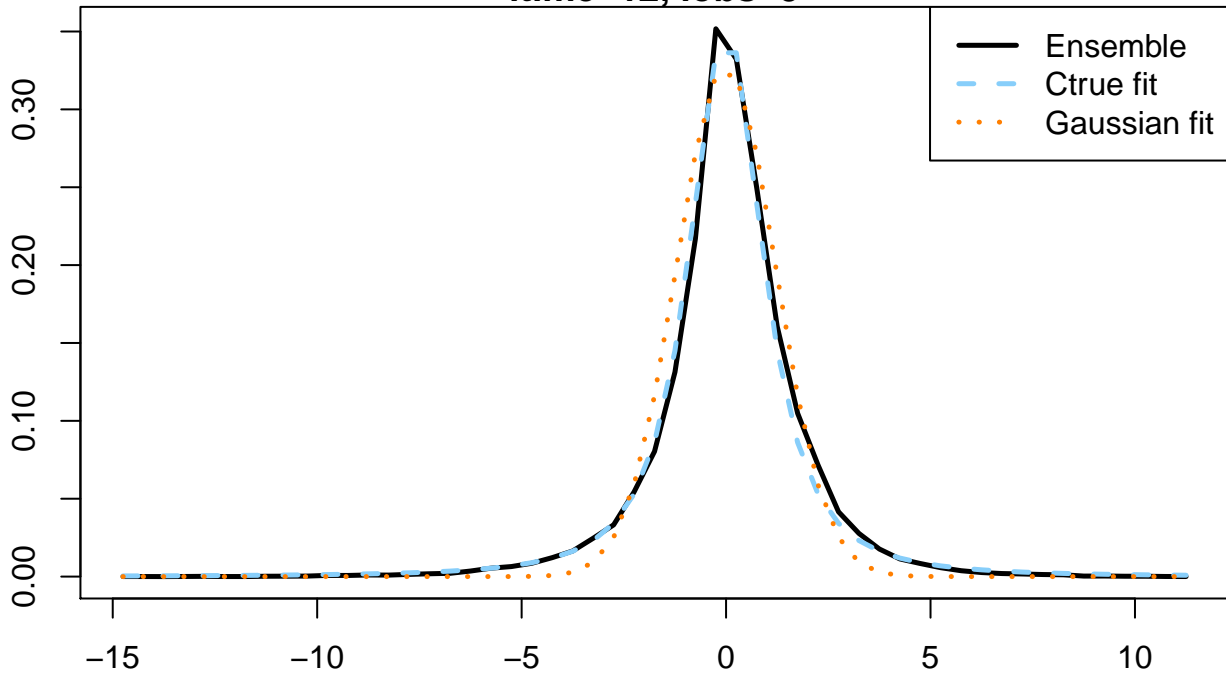
itime=12, iobs=4

density



itime=12, iobs=5

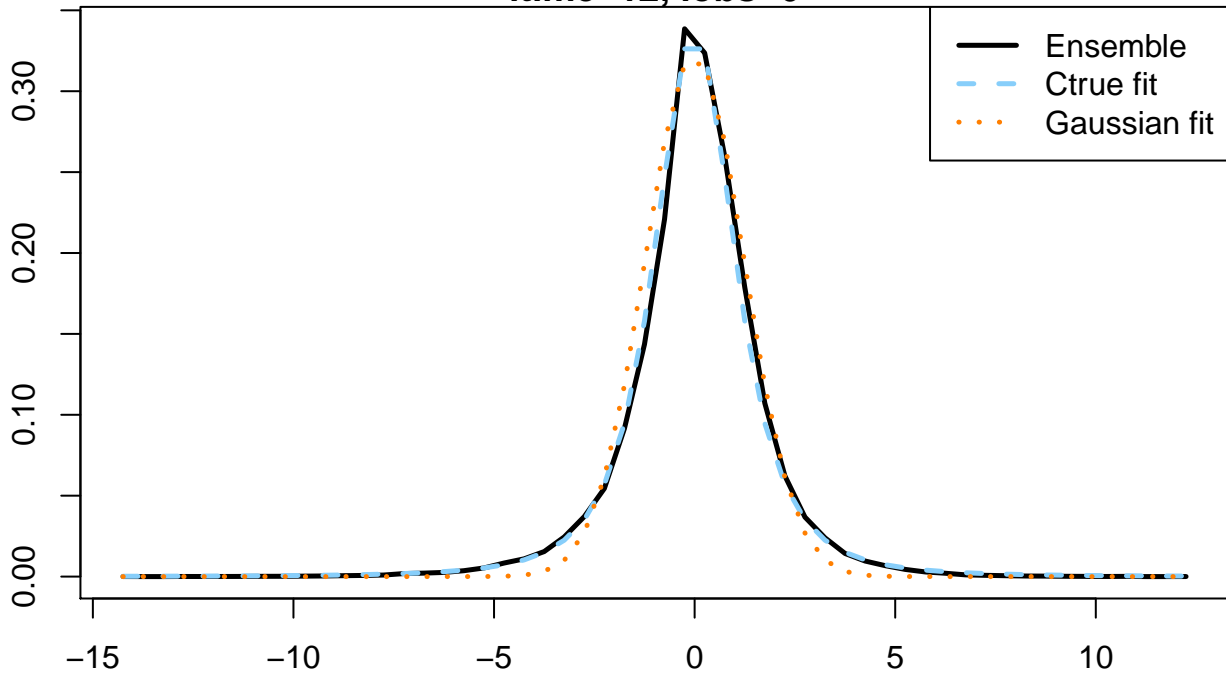
density



log(srs / median(srs))

itime=12, iobs=6

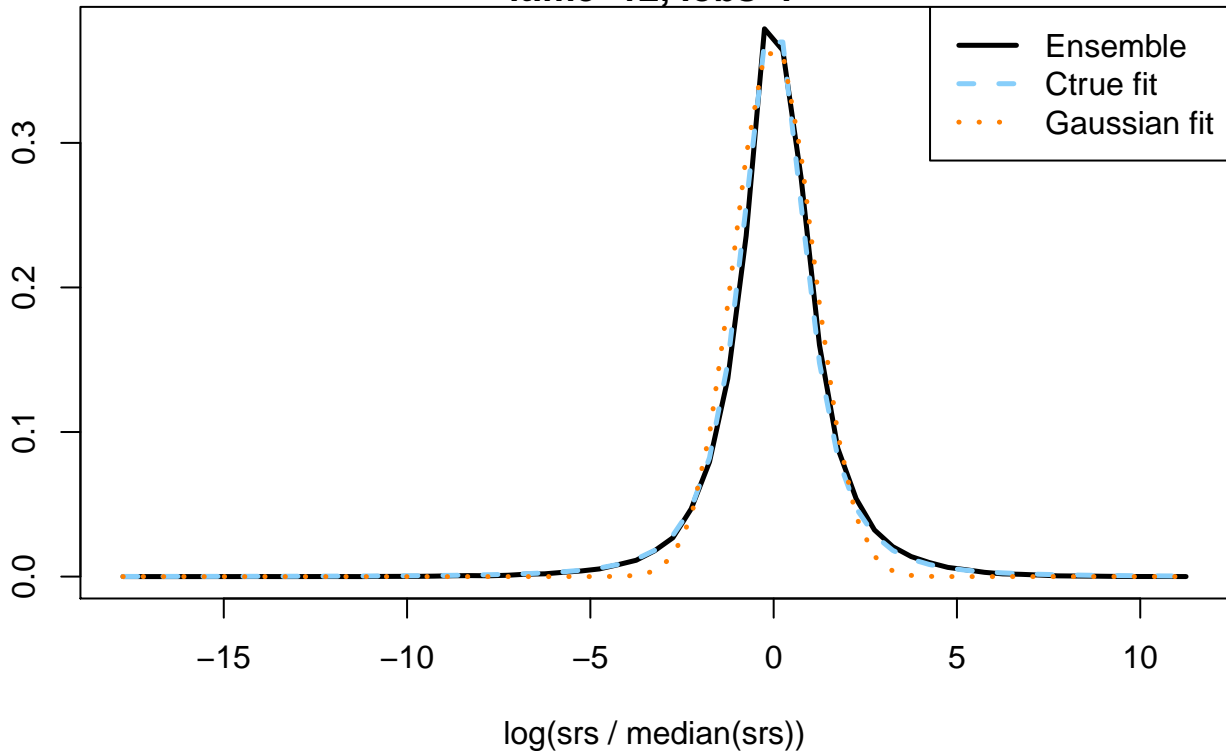
density



log(srs / median(srs))

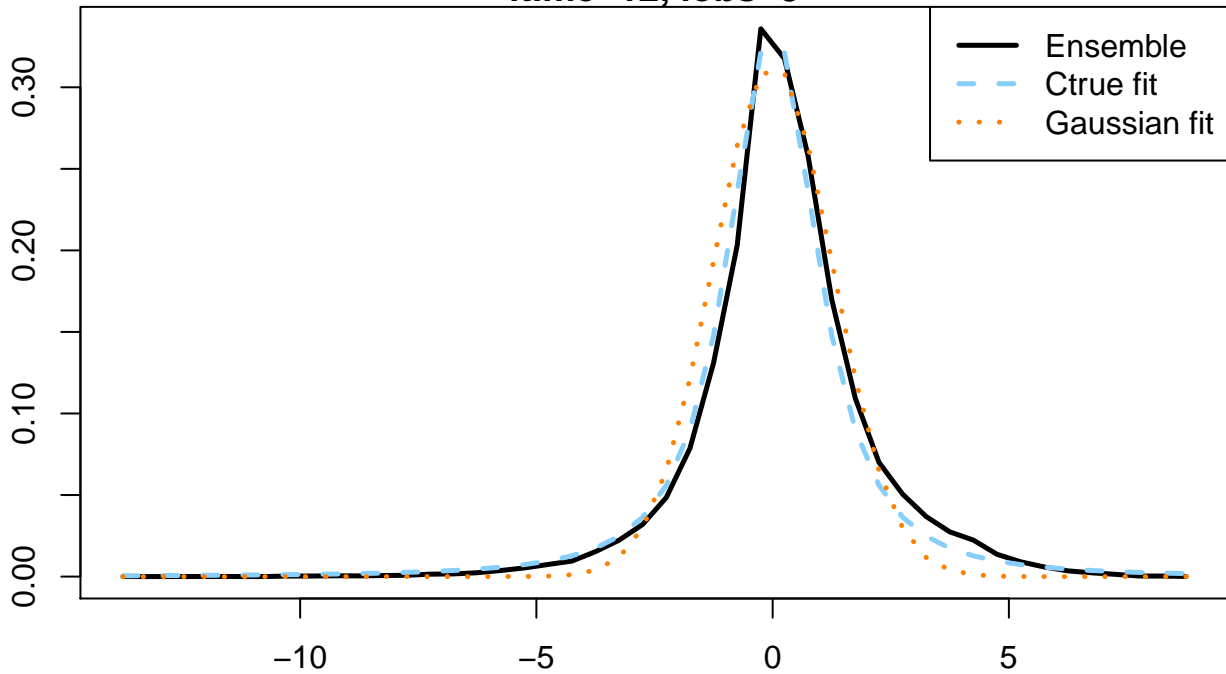
itime=12, iobs=7

density



itime=12, iobs=8

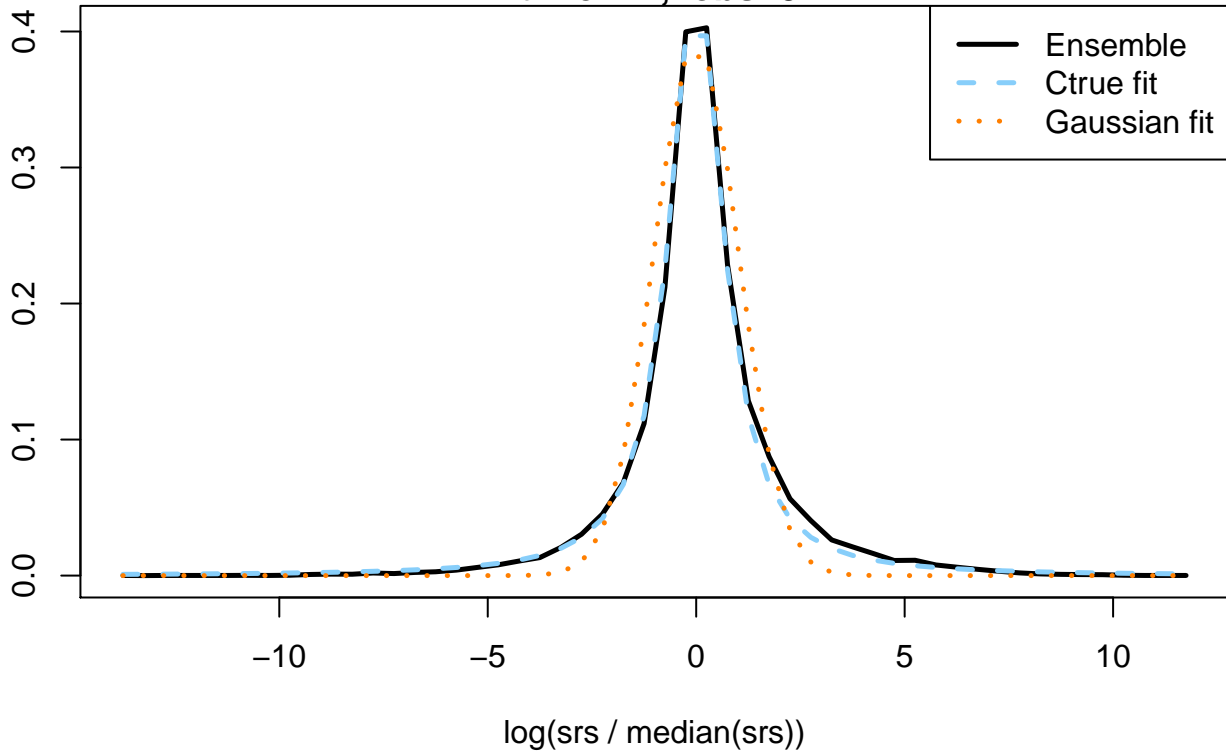
density



log(srs / median(srs))

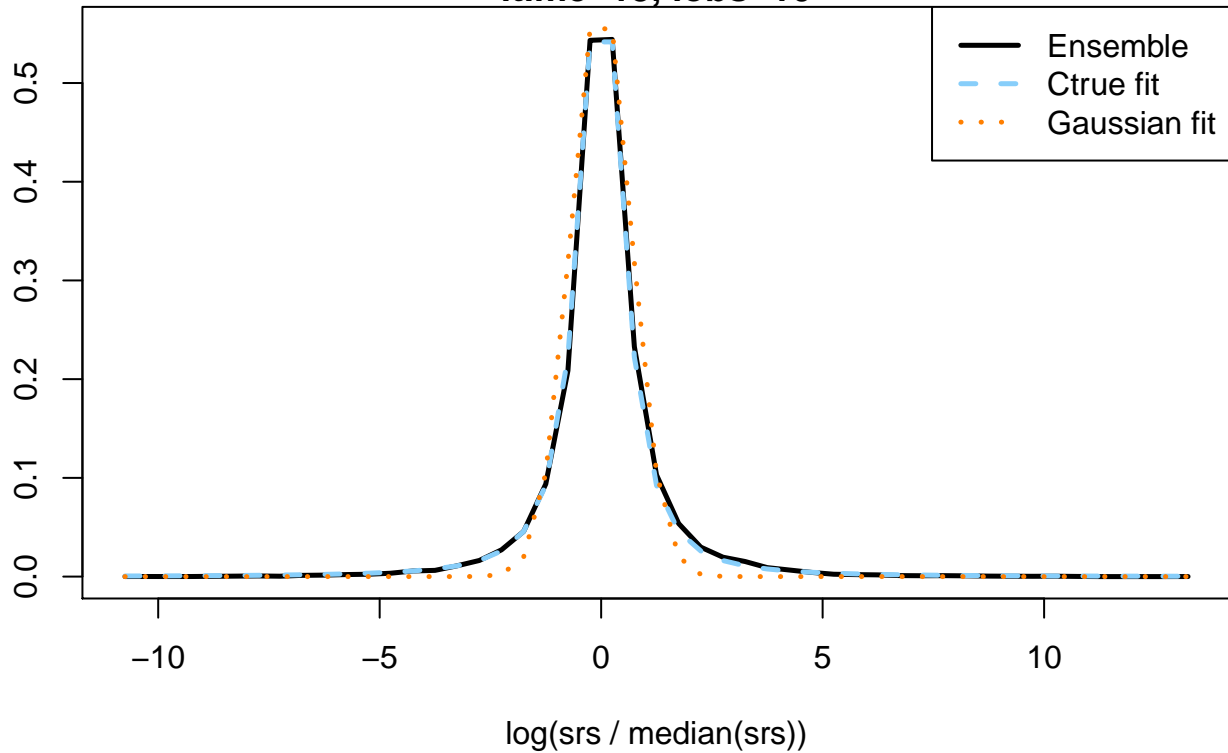
itime=12, iobs=9

density



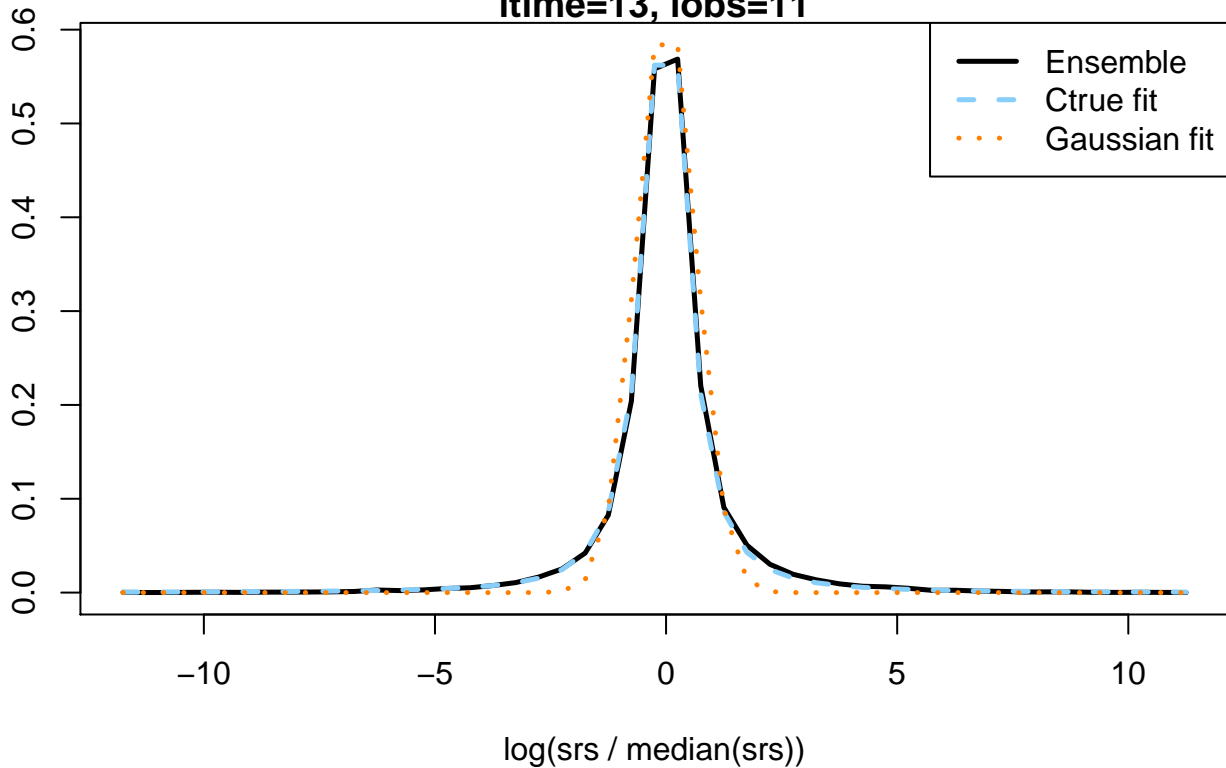
itime=13, iobs=10

density



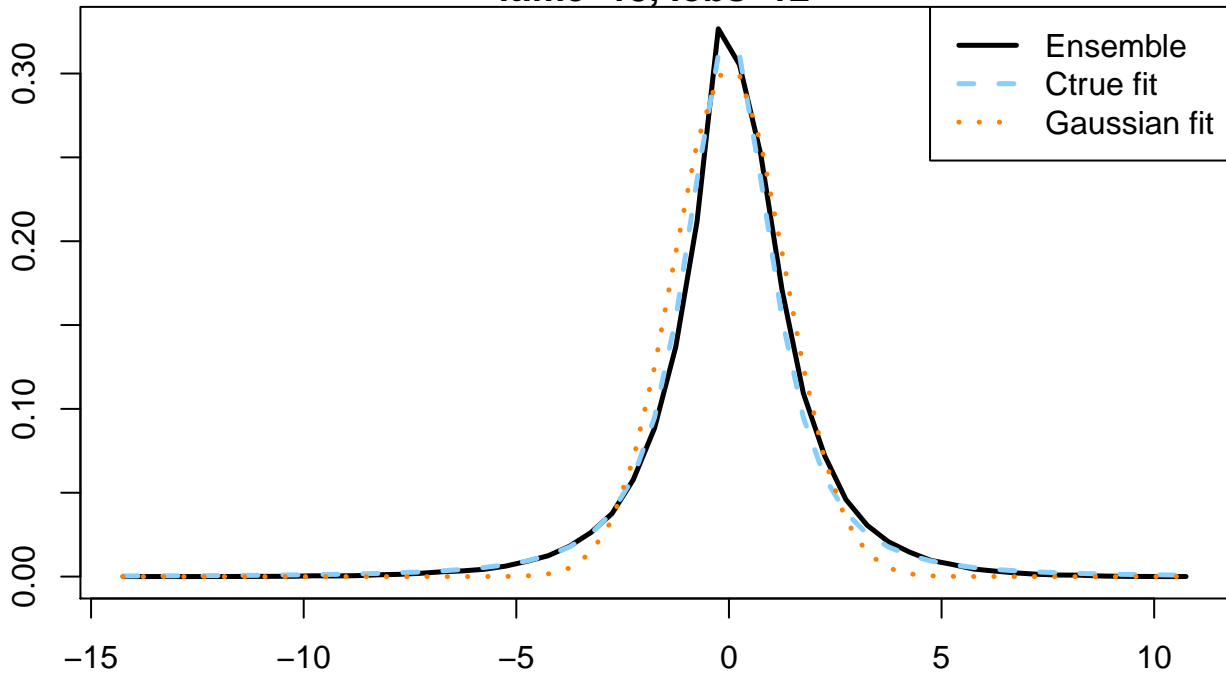
itime=13, iobs=11

density



itime=13, iobs=12

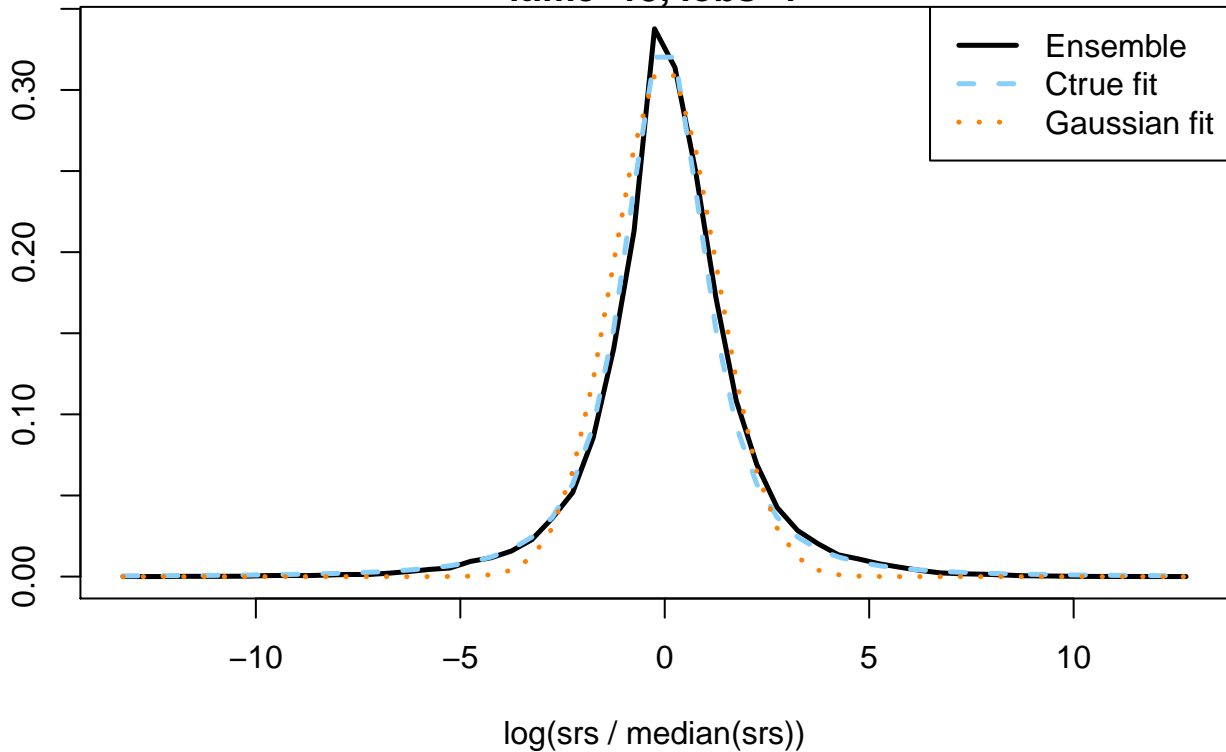
density



$\log(\text{srs} / \text{median}(\text{srs}))$

itime=13, iobs=1

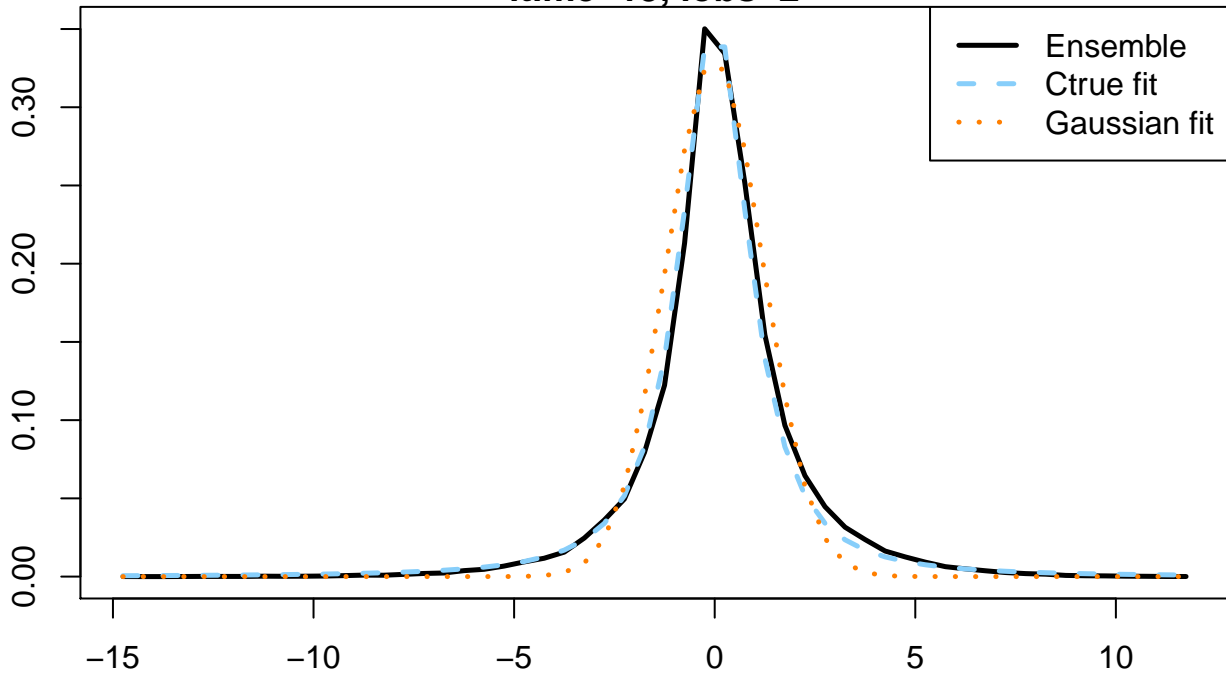
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=13, iobs=2

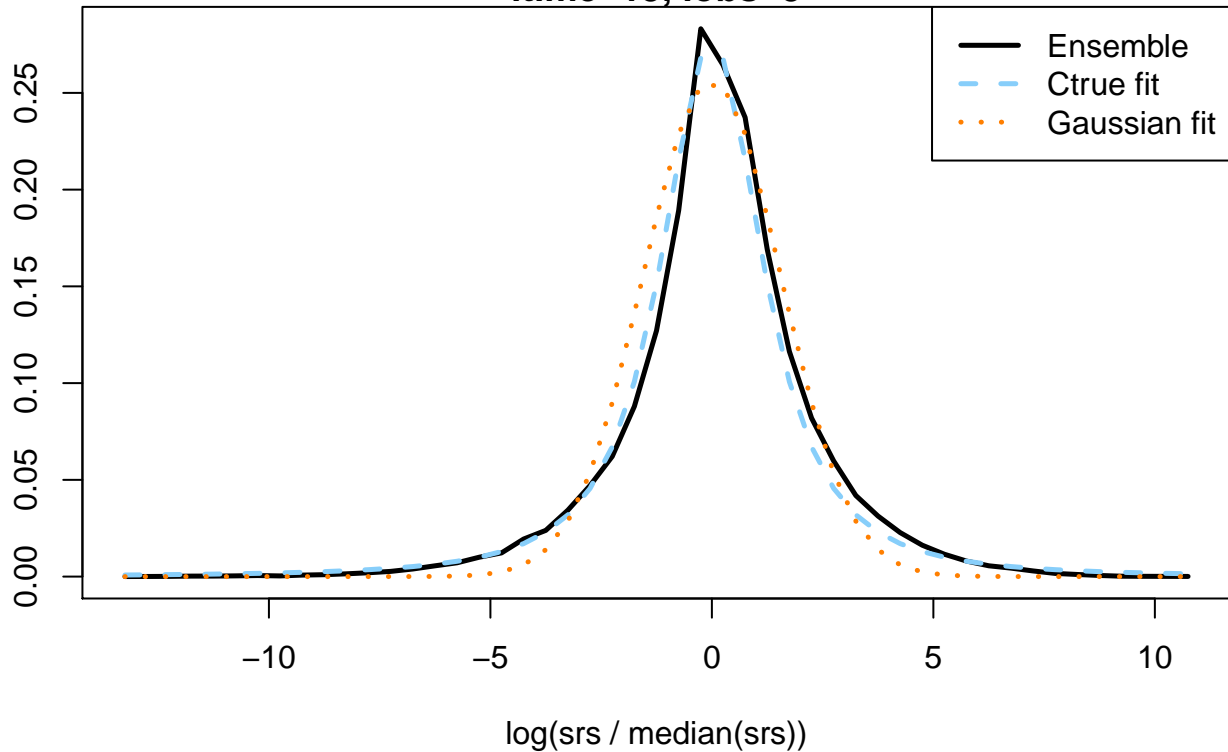
density



log(srs / median(srs))

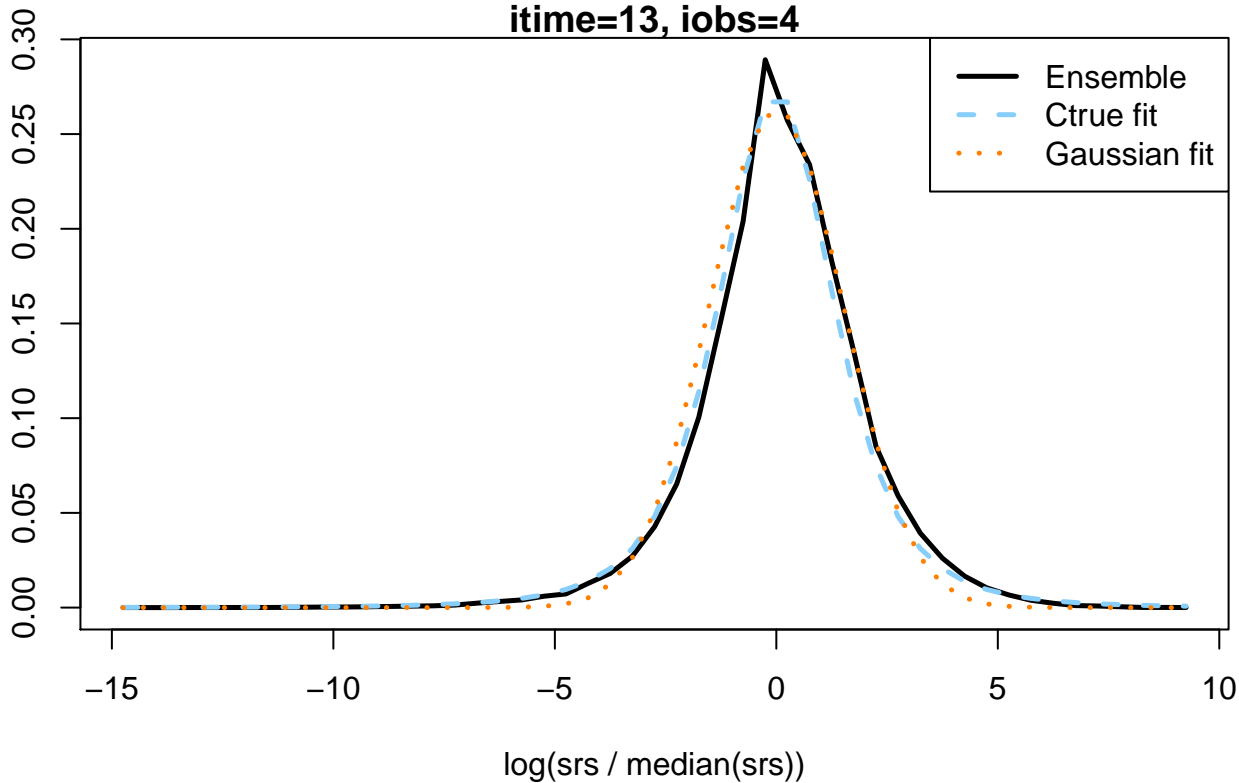
itime=13, iobs=3

density



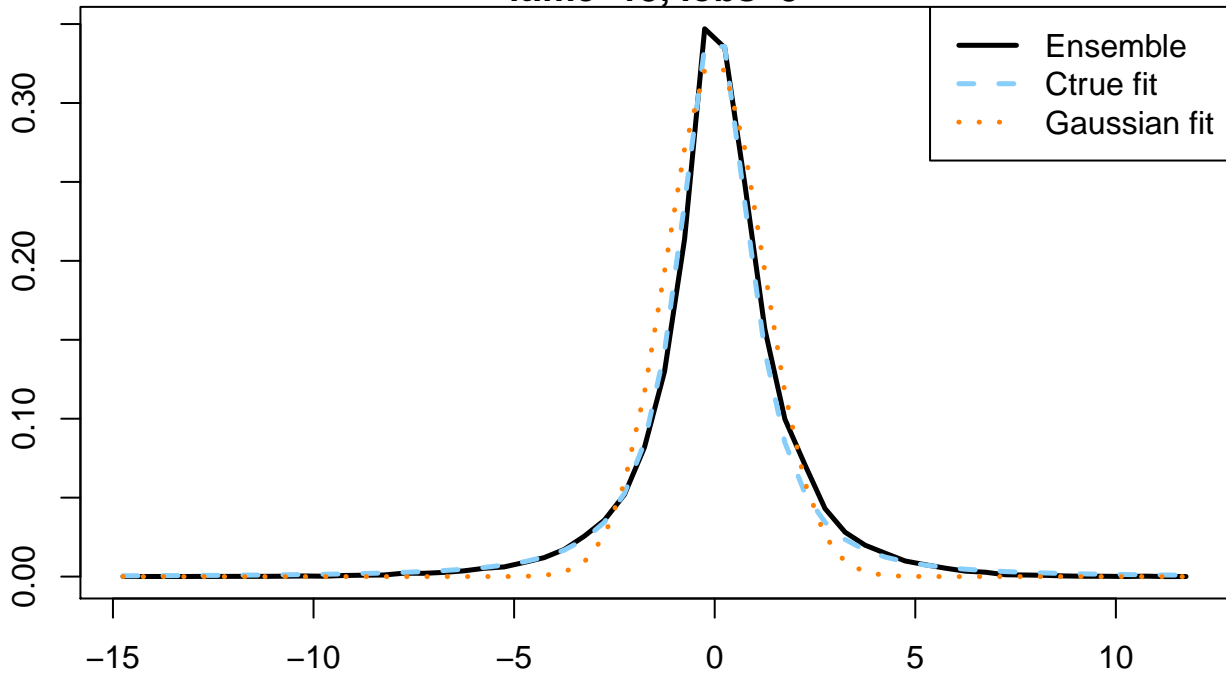
itime=13, iobs=4

density



itime=13, iobs=5

density

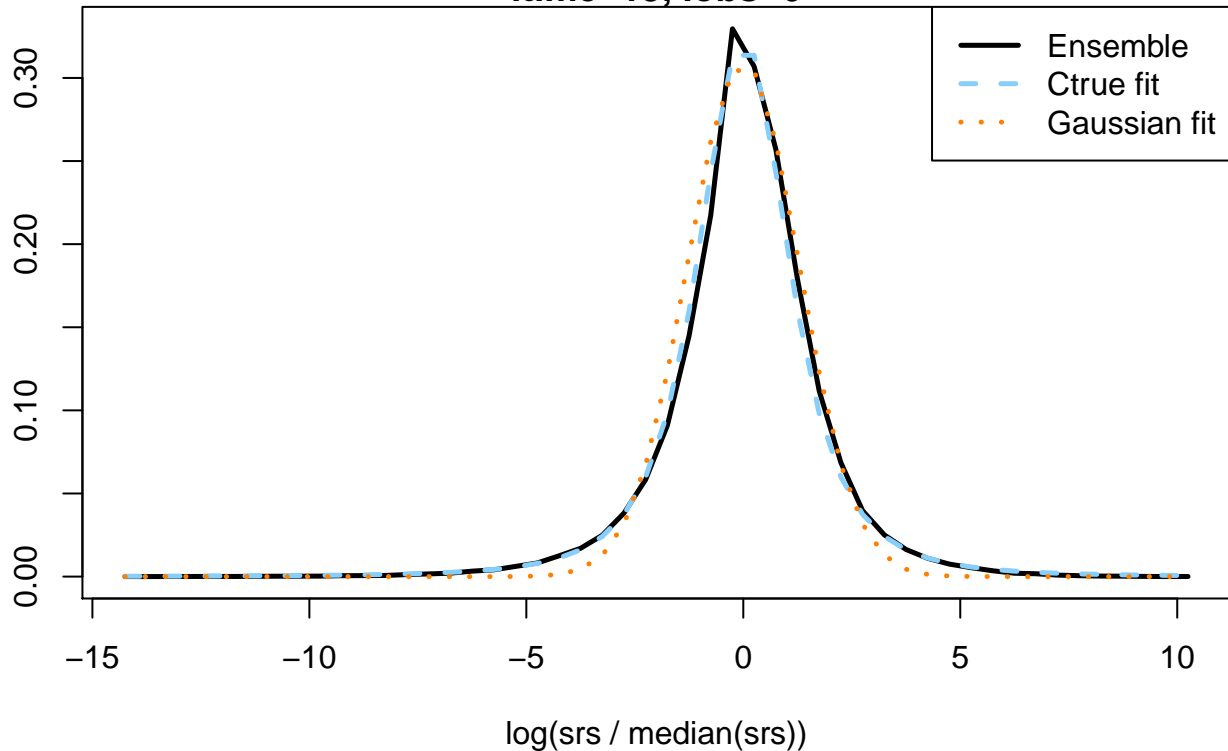


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

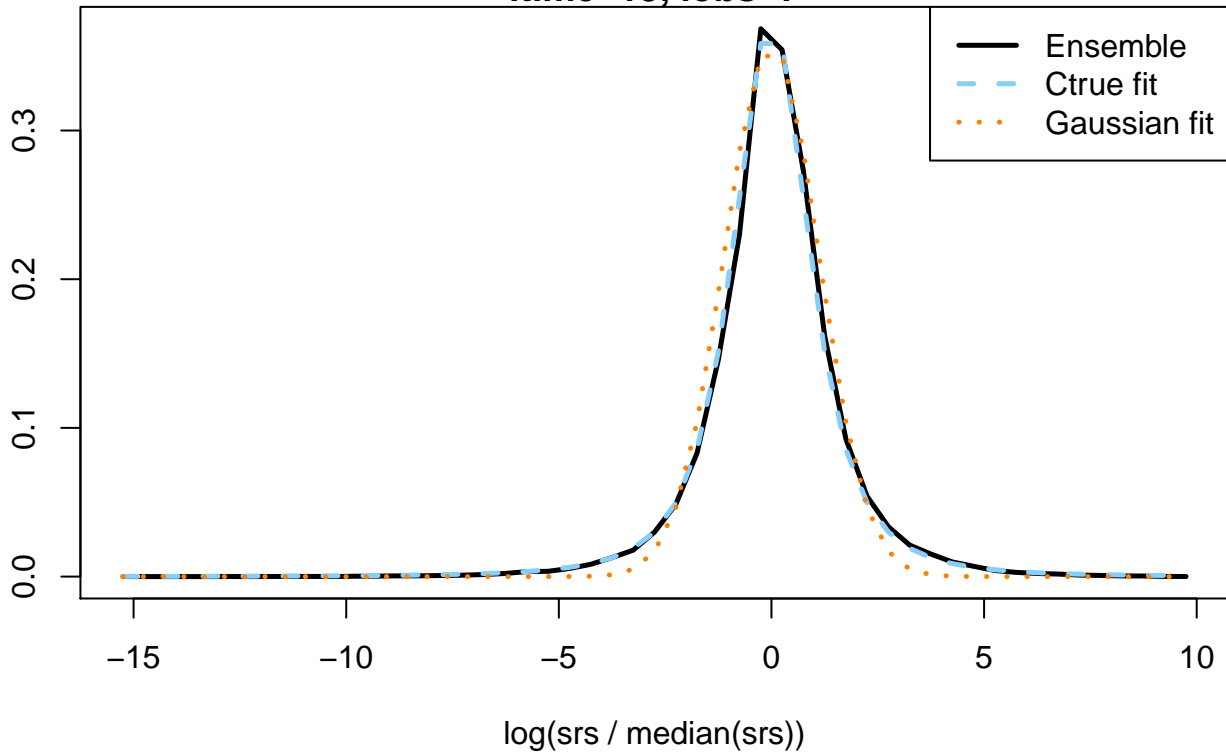
itime=13, iobs=6

density



itime=13, iobs=7

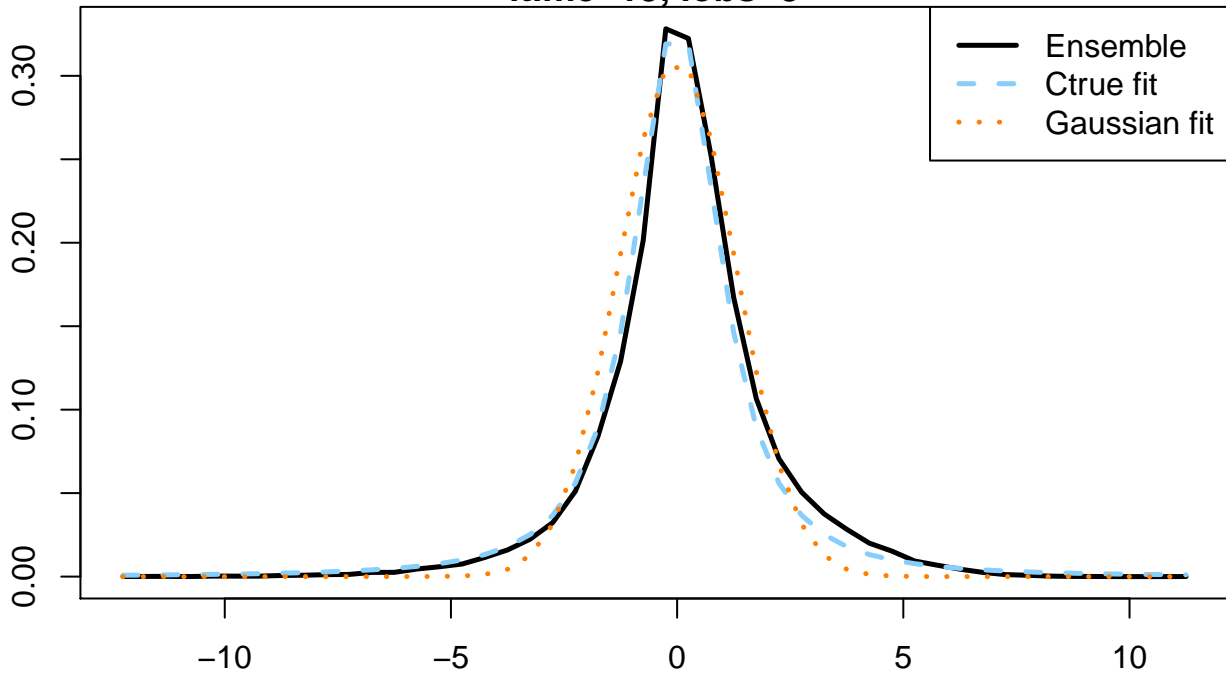
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=13, iobs=8

density

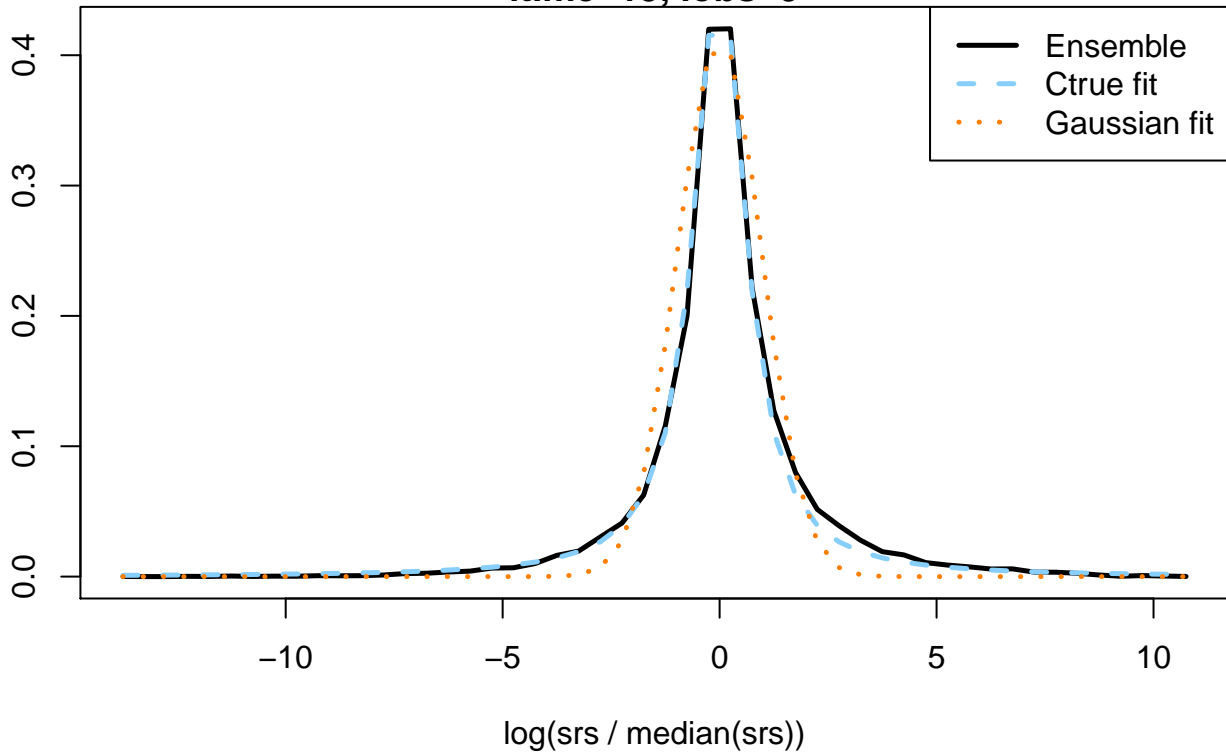


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

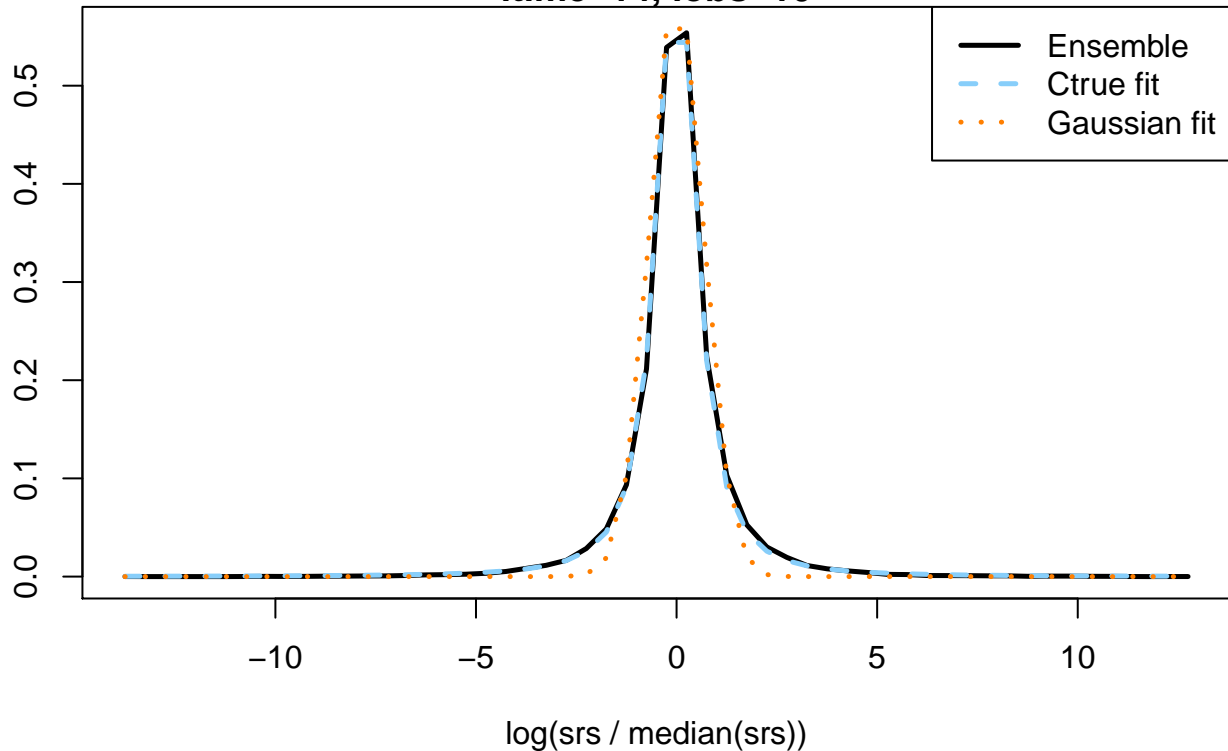
itime=13, iobs=9

density



itime=14, iobs=10

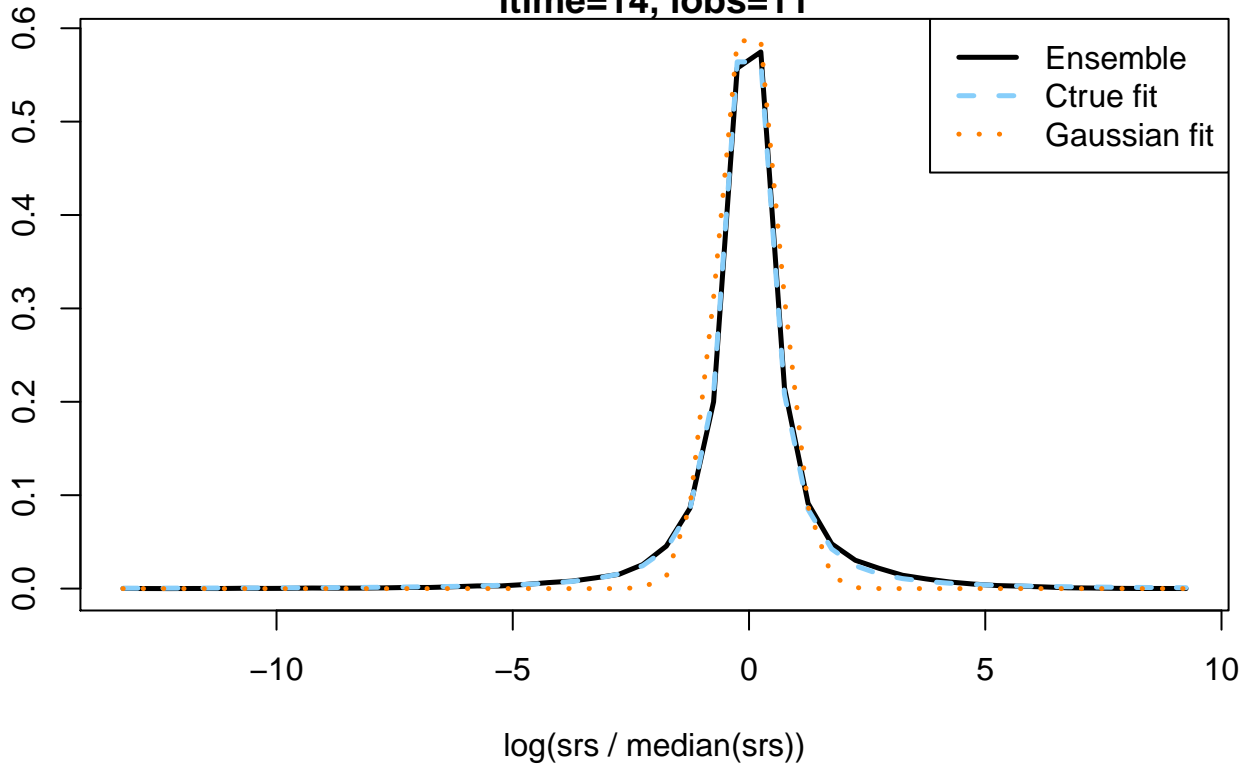
density



— Ensemble
- - Ctrue fit
... Gaussian fit

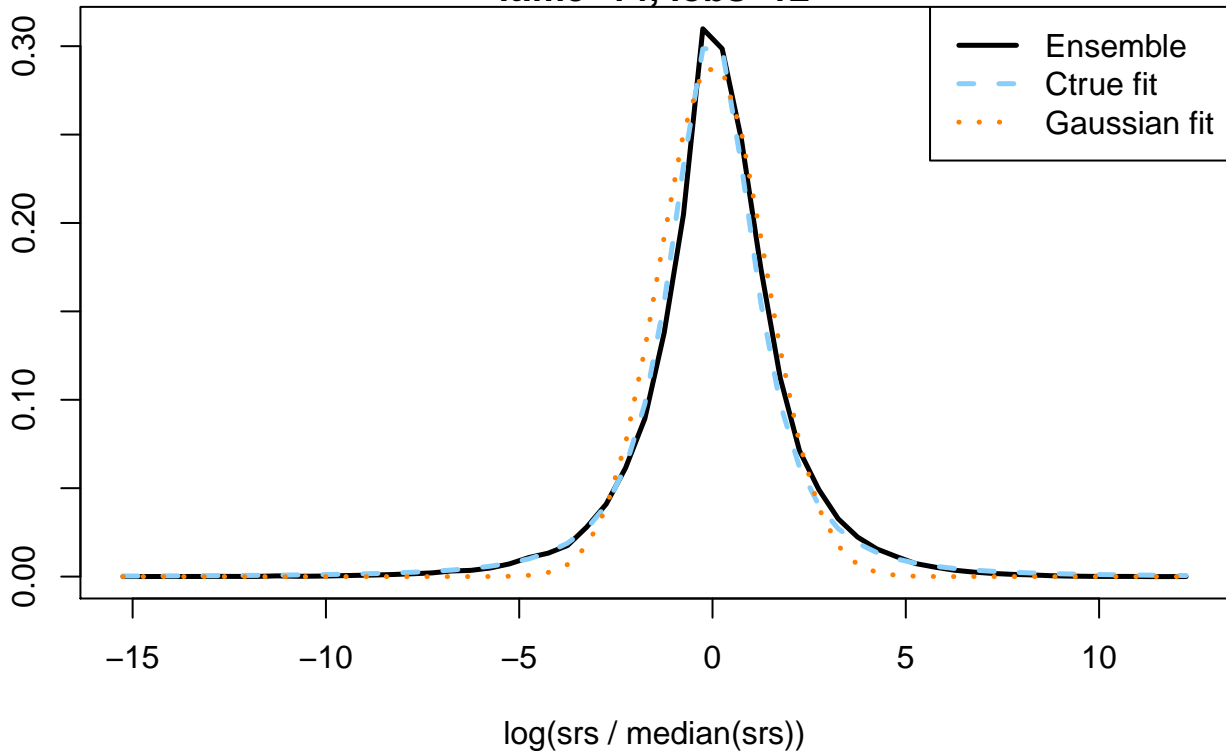
itime=14, iobs=11

density



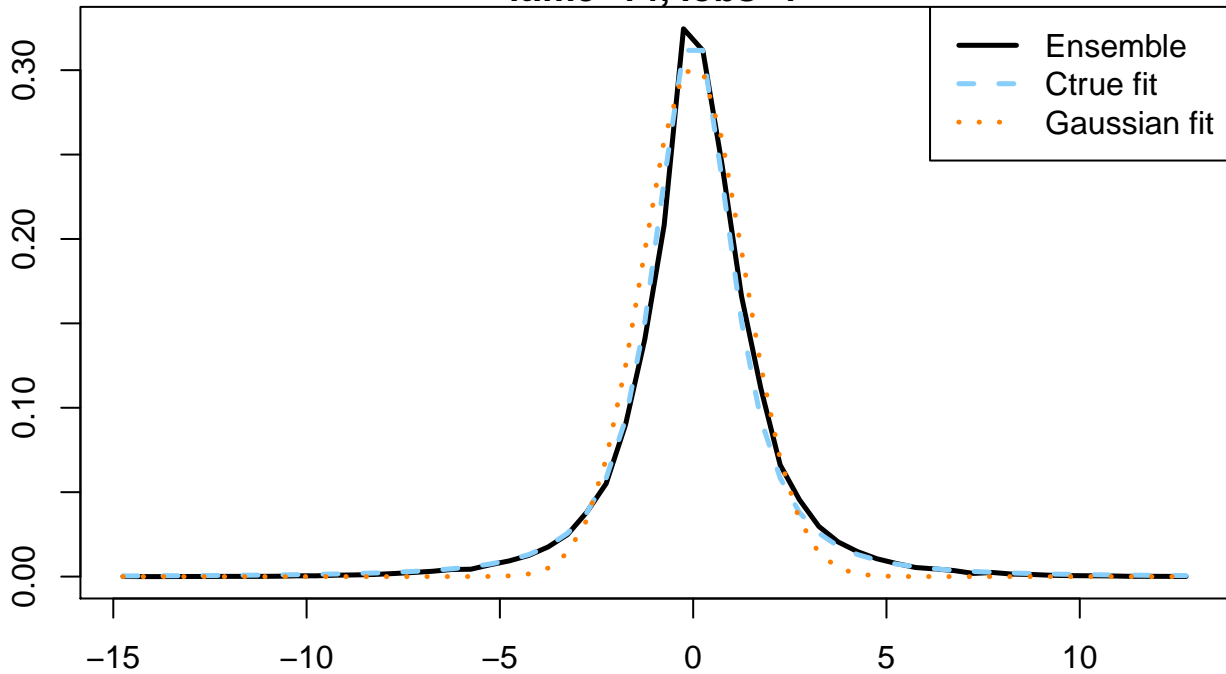
itime=14, iobs=12

density



itime=14, iobs=1

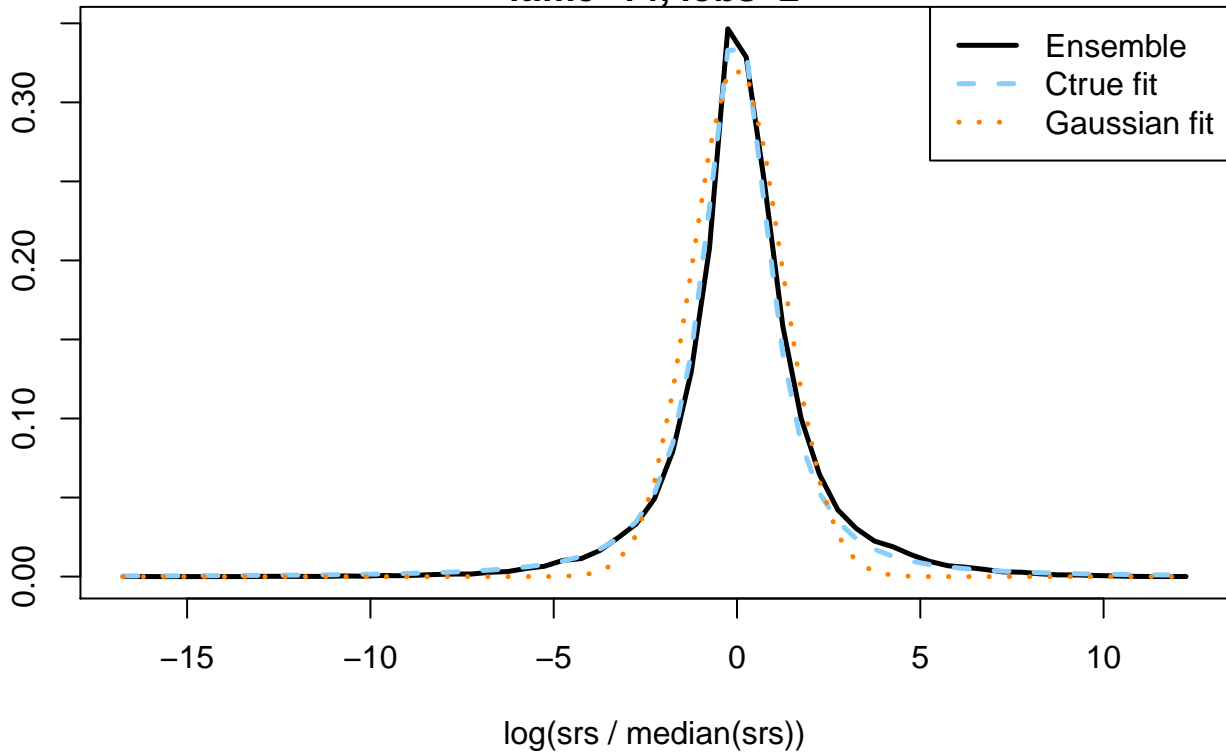
density



log(srs / median(srs))

itime=14, iobs=2

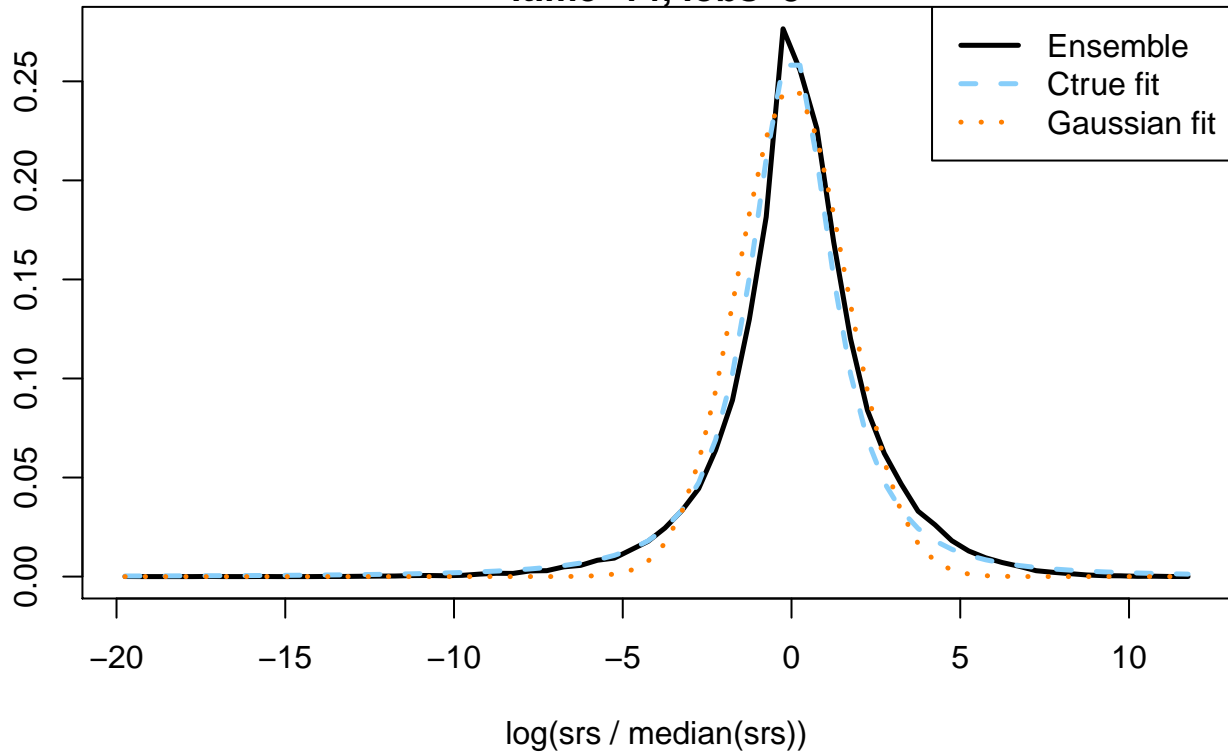
density



— Ensemble
- - Ctrue fit
... Gaussian fit

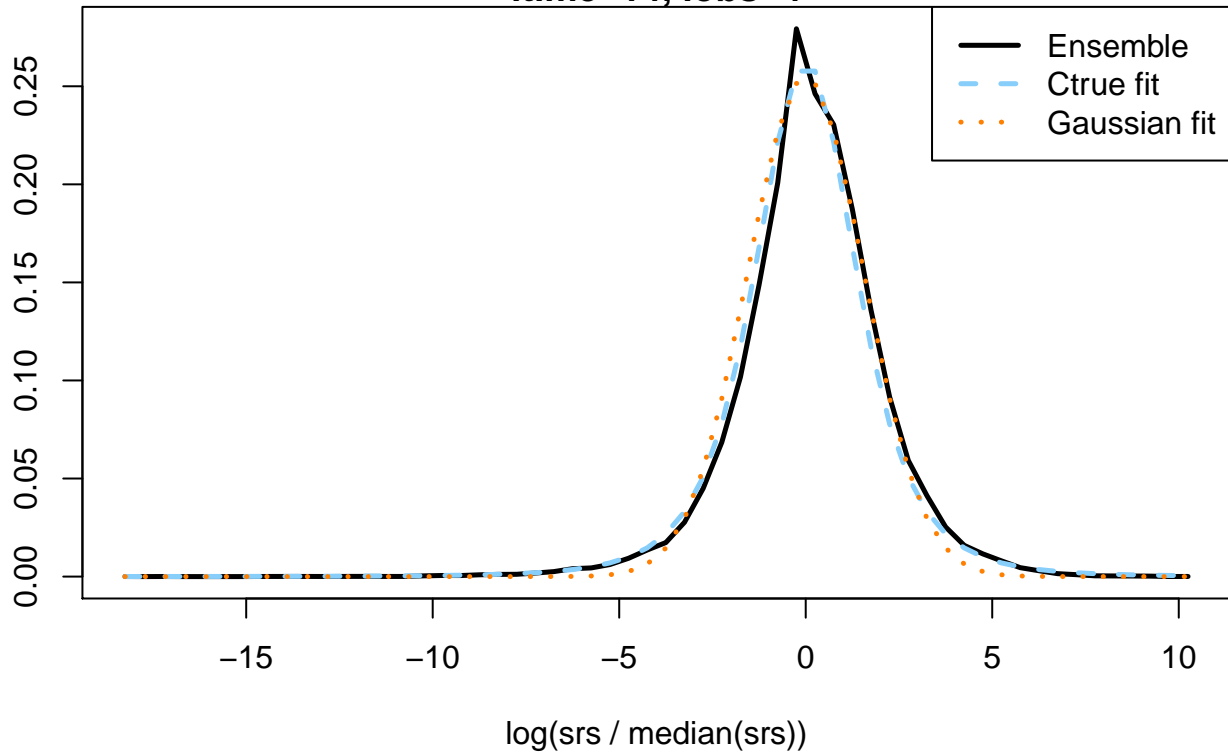
itime=14, iobs=3

density



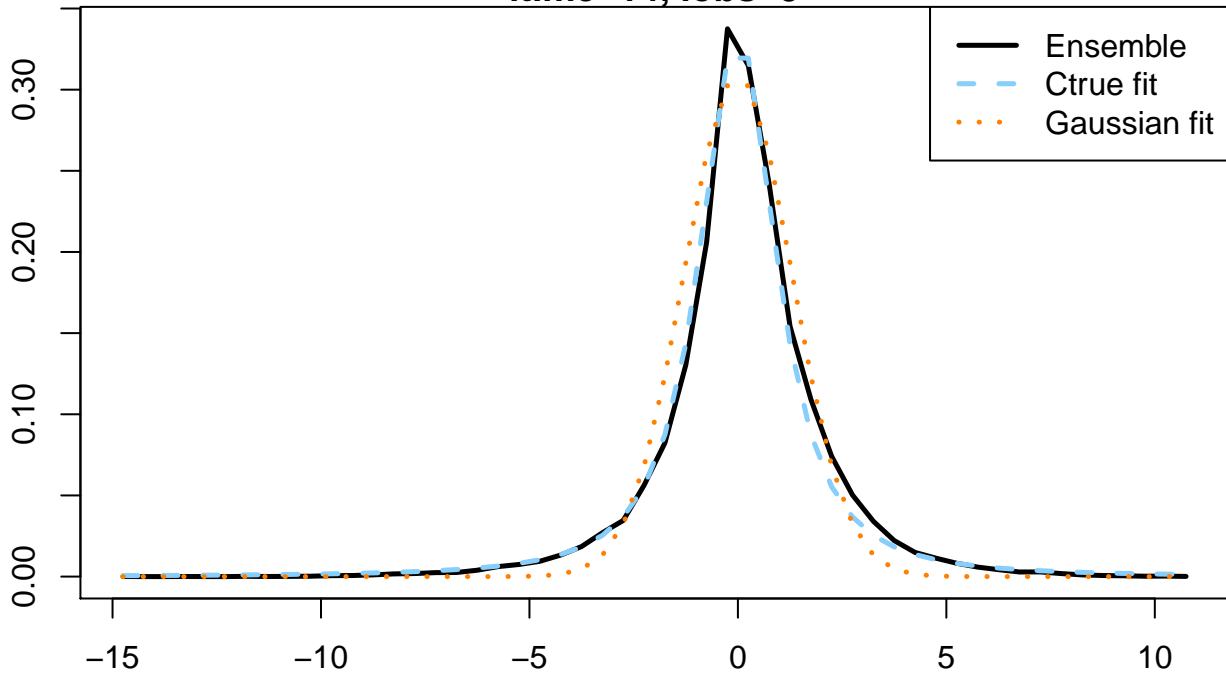
itime=14, iobs=4

density



itime=14, iobs=5

density

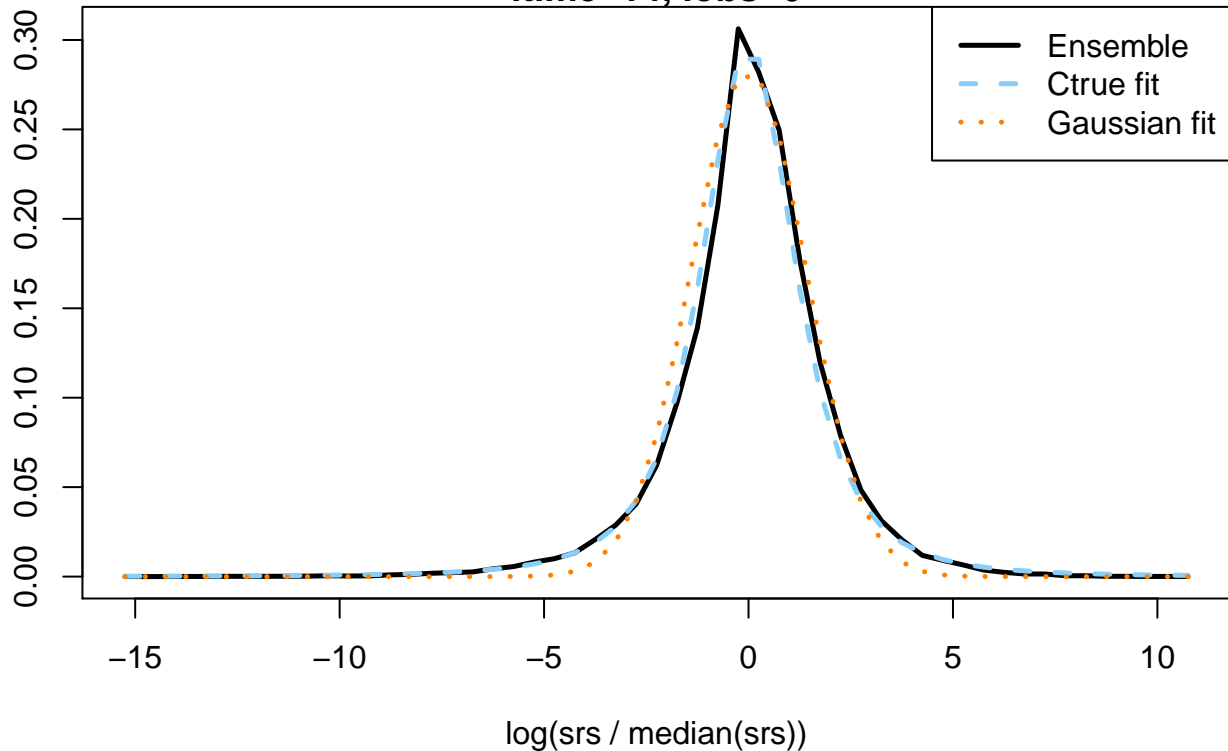


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

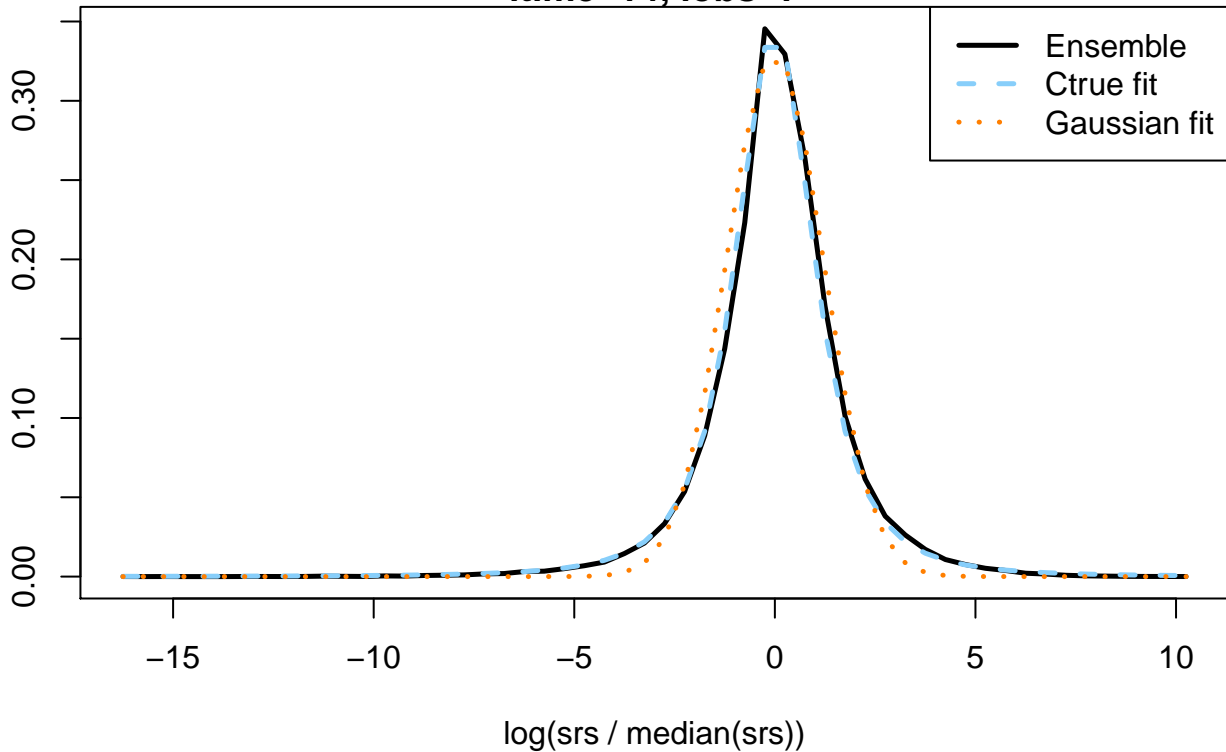
itime=14, iobs=6

density



itime=14, iobs=7

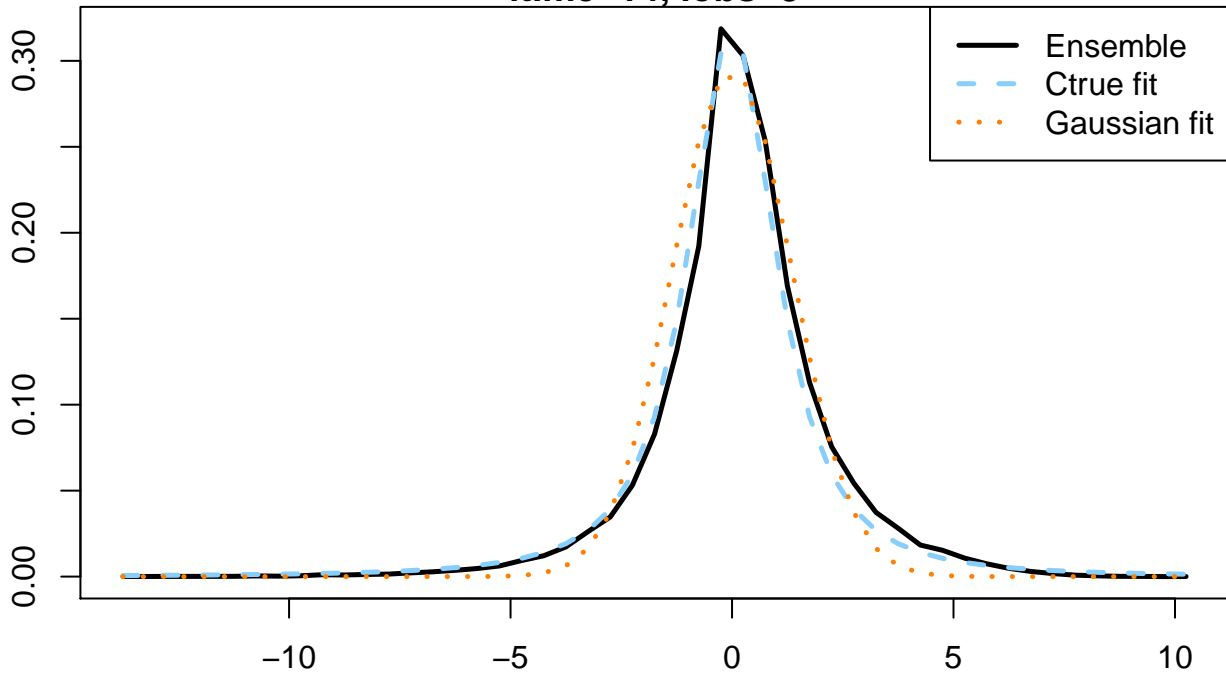
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=14, iobs=8

density



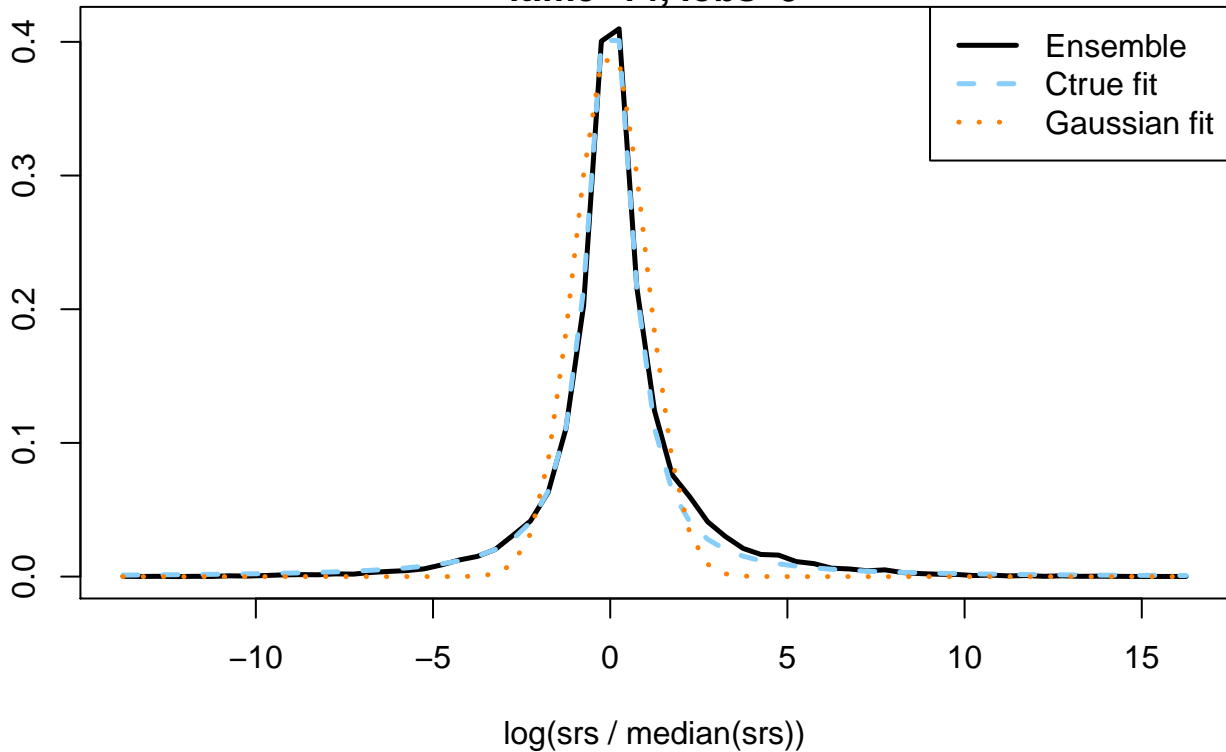
— Ensemble
- - Ctrue fit
... Gaussian fit

-10 -5 0 5 10

$\log(\text{srs} / \text{median}(\text{srs}))$

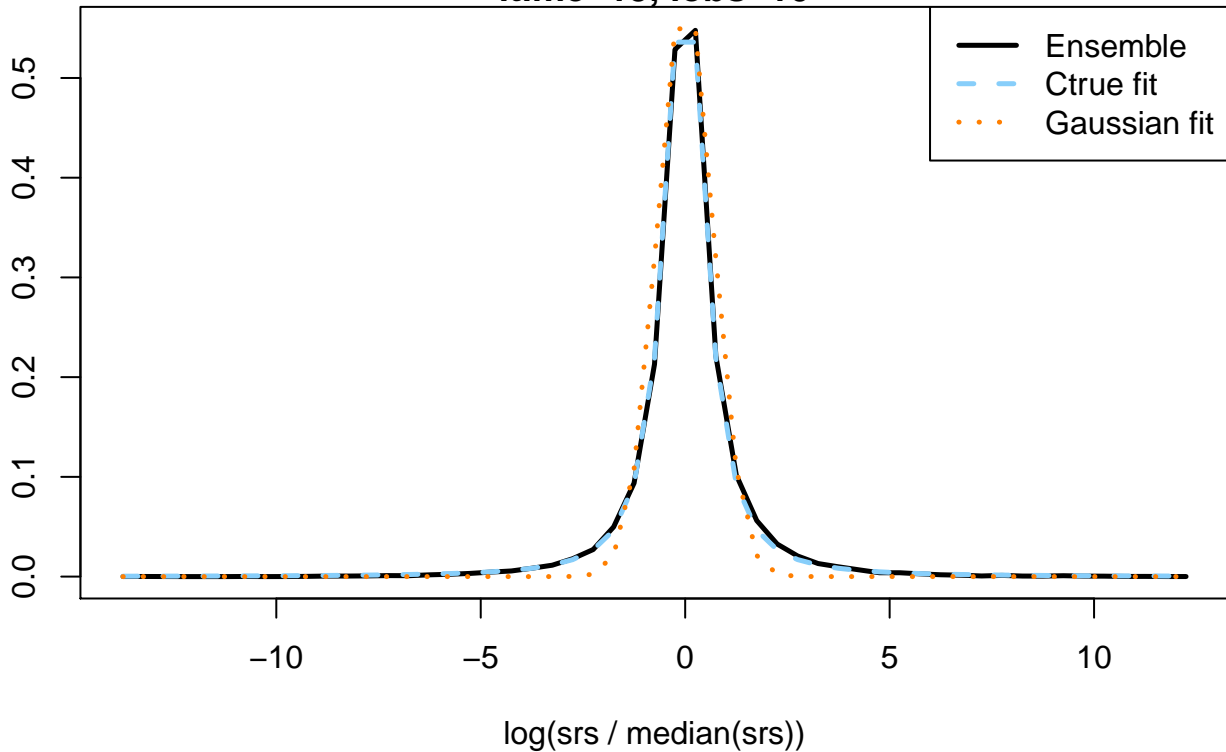
itime=14, iobs=9

density



itime=15, iobs=10

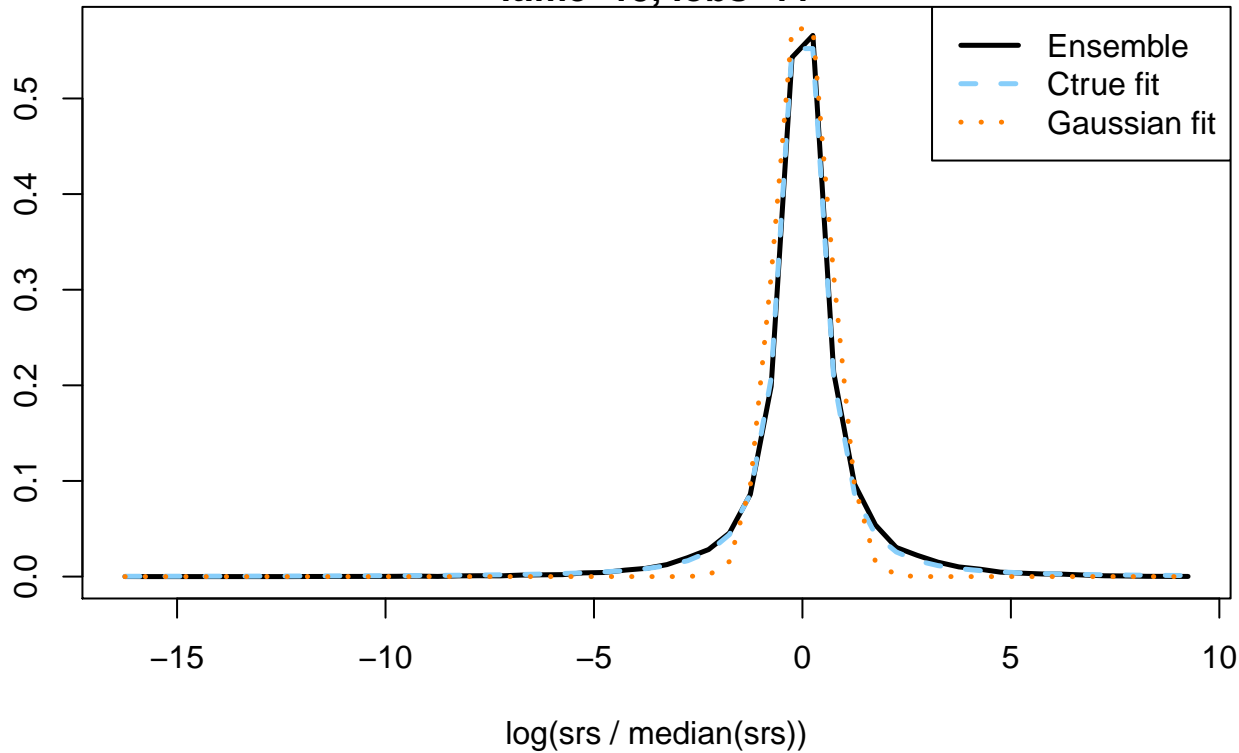
density



— Ensemble
- - Ctrue fit
... Gaussian fit

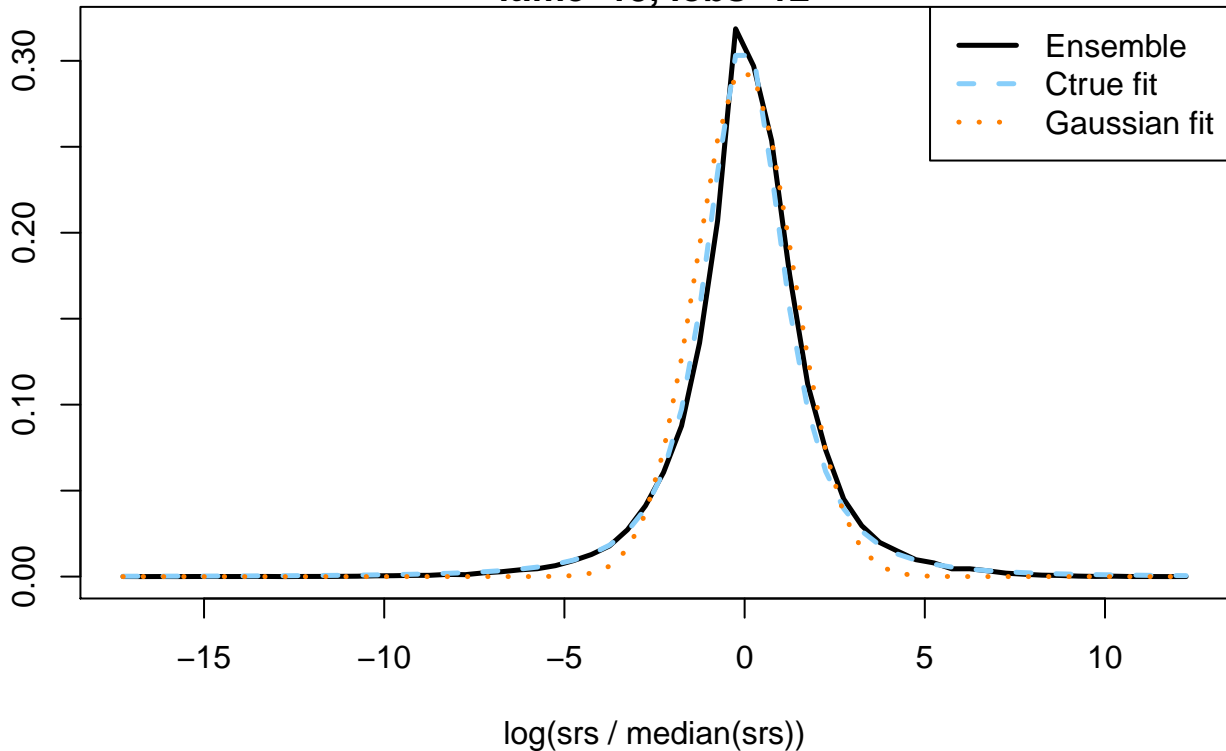
itime=15, iobs=11

density



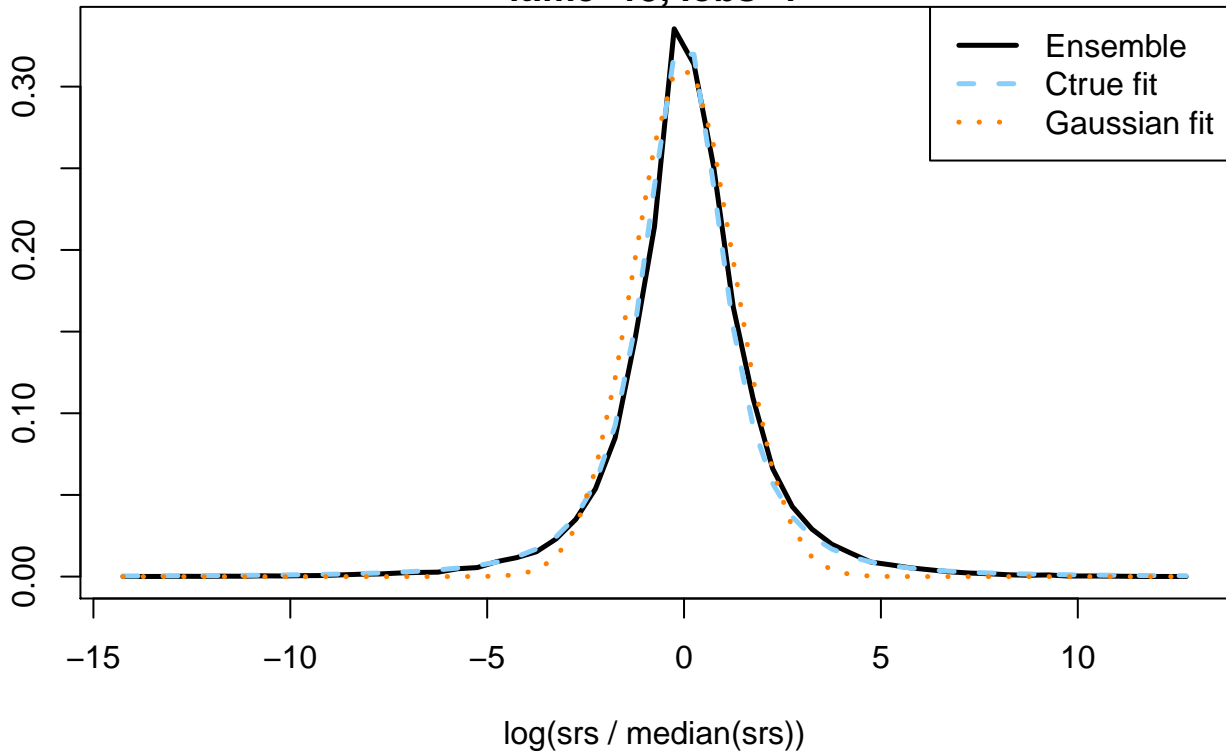
itime=15, iobs=12

density



itime=15, iobs=1

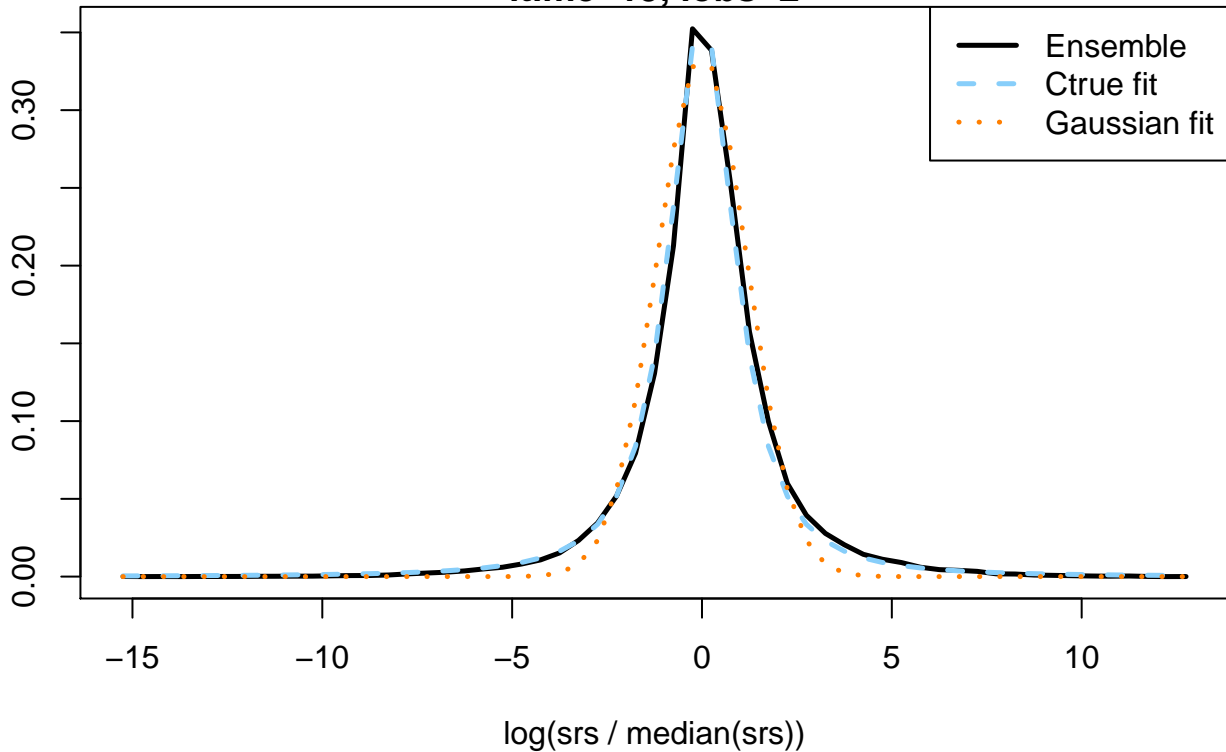
density



— Ensemble
- - Ctrue fit
... Gaussian fit

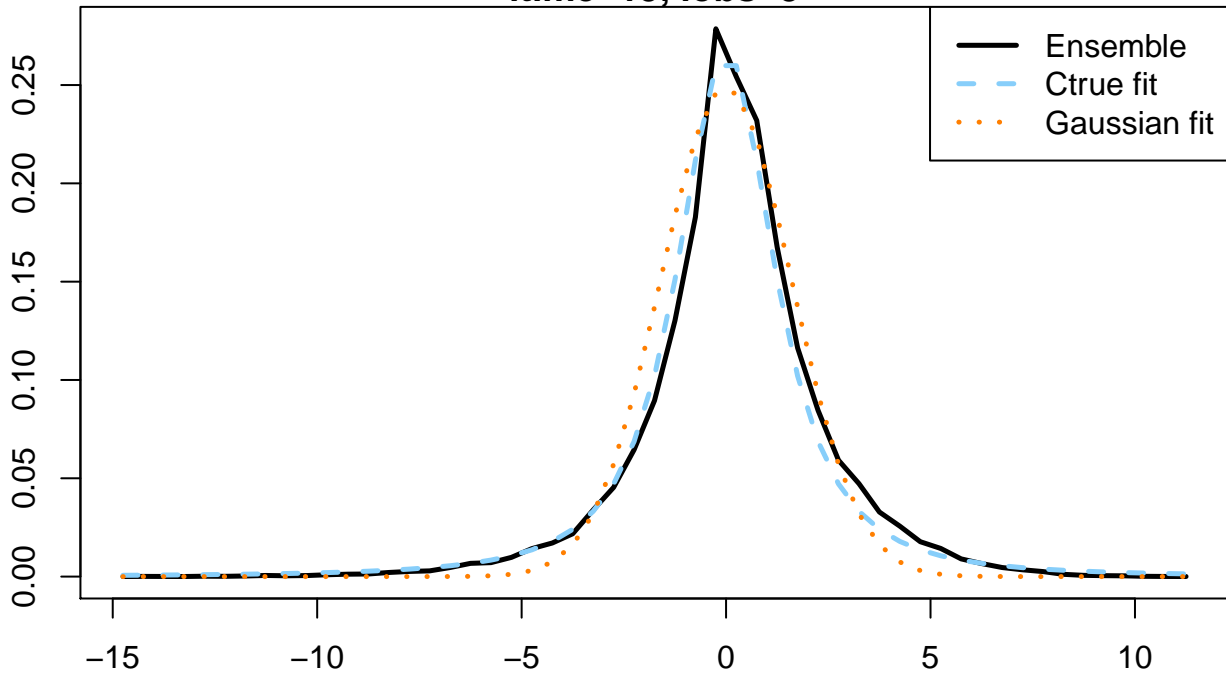
itime=15, iobs=2

density



itime=15, iobs=3

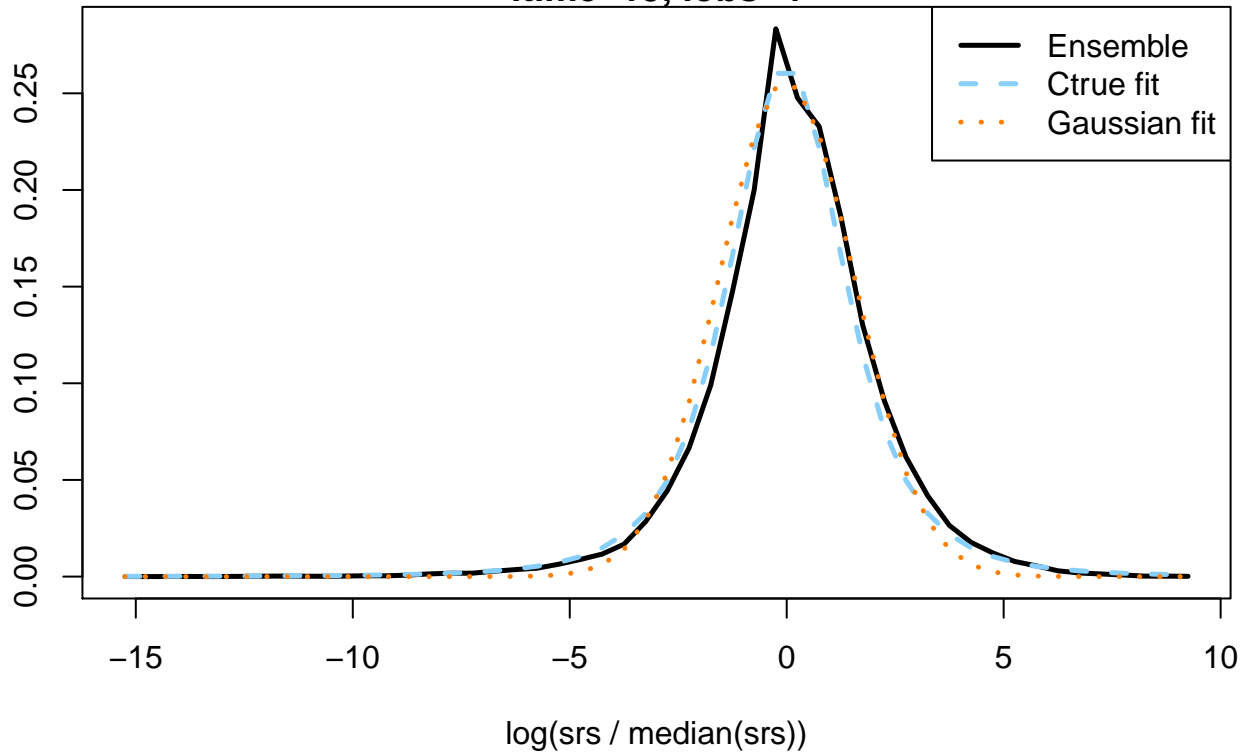
density



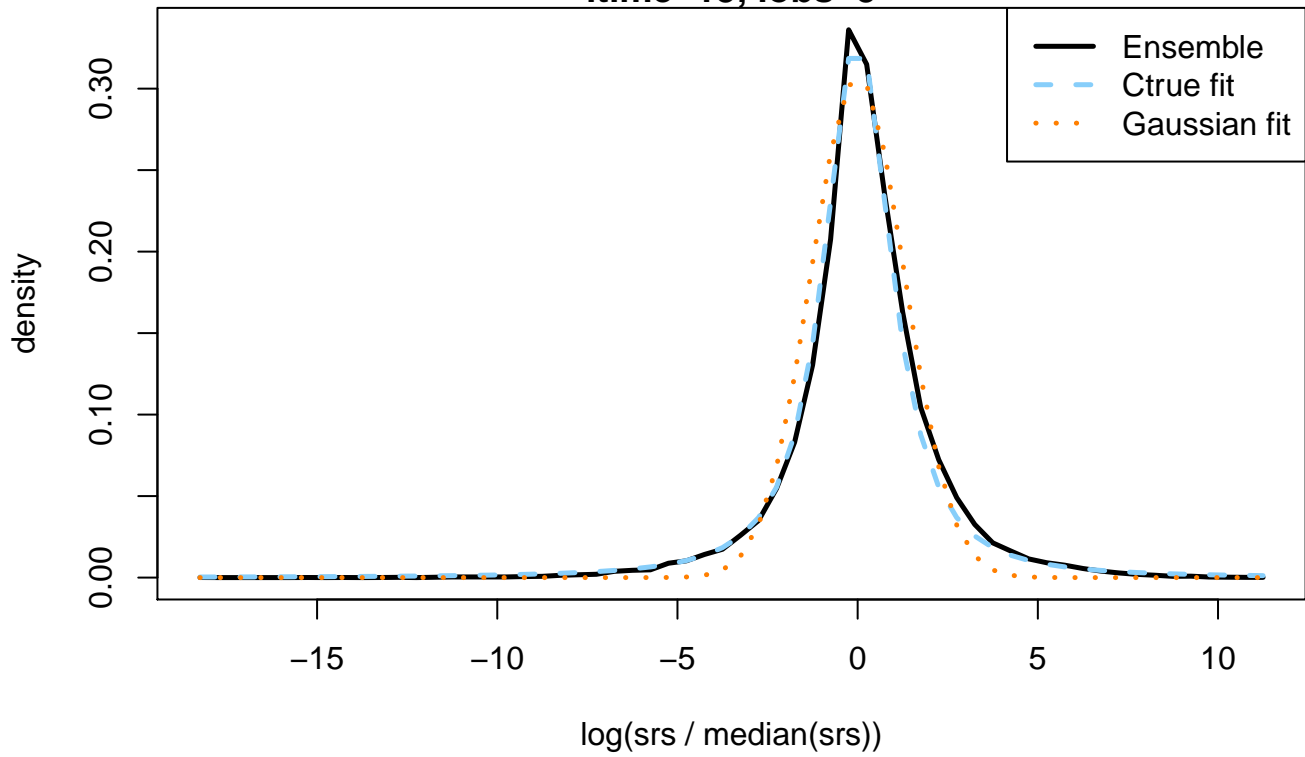
log(srs / median(srs))

itime=15, iobs=4

density

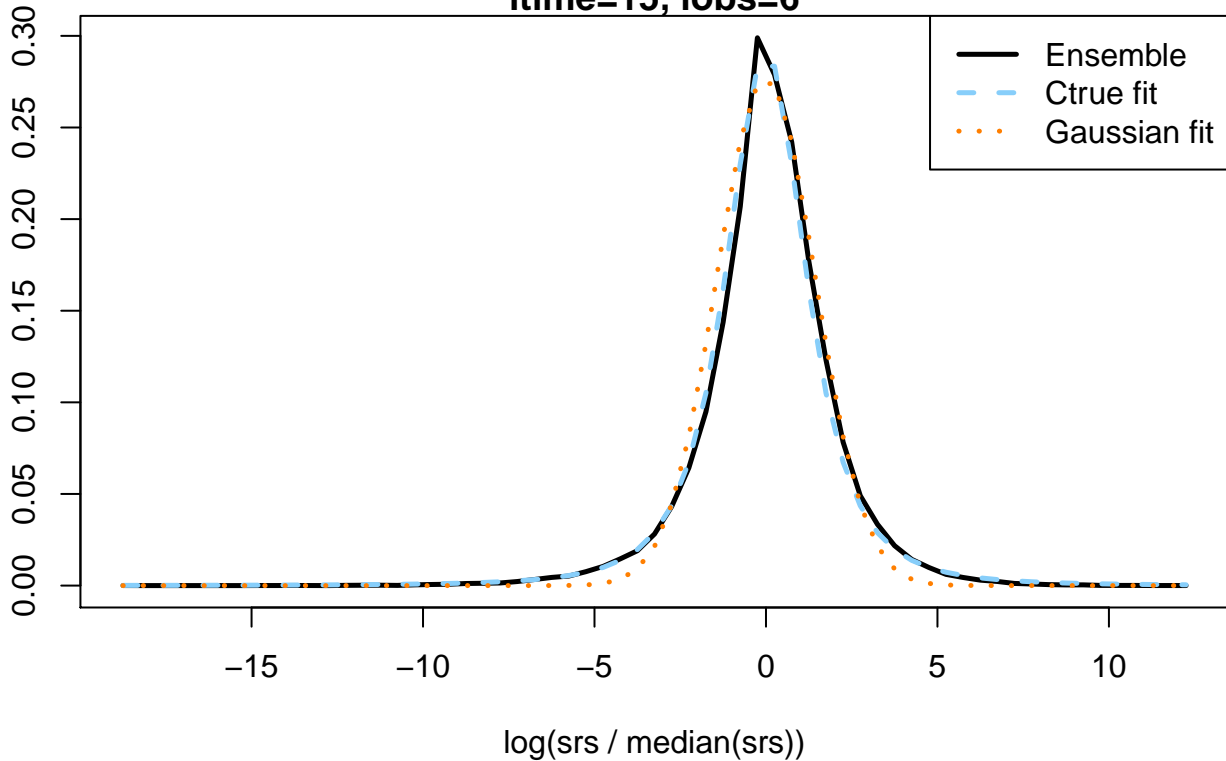


itime=15, iobs=5



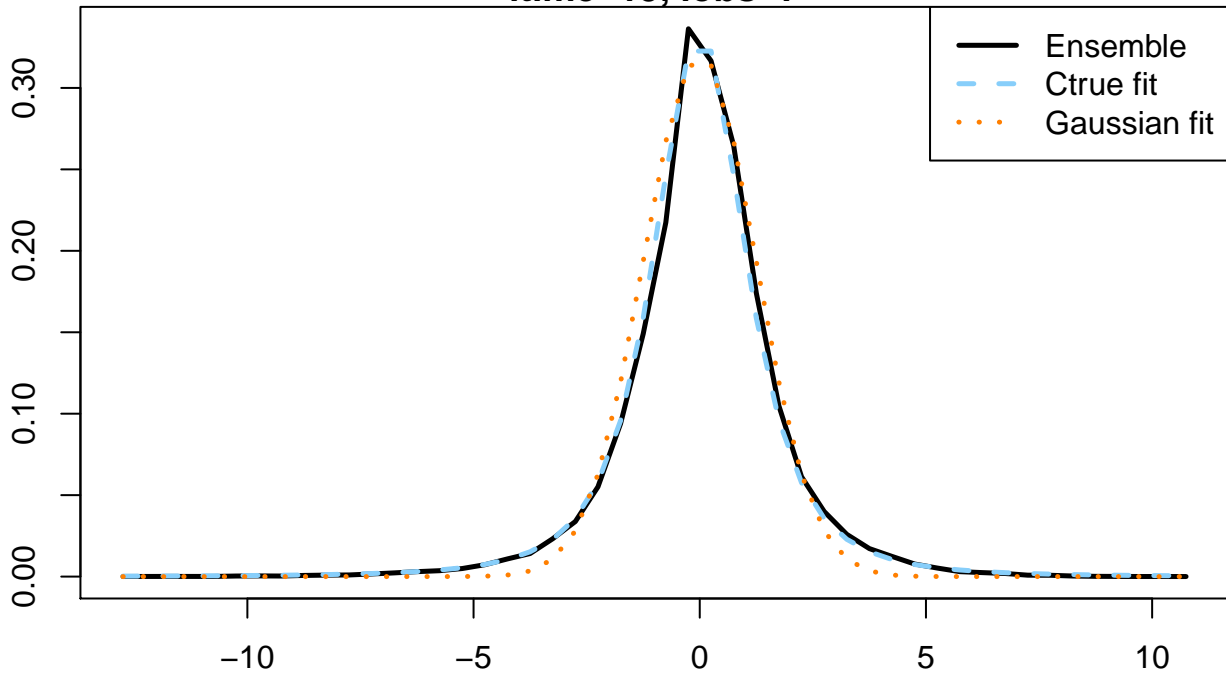
itime=15, iobs=6

density



itime=15, iobs=7

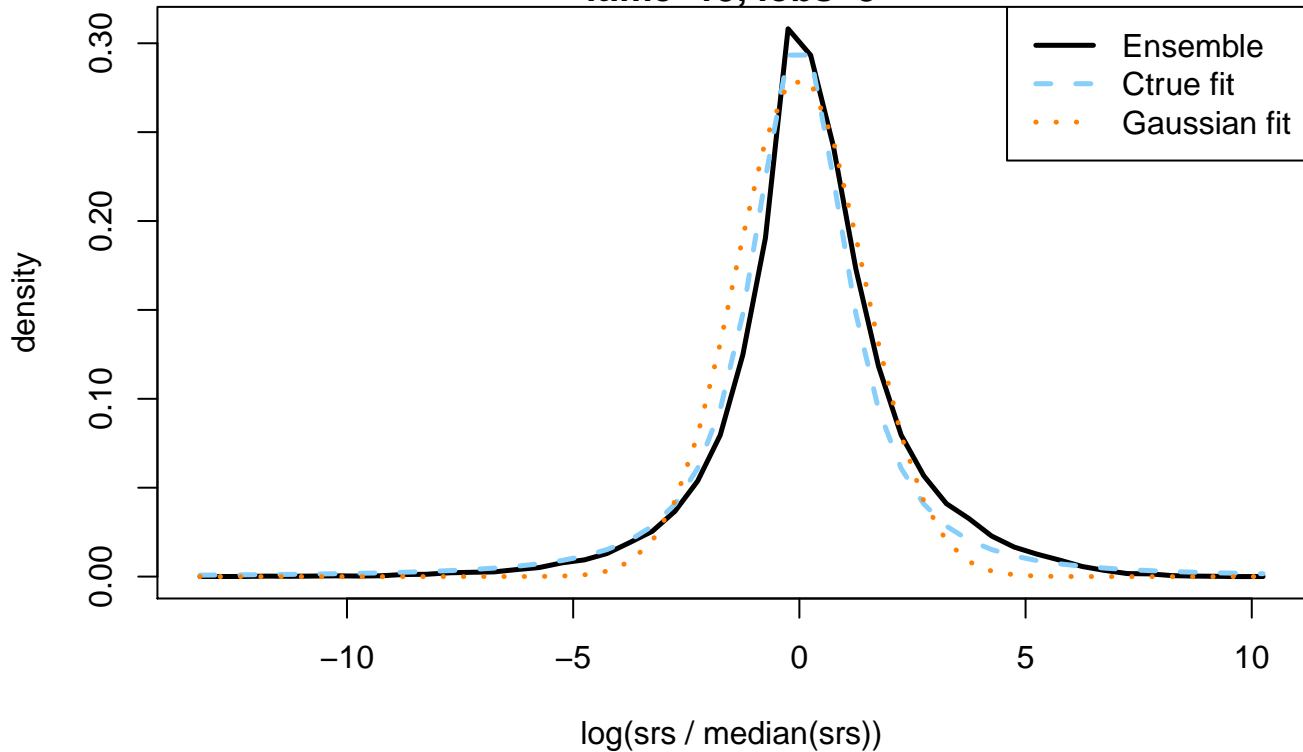
density



— Ensemble
- - Ctrue fit
... Gaussian fit

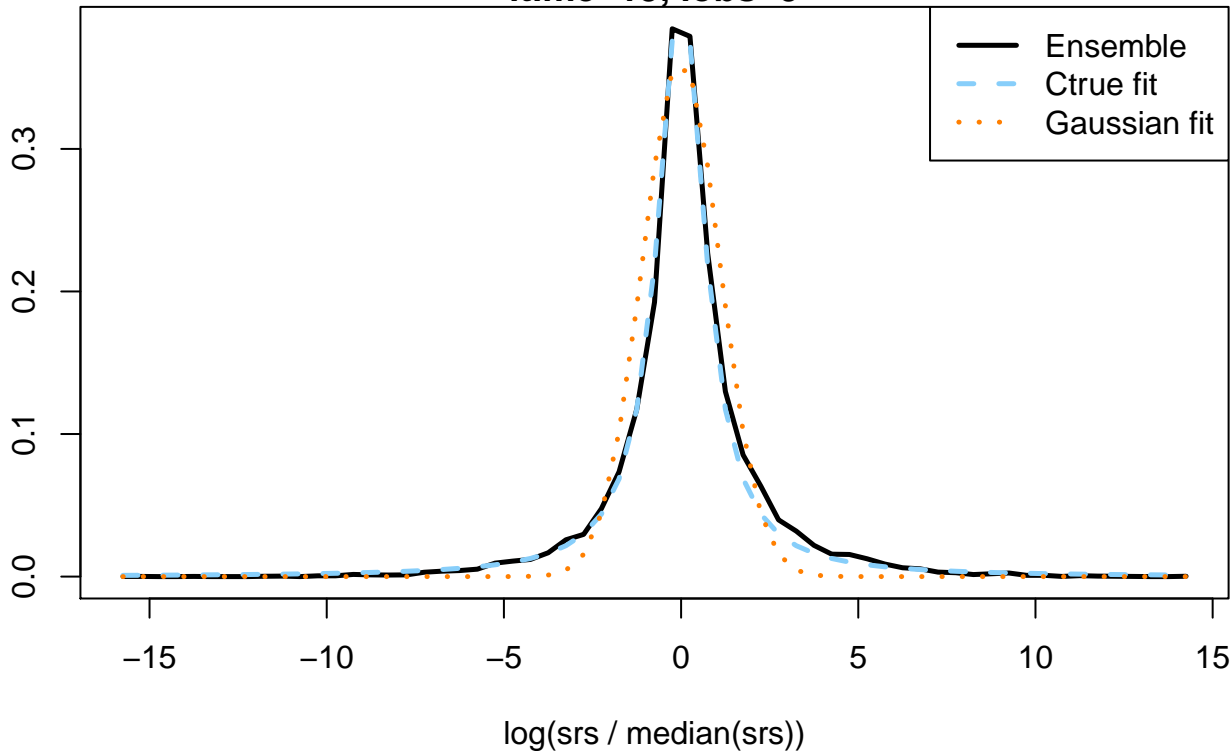
$\log(\text{srs} / \text{median}(\text{srs}))$

itime=15, iobs=8



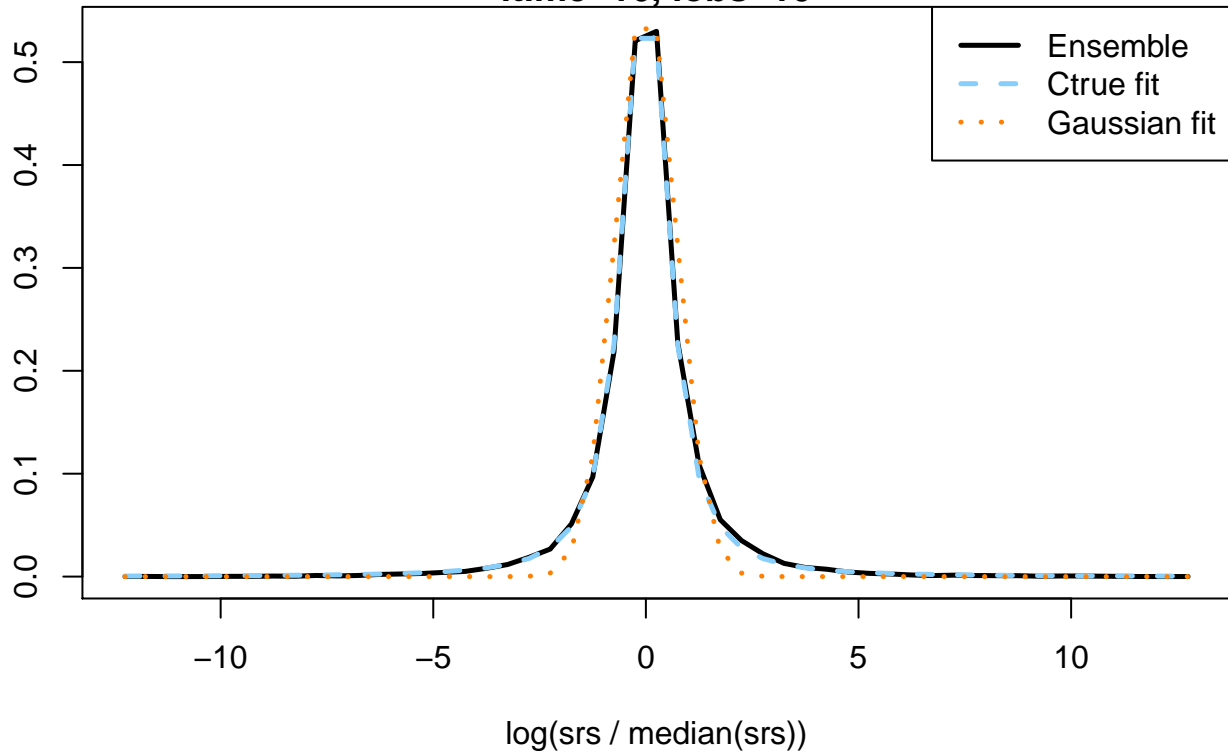
itime=15, iobs=9

density



itime=16, iobs=10

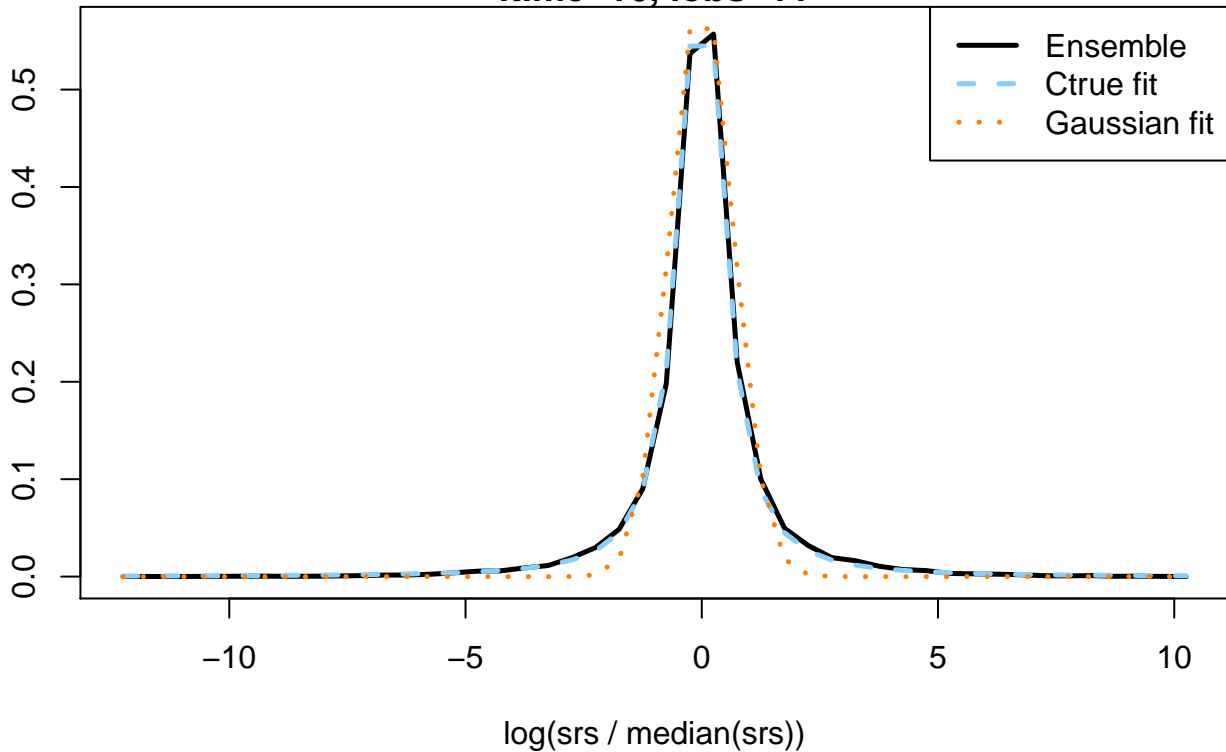
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=16, iobs=11

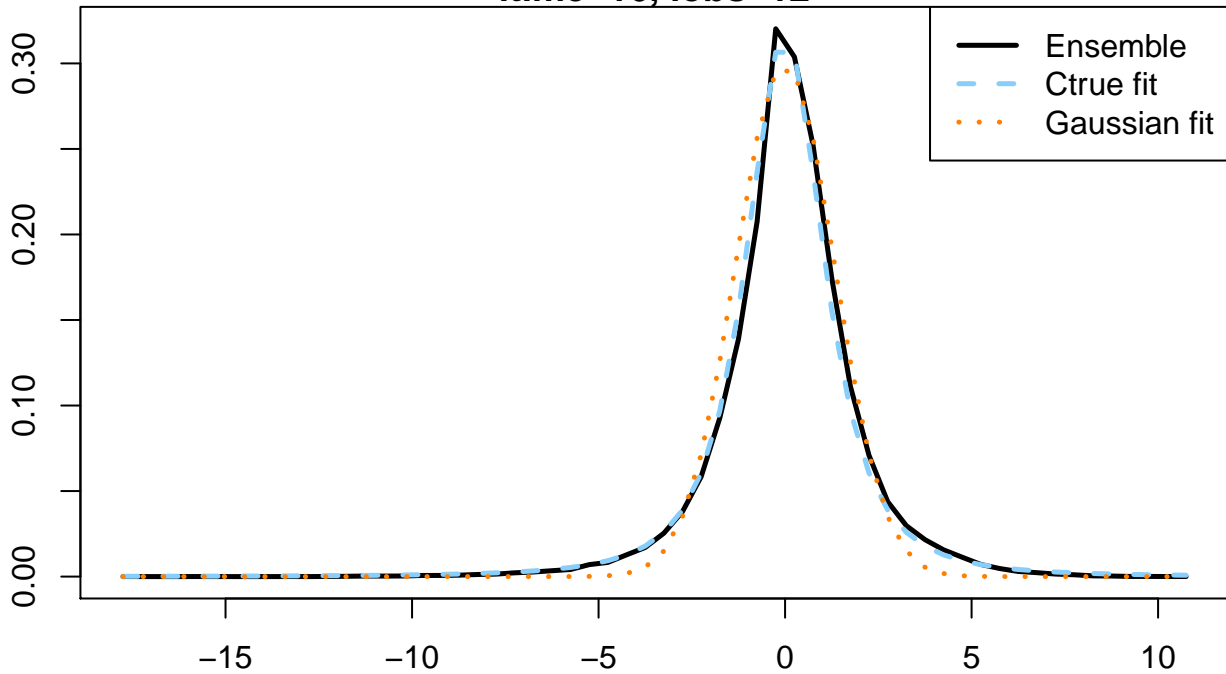
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=16, iobs=12

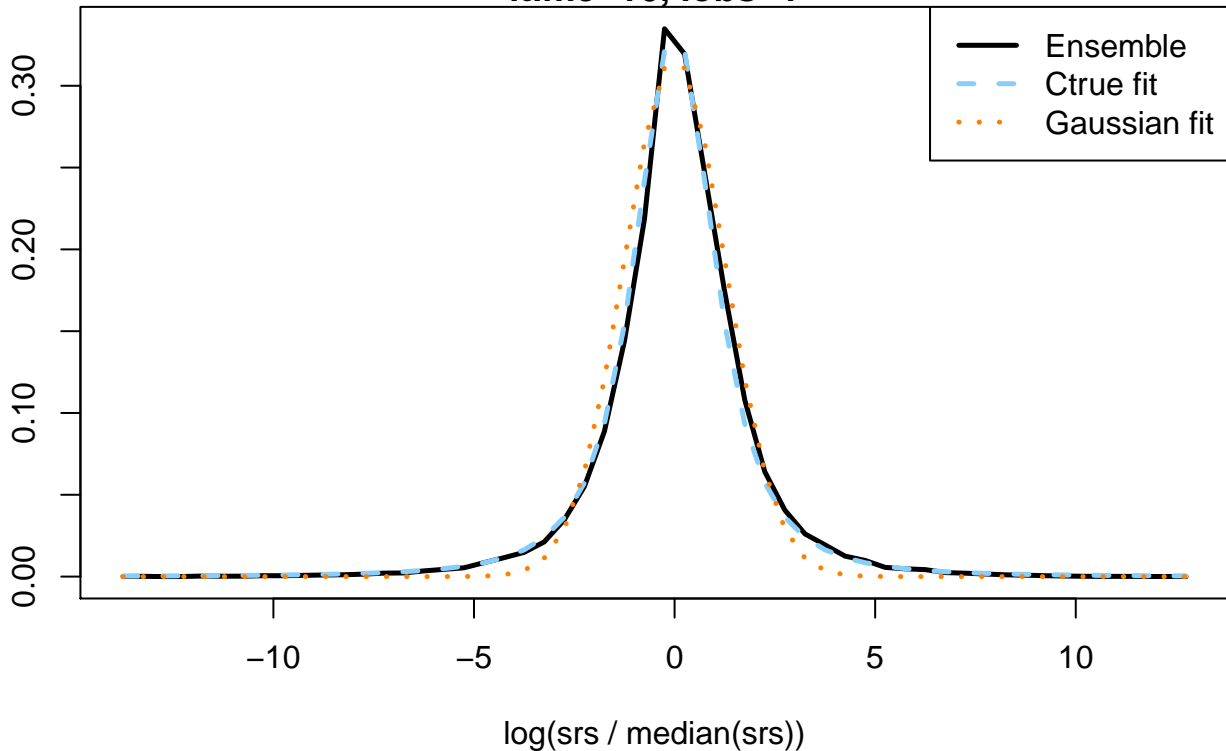
density



log(srs / median(srs))

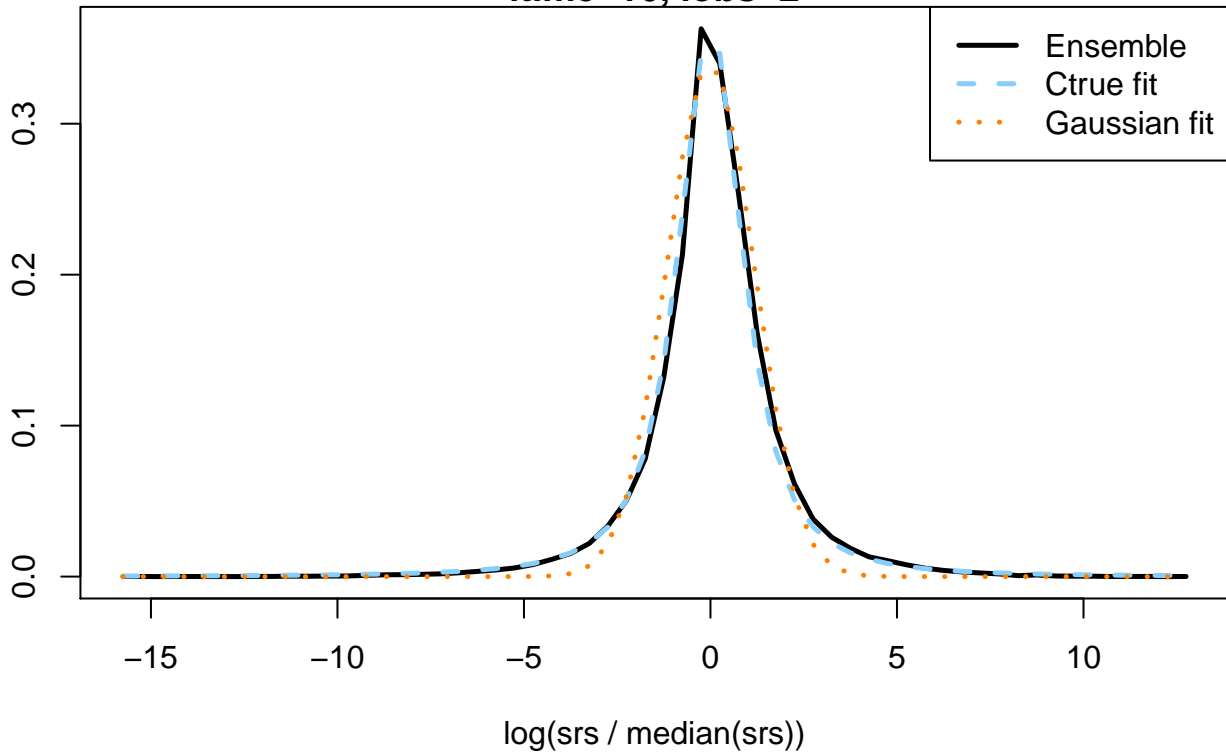
itime=16, iobs=1

density



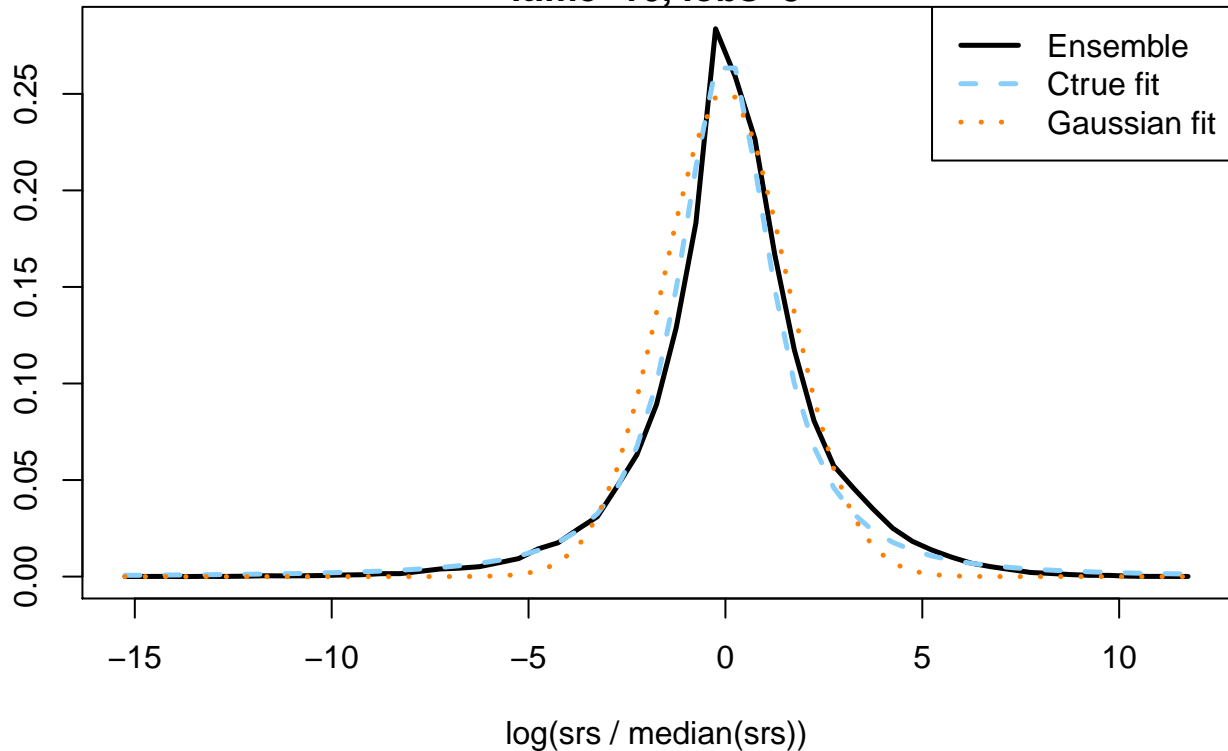
itime=16, iobs=2

density



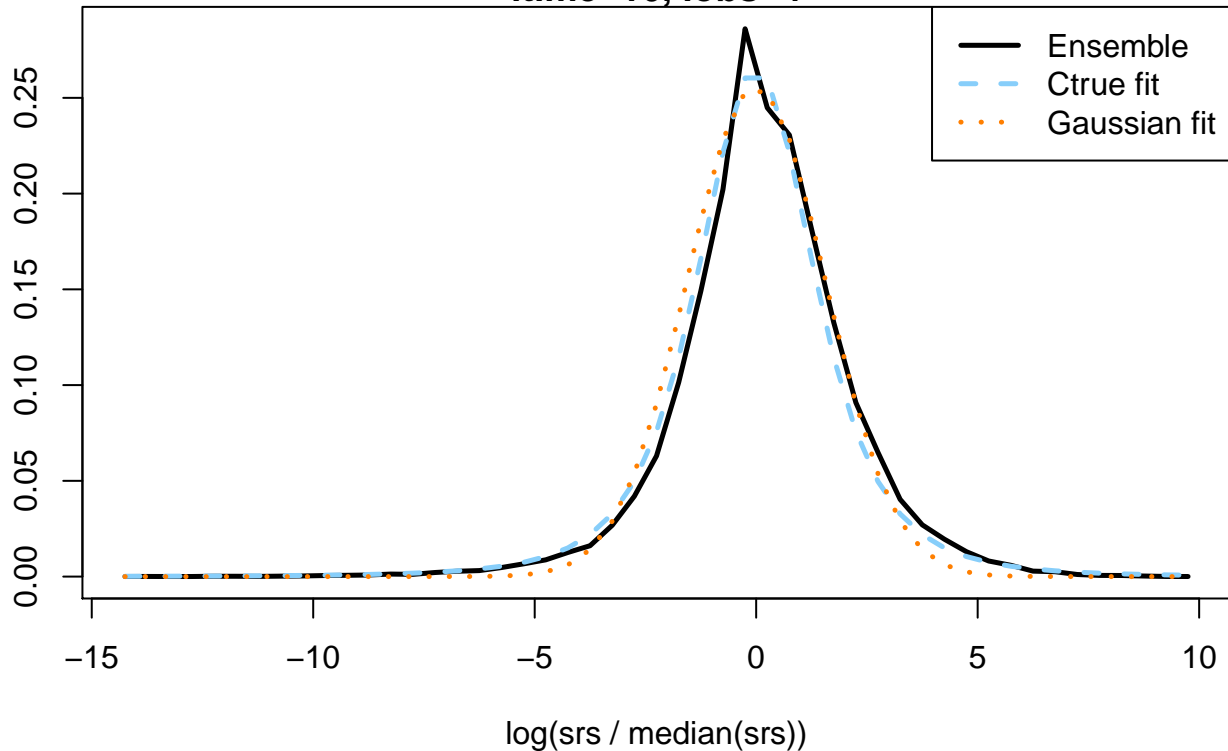
itime=16, iobs=3

density



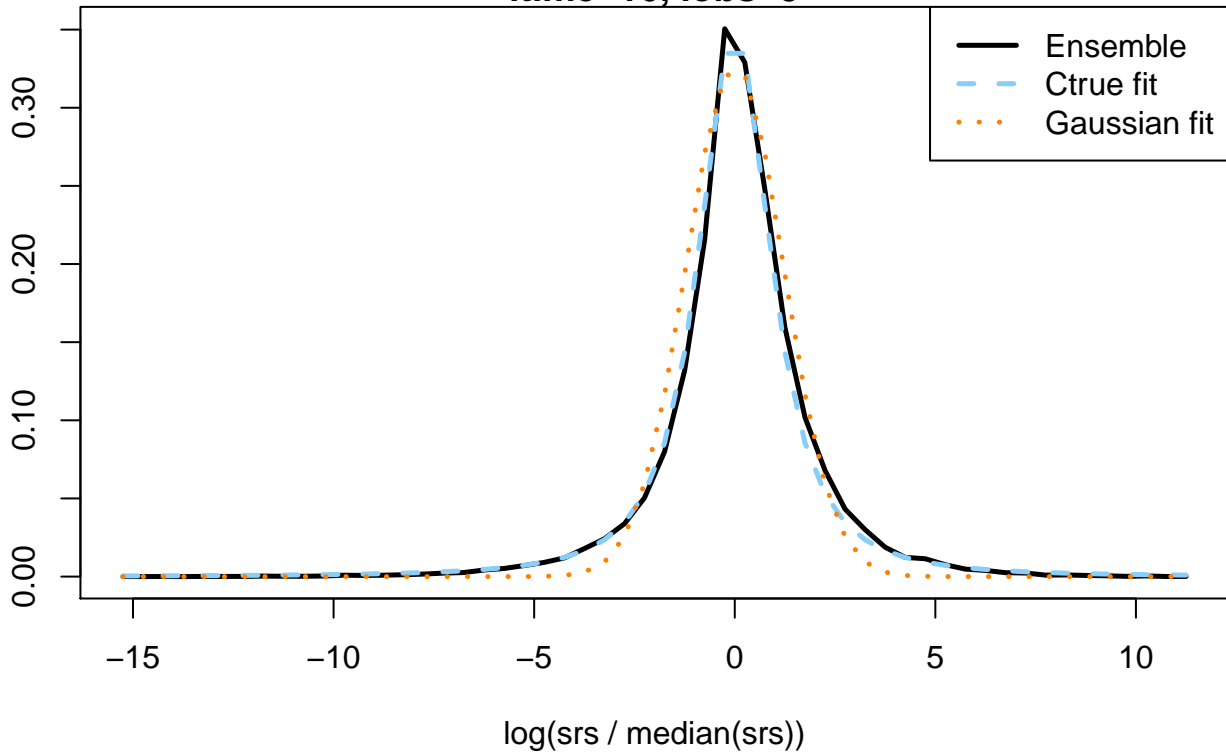
itime=16, iobs=4

density



itime=16, iobs=5

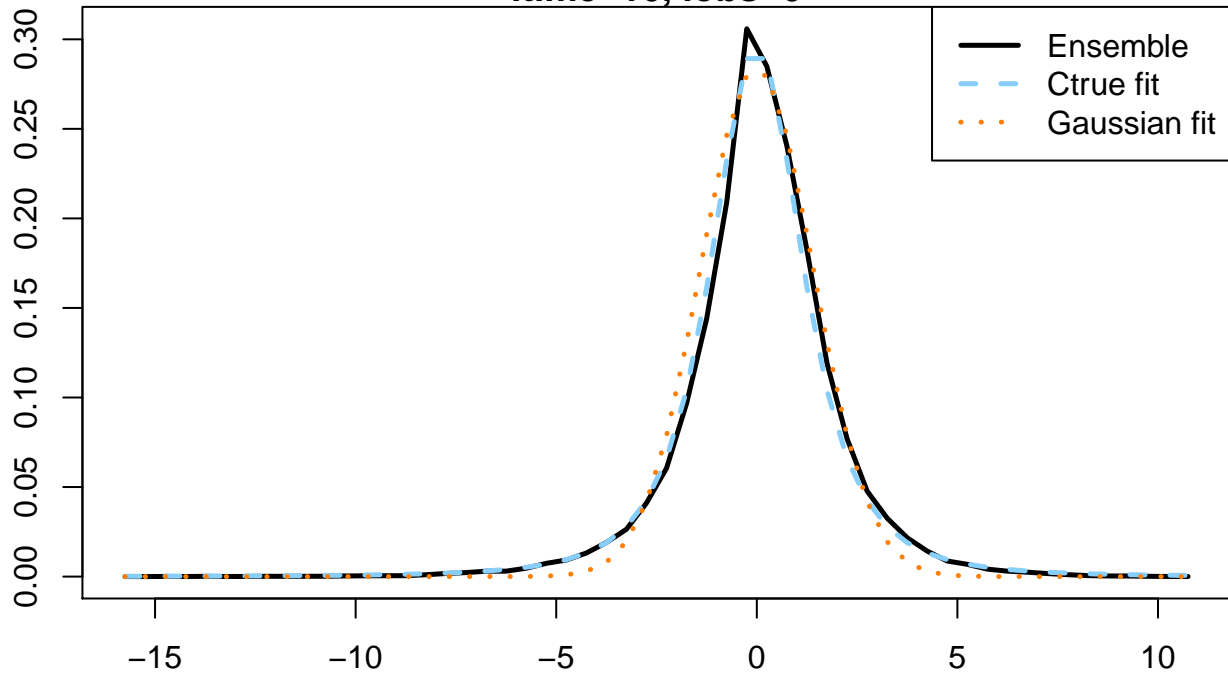
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=16, iobs=6

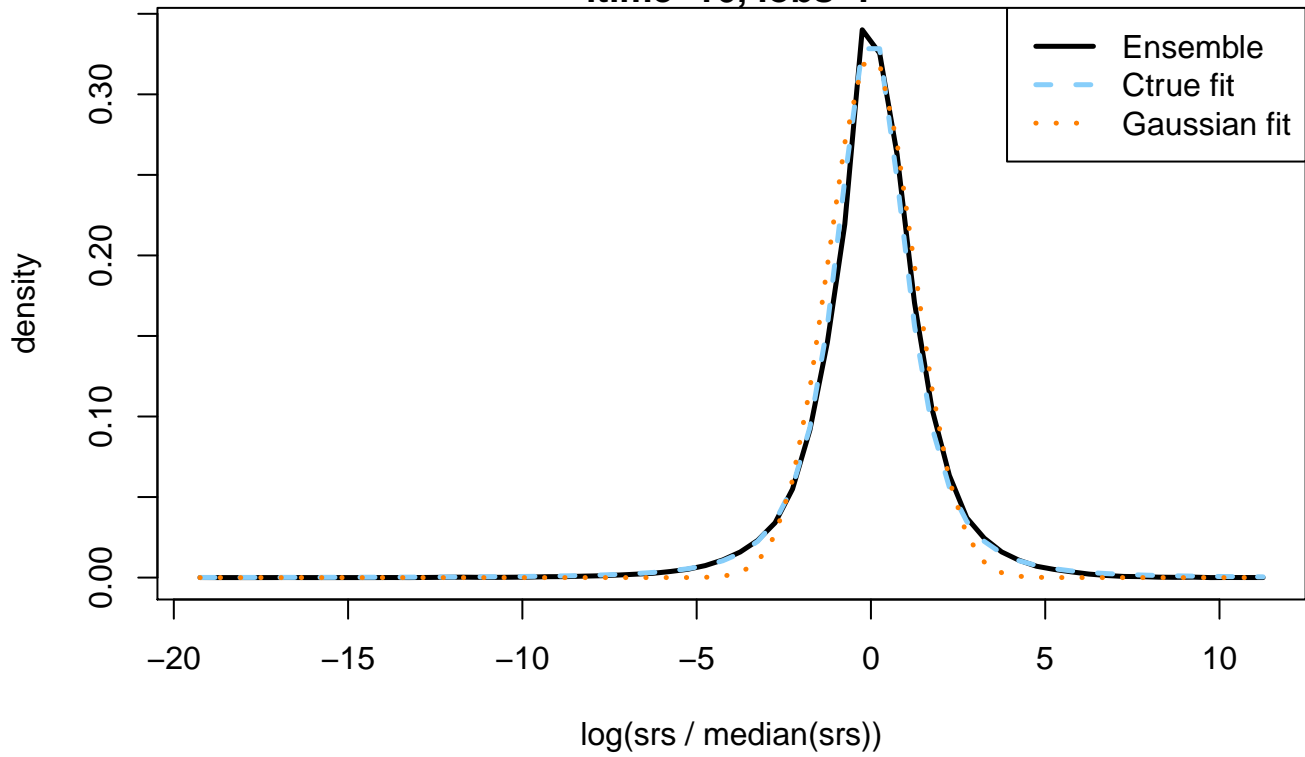
density



— Ensemble
- - Ctrue fit
... Gaussian fit

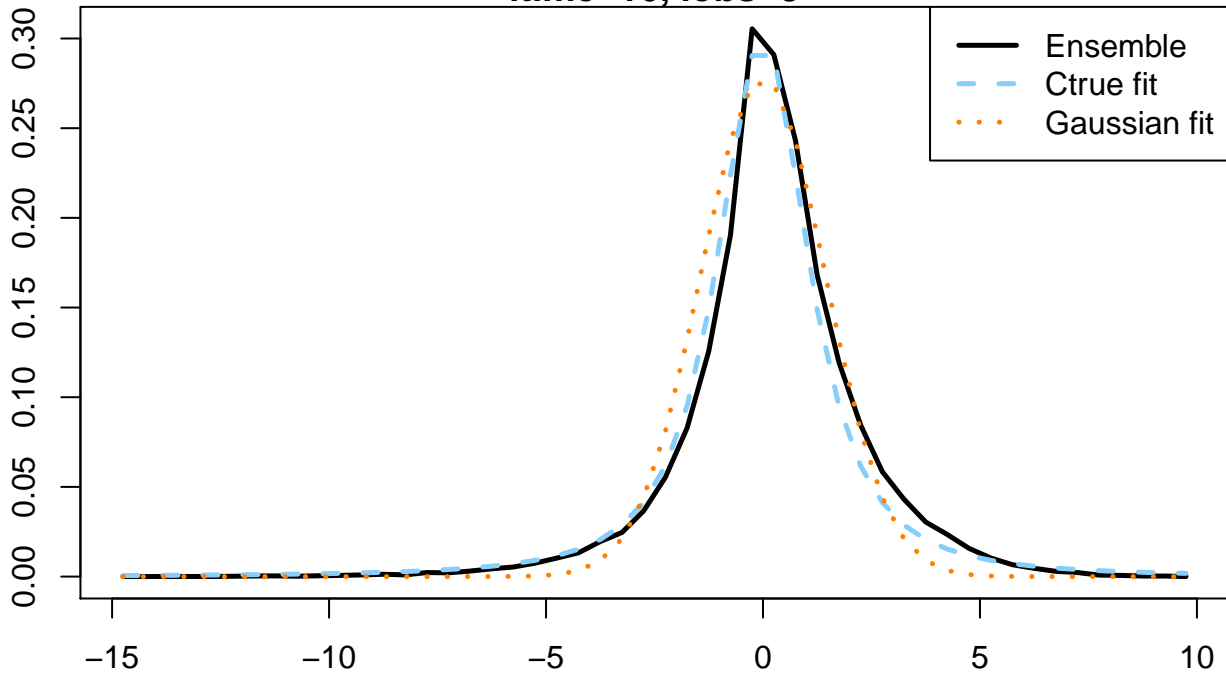
$\log(\text{srs} / \text{median}(\text{srs}))$

itime=16, iobs=7



itime=16, iobs=8

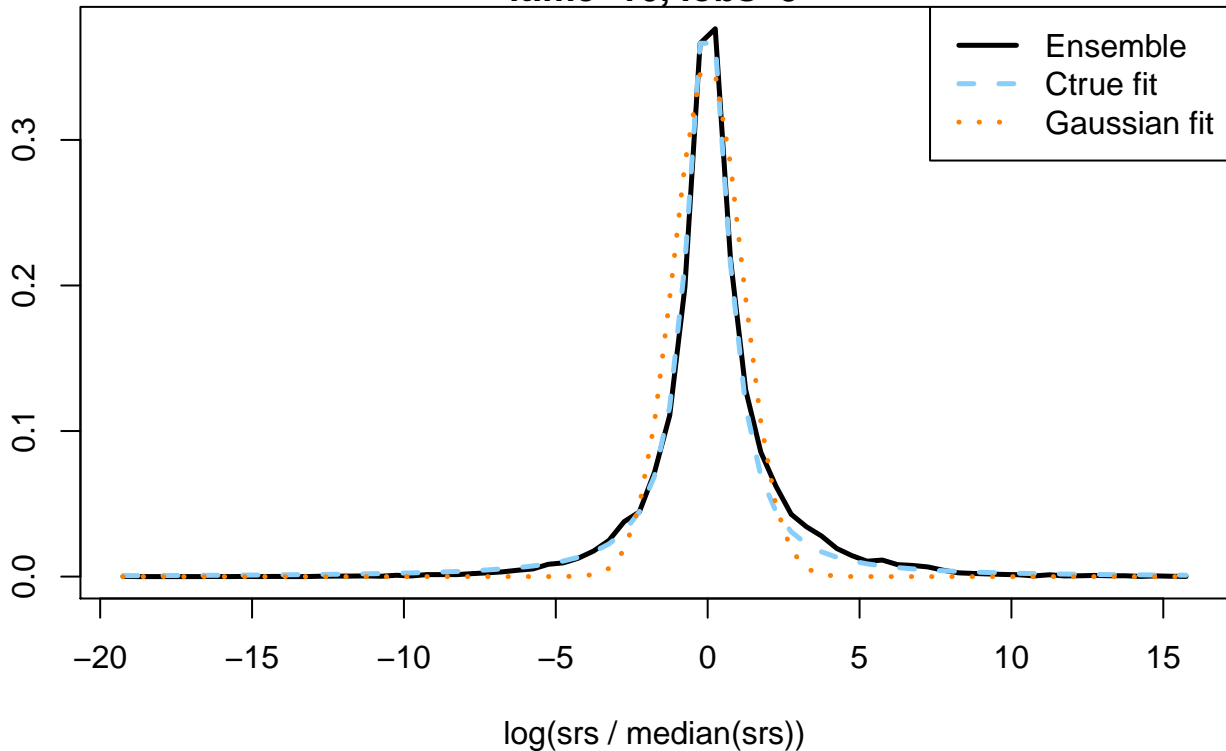
density



log(srs / median(srs))

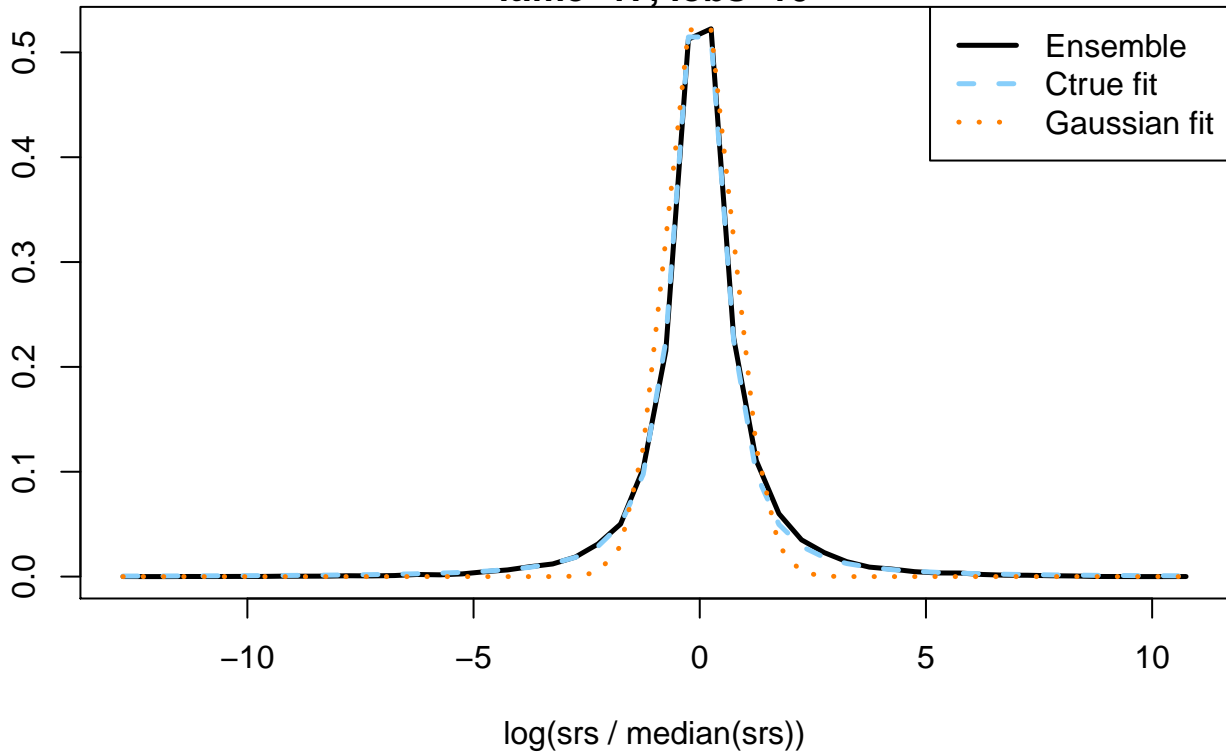
itime=16, iobs=9

density



itime=17, iobs=10

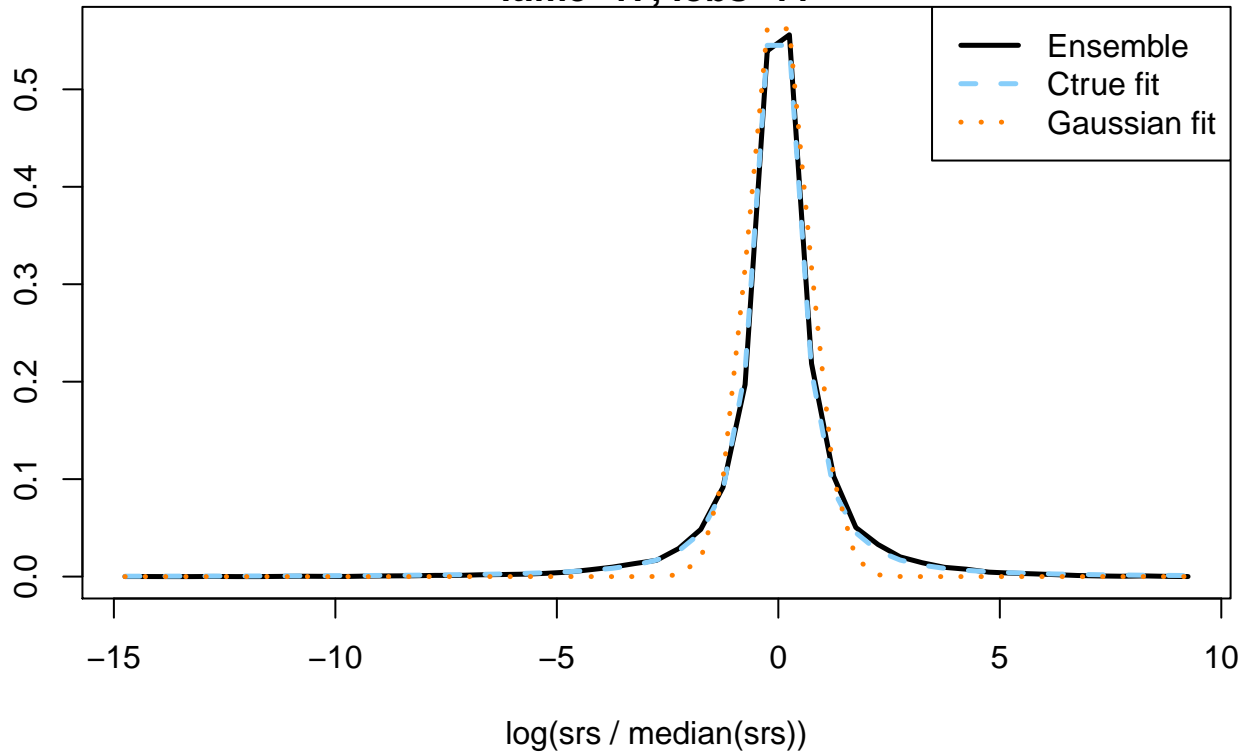
density



— Ensemble
- - Ctrue fit
... Gaussian fit

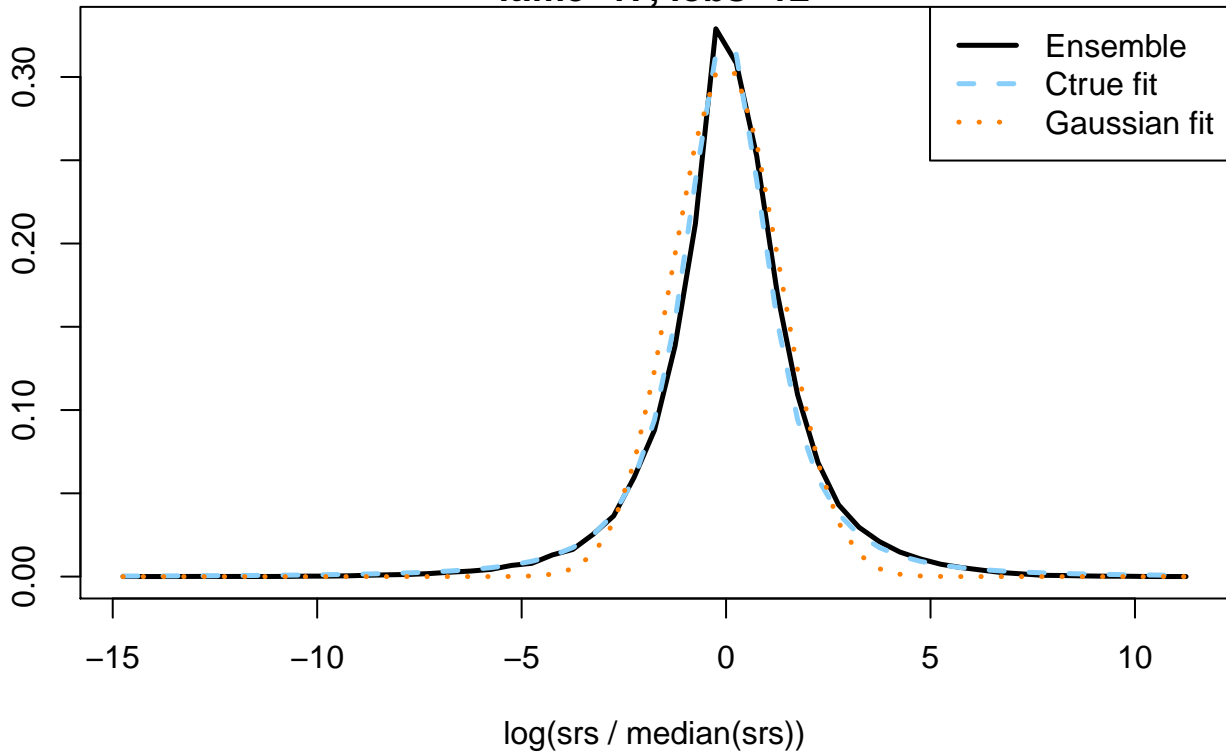
itime=17, iobs=11

density



itime=17, iobs=12

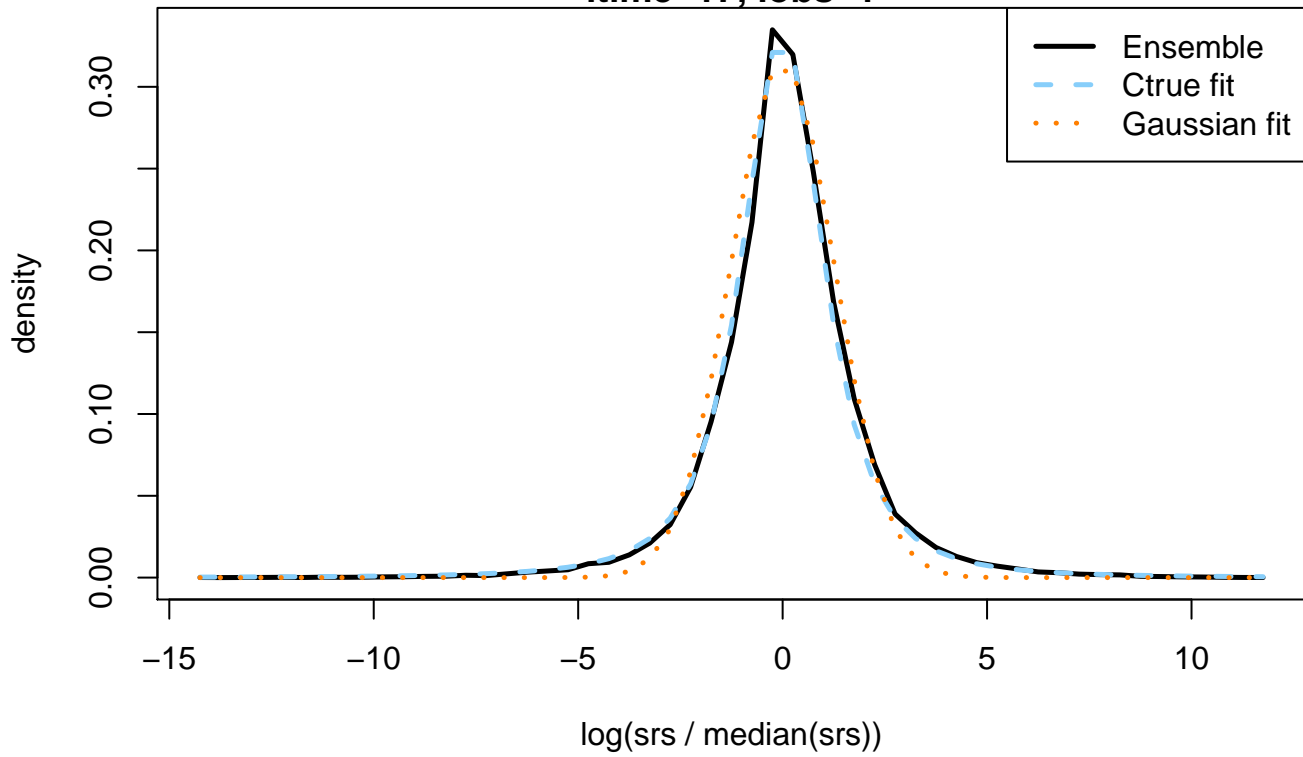
density



— Ensemble
- - Ctrue fit
... Gaussian fit

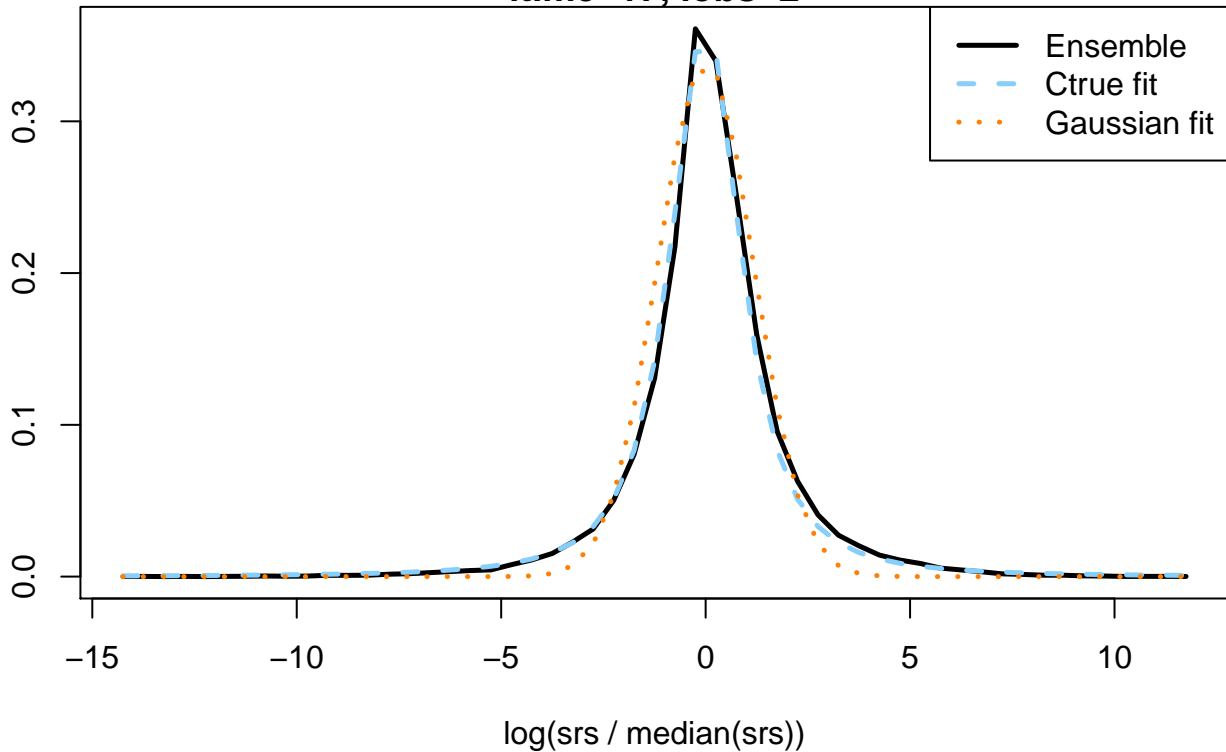
$\log(\text{srs} / \text{median}(\text{srs}))$

itime=17, iobs=1



itime=17, iobs=2

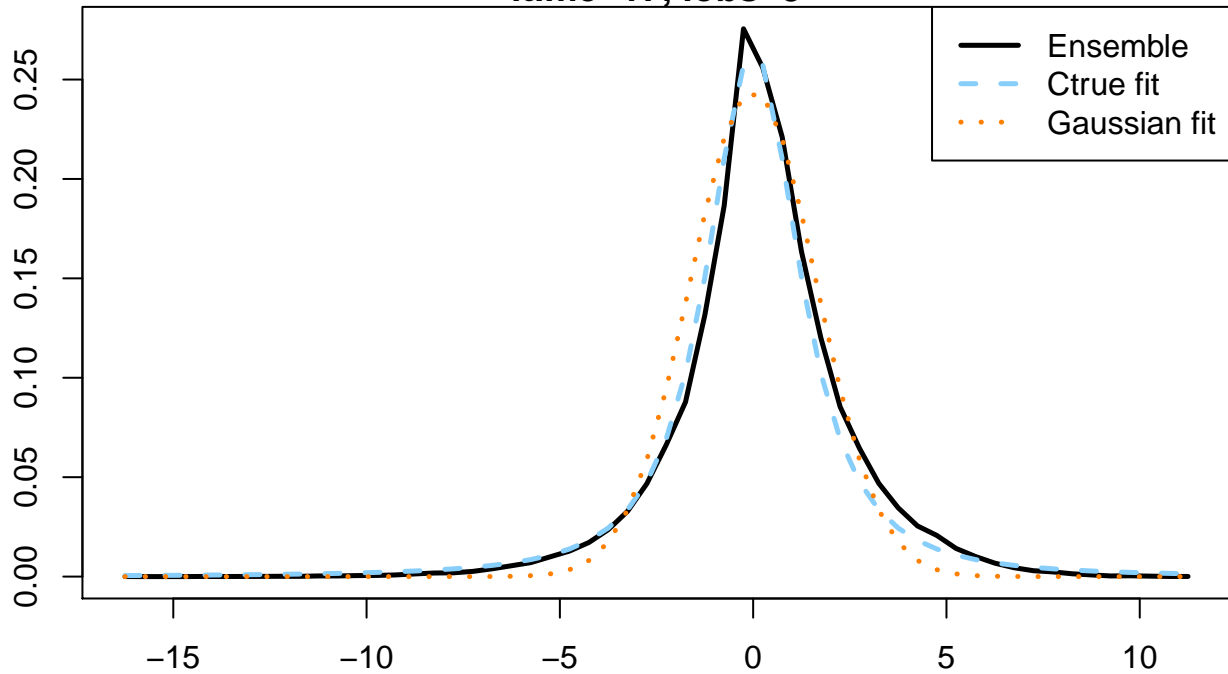
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=17, iobs=3

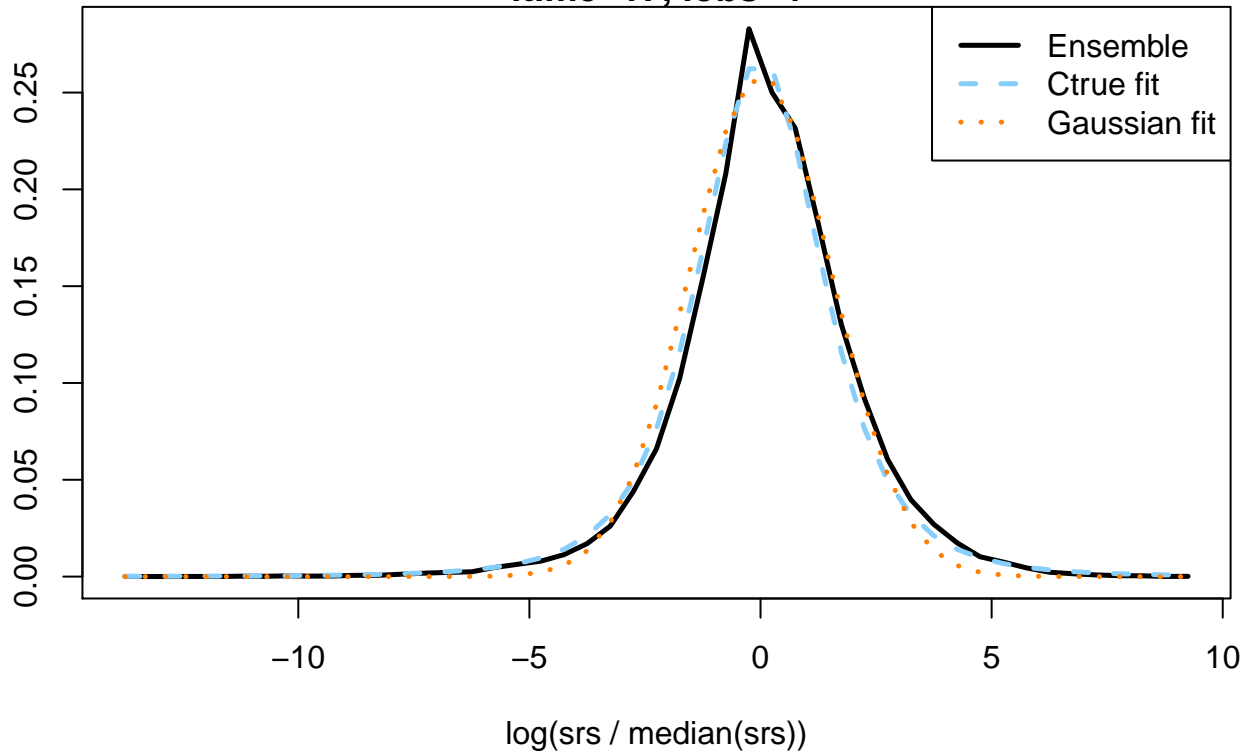
density



log(srs / median(srs))

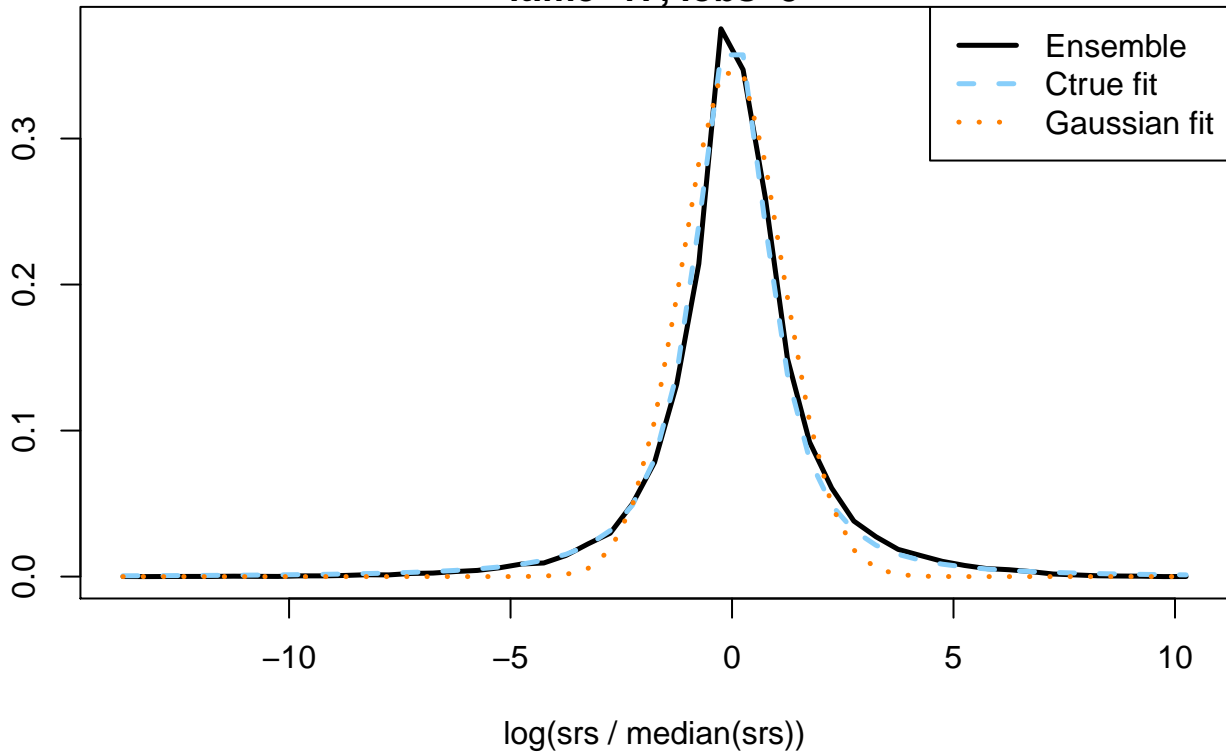
itime=17, iobs=4

density



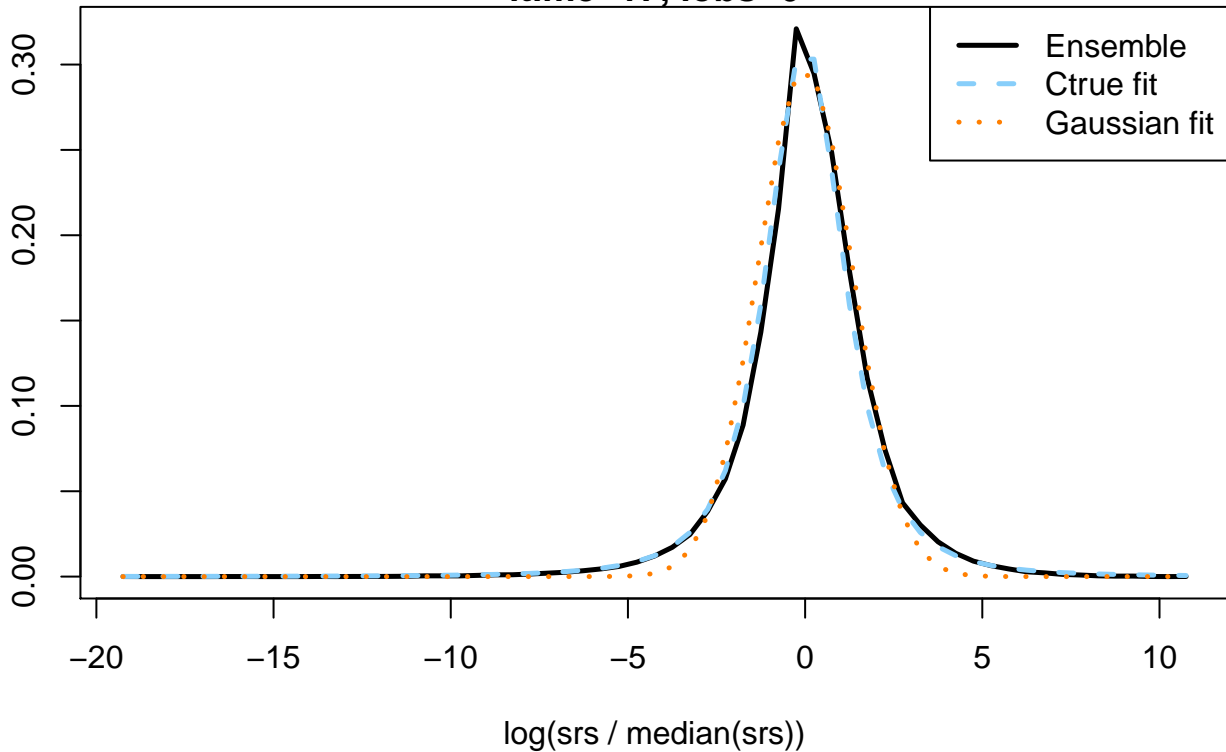
itime=17, iobs=5

density



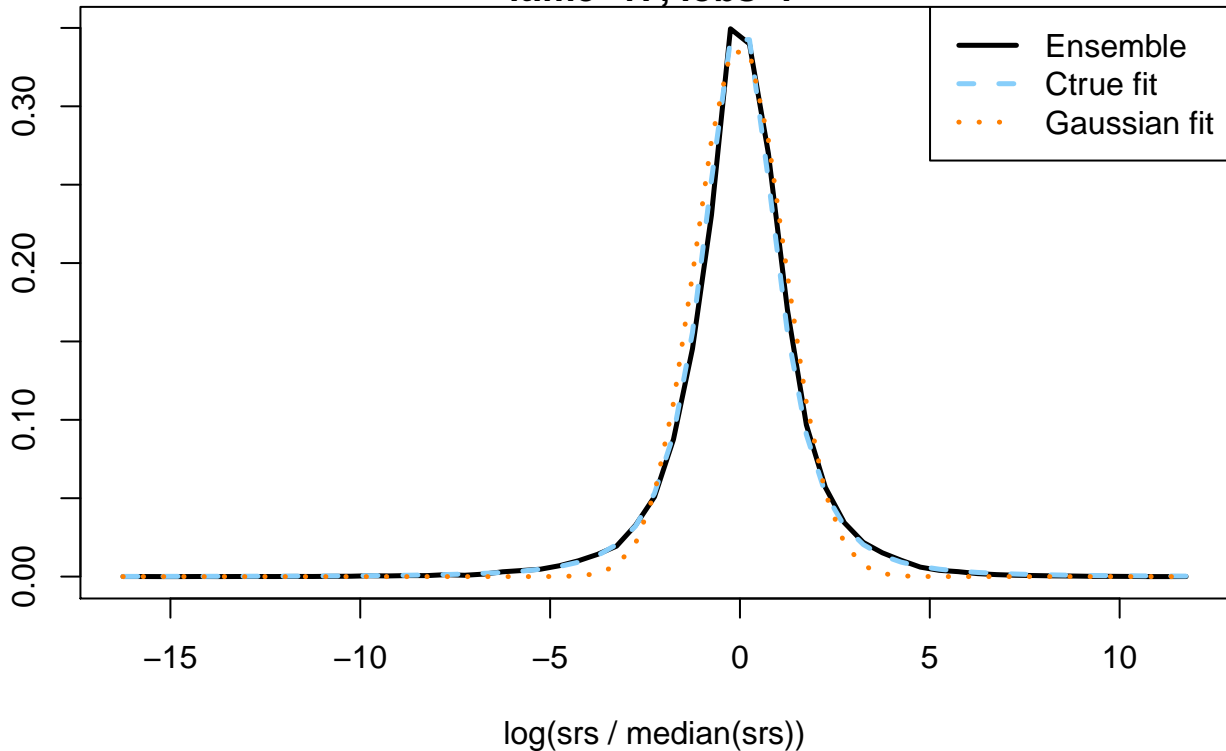
itime=17, iobs=6

density



itime=17, iobs=7

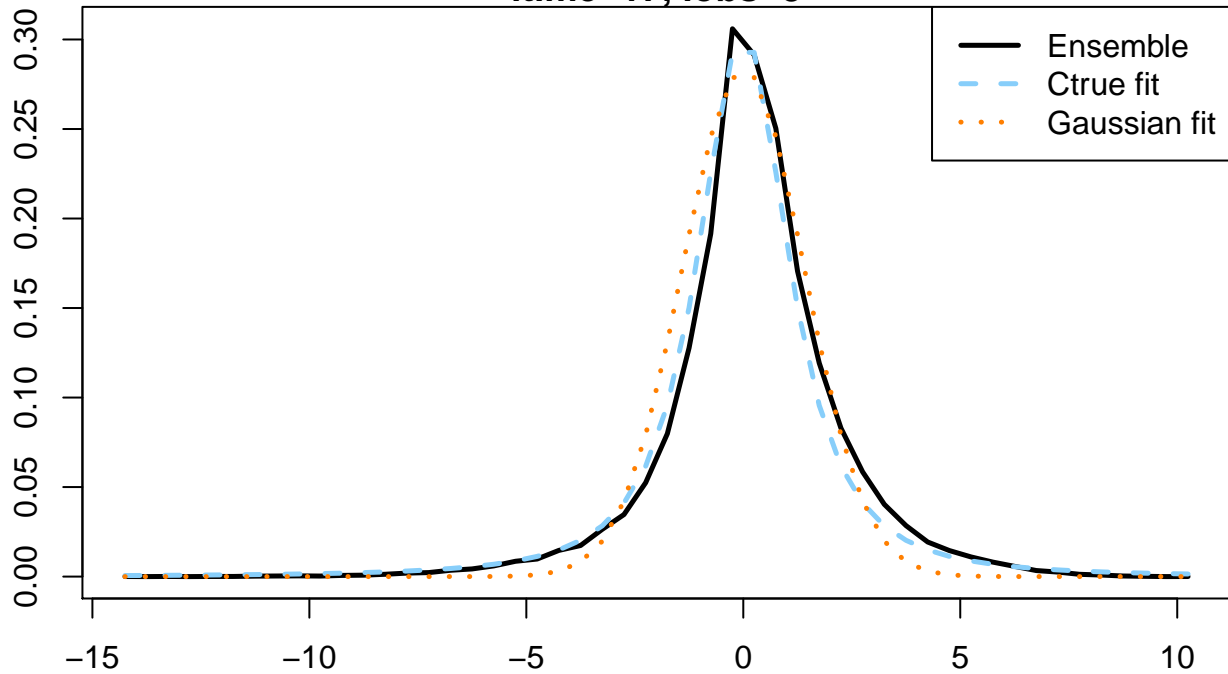
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=17, iobs=8

density

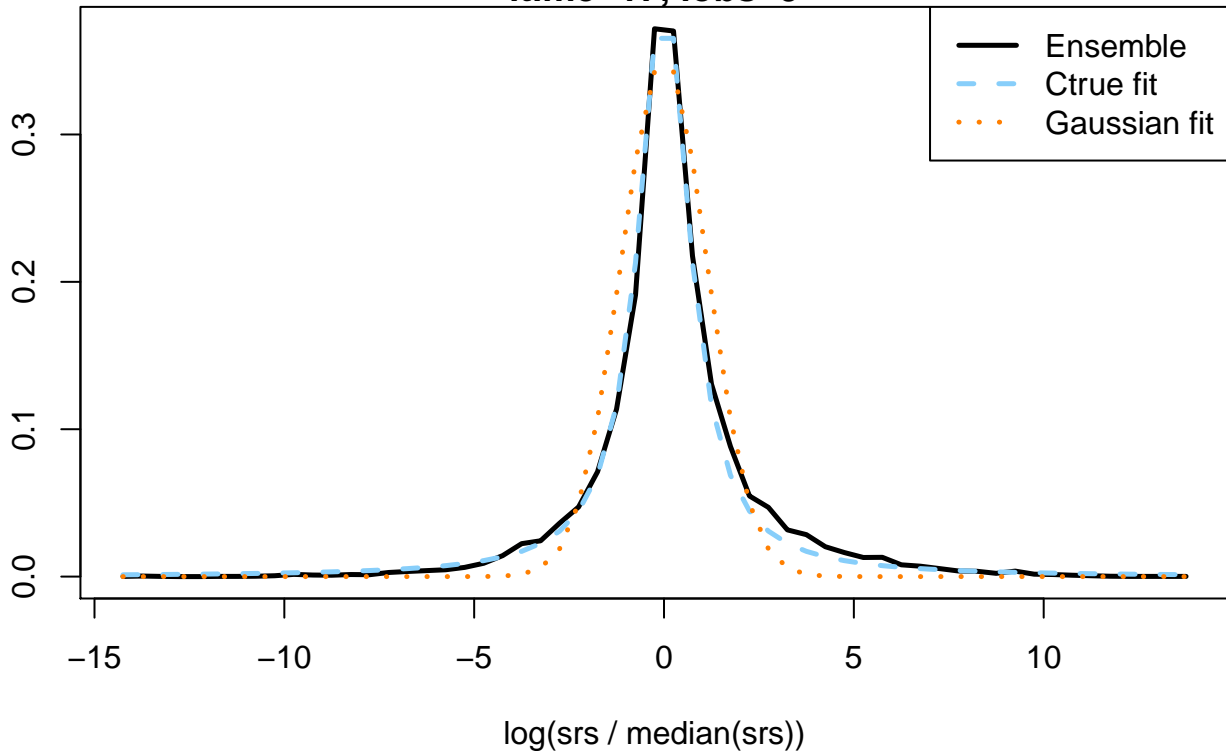


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

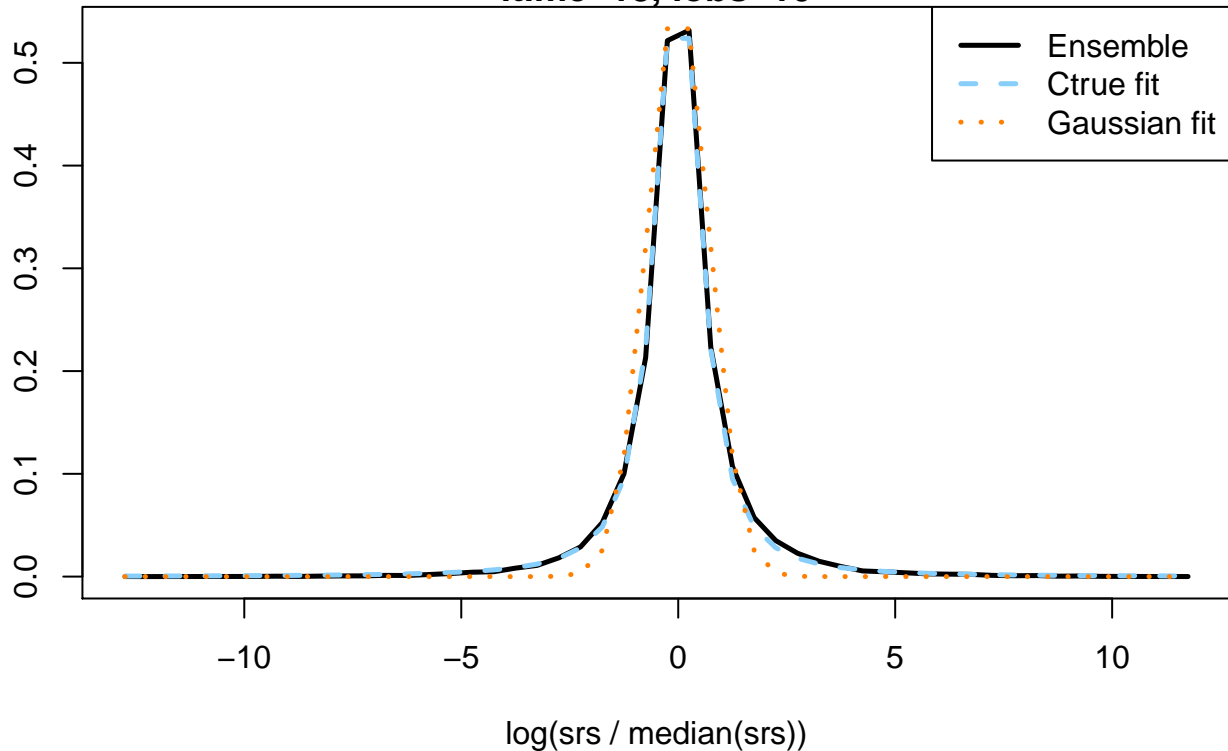
itime=17, iobs=9

density



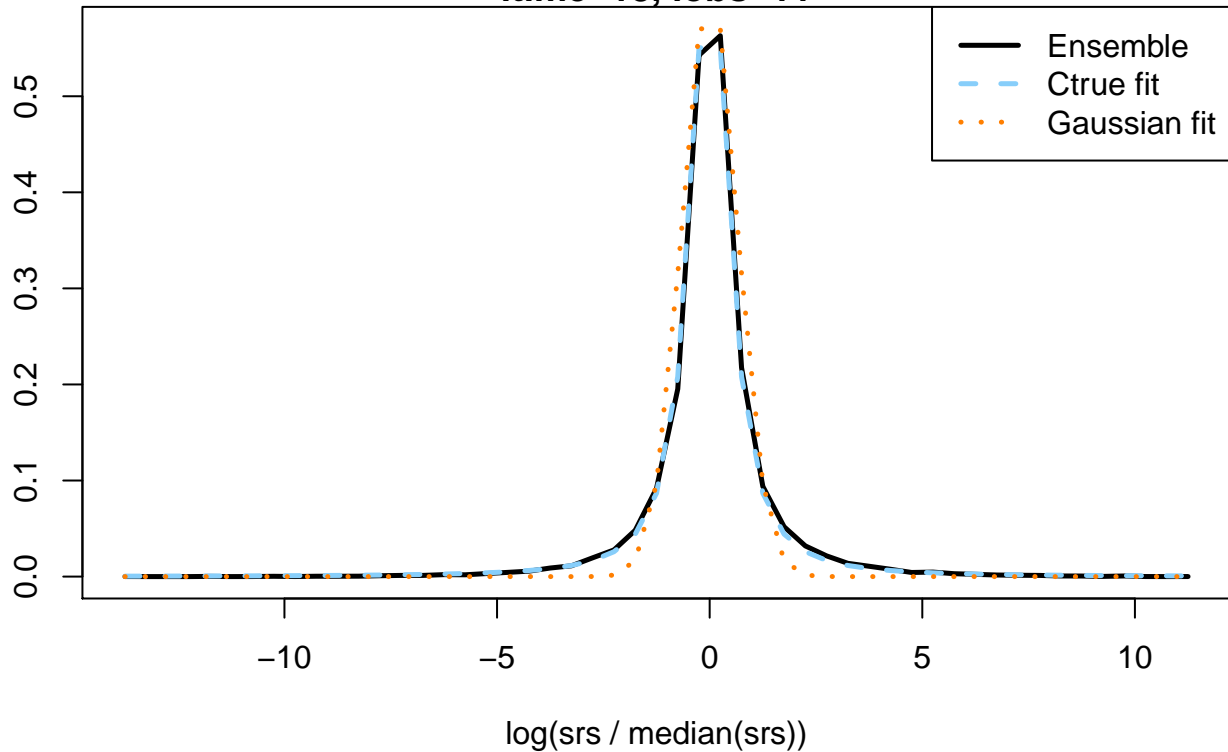
itime=18, iobs=10

density



itime=18, iobs=11

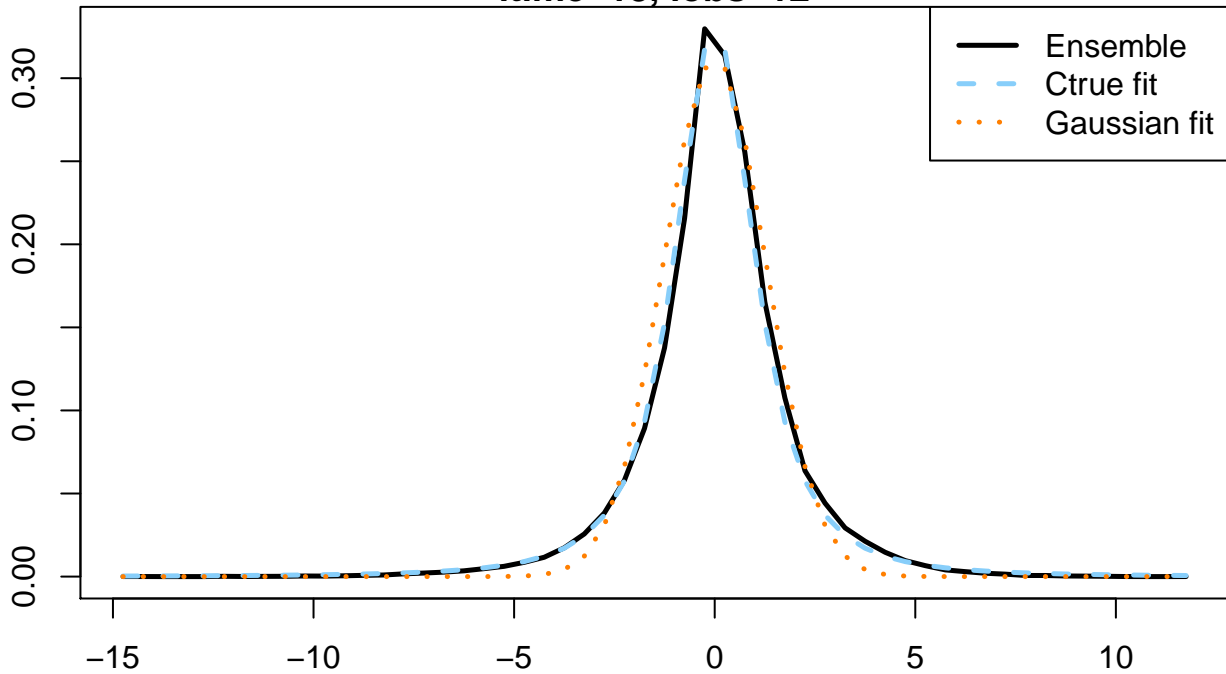
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=18, iobs=12

density

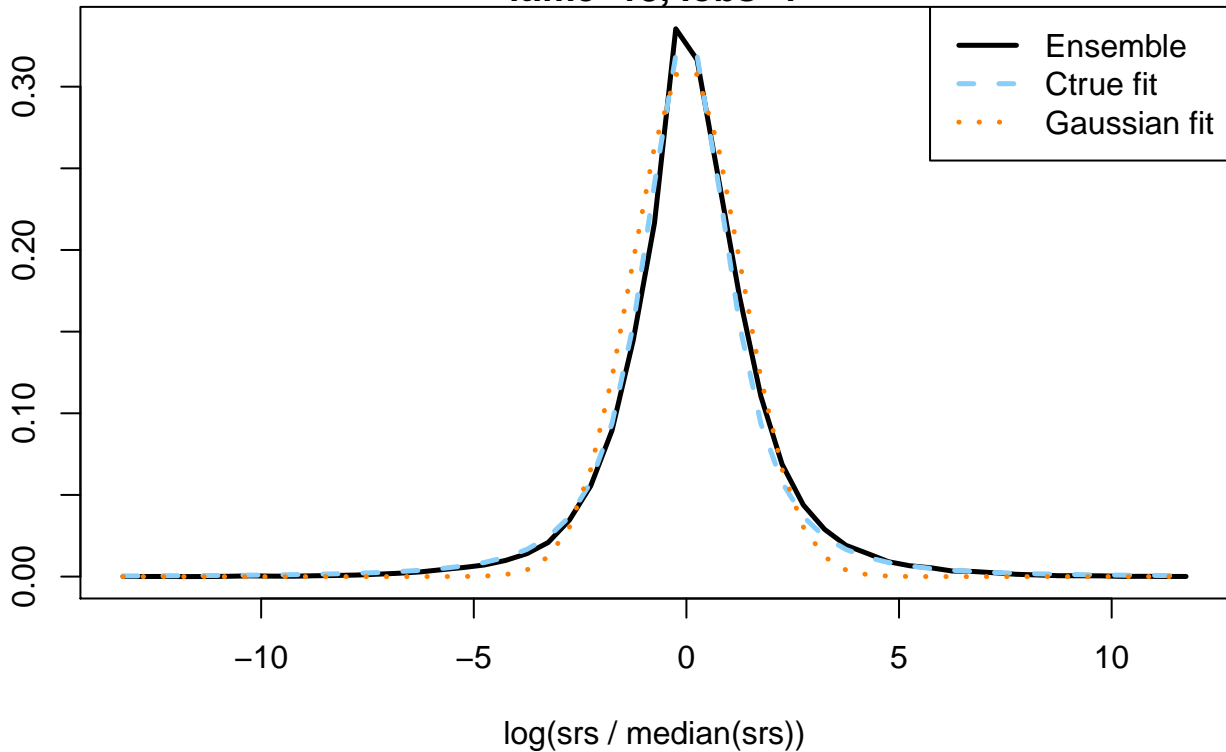


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

itime=18, iobs=1

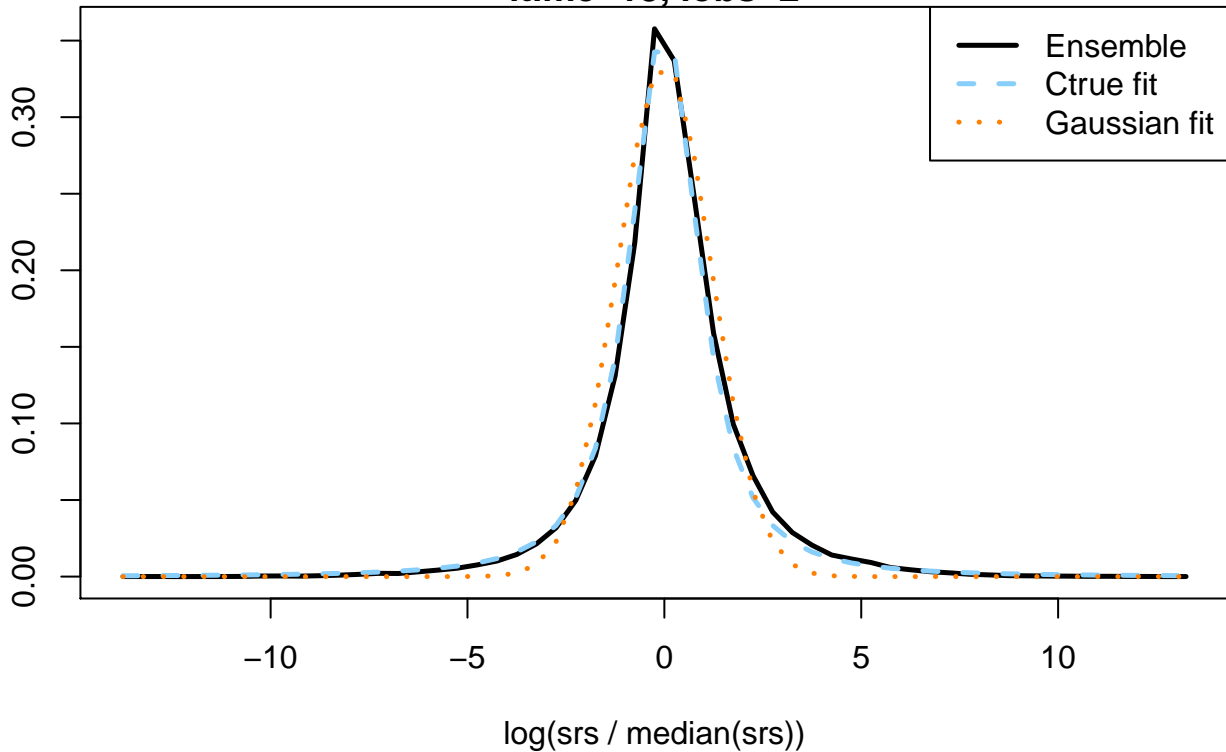
density



— Ensemble
- - Ctrue fit
... Gaussian fit

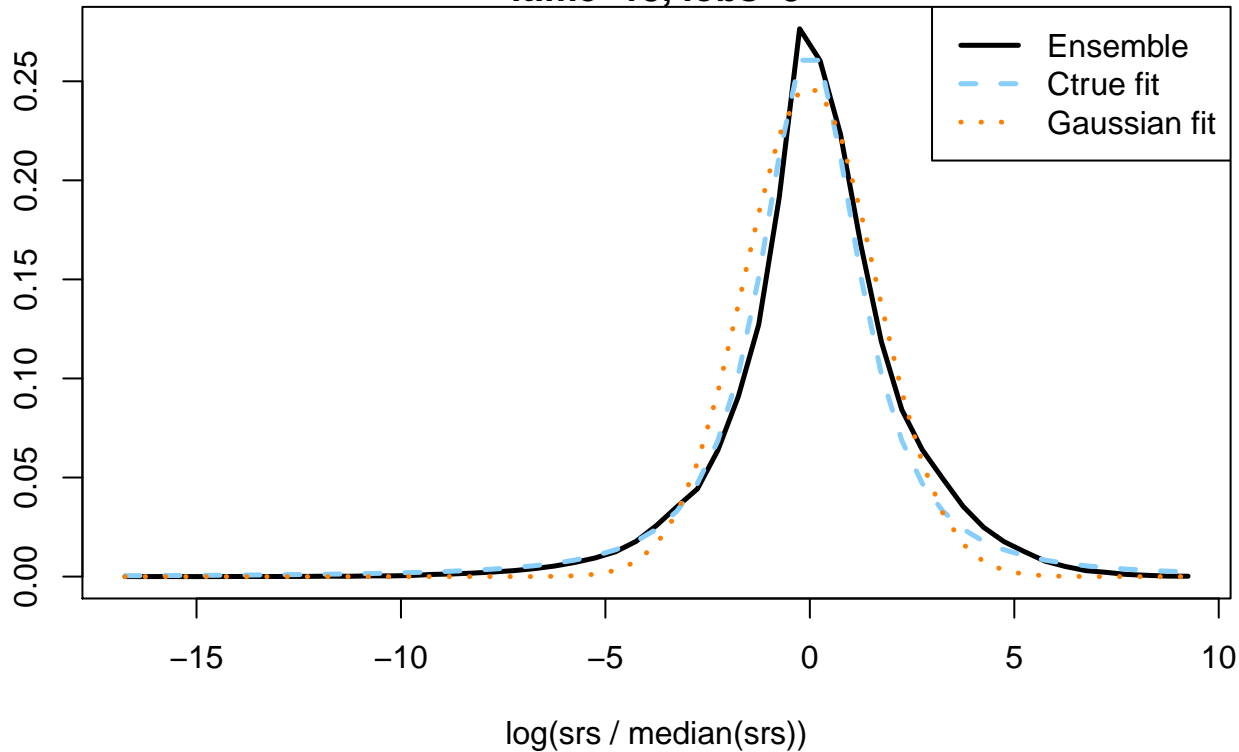
itime=18, iobs=2

density



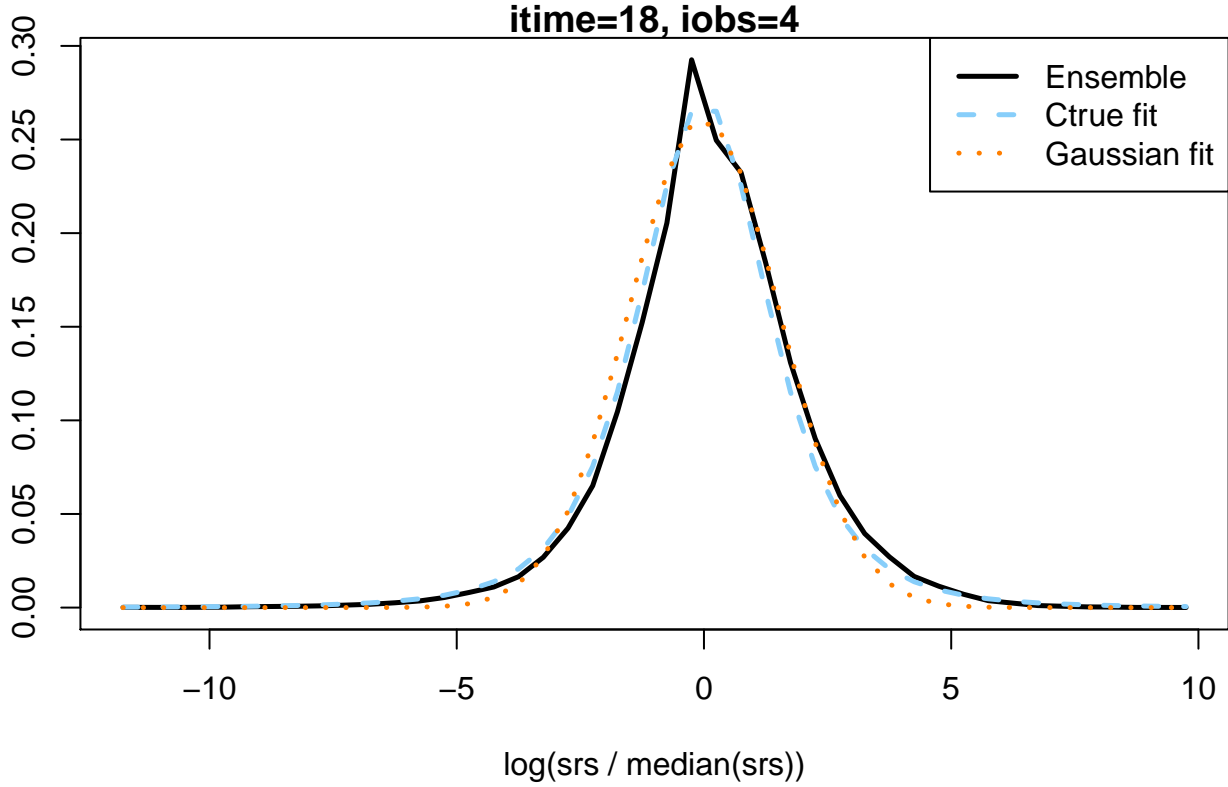
itime=18, iobs=3

density



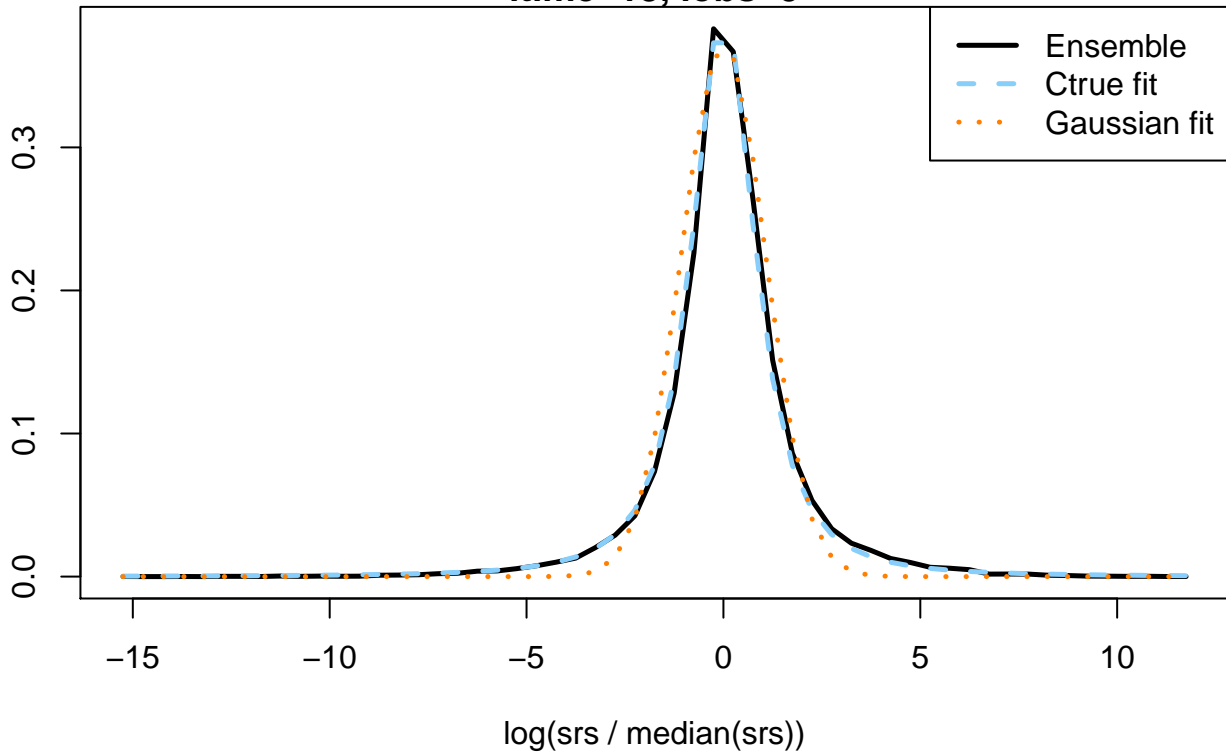
itime=18, iobs=4

density



itime=18, iobs=5

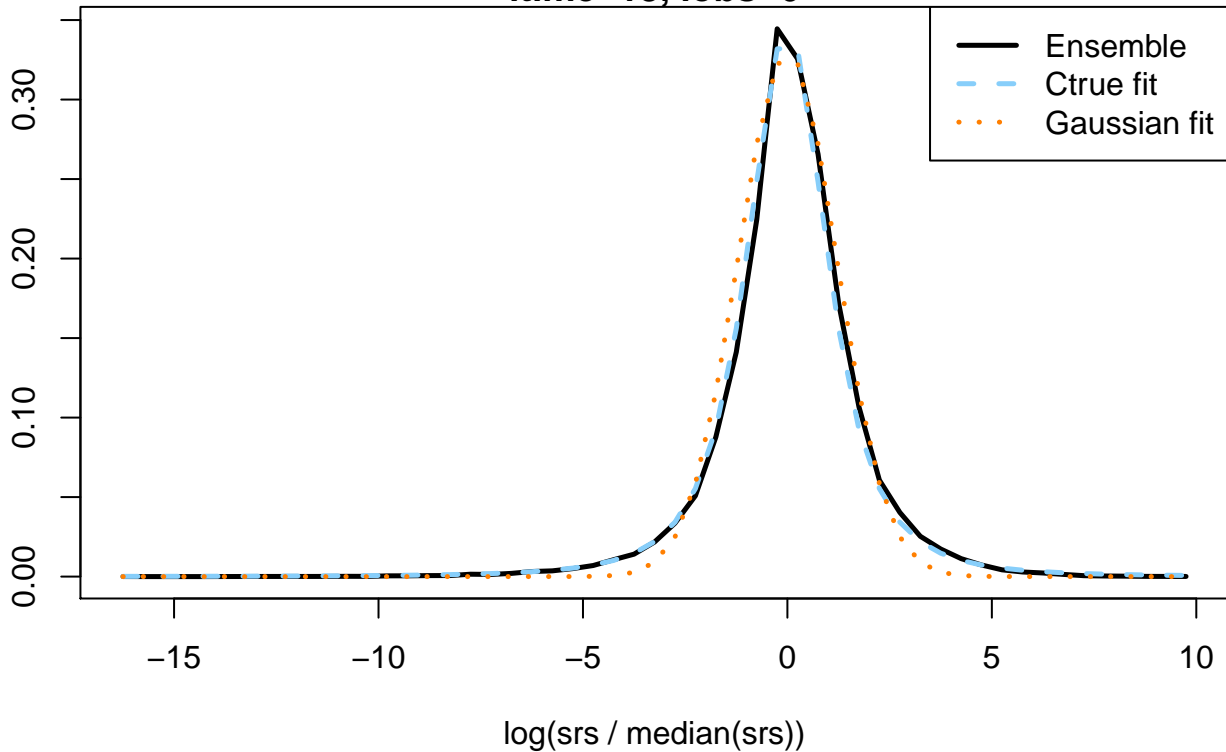
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=18, iobs=6

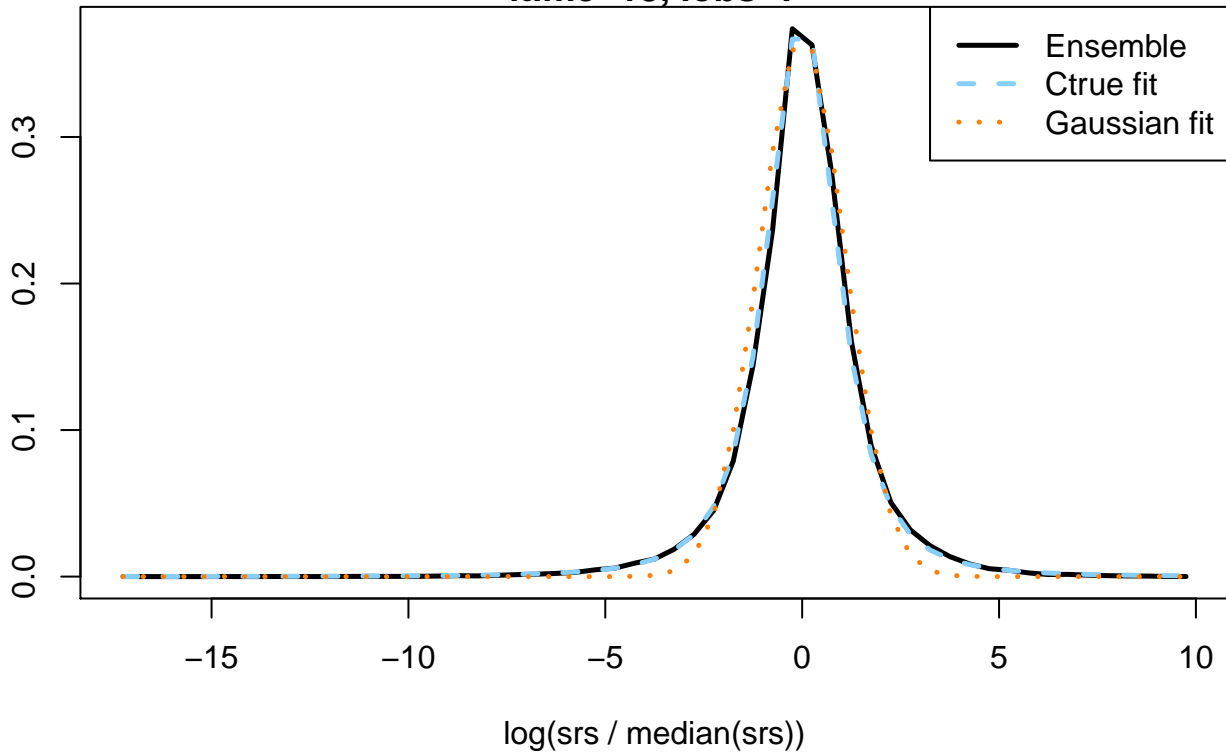
density



— Ensemble
- - Ctrue fit
... Gaussian fit

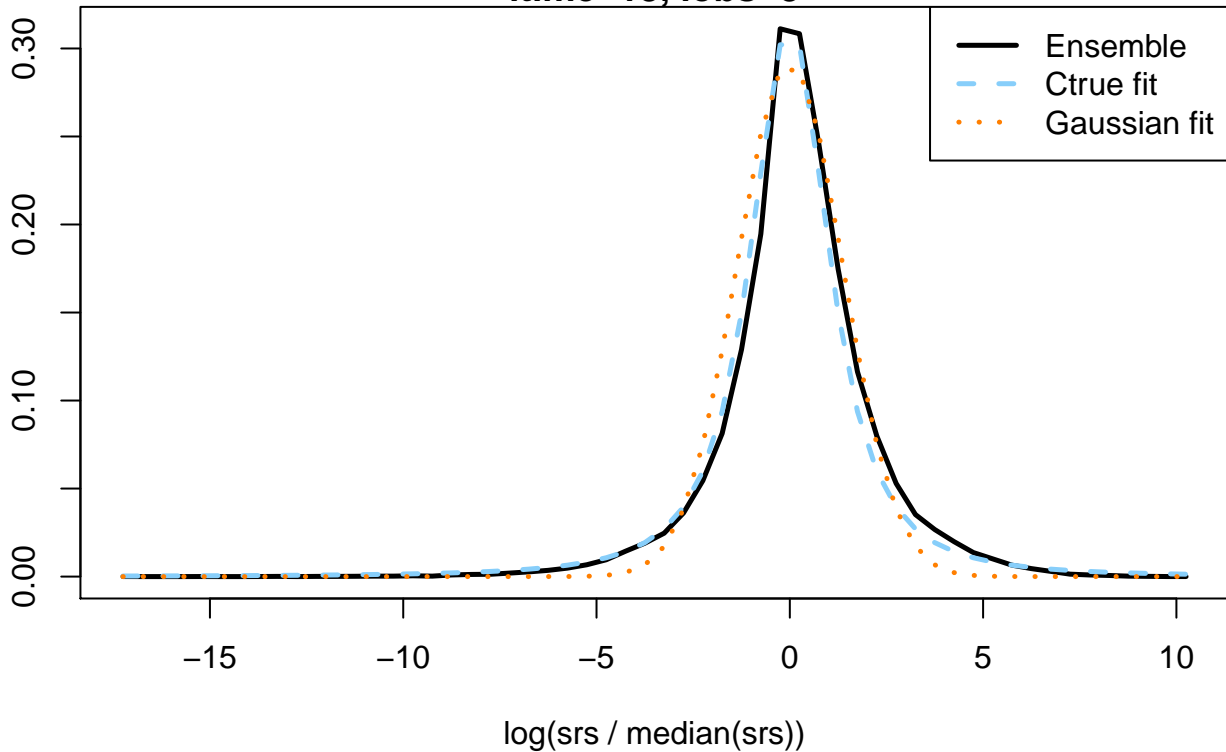
itime=18, iobs=7

density



itime=18, iobs=8

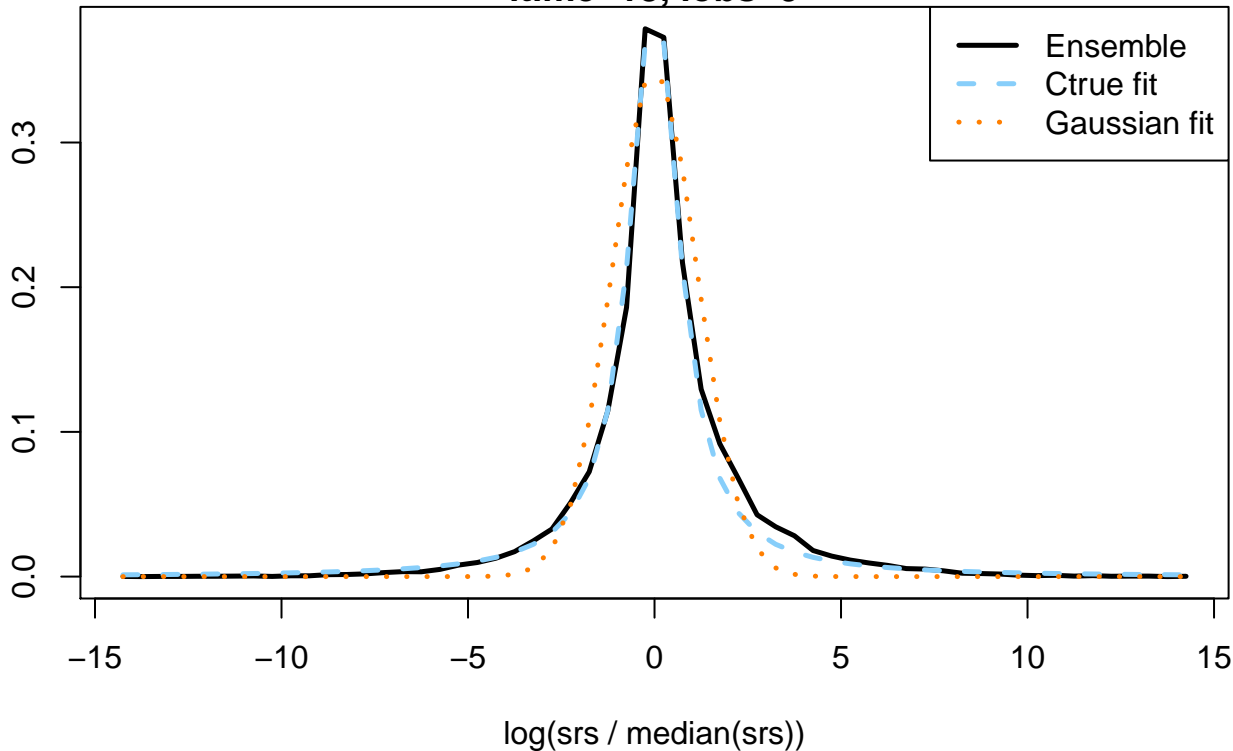
density



— Ensemble
- - Ctrue fit
... Gaussian fit

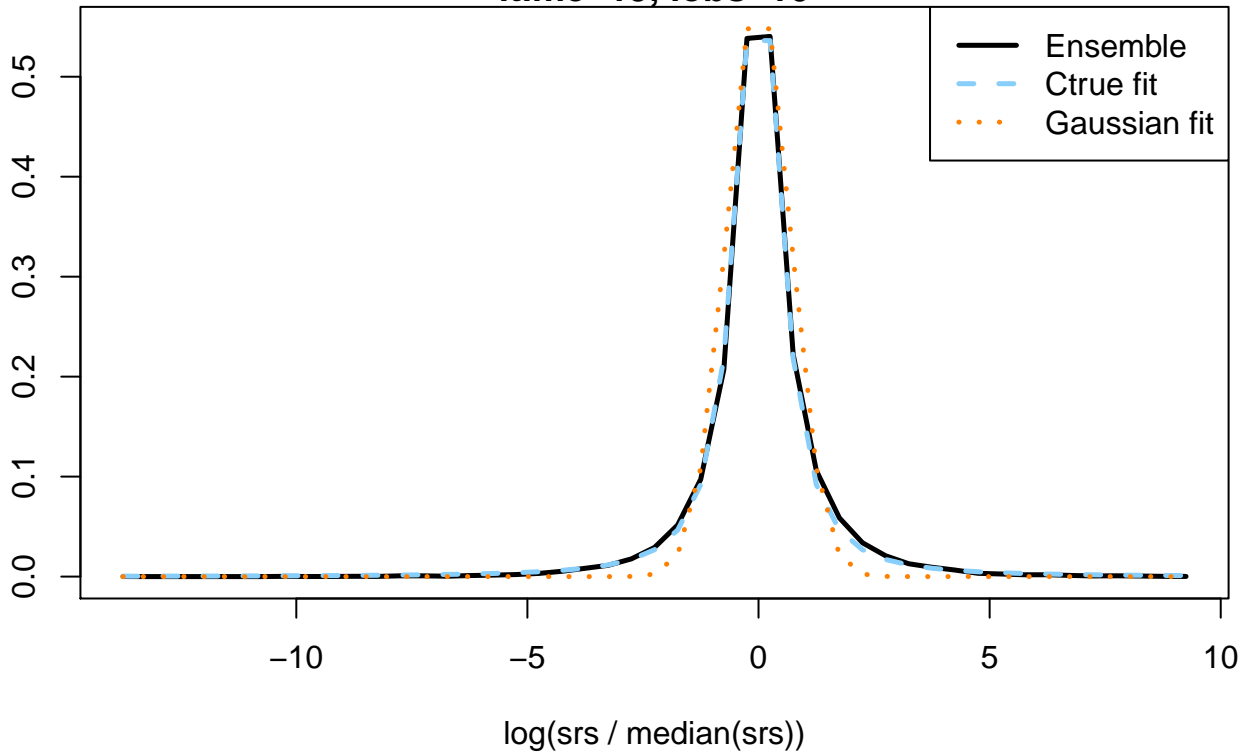
itime=18, iobs=9

density



itime=19, iobs=10

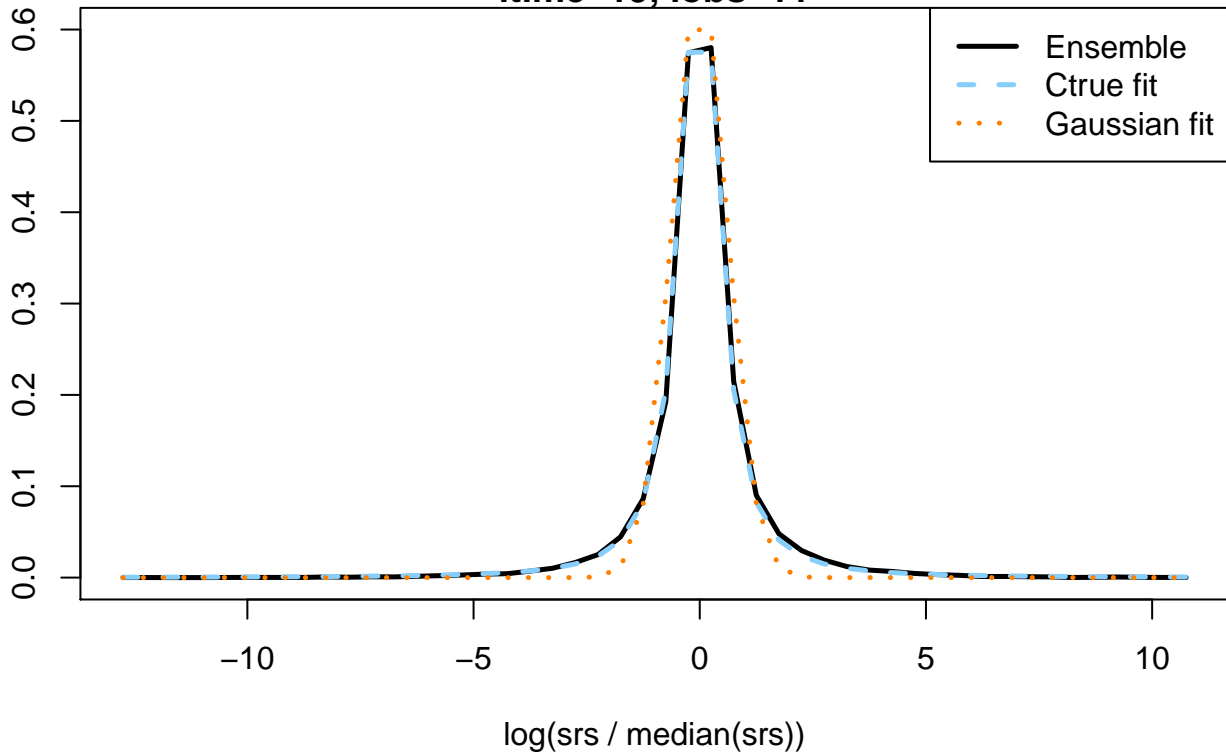
density



— Ensemble
- - Ctrue fit
... Gaussian fit

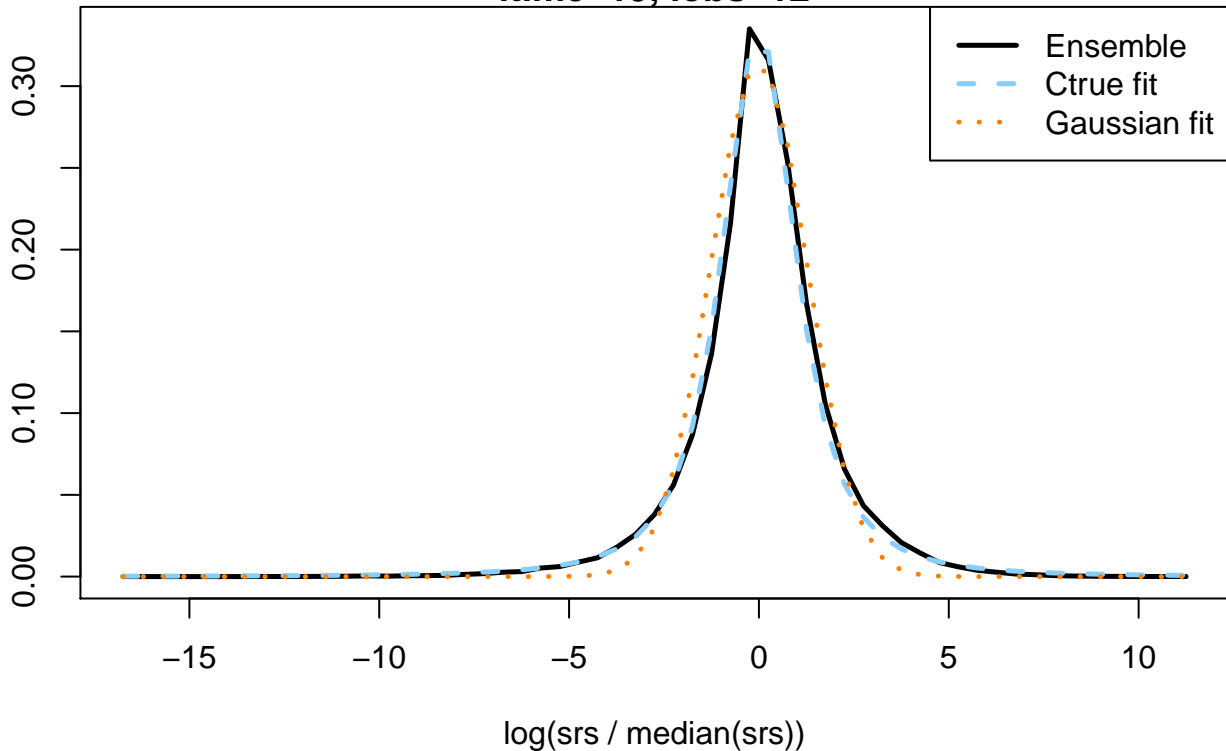
itime=19, iobs=11

density



itime=19, iobs=12

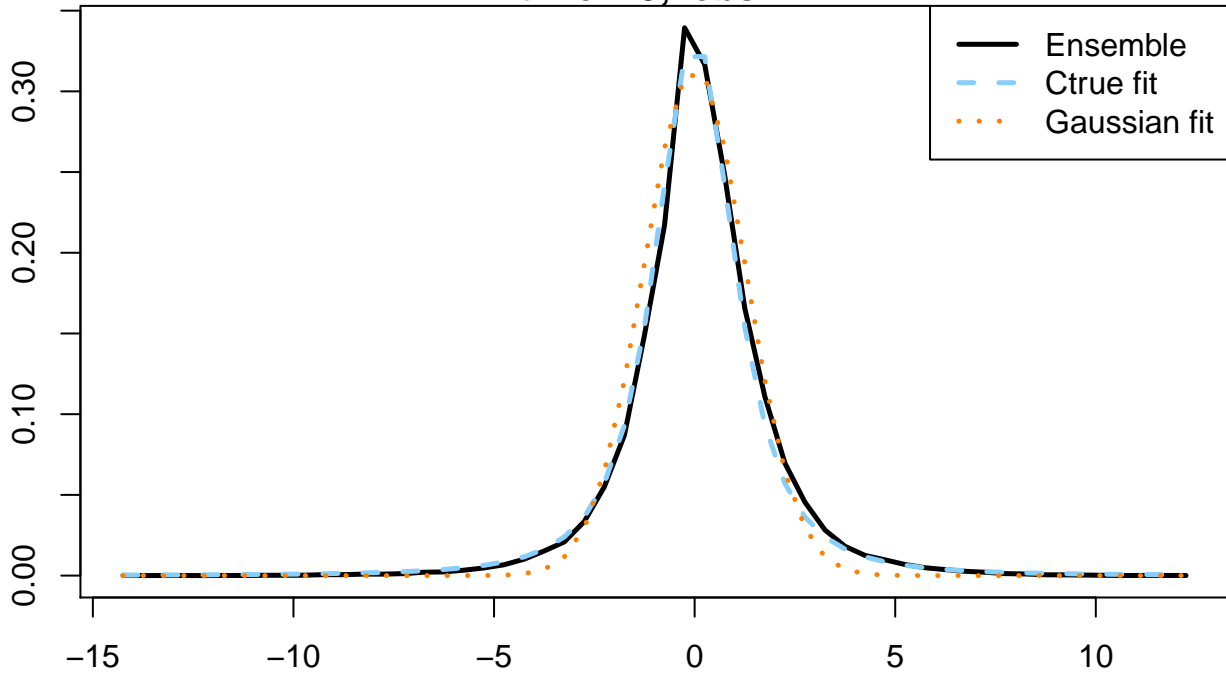
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=19, iobs=1

density

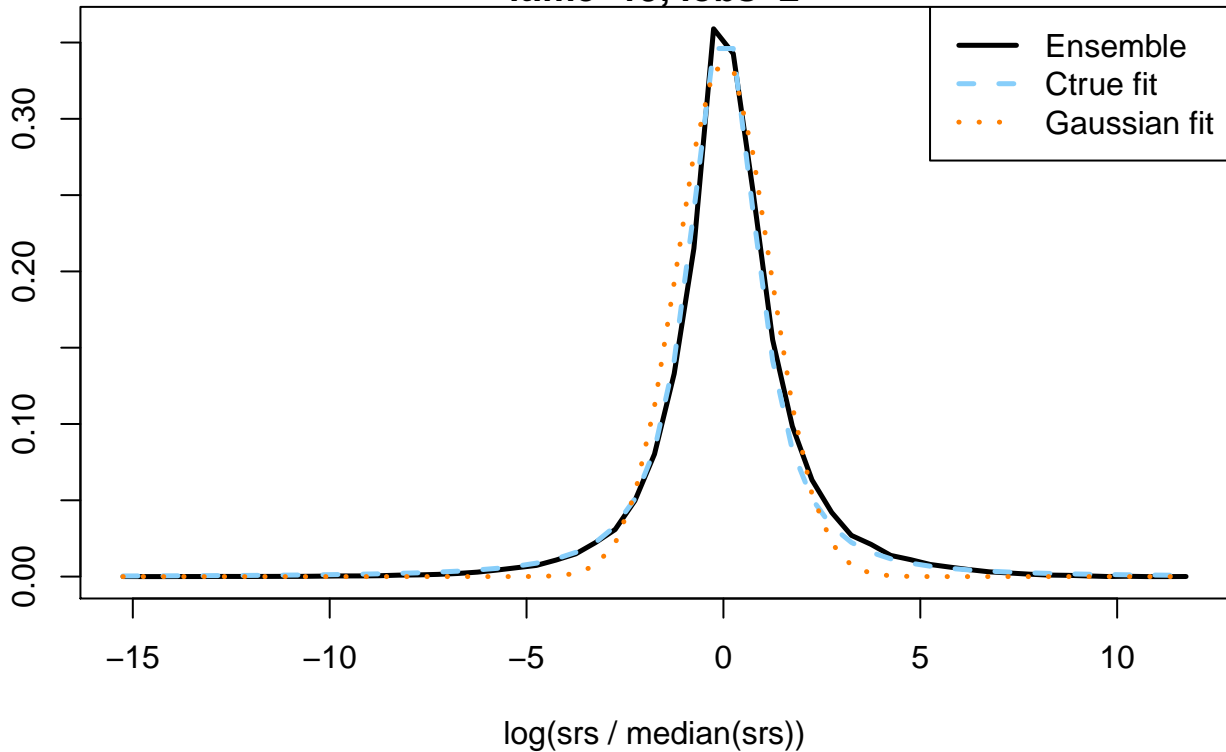


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

itime=19, iobs=2

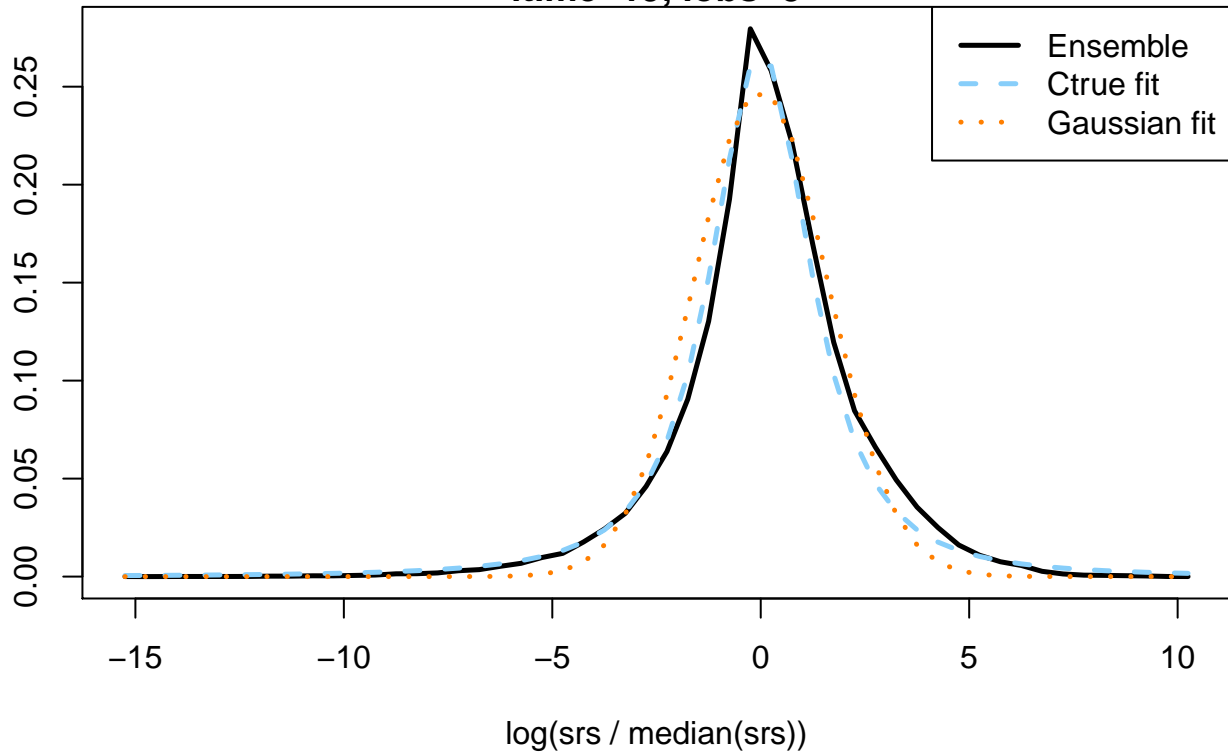
density



— Ensemble
- - Ctrue fit
... Gaussian fit

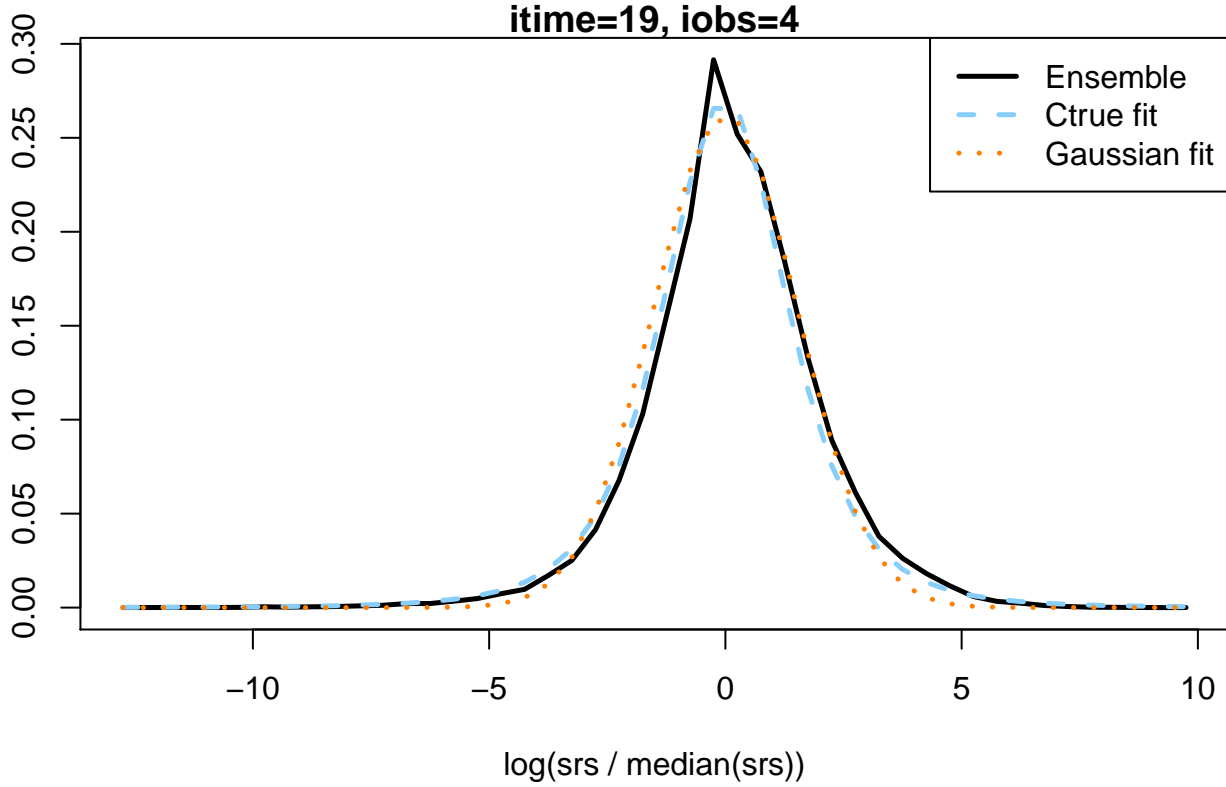
itime=19, iobs=3

density



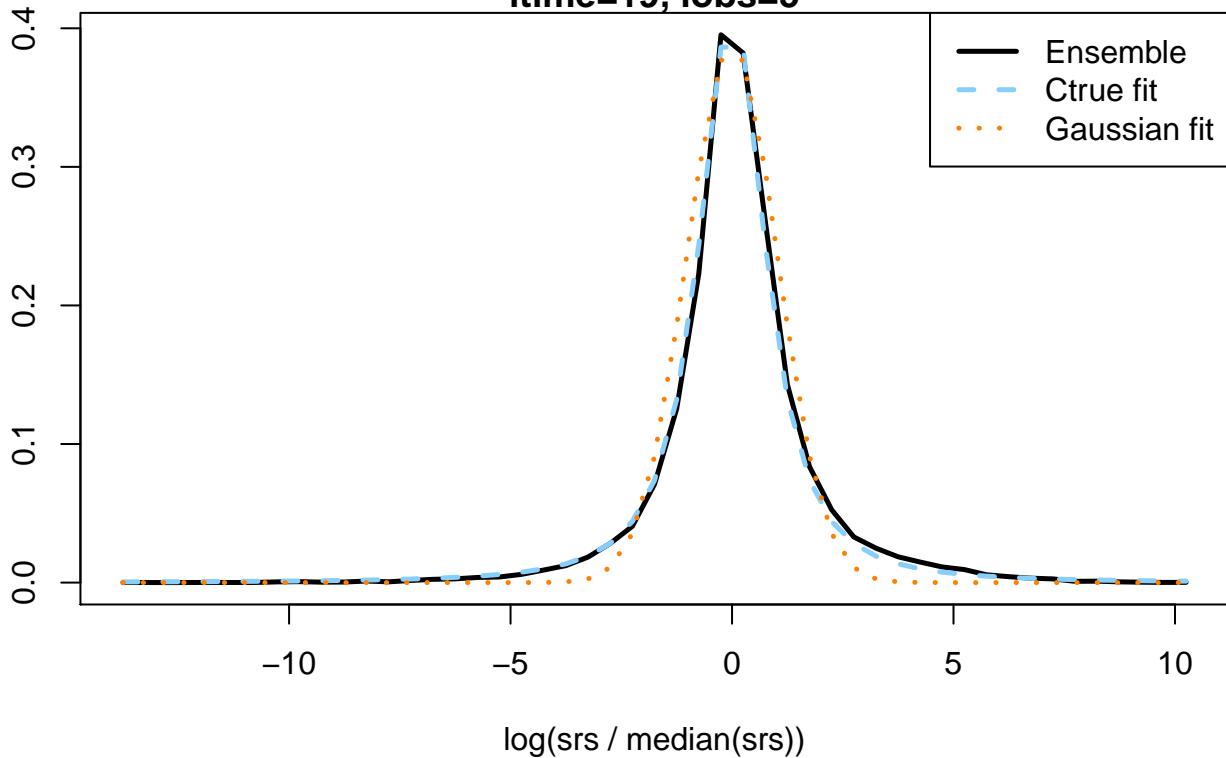
itime=19, iobs=4

density



itime=19, iobs=5

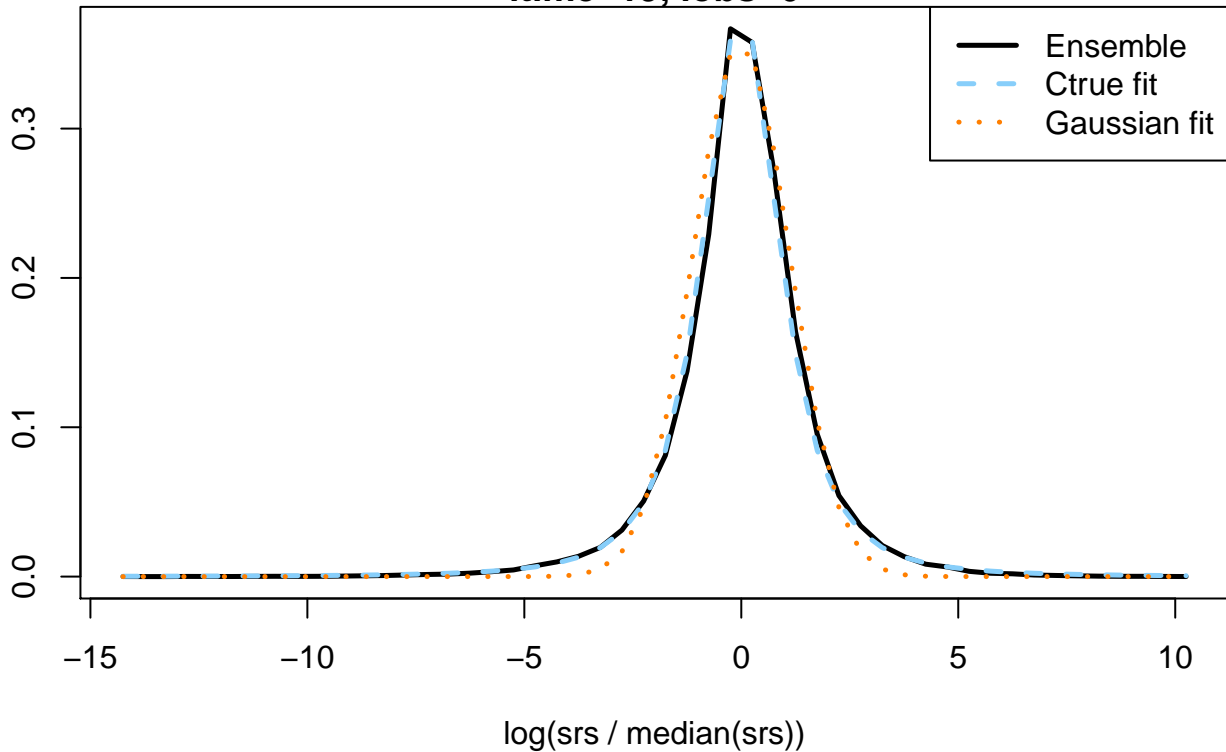
density



— Ensemble
- - Ctrue fit
... Gaussian fit

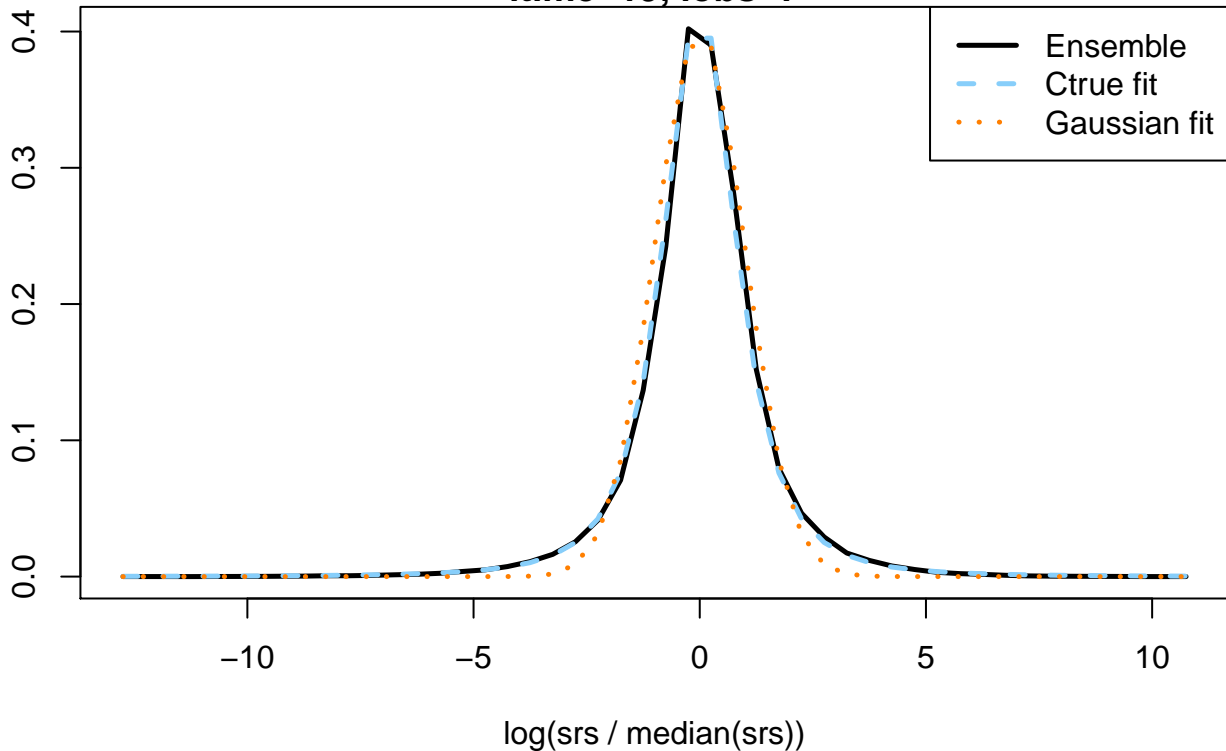
itime=19, iobs=6

density



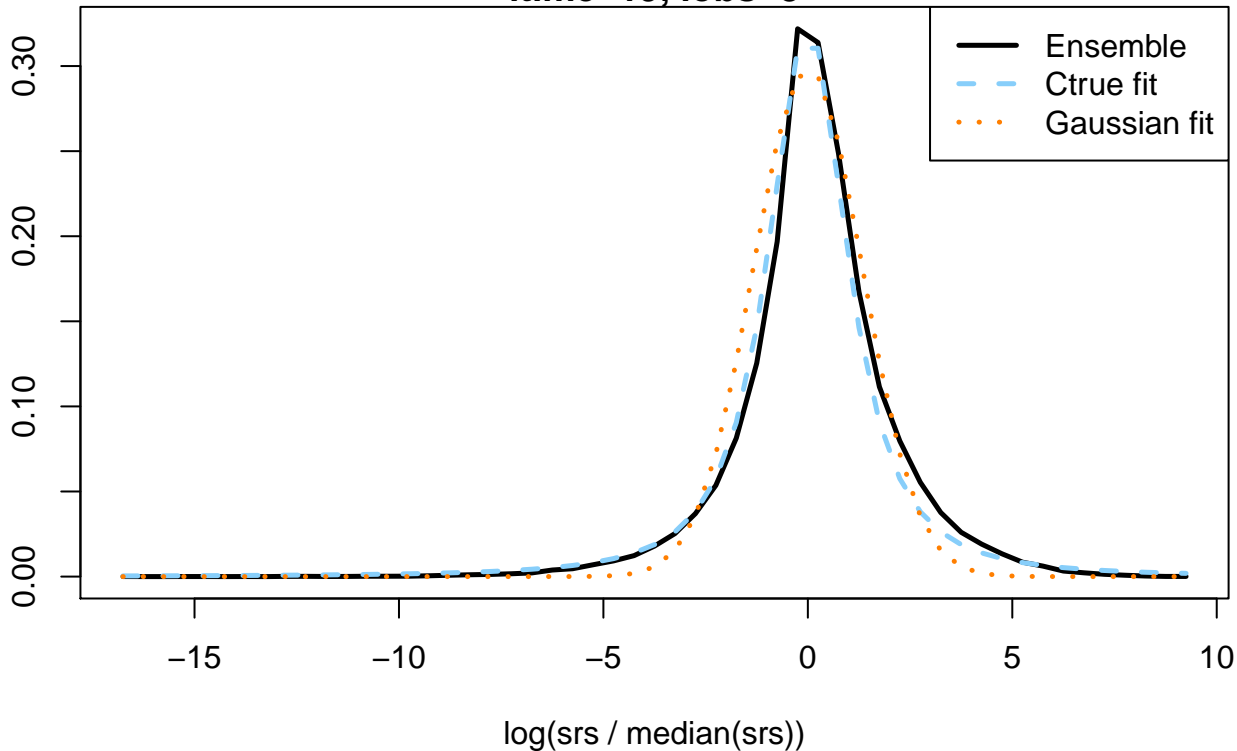
itime=19, iobs=7

density



itime=19, iobs=8

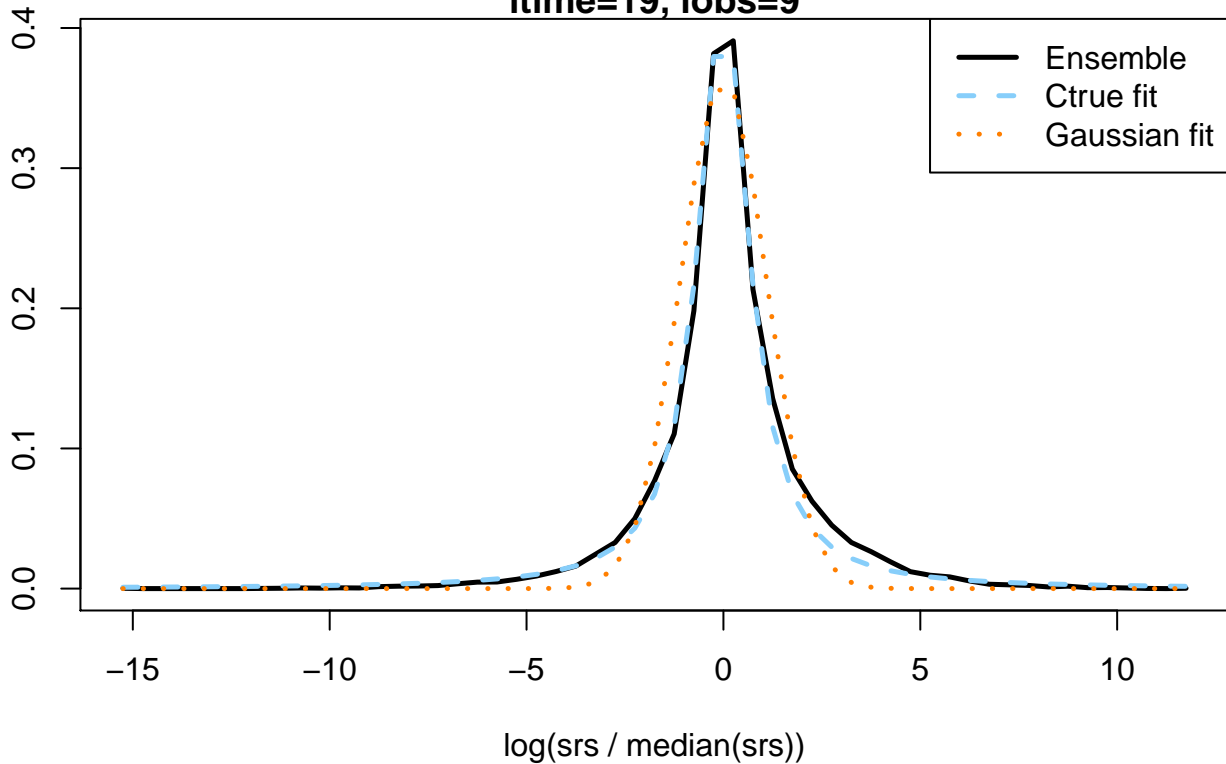
density



— Ensemble
- - Ctrue fit
... Gaussian fit

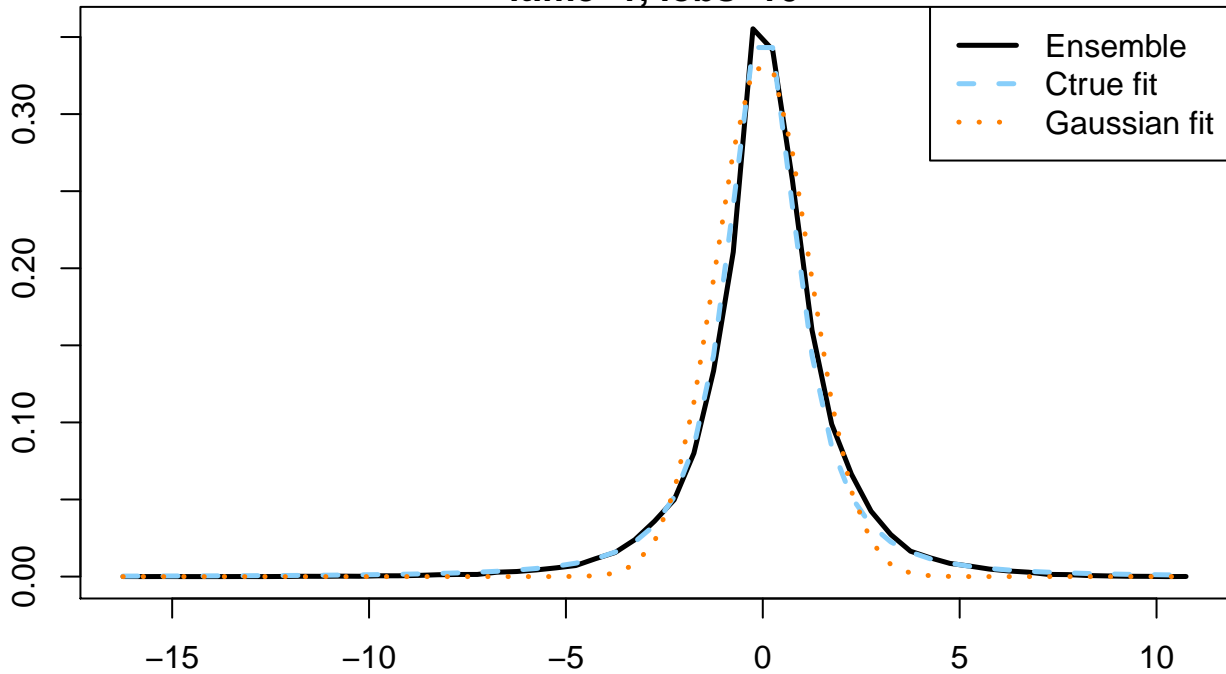
itime=19, iobs=9

density



itime=1, iobs=10

density

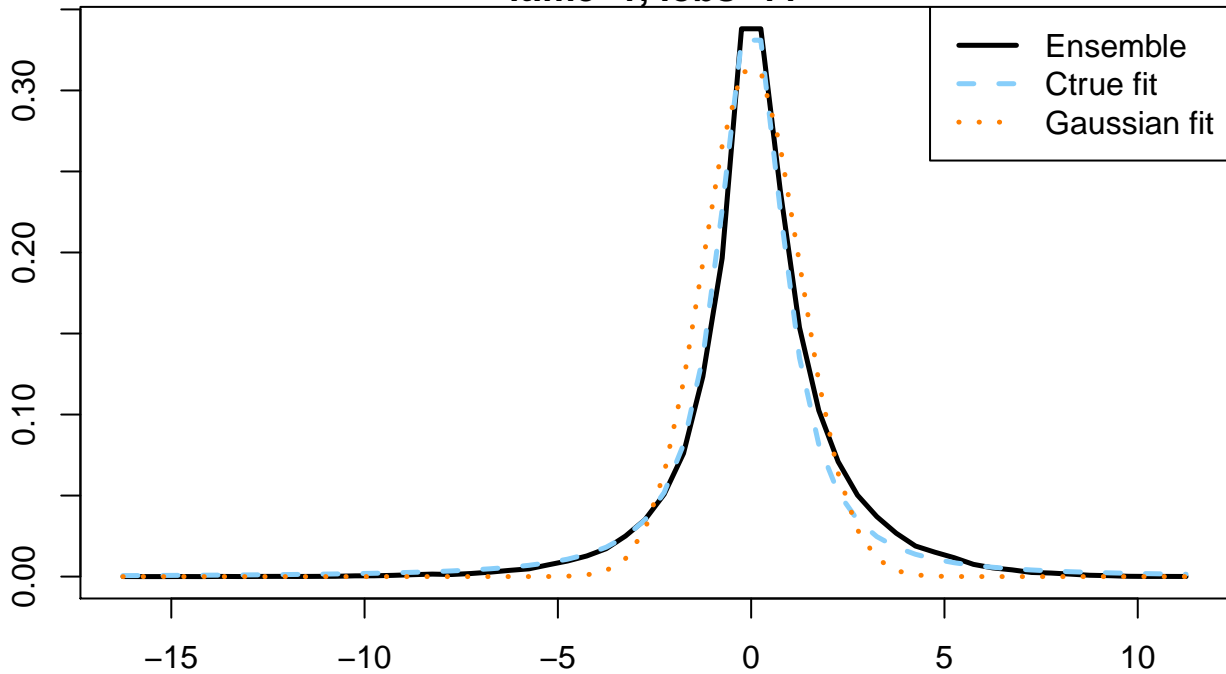


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

itime=1, iobs=11

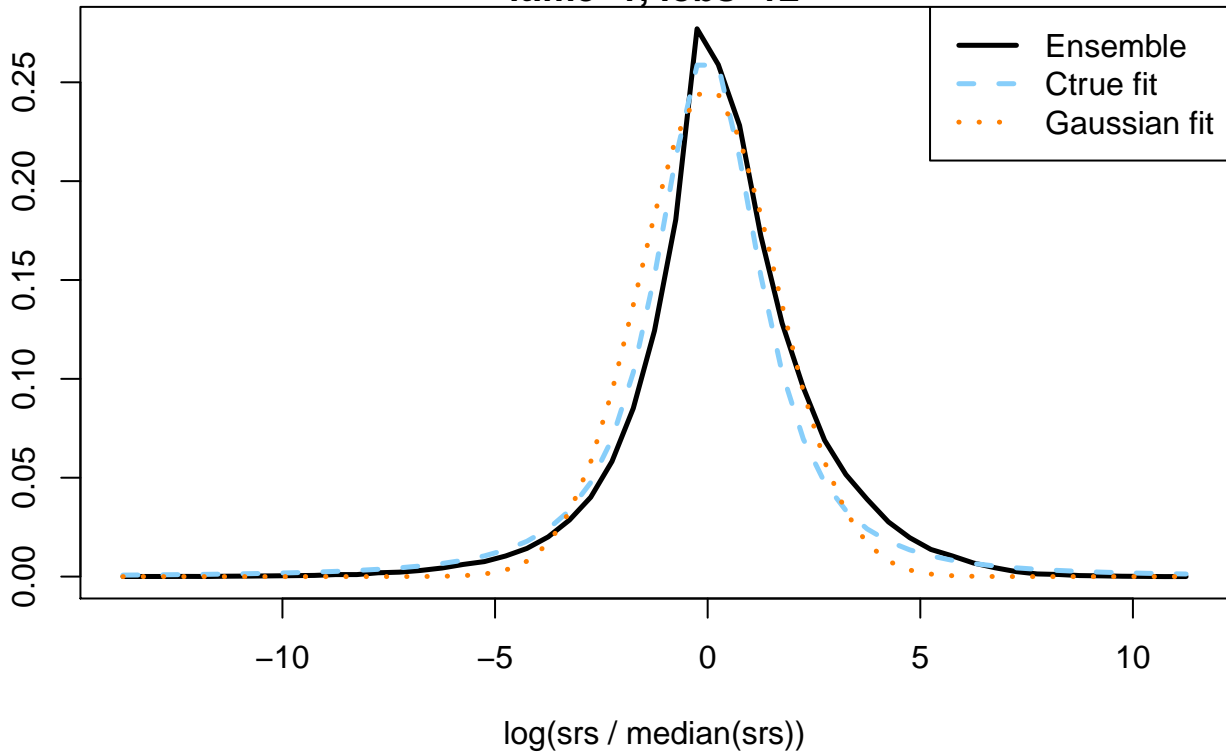
density



log(srs / median(srs))

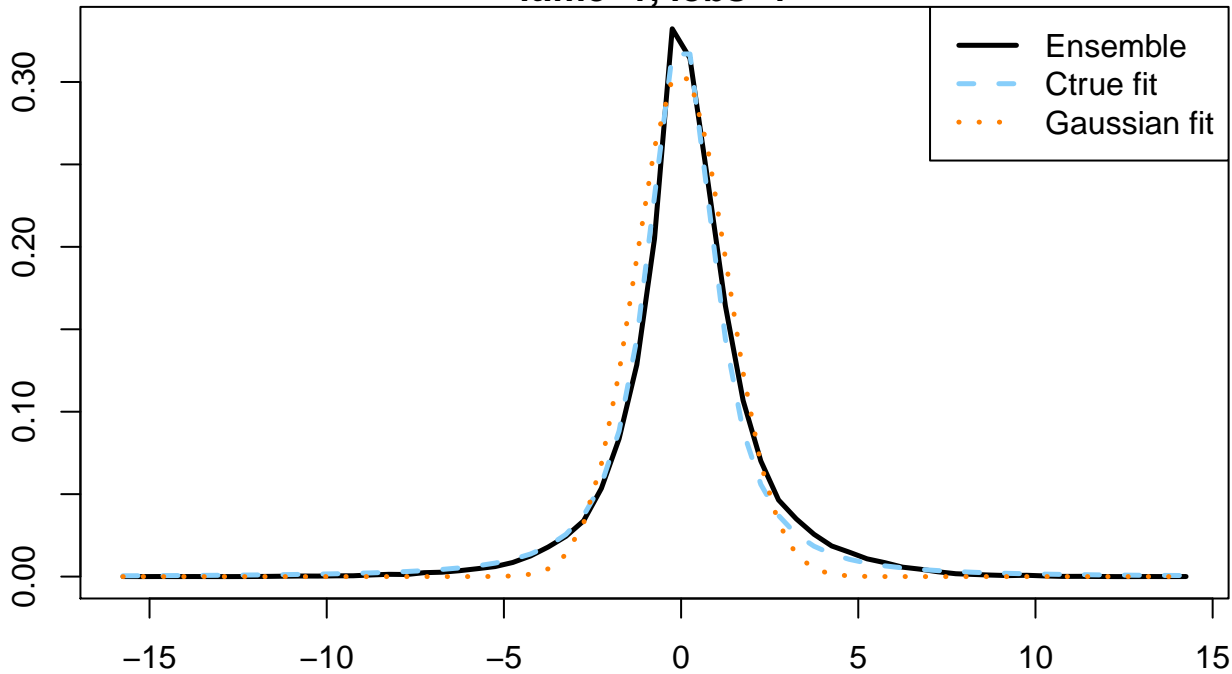
itime=1, iobs=12

density



itime=1, iobs=1

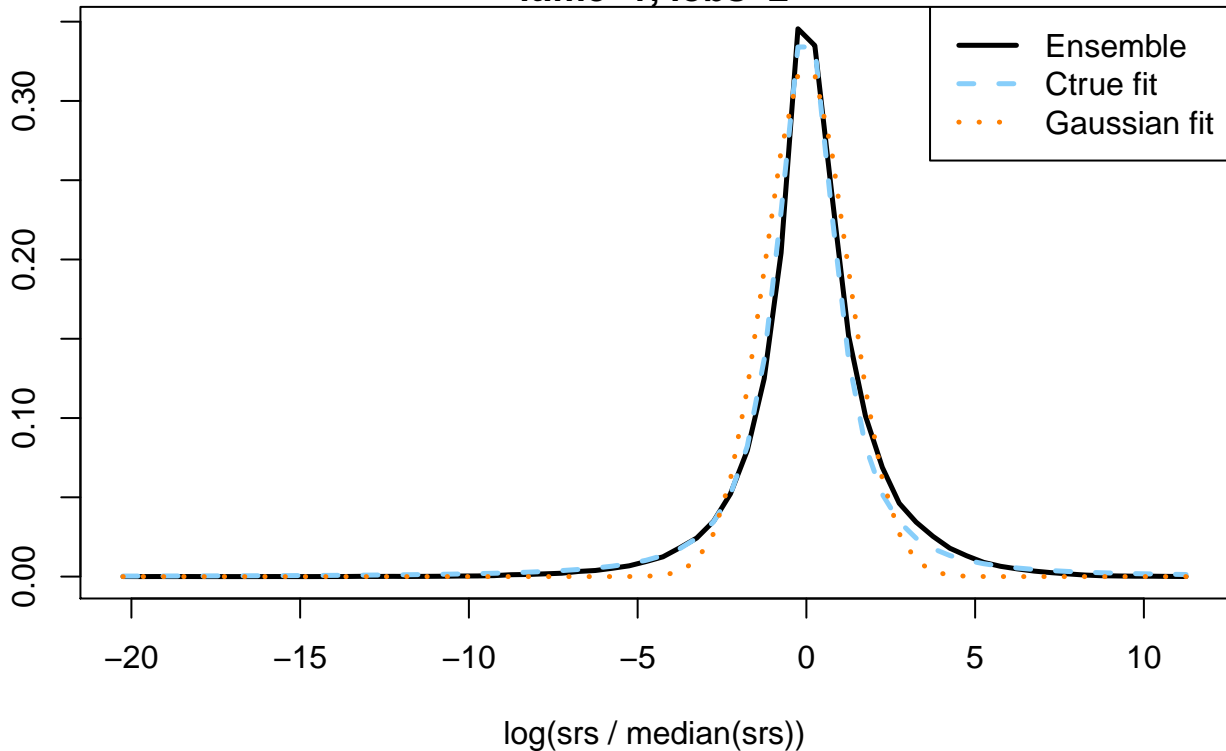
density



log(srs / median(srs))

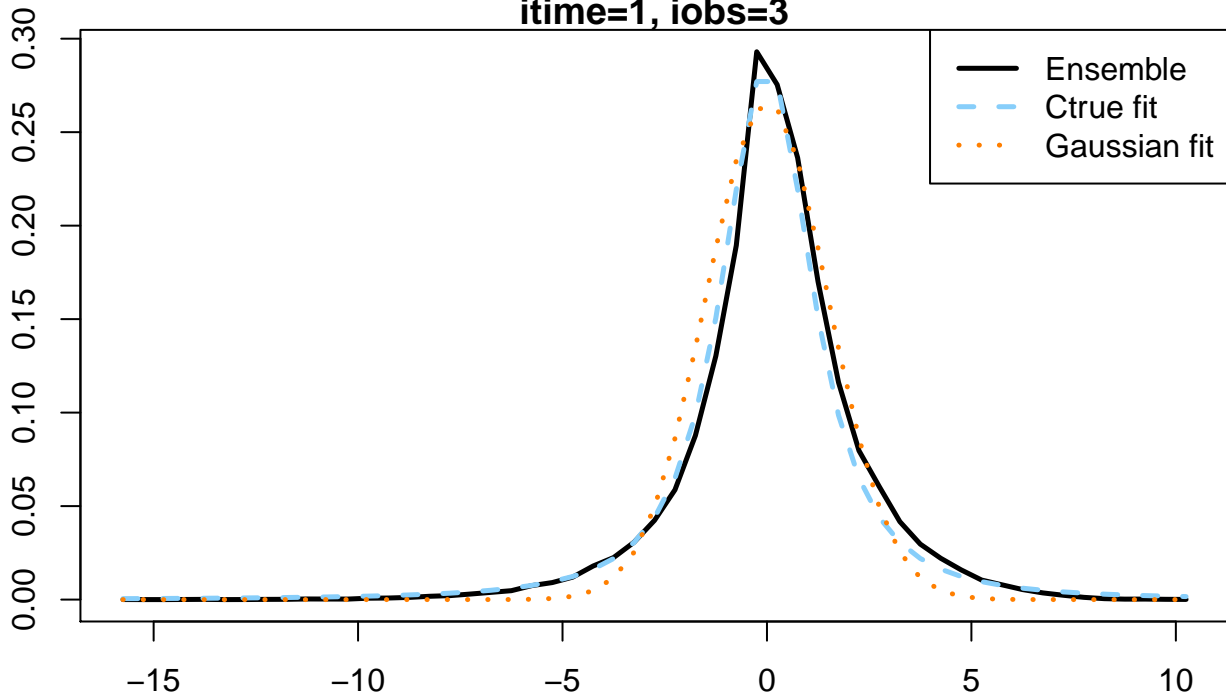
itime=1, iobs=2

density



itime=1, iobs=3

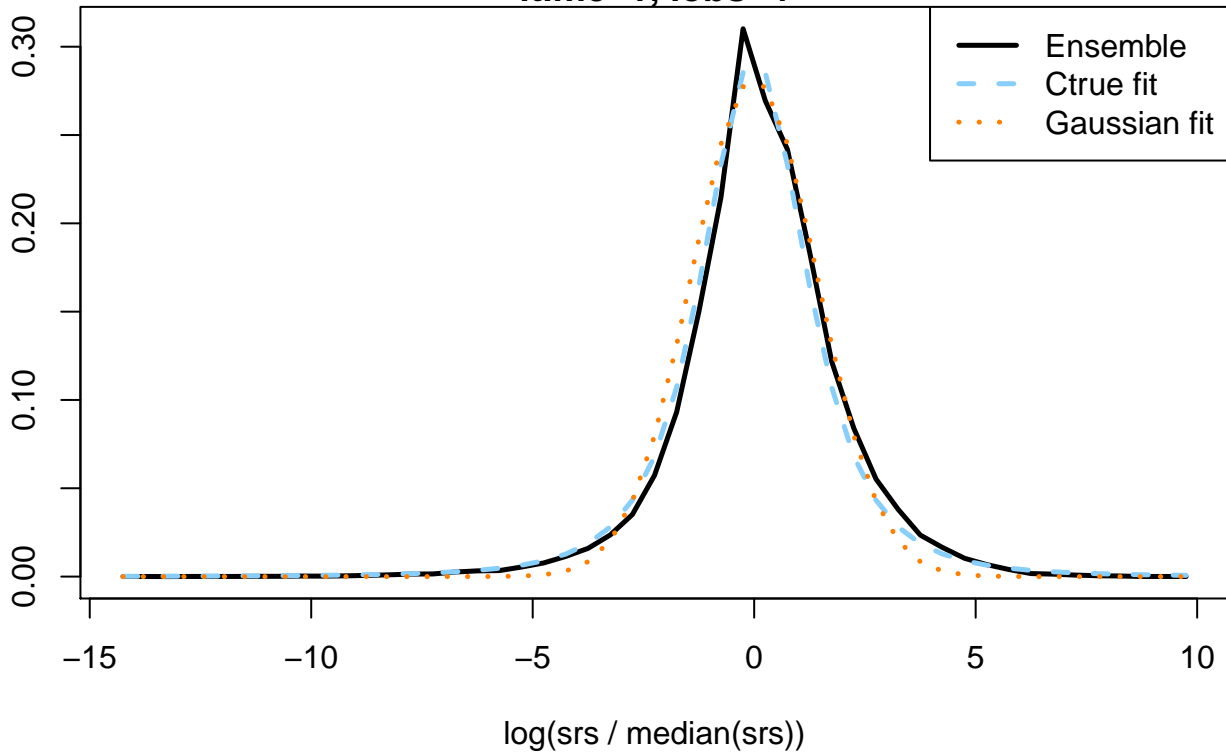
density



log(srs / median(srs))

itime=1, iobs=4

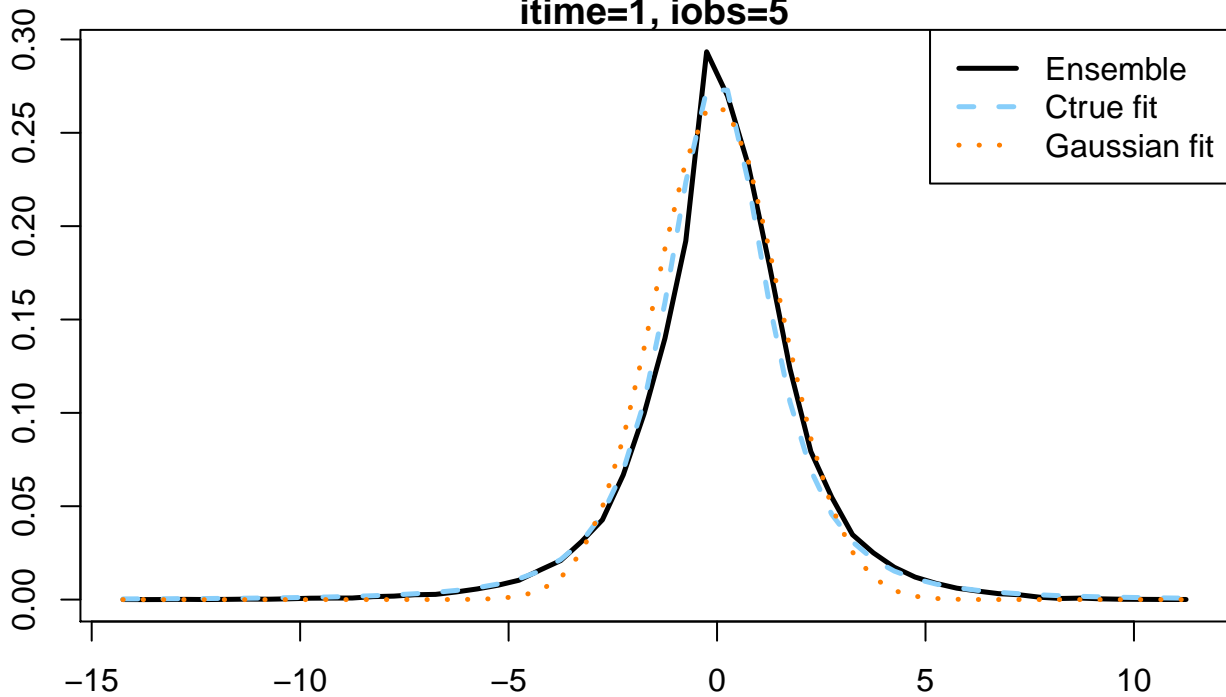
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=1, iobs=5

density

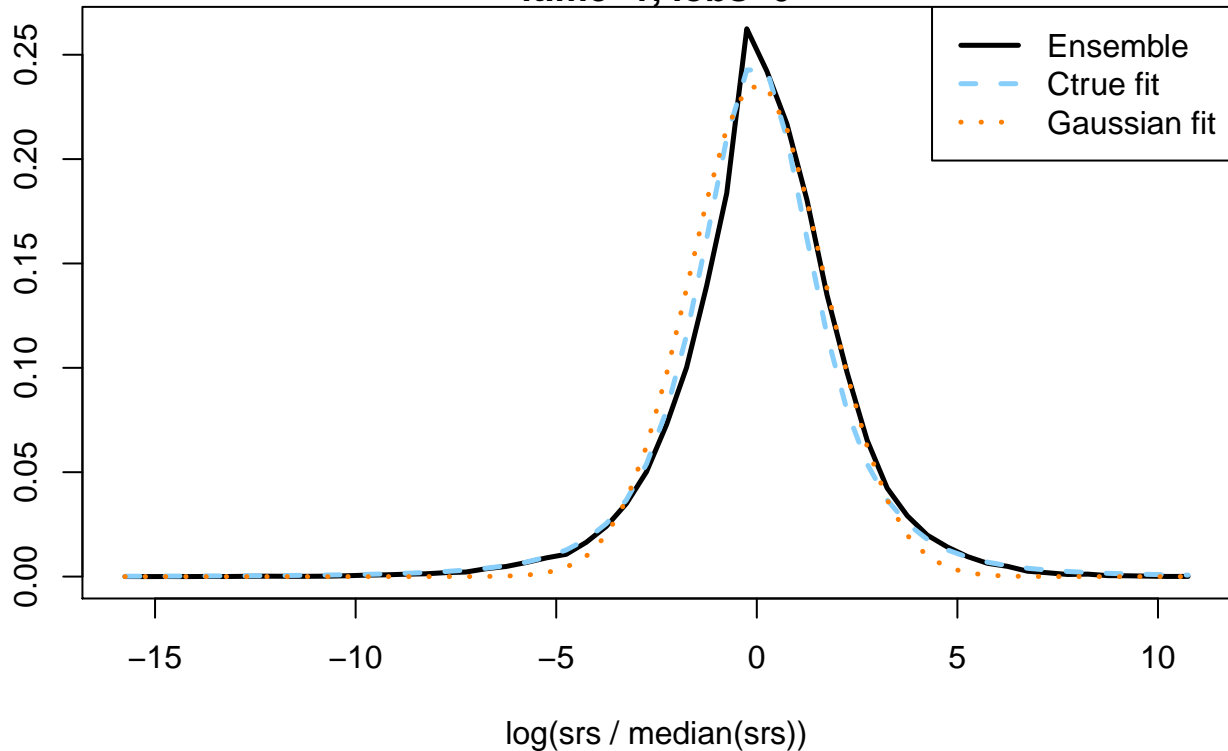


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

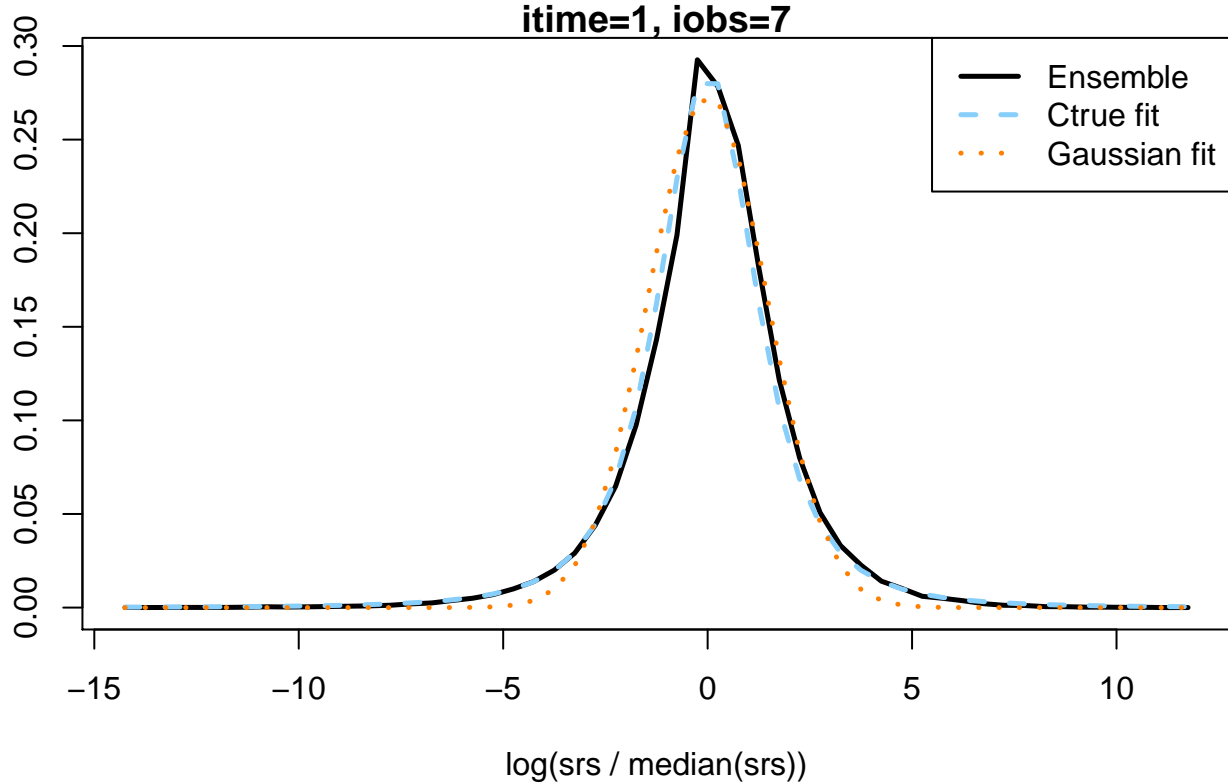
itime=1, iobs=6

density



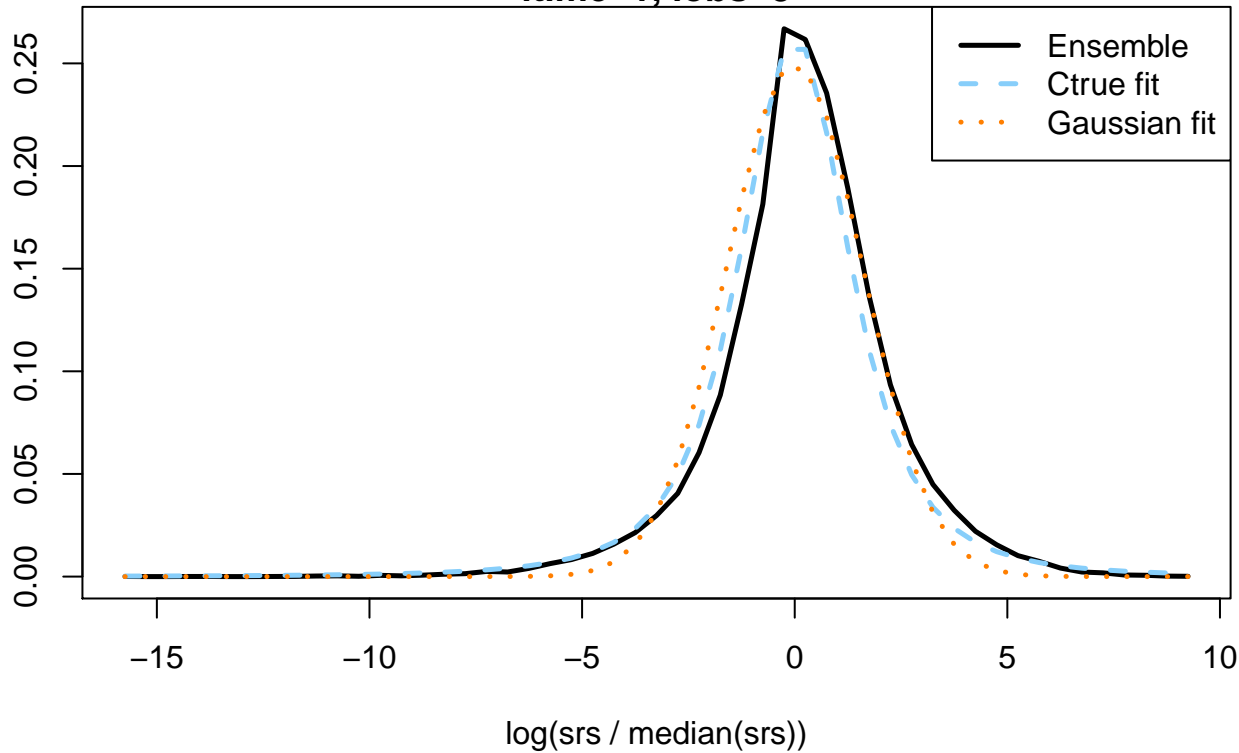
itime=1, iobs=7

density



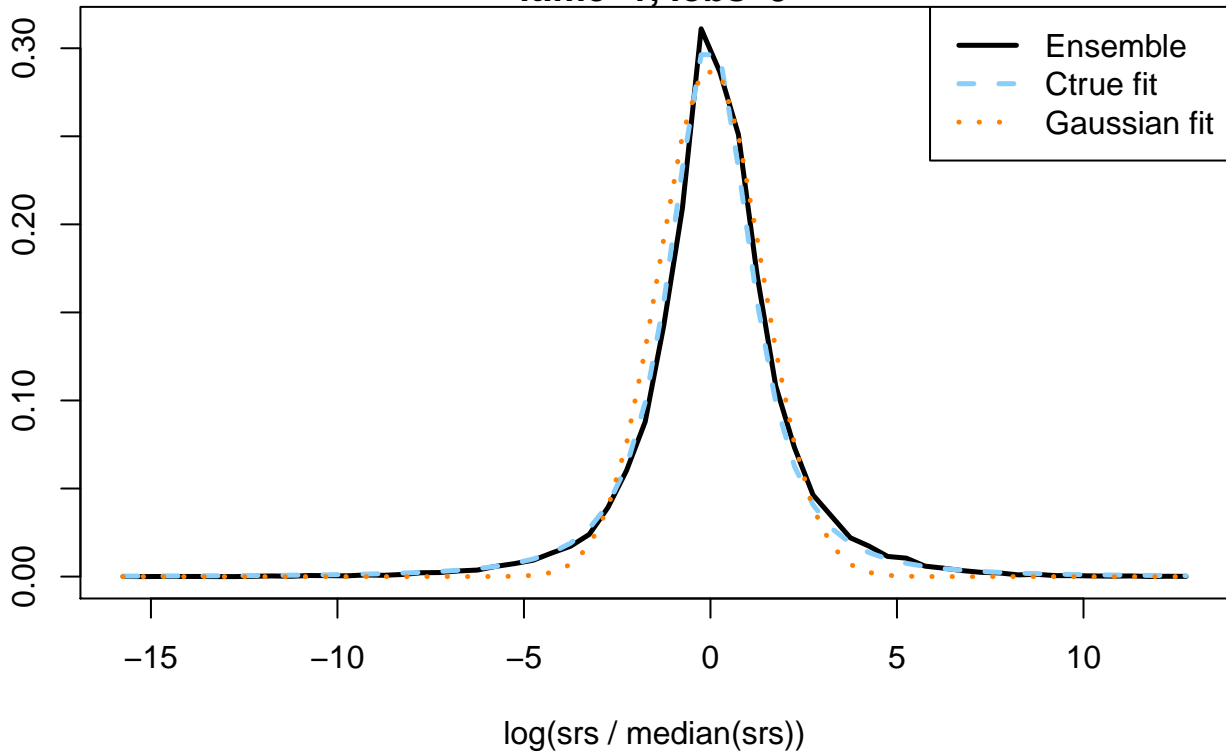
itime=1, iobs=8

density



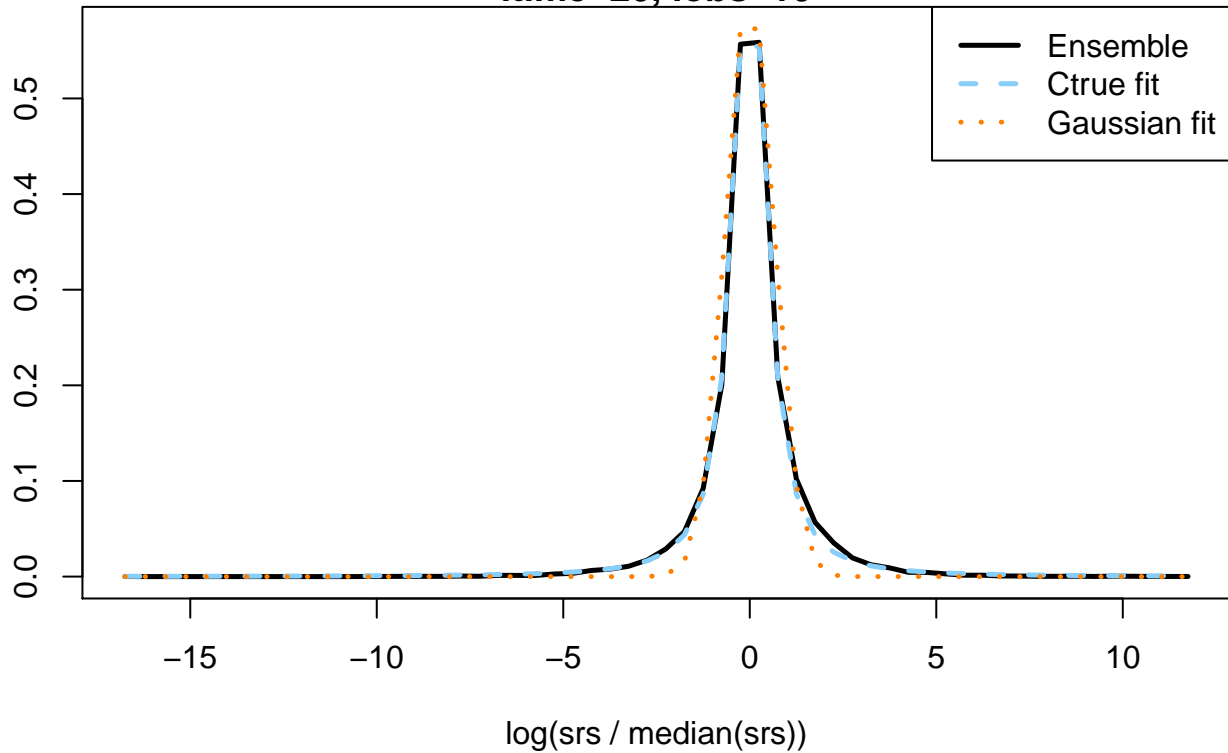
itime=1, iobs=9

density



itime=20, iobs=10

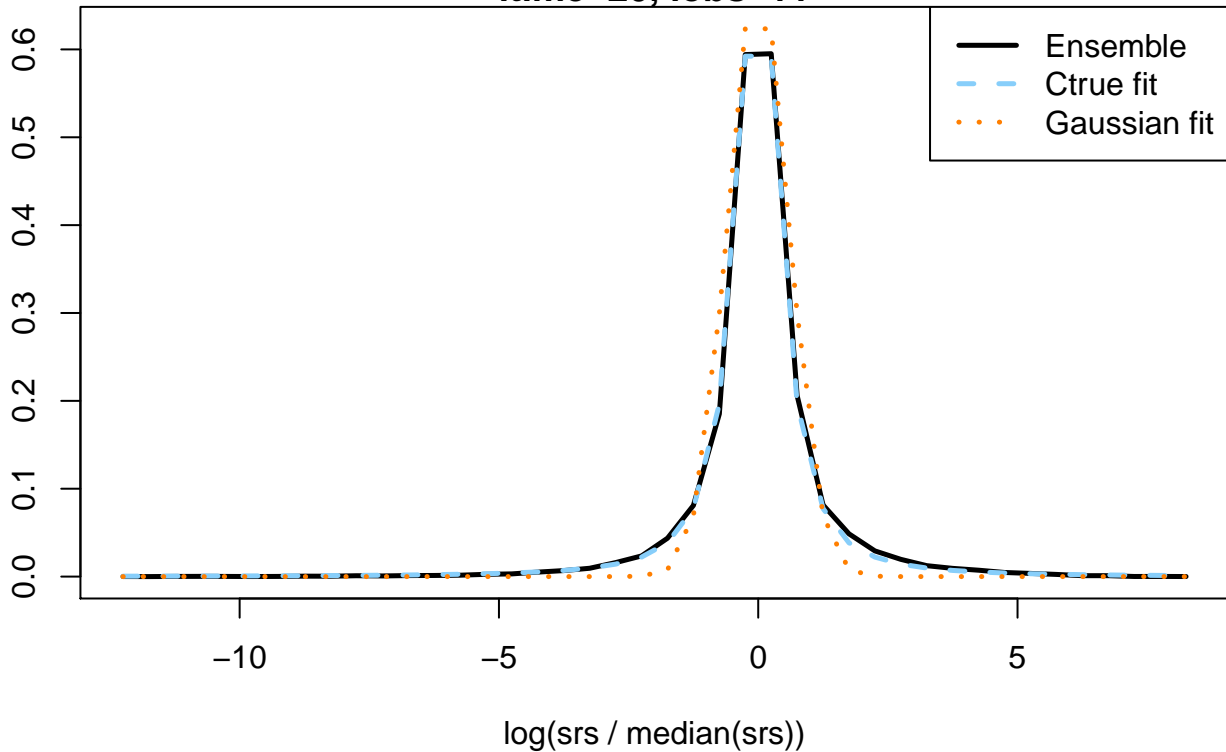
density



— Ensemble
- - Ctrue fit
... Gaussian fit

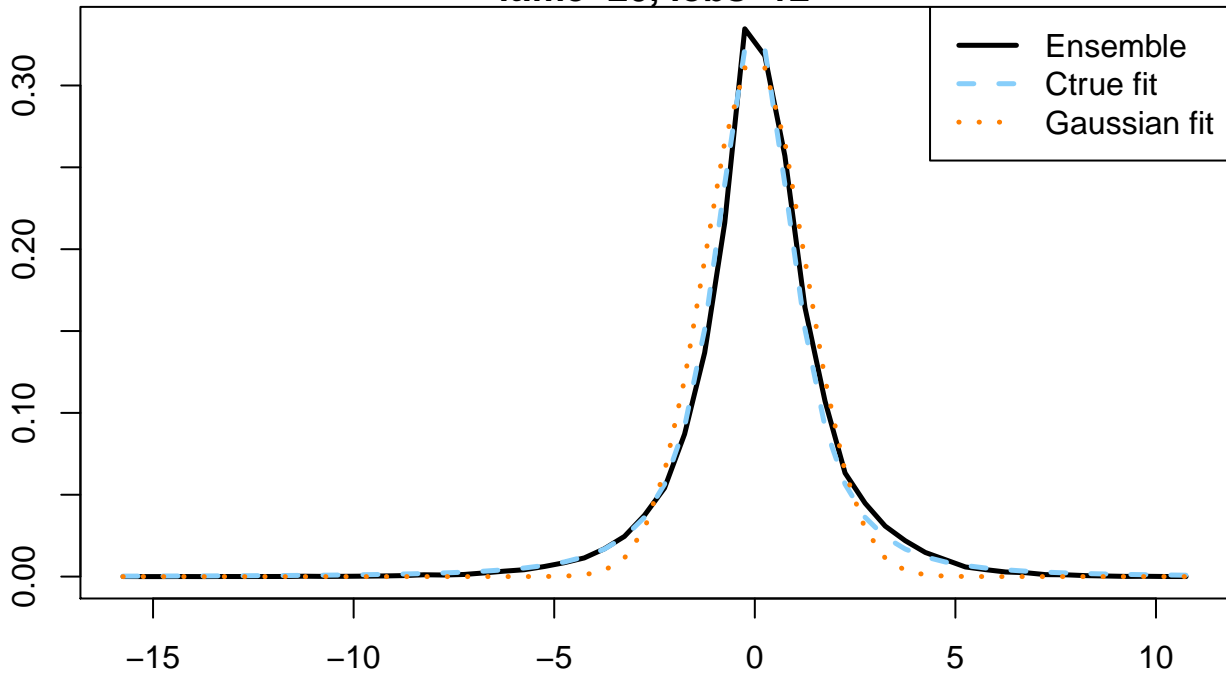
itime=20, iobs=11

density



itime=20, iobs=12

density

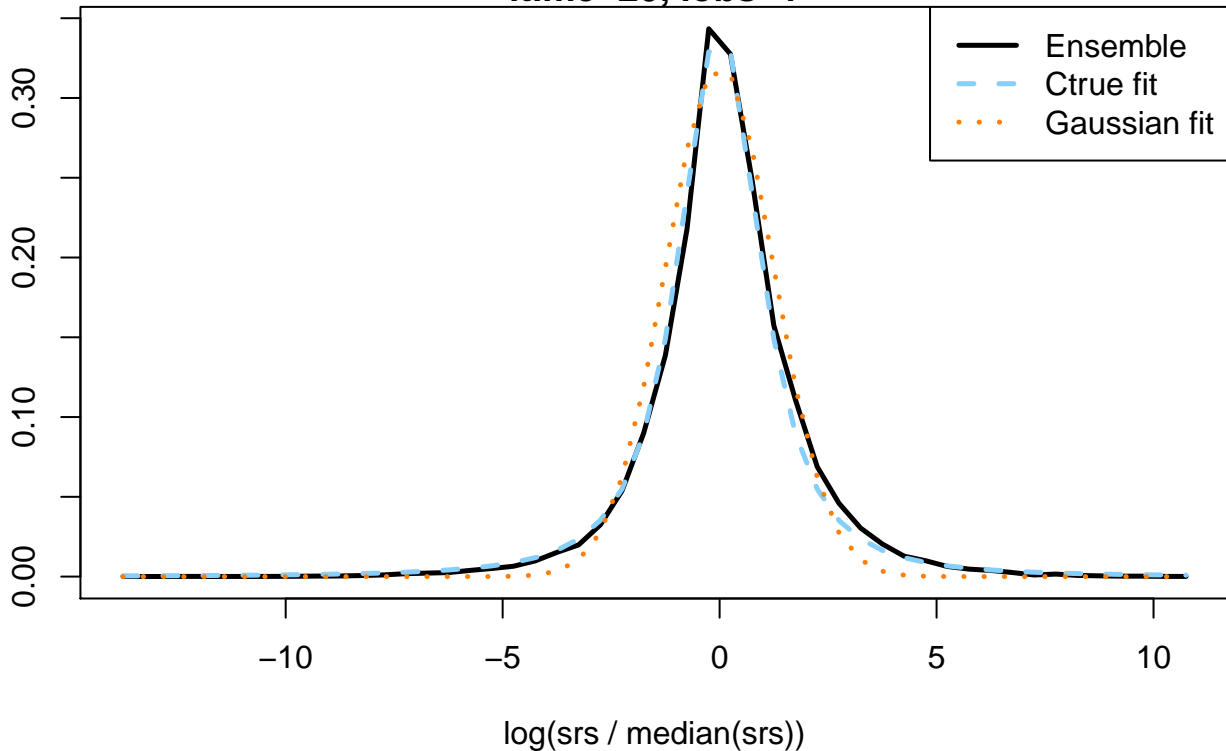


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

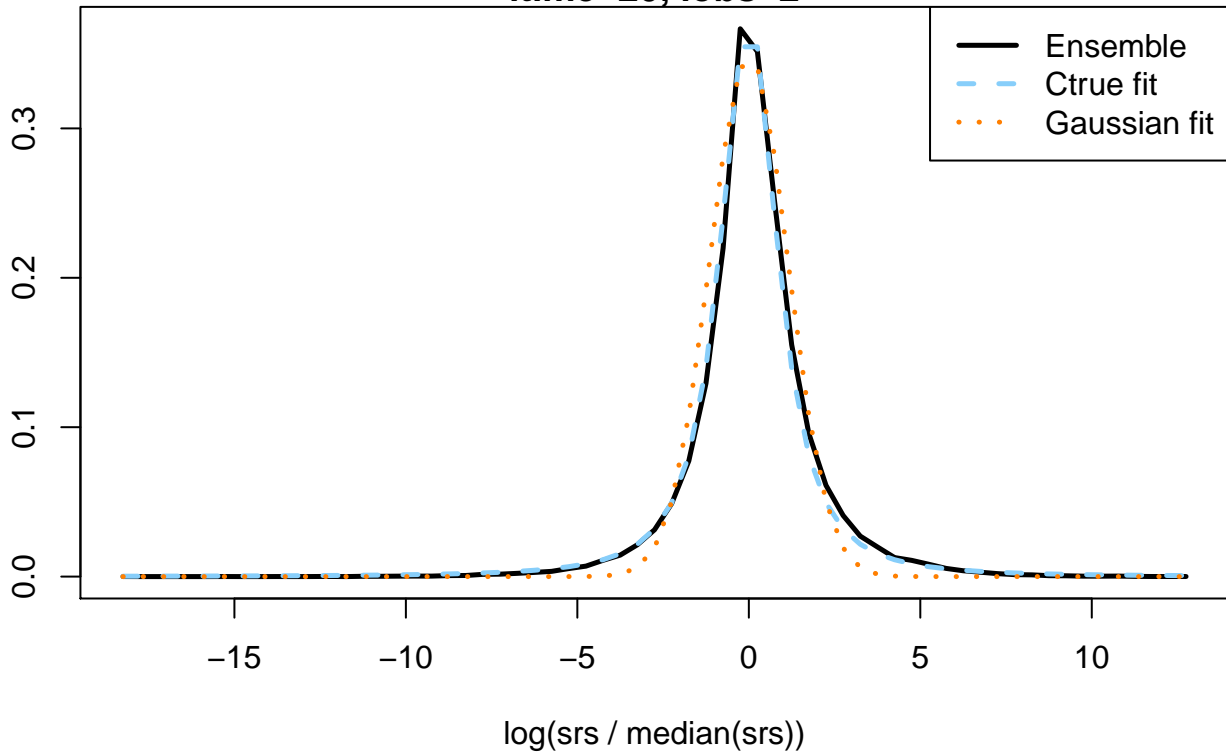
itime=20, iobs=1

density



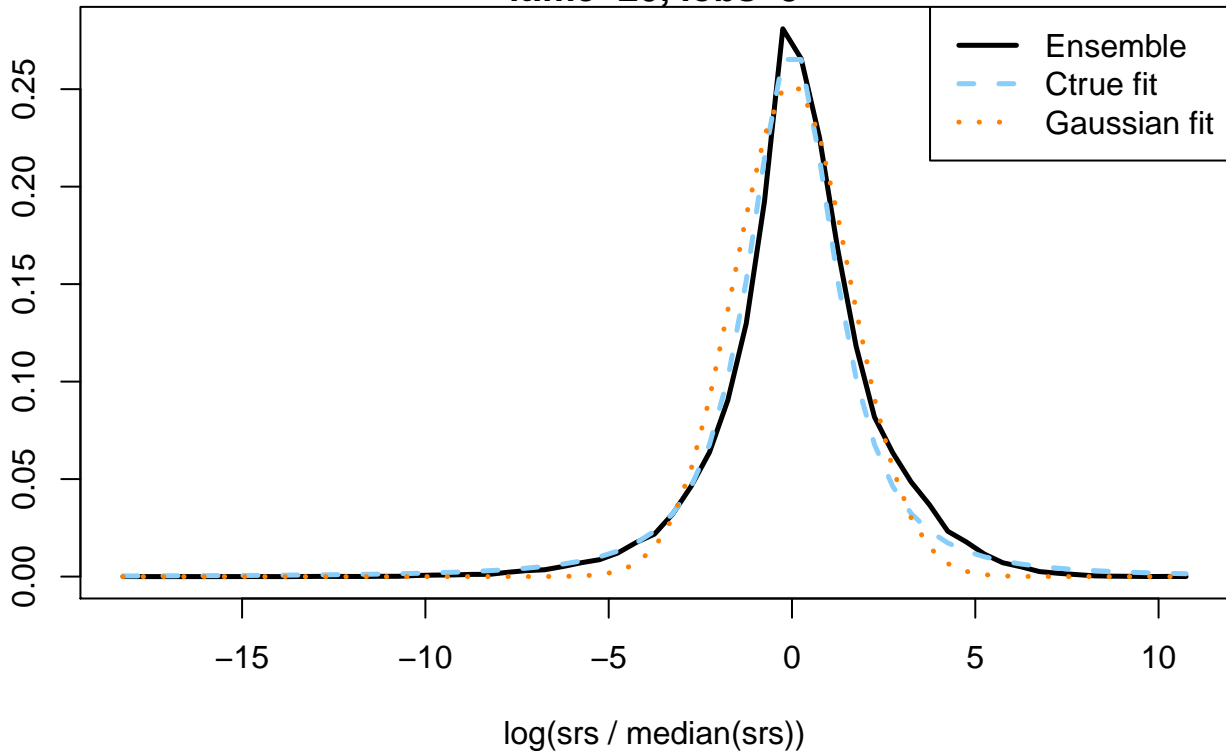
itime=20, iobs=2

density



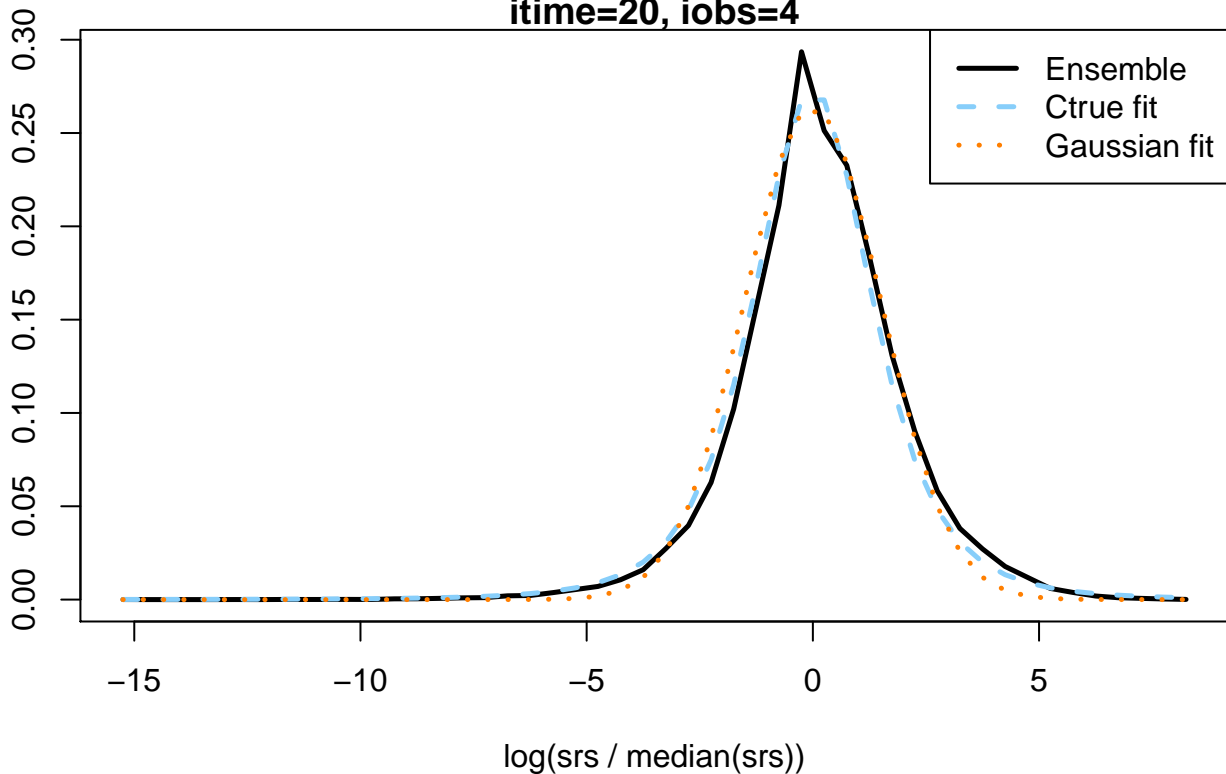
itime=20, iobs=3

density



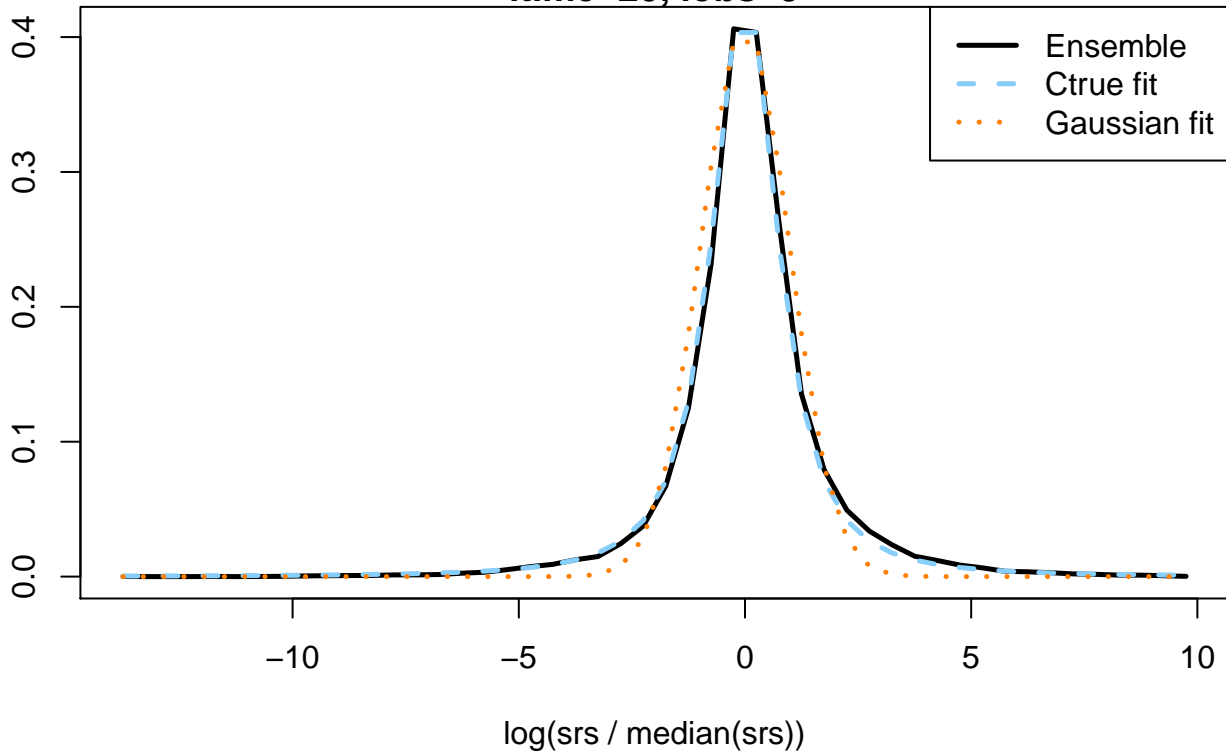
itime=20, iobs=4

density



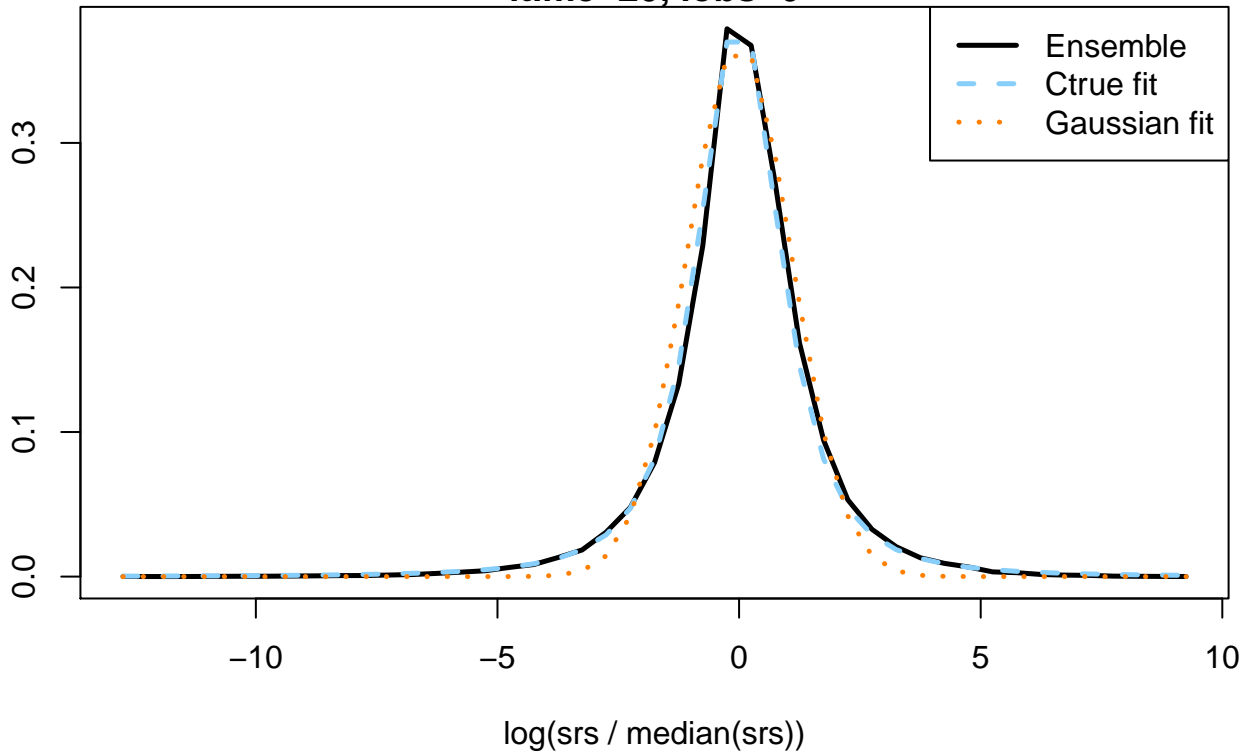
itime=20, iobs=5

density



itime=20, iobs=6

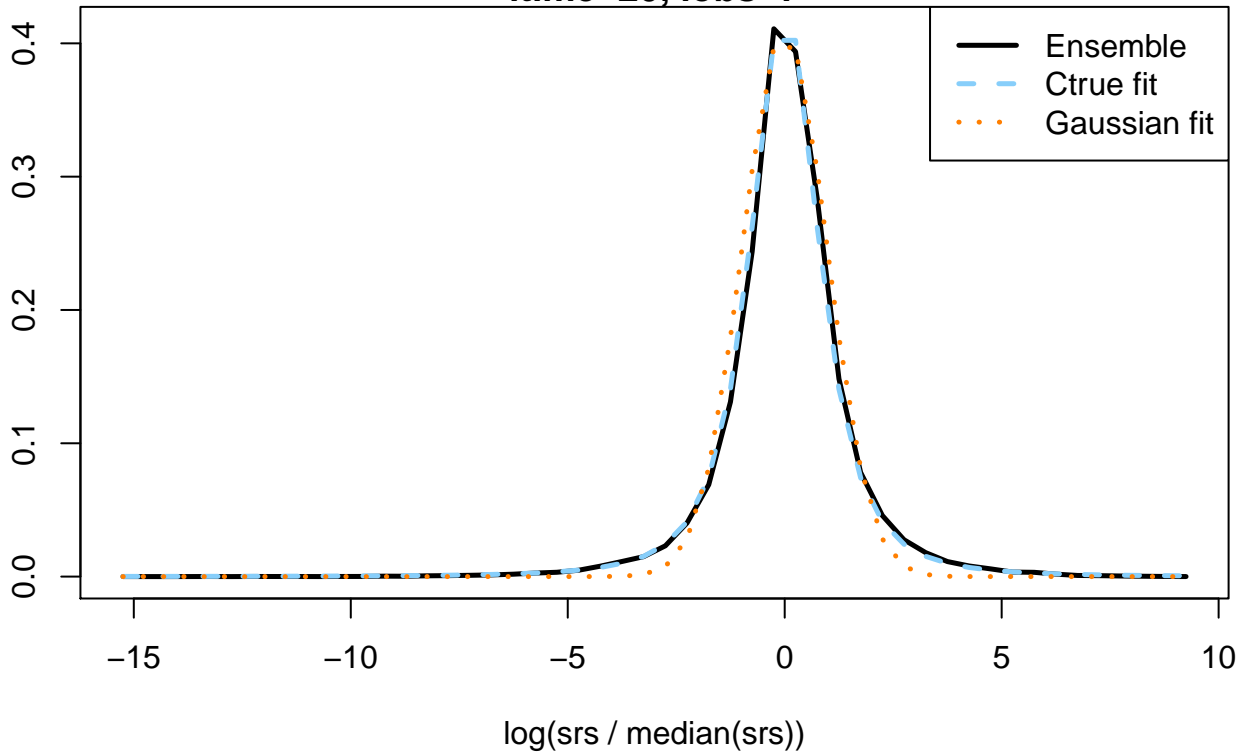
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=20, iobs=7

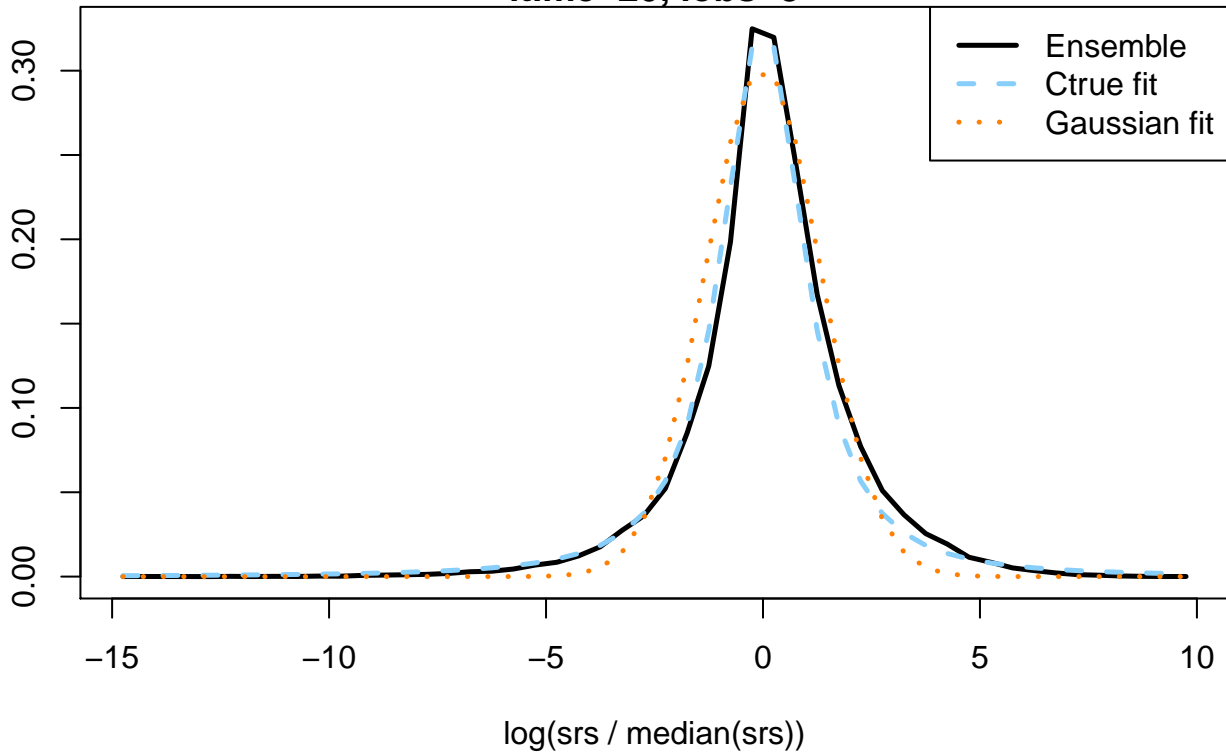
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=20, iobs=8

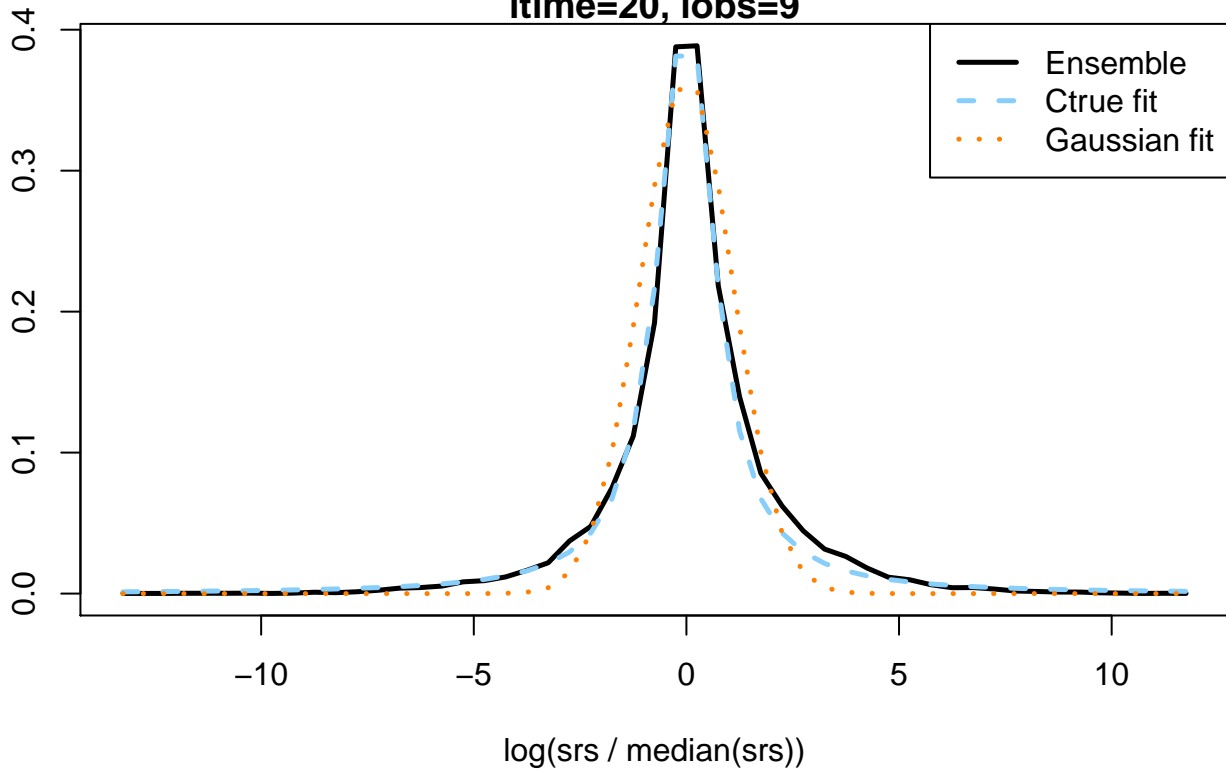
density



— Ensemble
- - Ctrue fit
... Gaussian fit

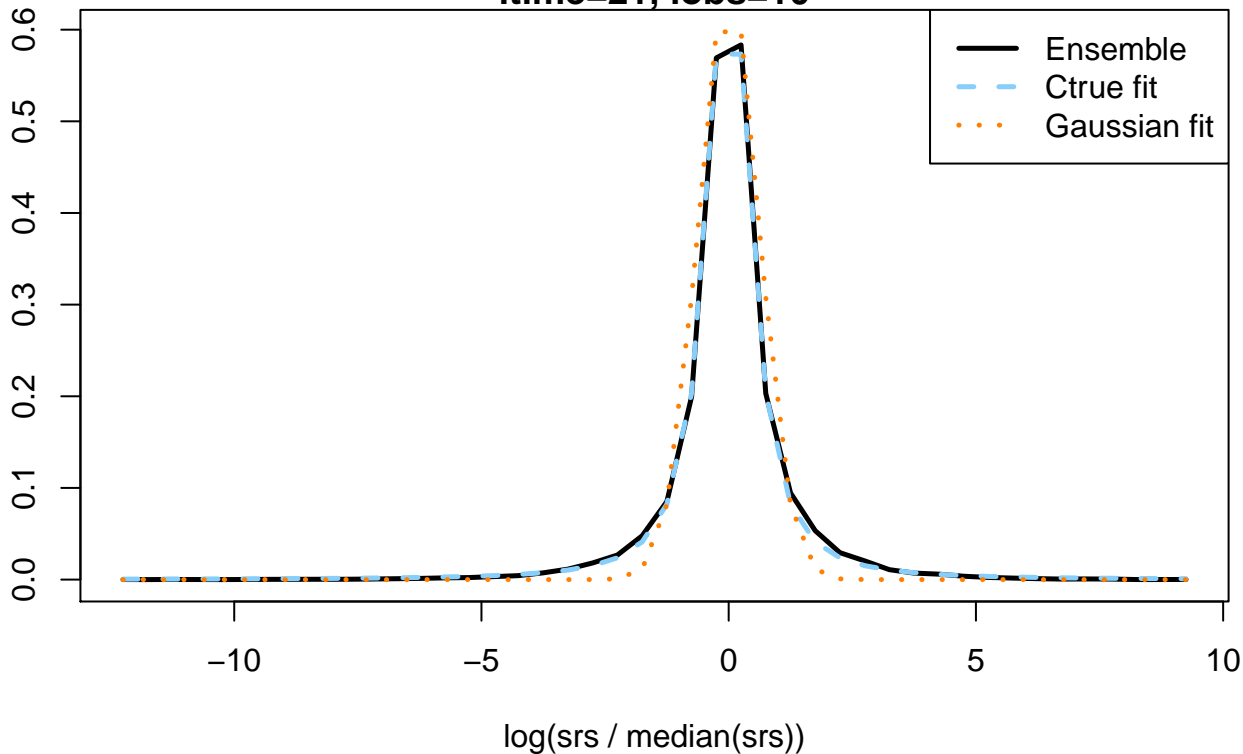
itime=20, iobs=9

density



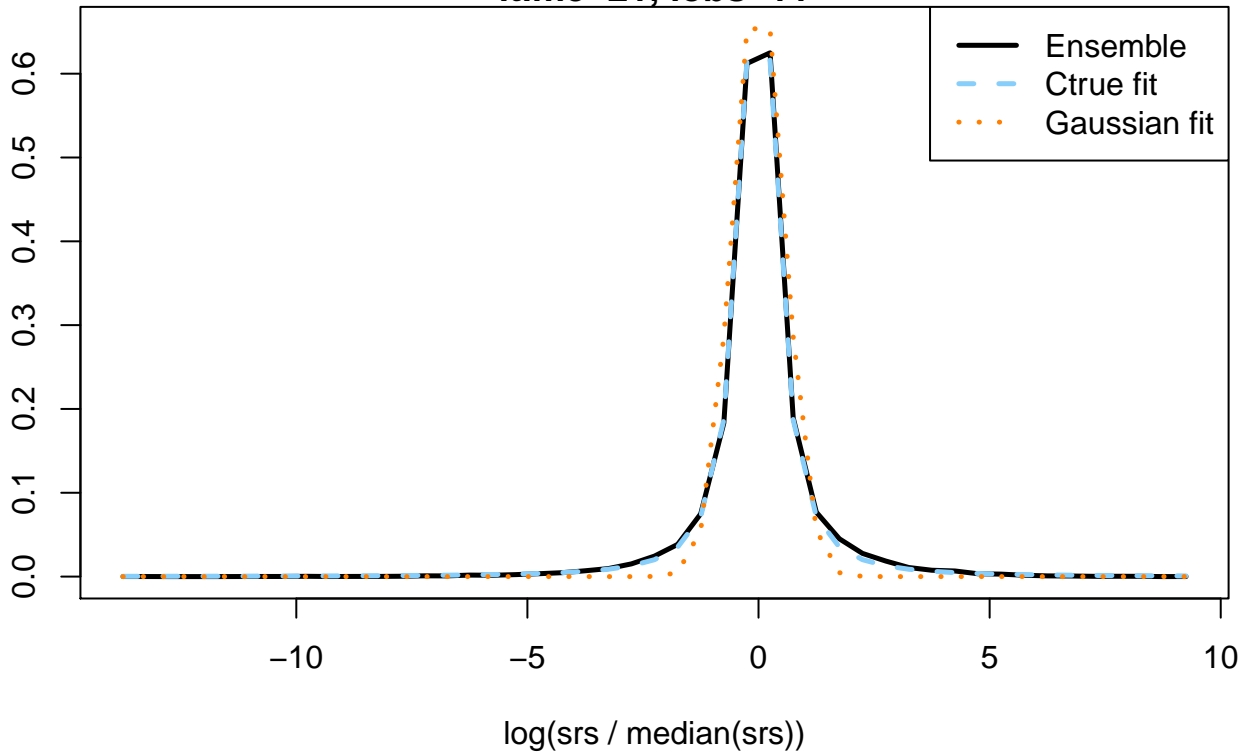
itime=21, iobs=10

density



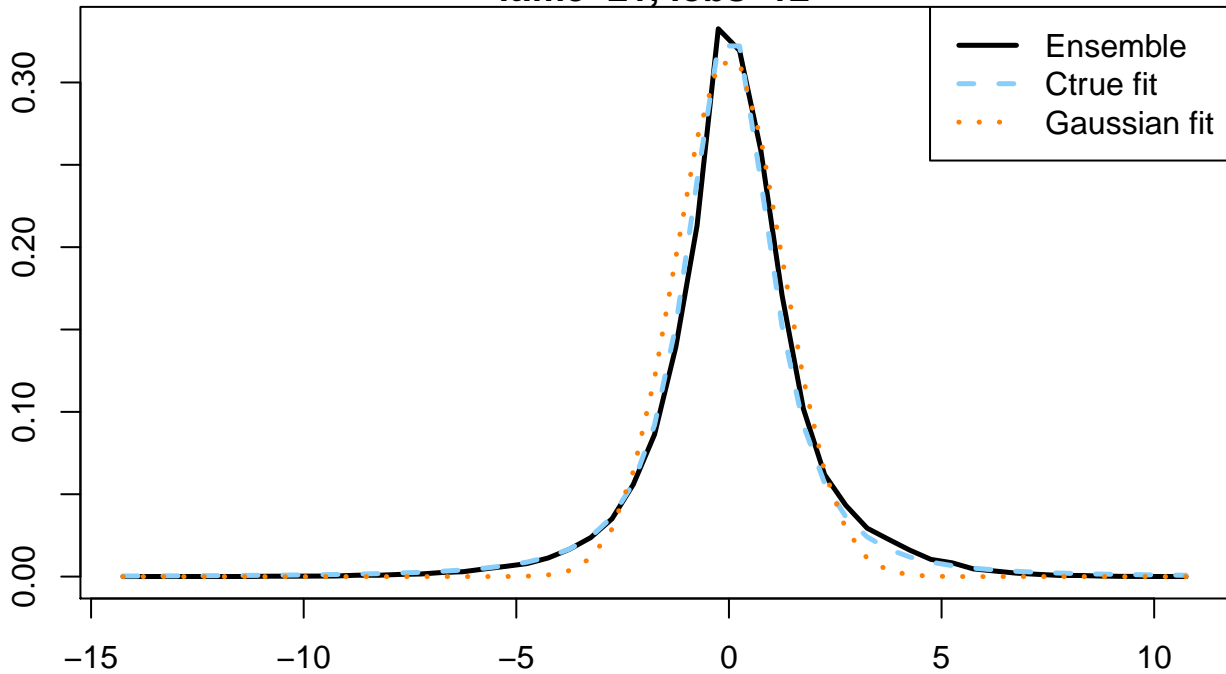
itime=21, iobs=11

density



itime=21, iobs=12

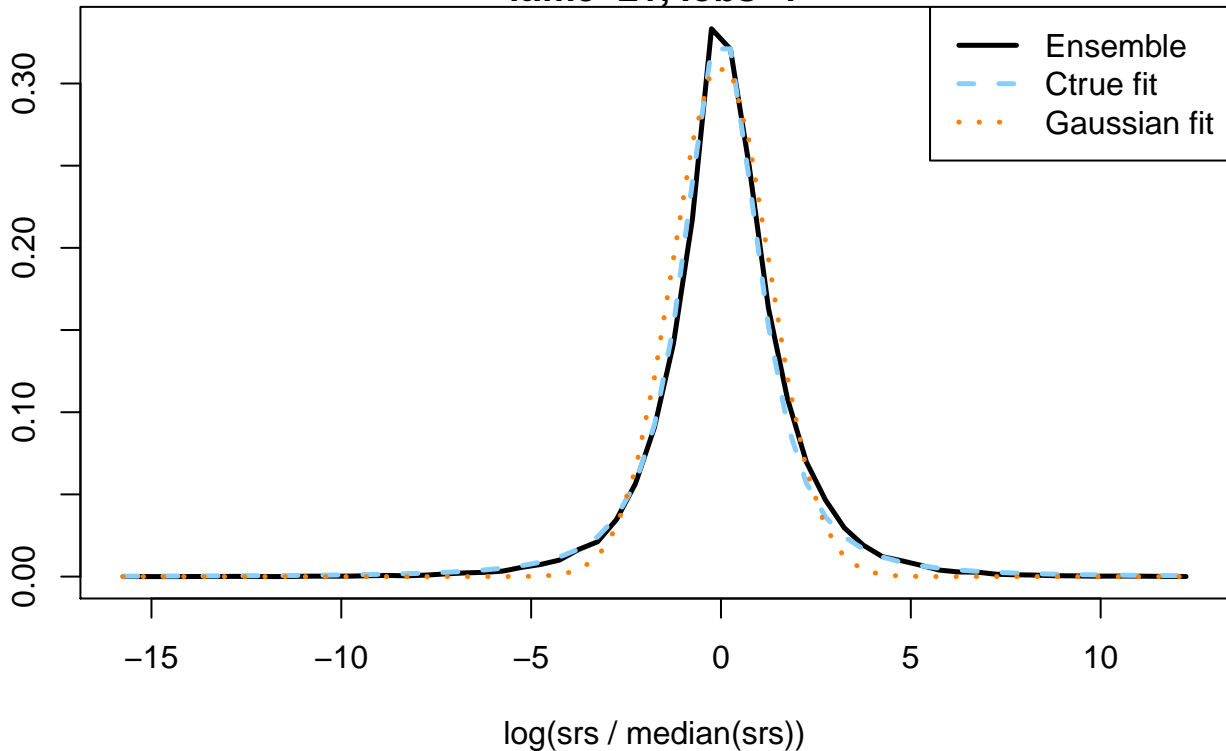
density



$\log(\text{srs} / \text{median}(\text{srs}))$

itime=21, iobs=1

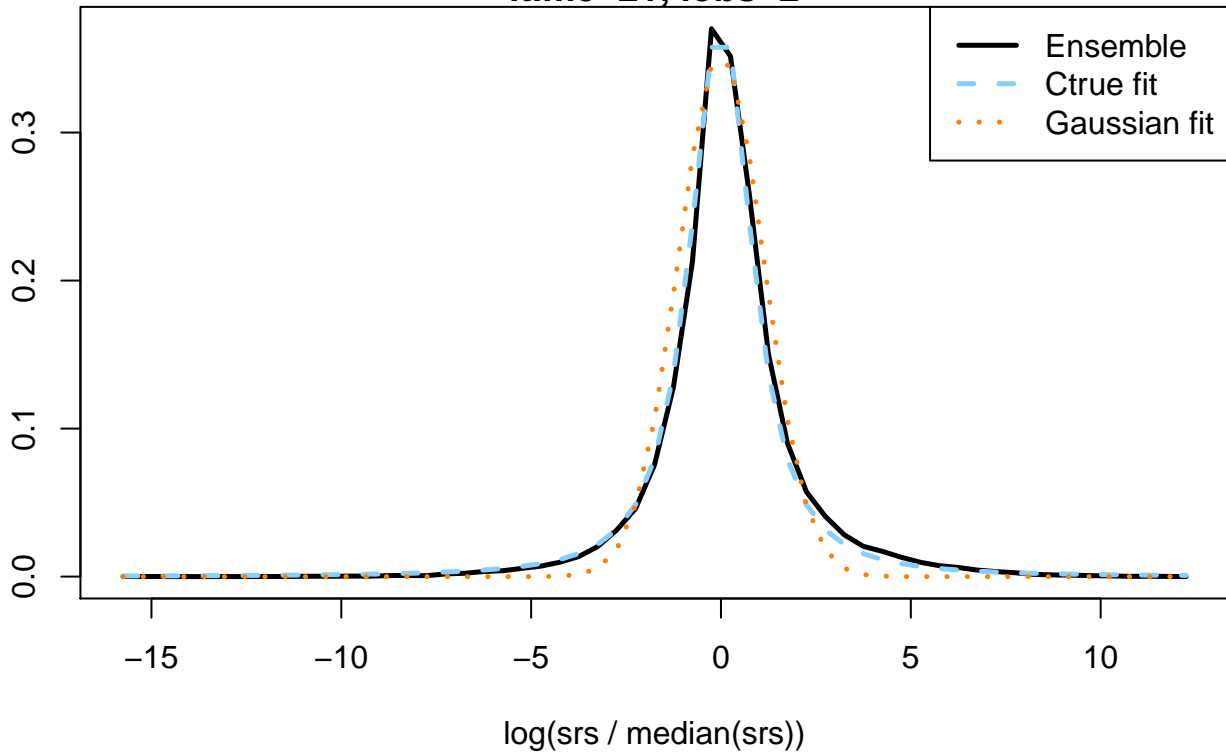
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=21, iobs=2

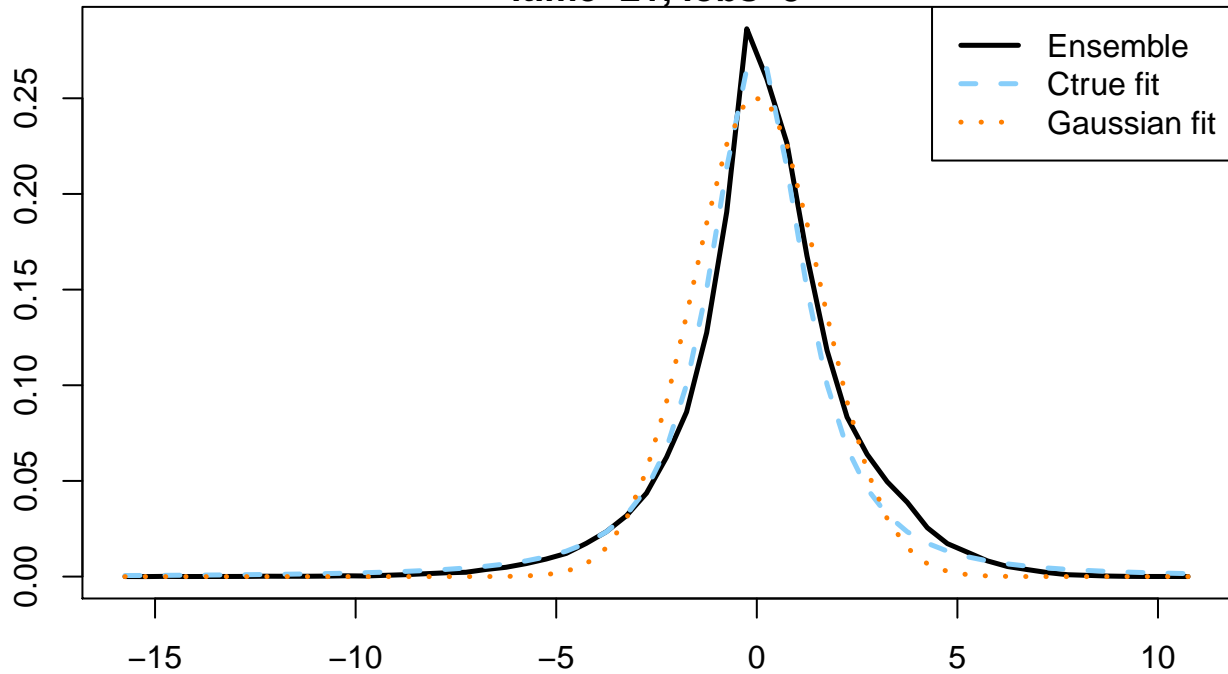
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=21, iobs=3

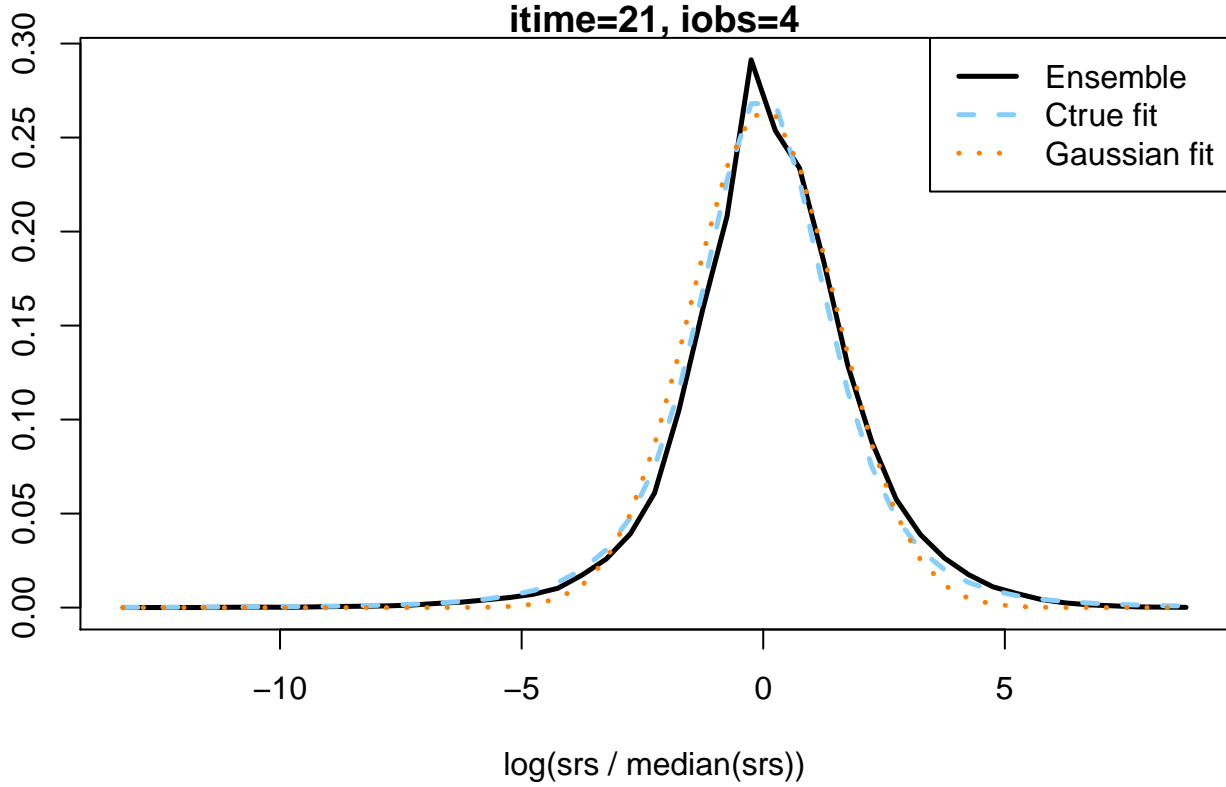
density



log(srs / median(srs))

itime=21, iobs=4

density



— Ensemble
- - Ctrue fit
... Gaussian fit

-10

-5

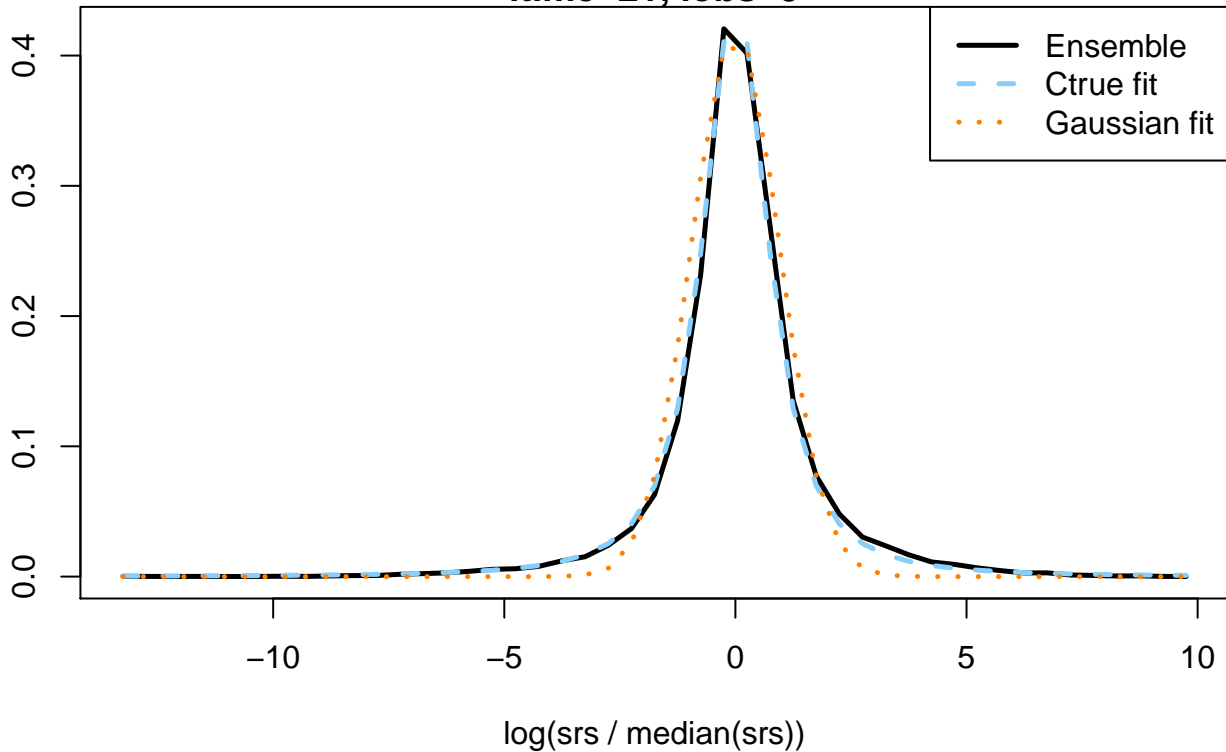
0

5

$\log(\text{srs} / \text{median}(\text{srs}))$

itime=21, iobs=5

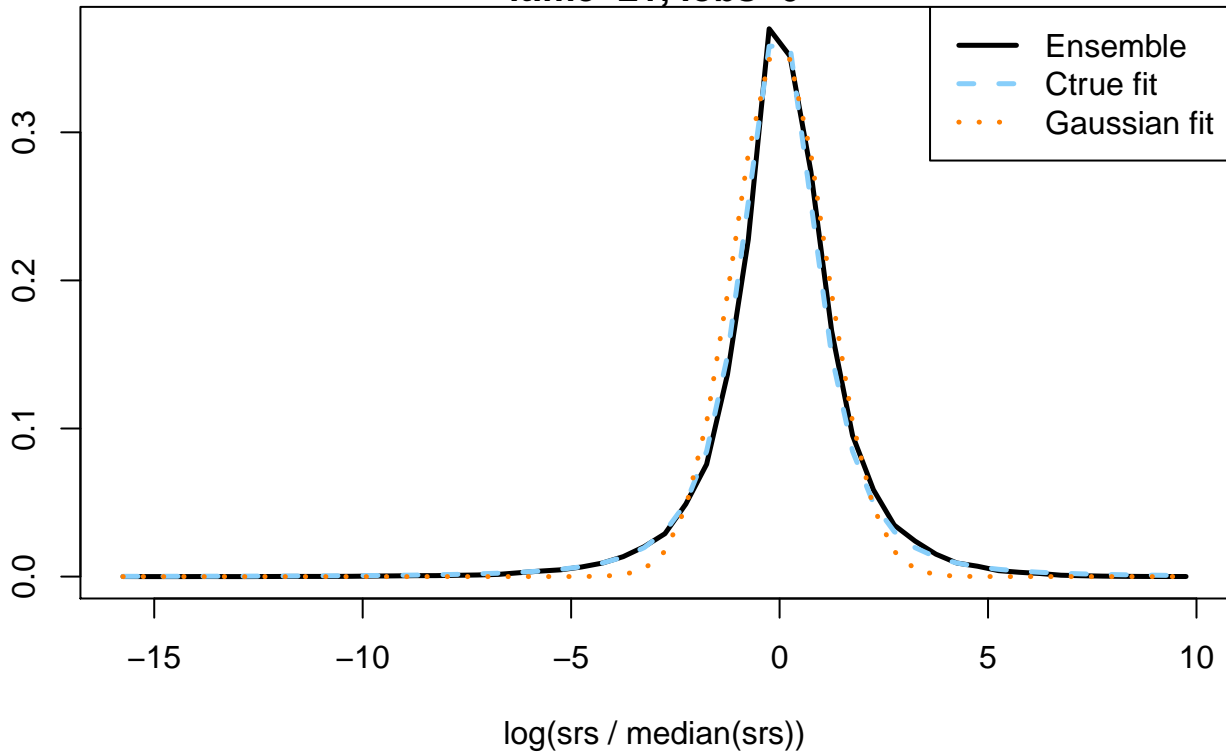
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=21, iobs=6

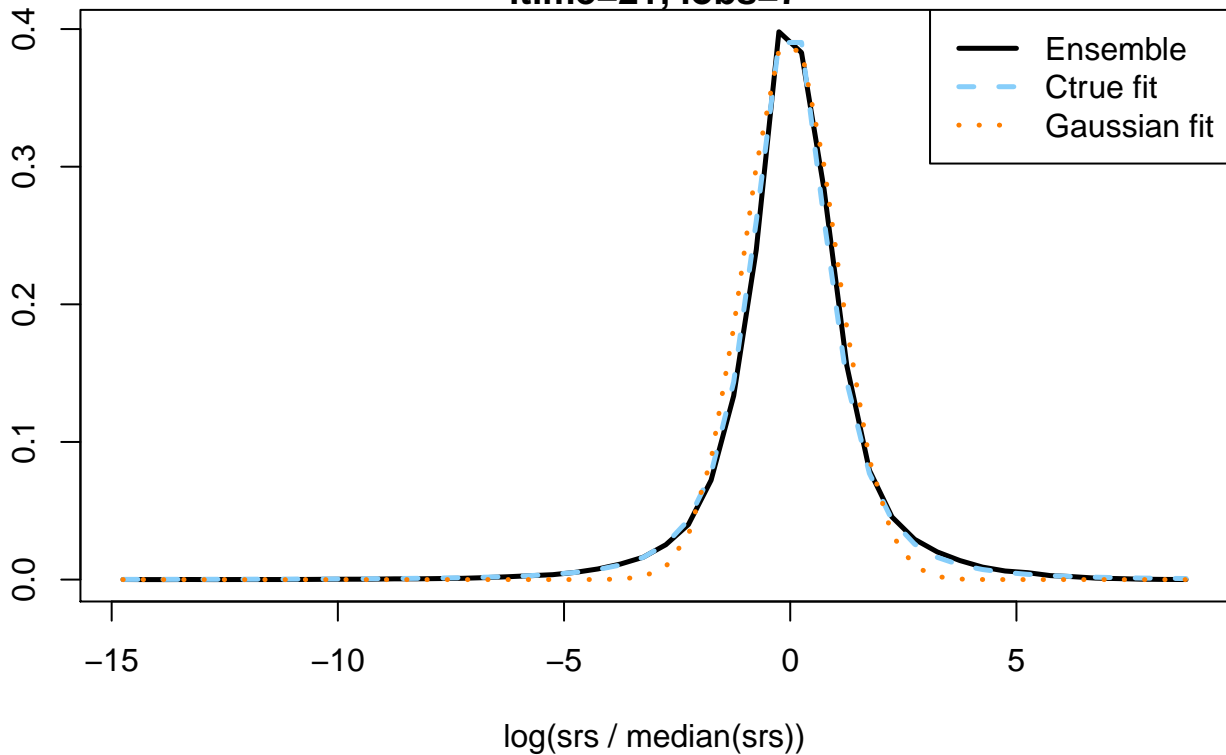
density



— Ensemble
- - Ctrue fit
... Gaussian fit

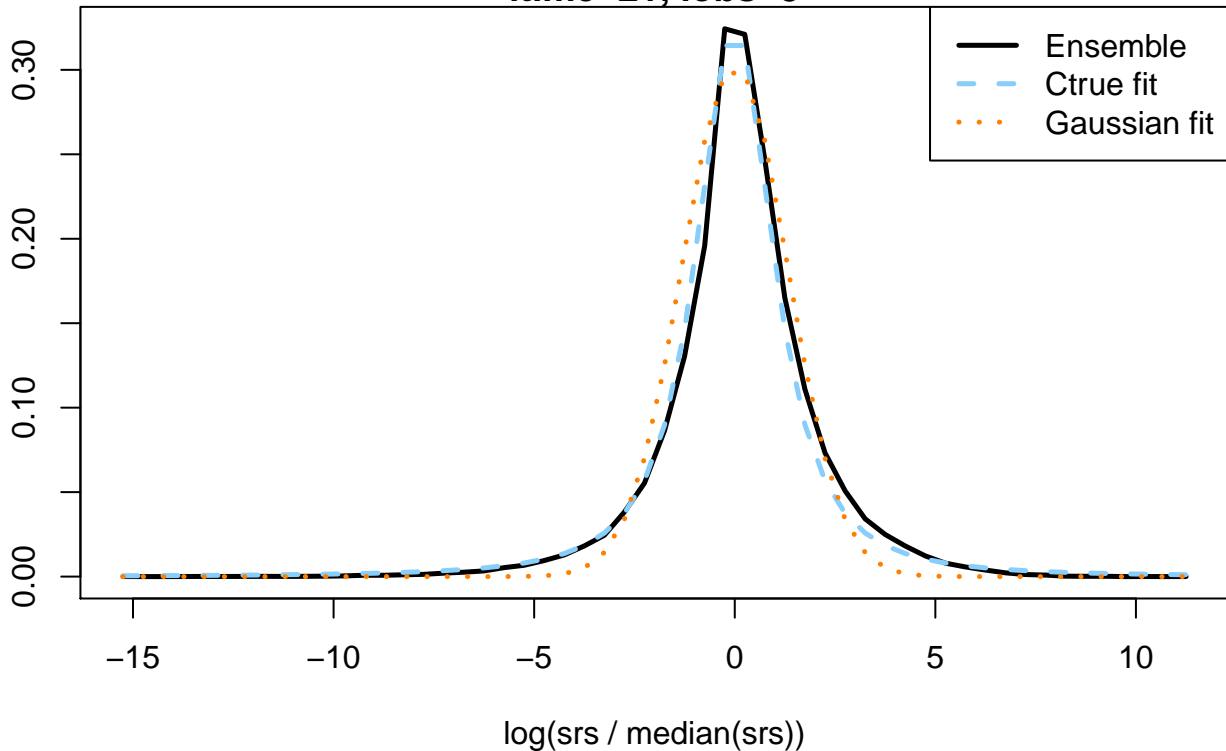
itime=21, iobs=7

density



itime=21, iobs=8

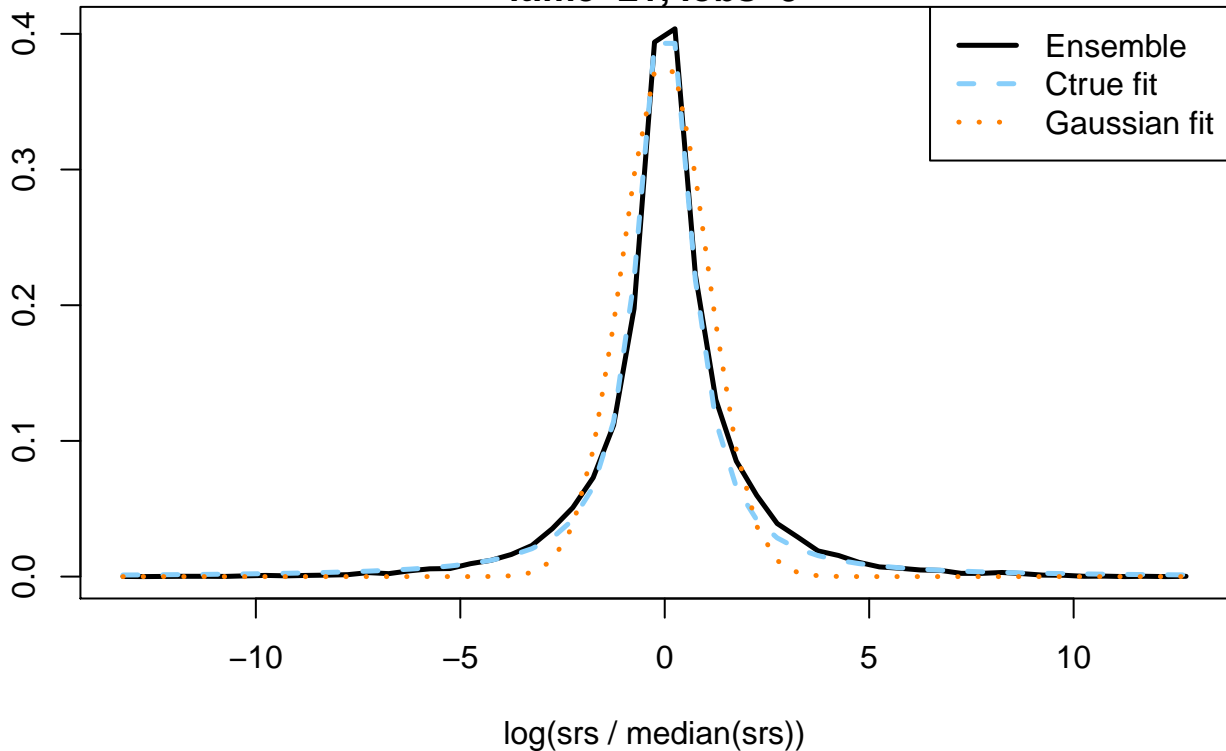
density



— Ensemble
- - Ctrue fit
... Gaussian fit

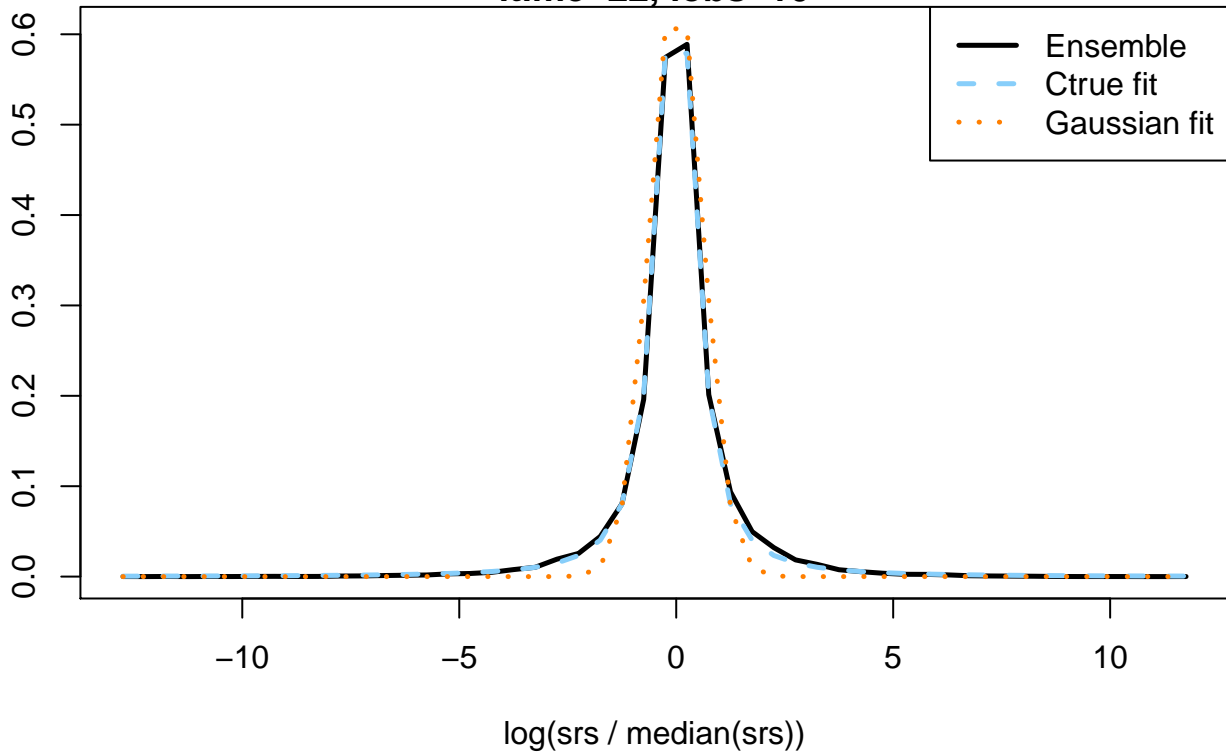
itime=21, iobs=9

density



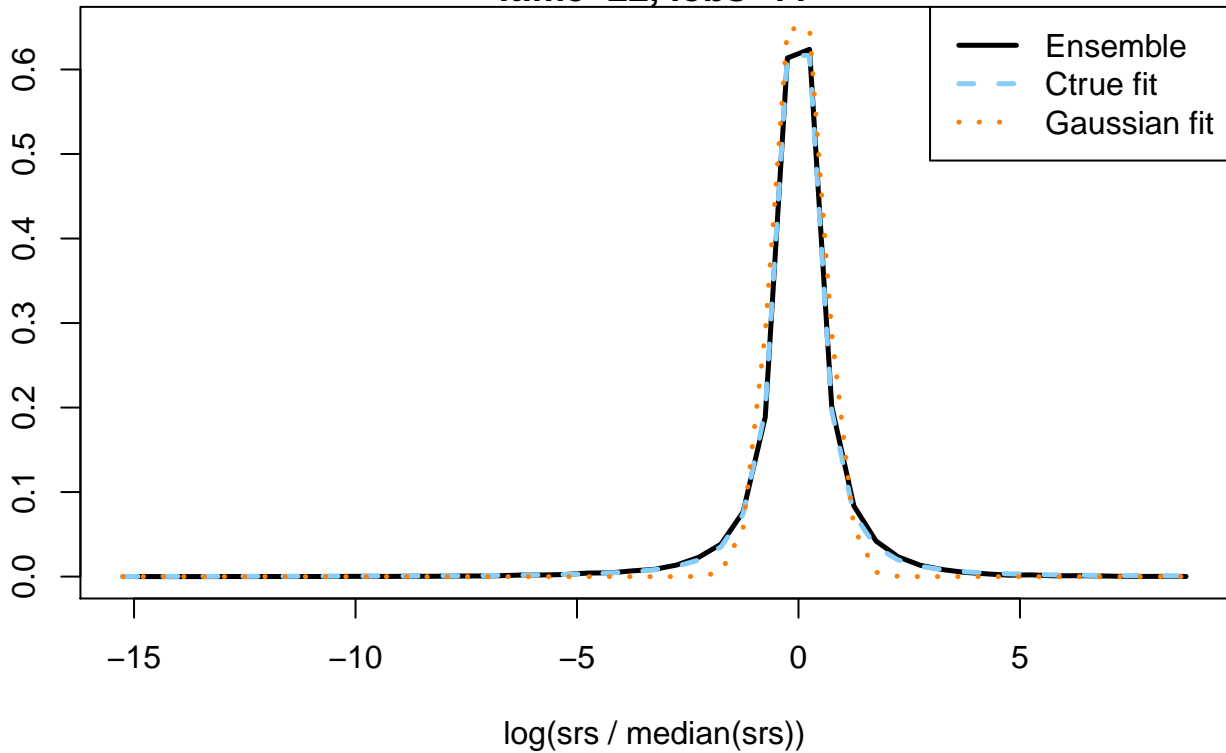
itime=22, iobs=10

density



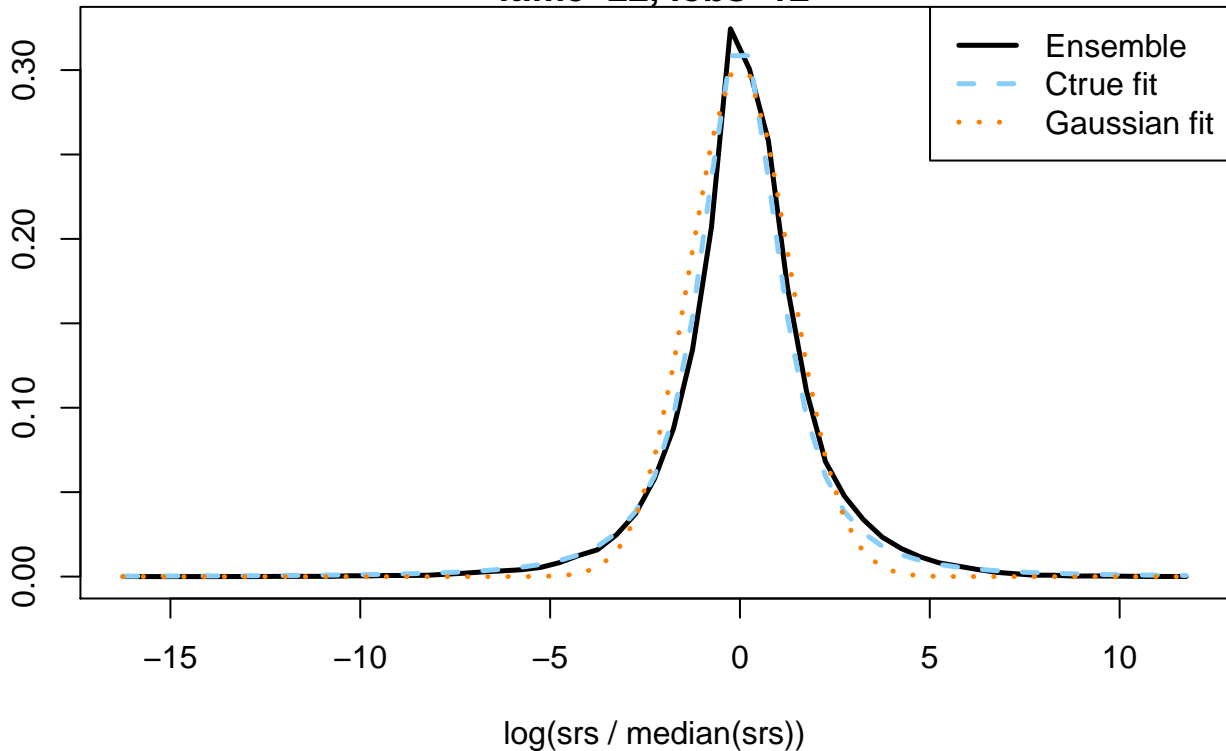
itime=22, iobs=11

density



itime=22, iobs=12

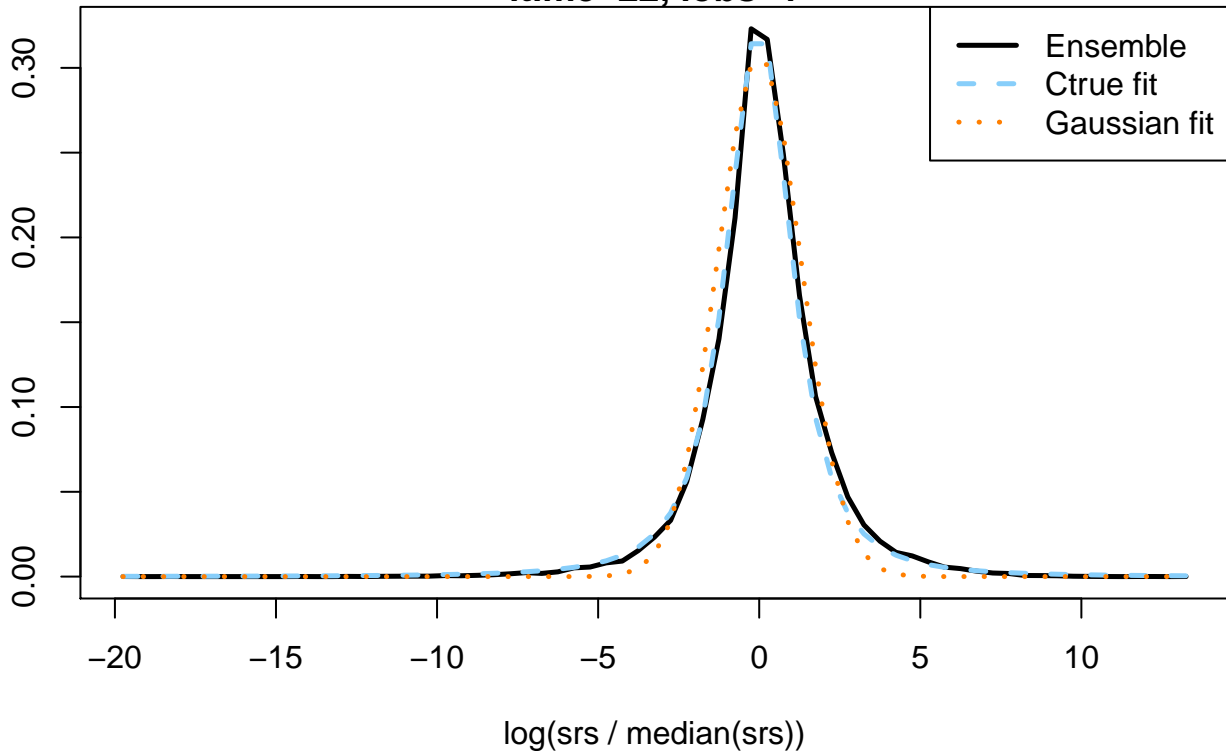
density



— Ensemble
- - Ctrue fit
... Gaussian fit

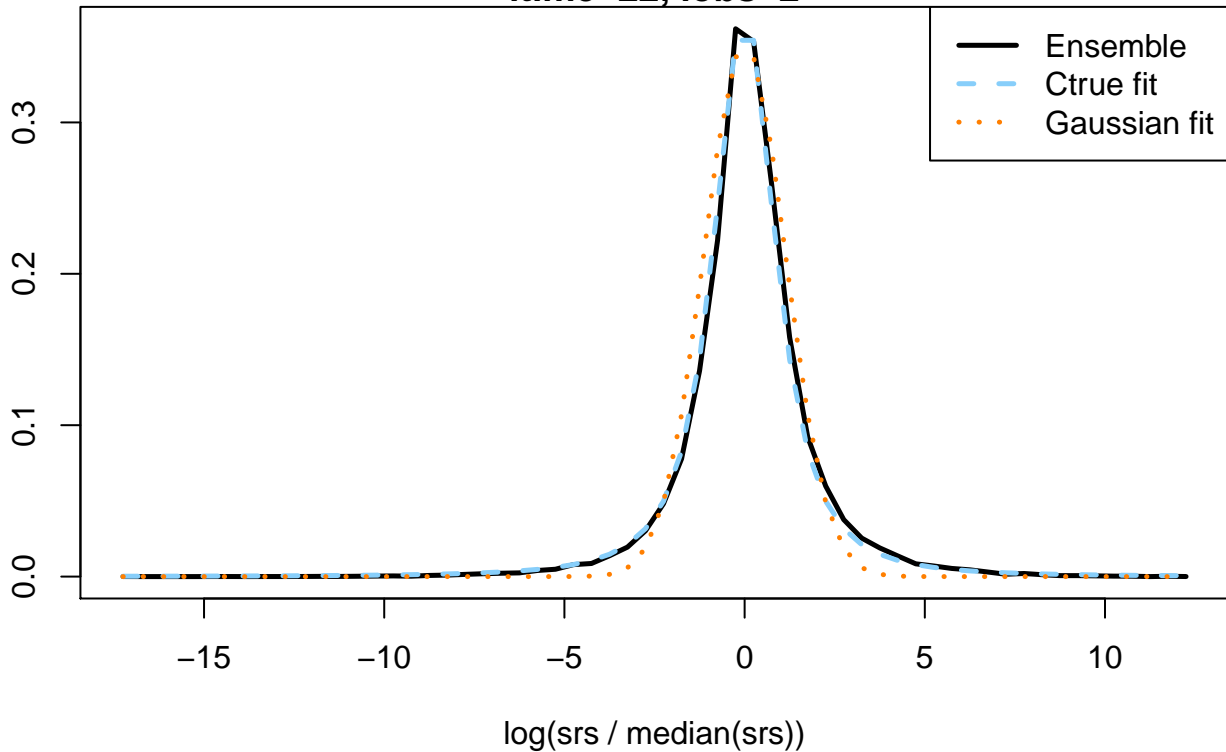
itime=22, iobs=1

density



itime=22, iobs=2

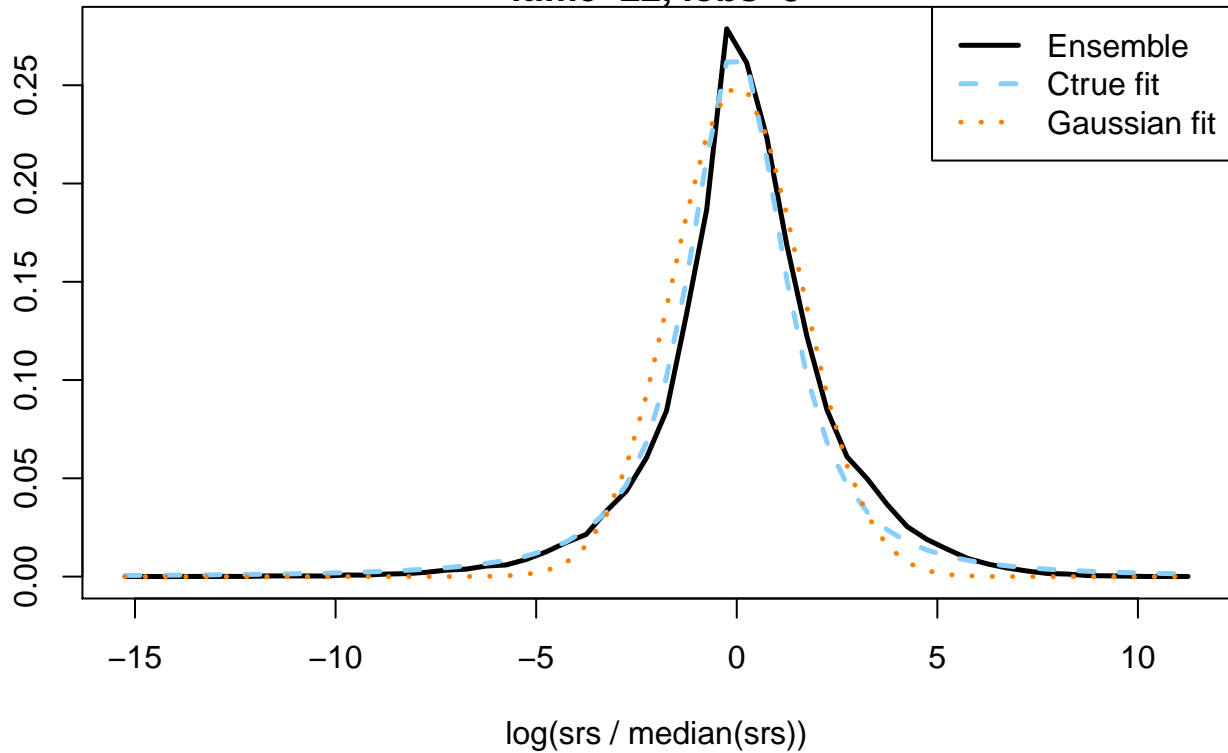
density



— Ensemble
- - Ctrue fit
... Gaussian fit

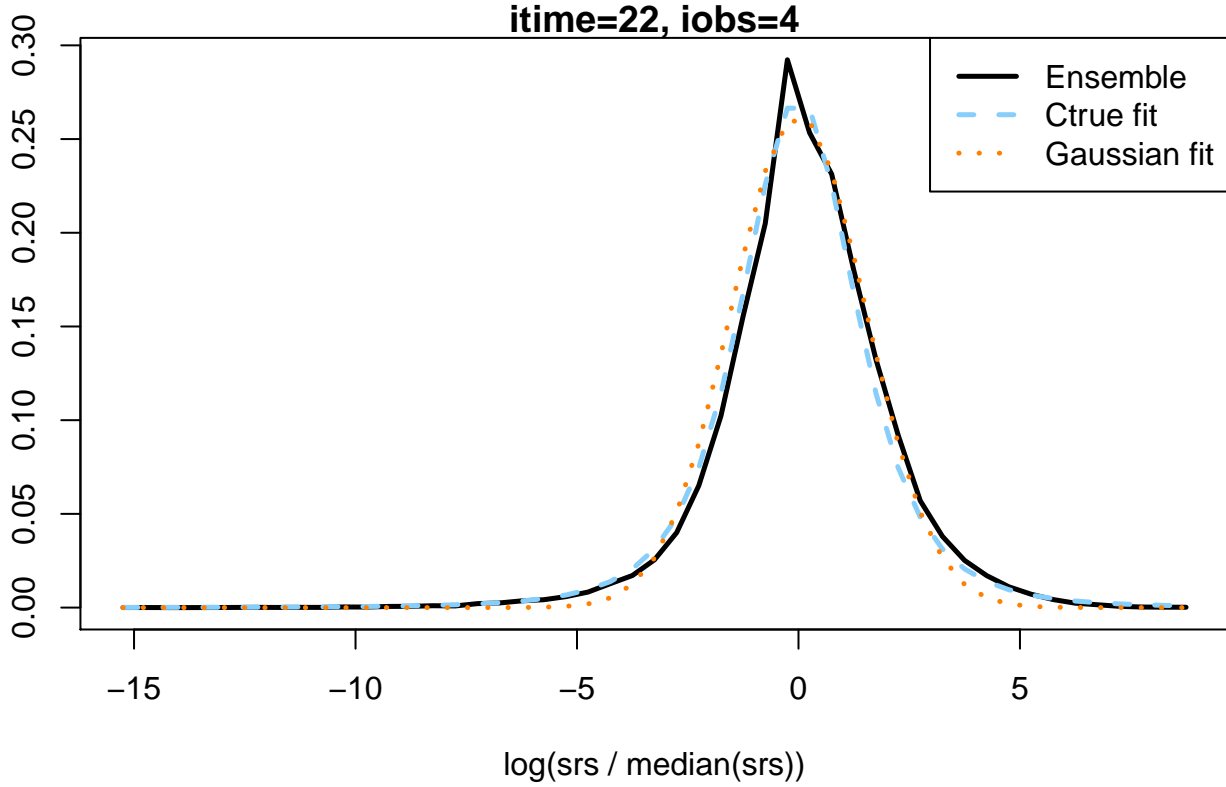
itime=22, iobs=3

density



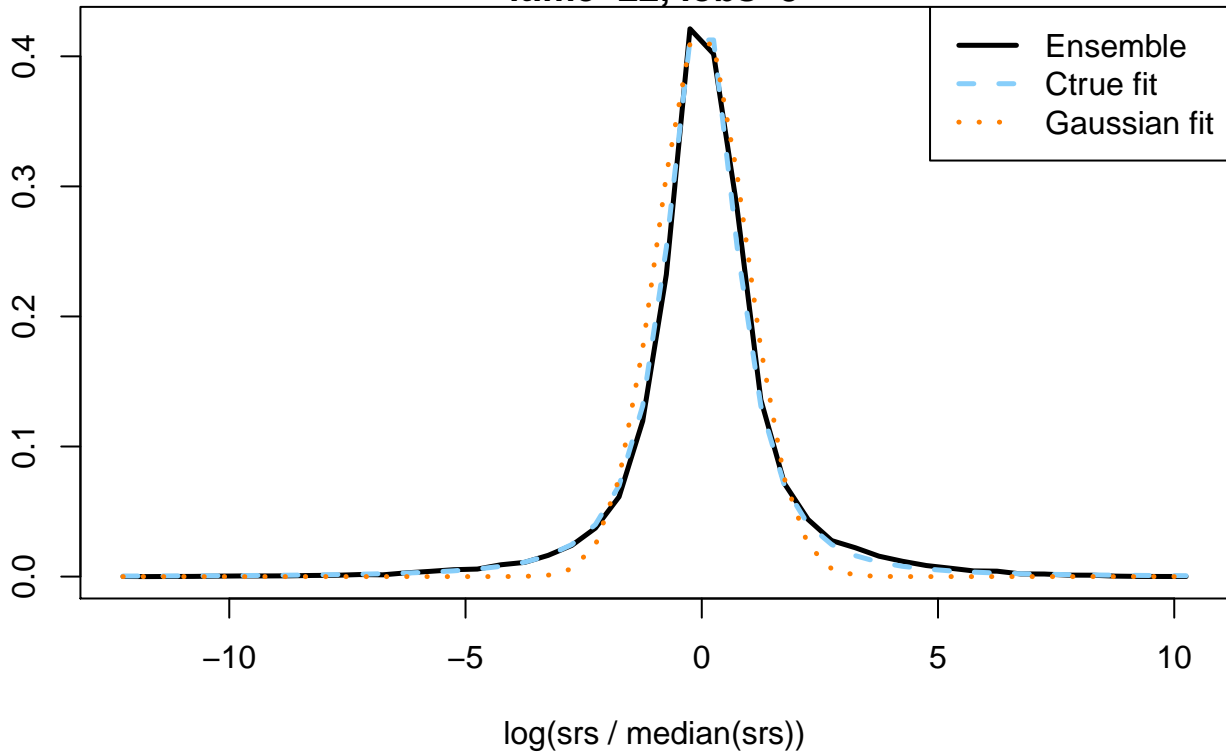
itime=22, iobs=4

density



itime=22, iobs=5

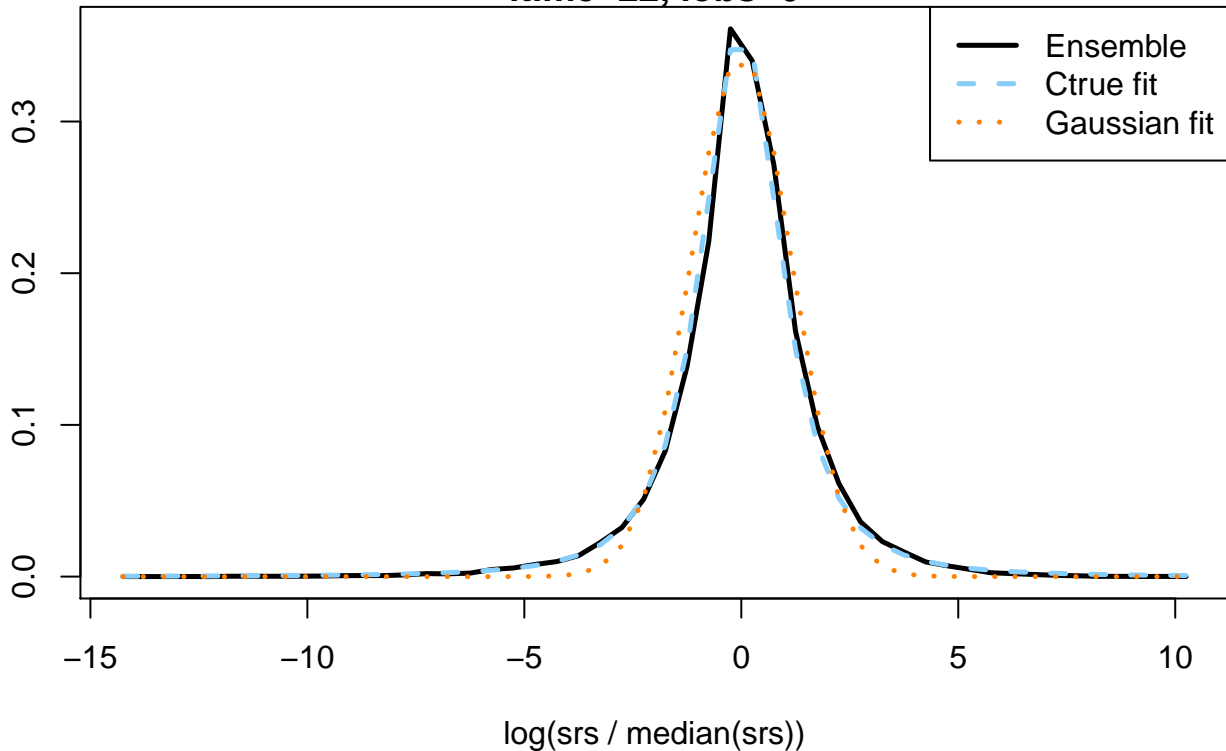
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=22, iobs=6

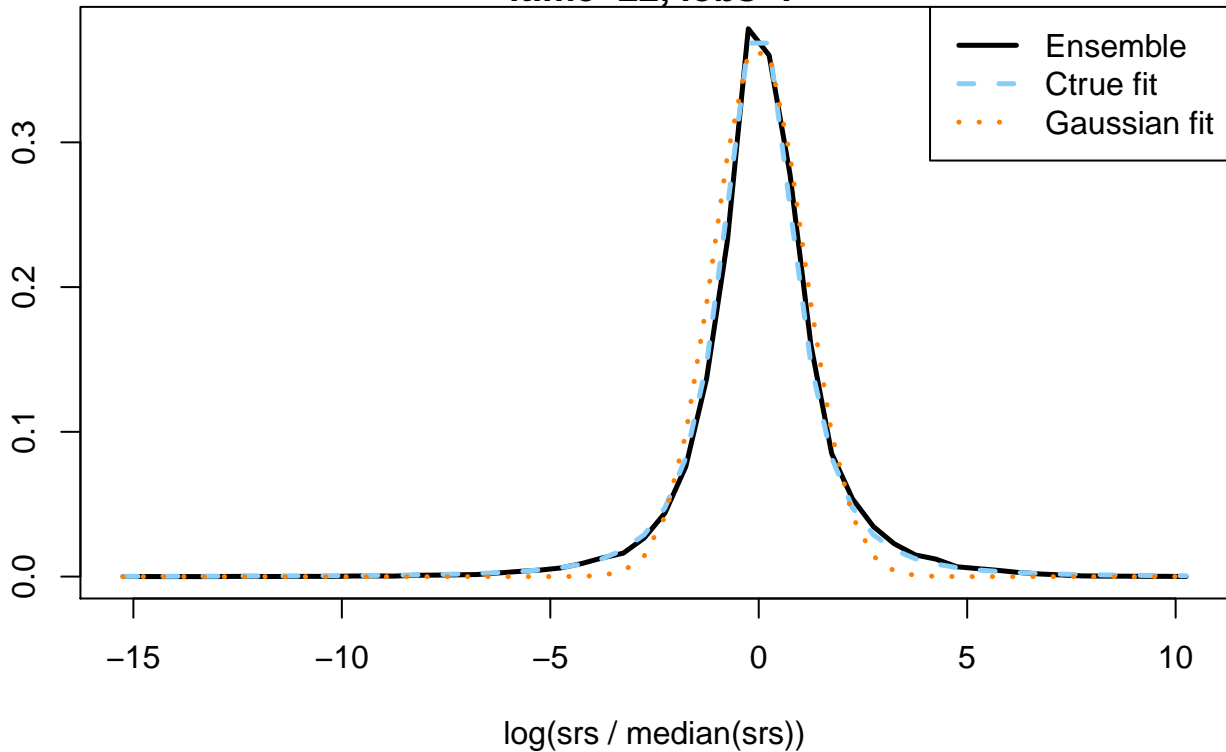
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=22, iobs=7

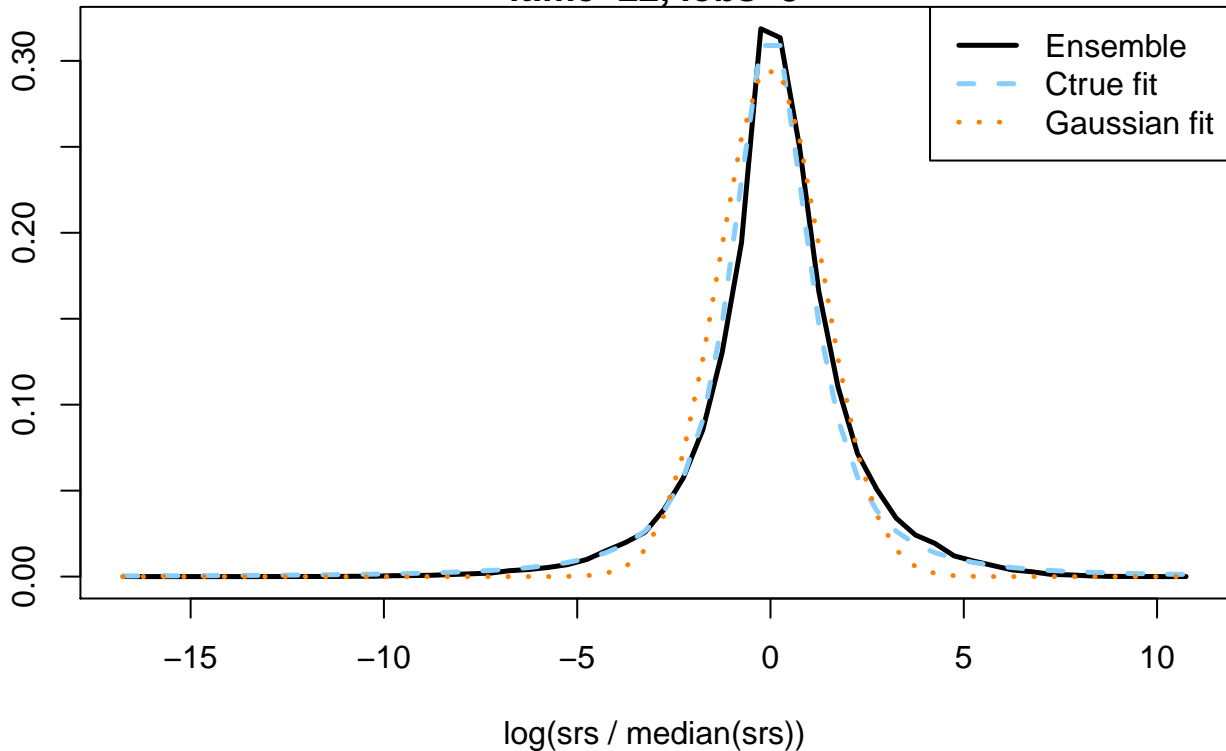
density



— Ensemble
- - Ctrue fit
... Gaussian fit

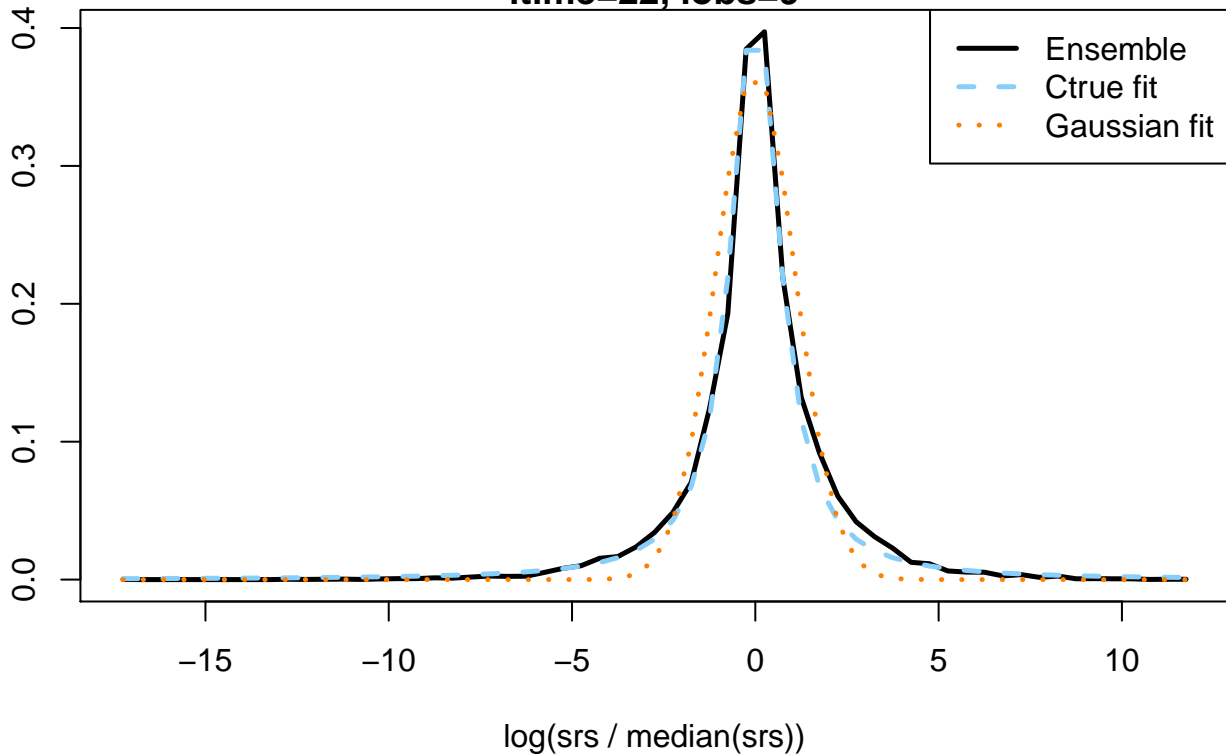
itime=22, iobs=8

density



itime=22, iobs=9

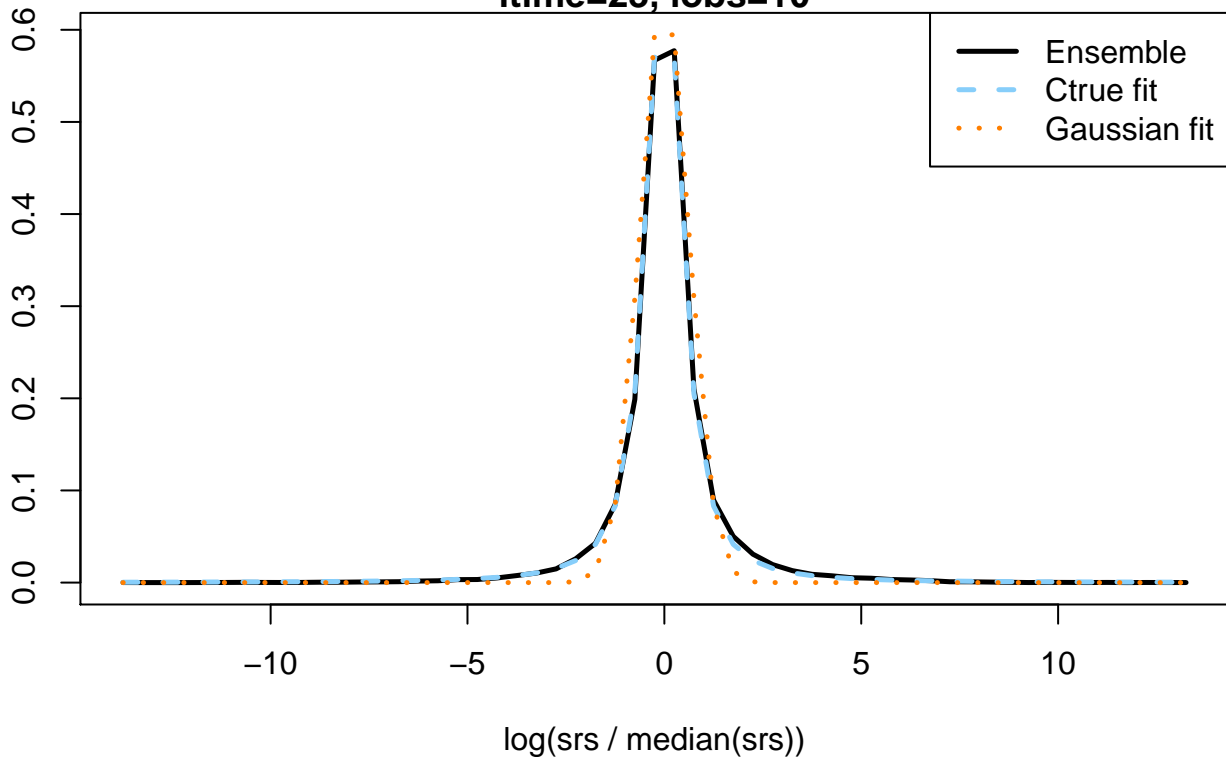
density



— Ensemble
- - Ctrue fit
... Gaussian fit

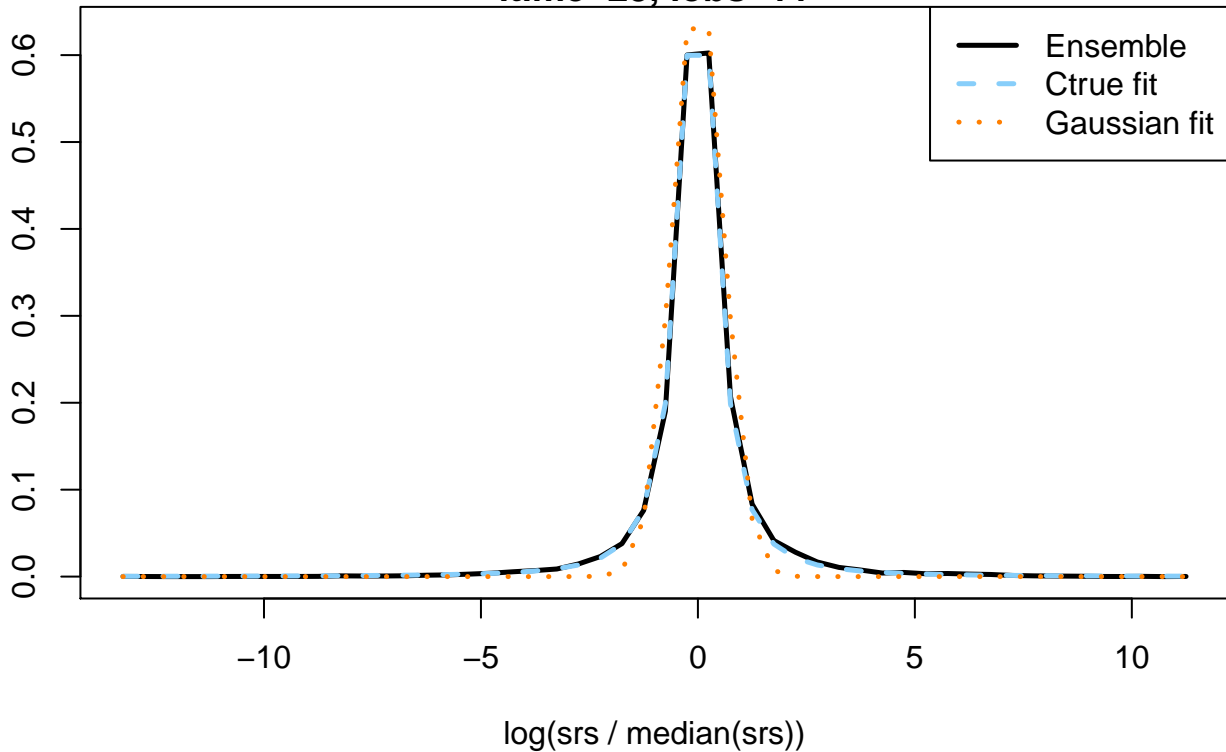
itime=23, iobs=10

density



itime=23, iobs=11

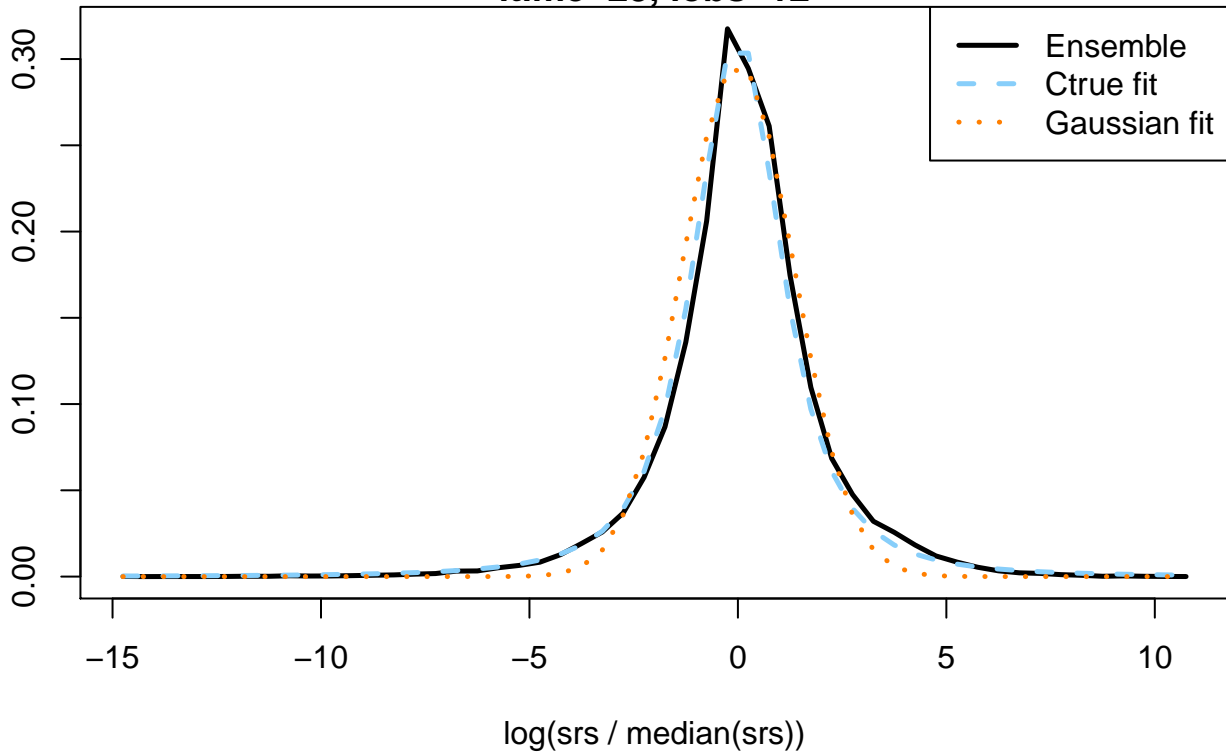
density



— Ensemble
- - Ctrue fit
... Gaussian fit

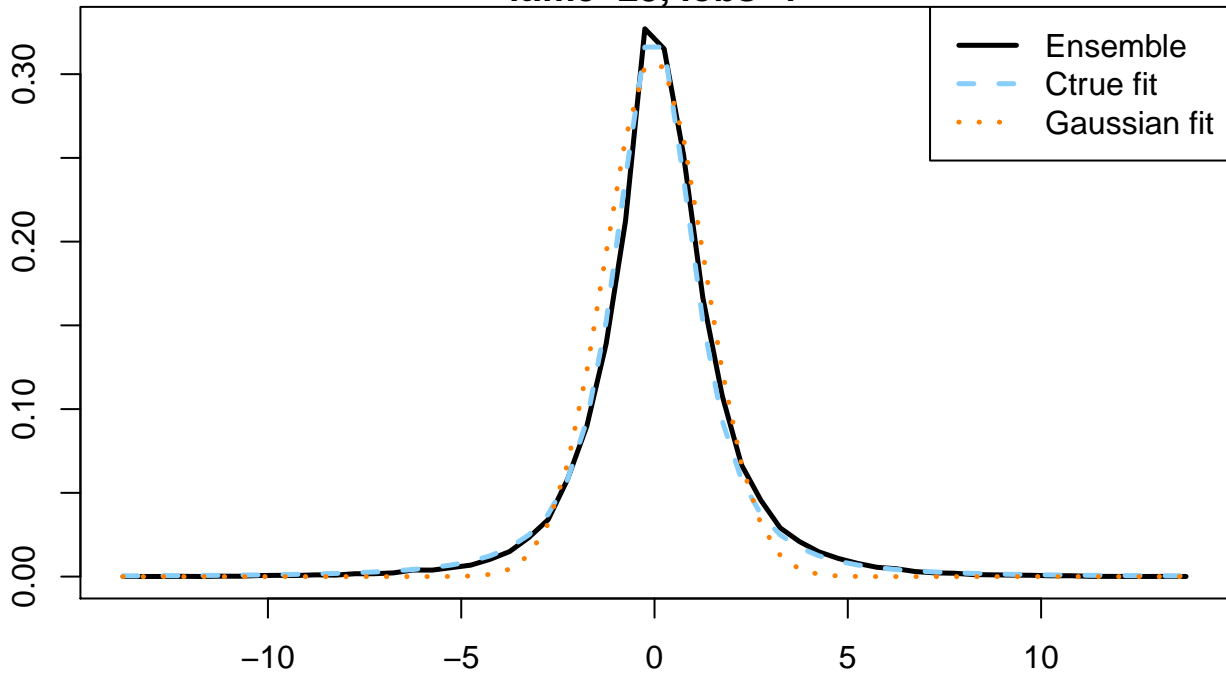
itime=23, iobs=12

density



itime=23, iobs=1

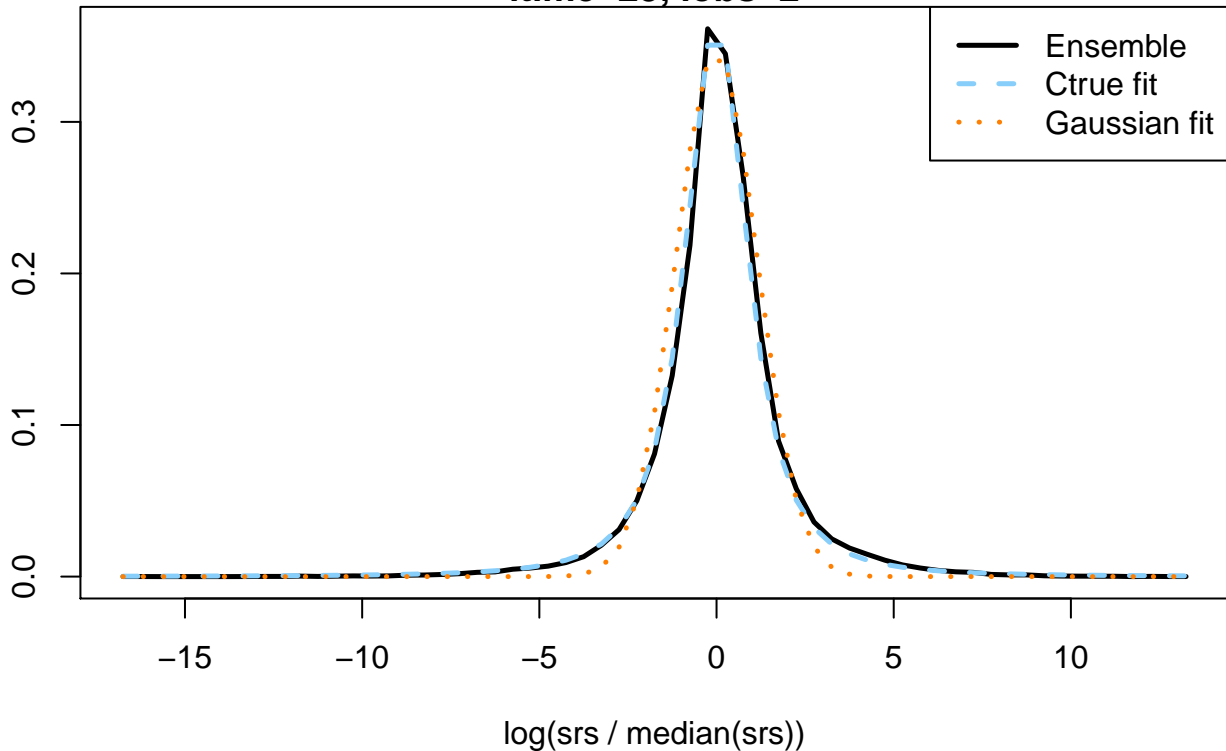
density



log(srs / median(srs))

itime=23, iobs=2

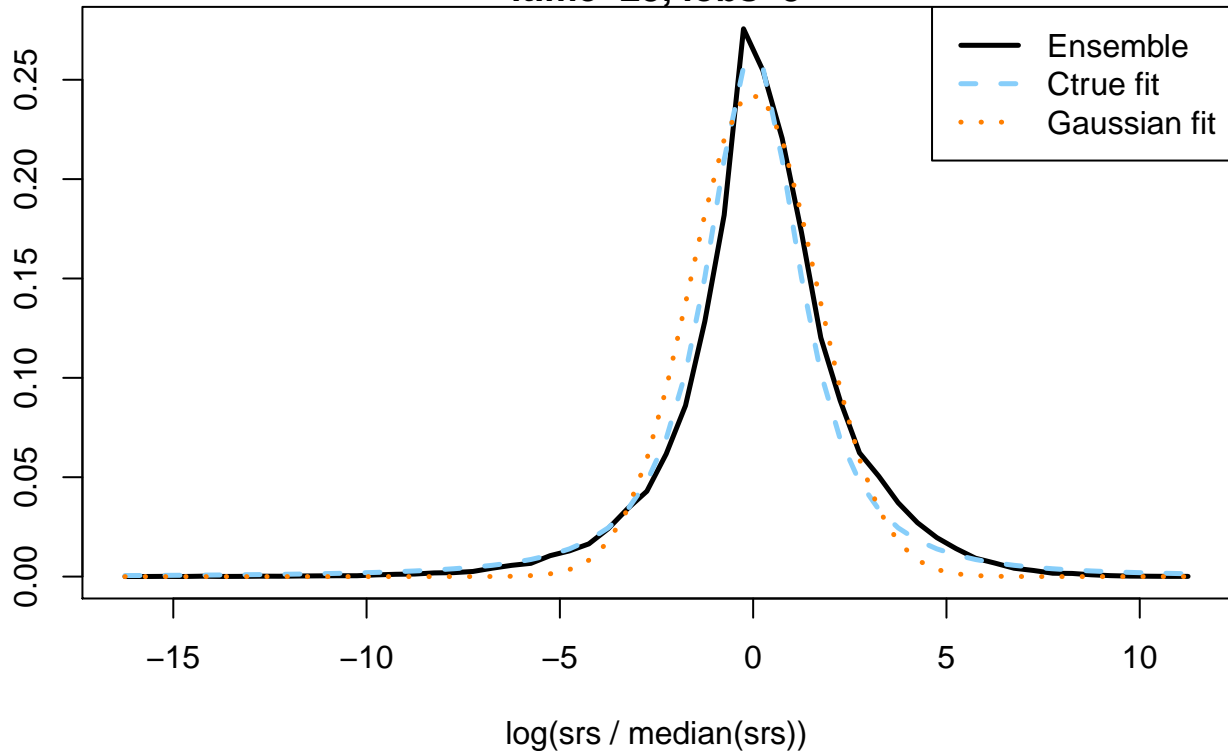
density



— Ensemble
- - Ctrue fit
... Gaussian fit

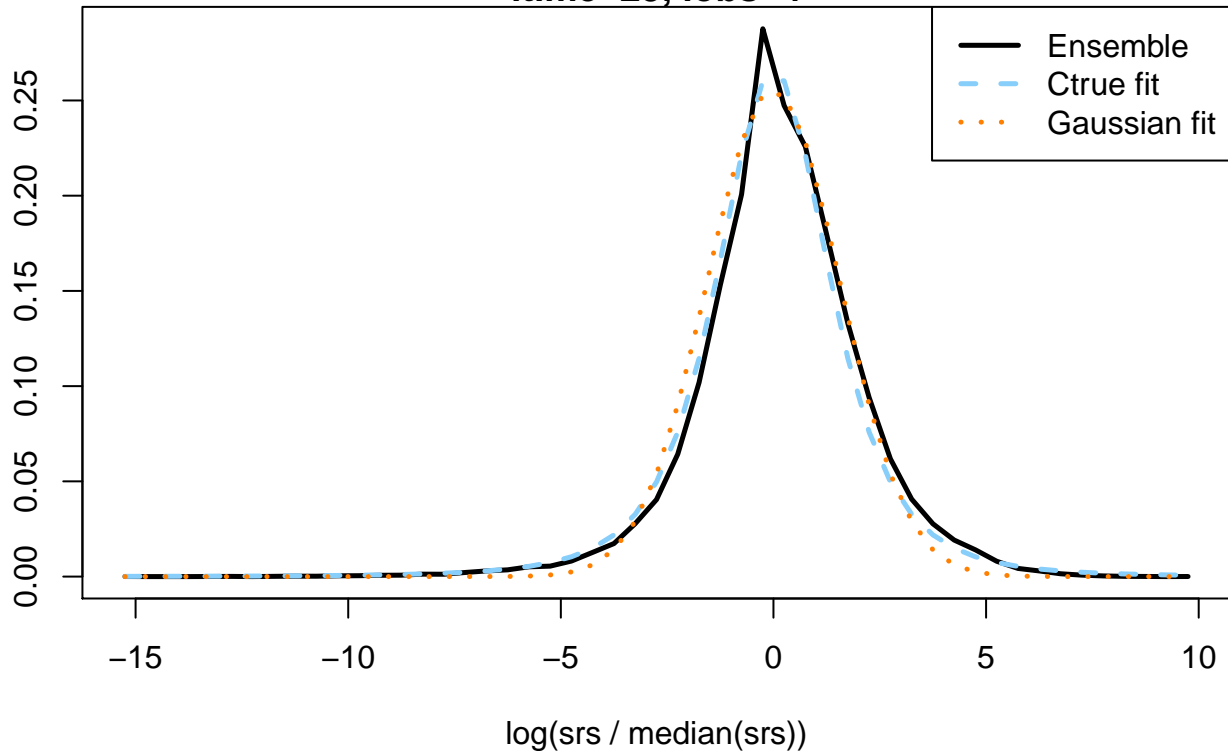
itime=23, iobs=3

density



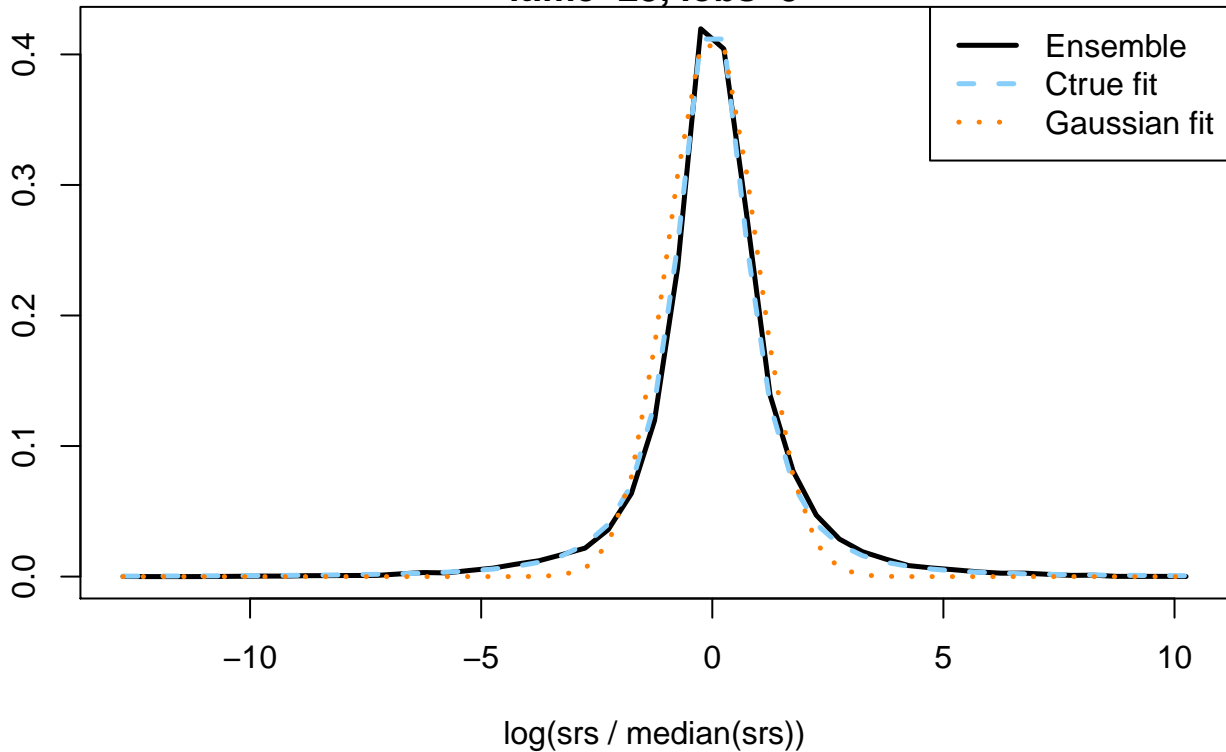
itime=23, iobs=4

density



itime=23, iobs=5

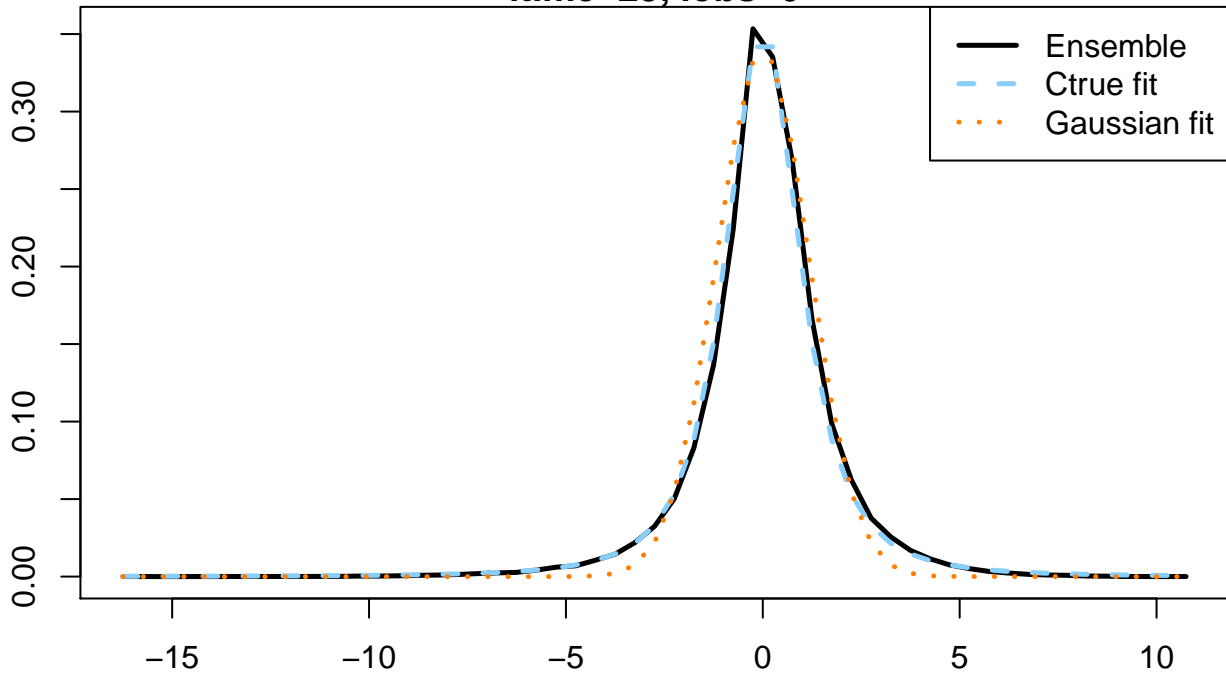
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=23, iobs=6

density

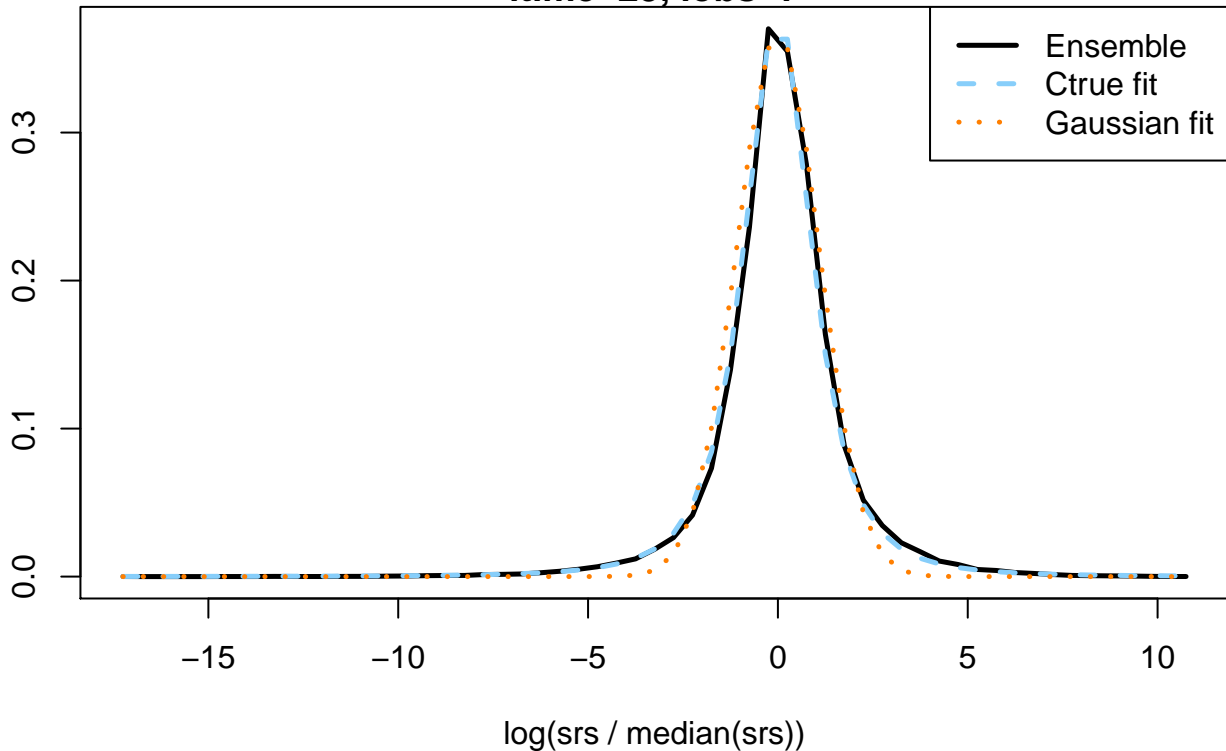


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

itime=23, iobs=7

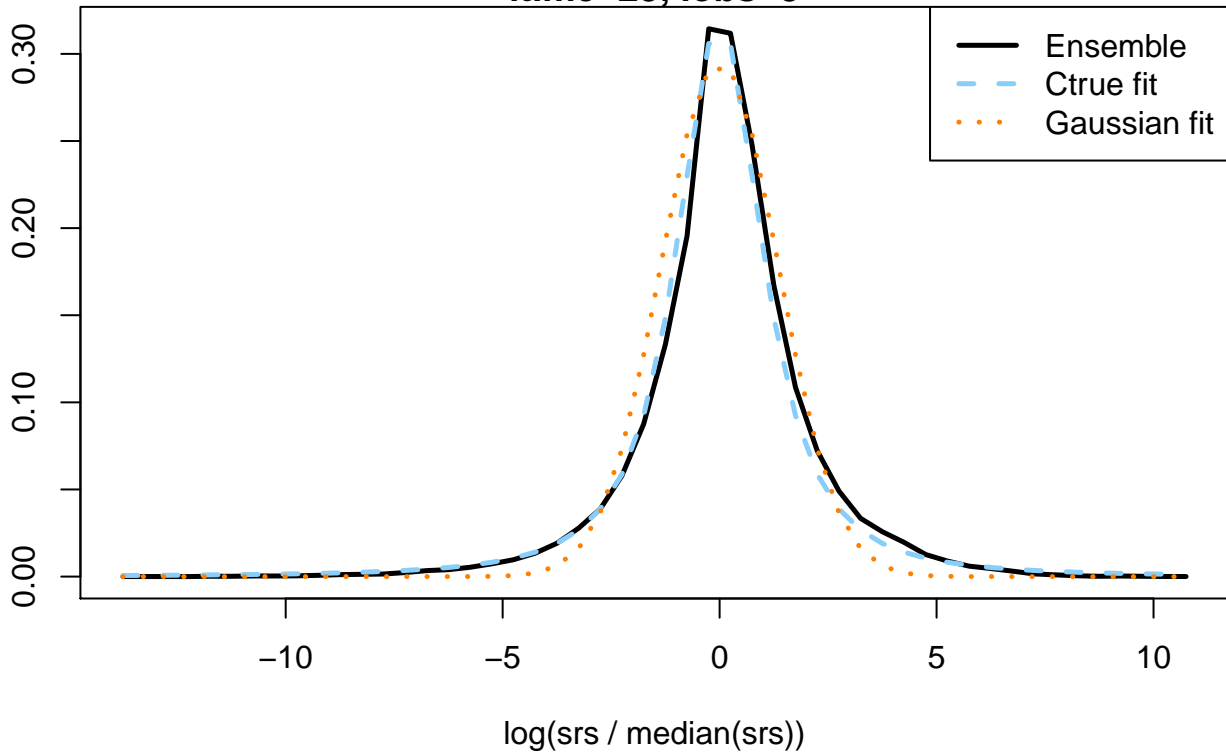
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=23, iobs=8

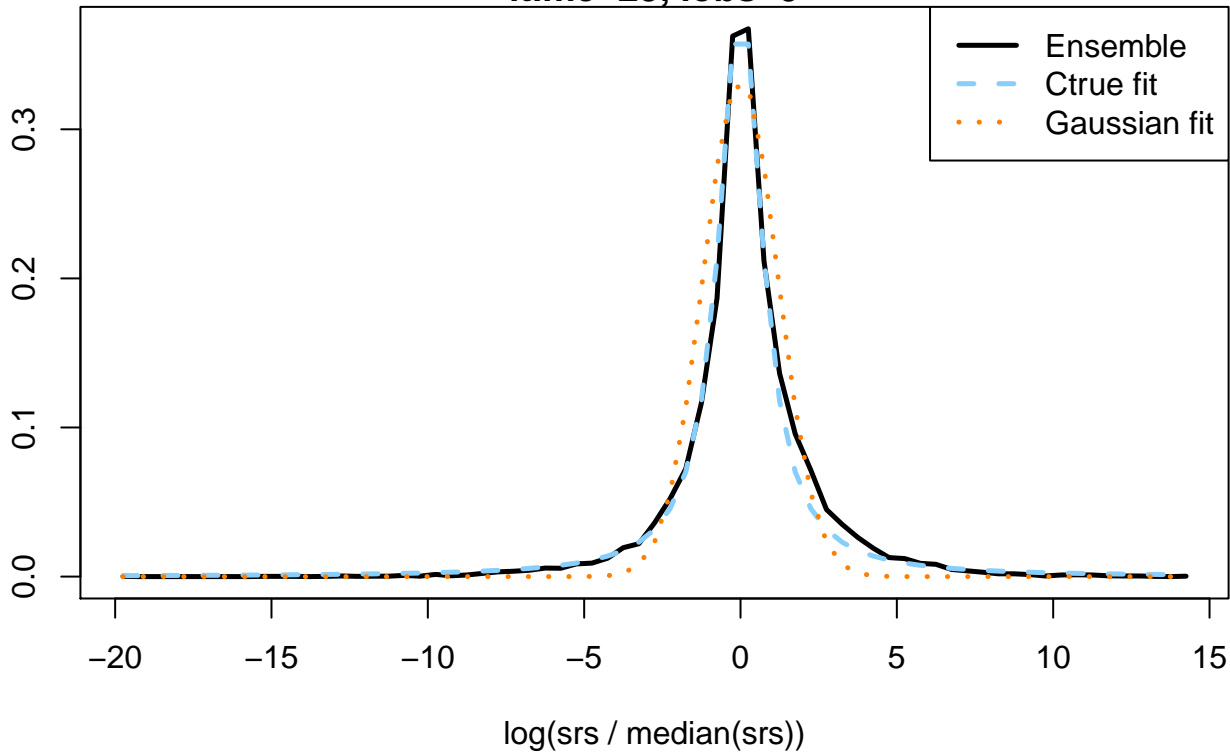
density



— Ensemble
- - Ctrue fit
... Gaussian fit

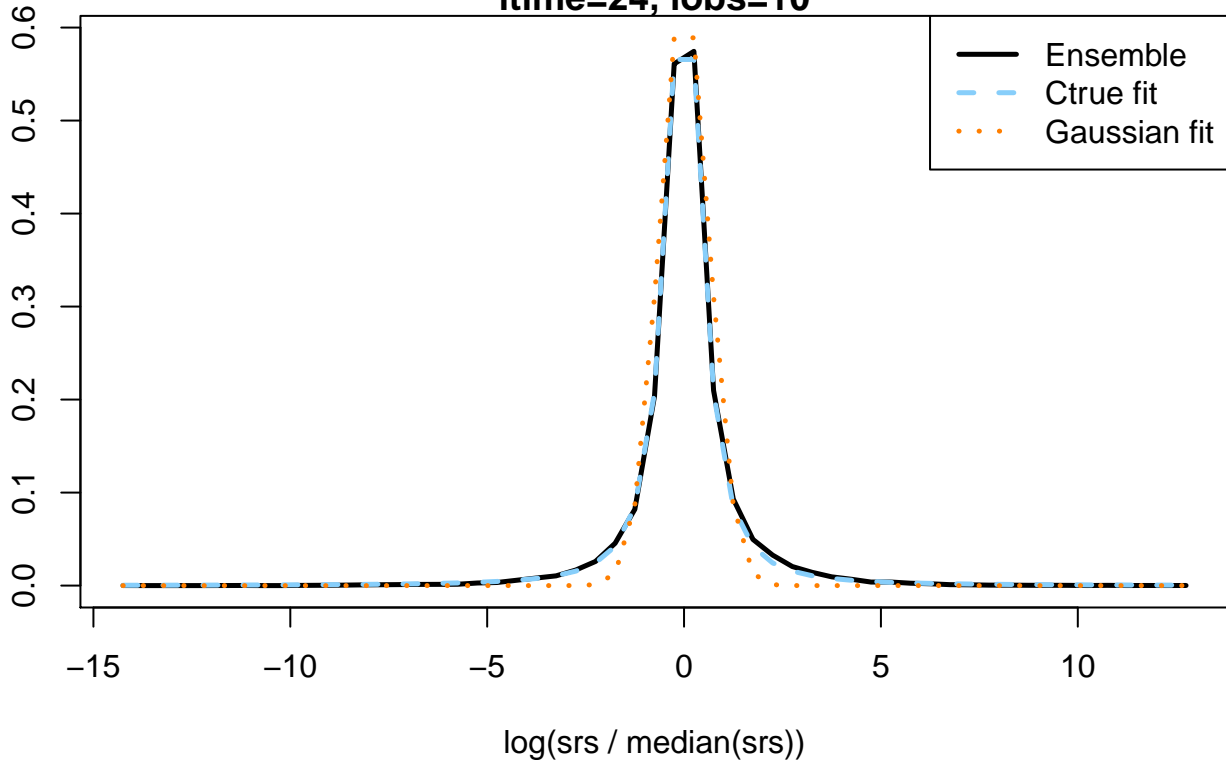
itime=23, iobs=9

density



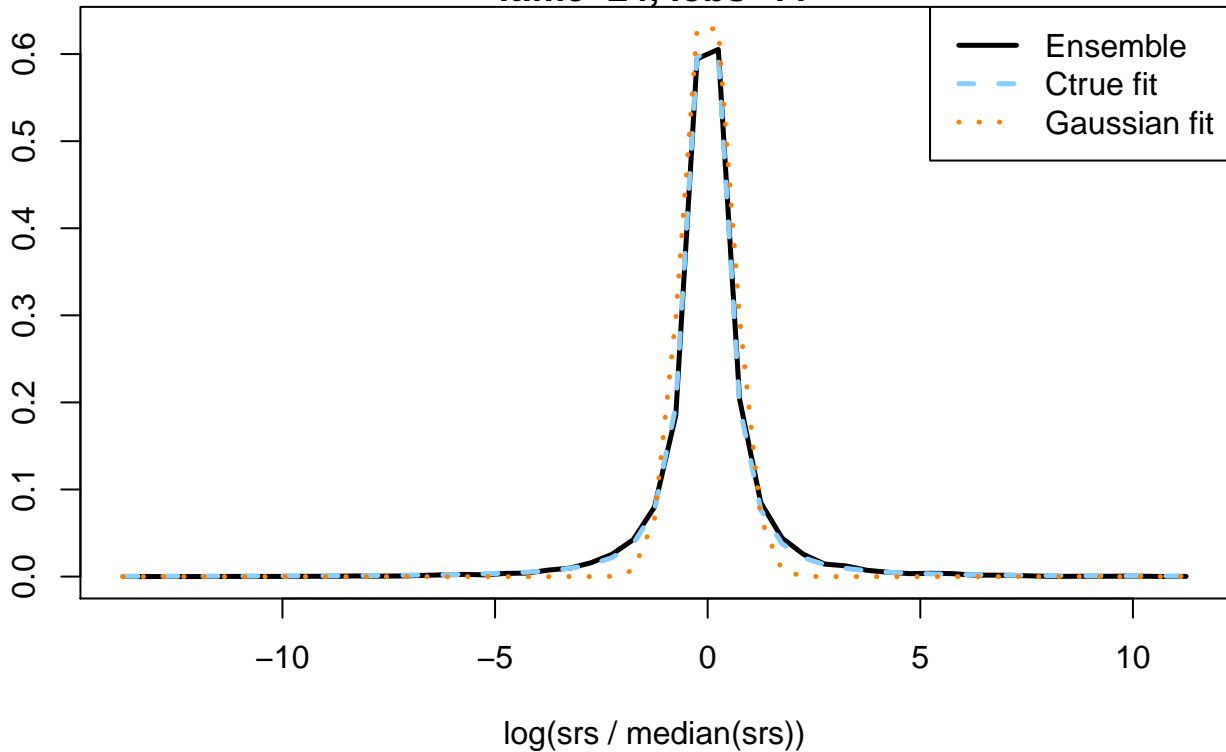
itime=24, iobs=10

density



itime=24, iobs=11

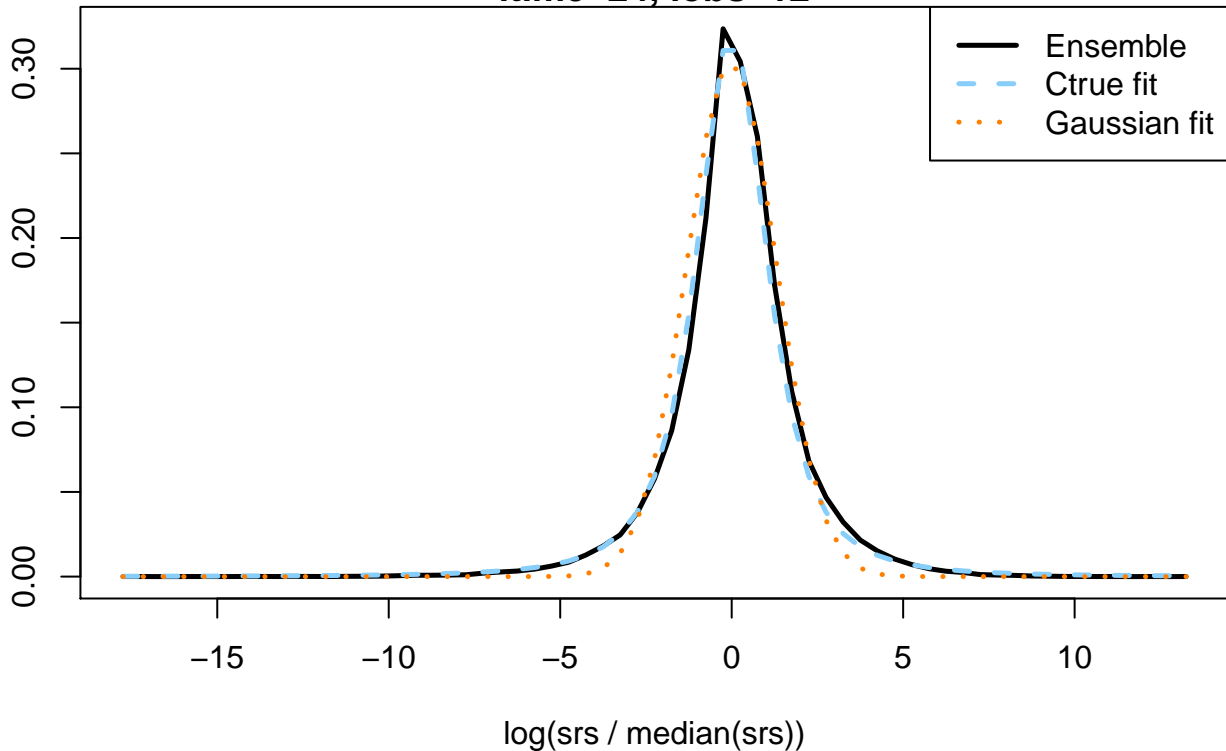
density



— Ensemble
- - Ctrue fit
... Gaussian fit

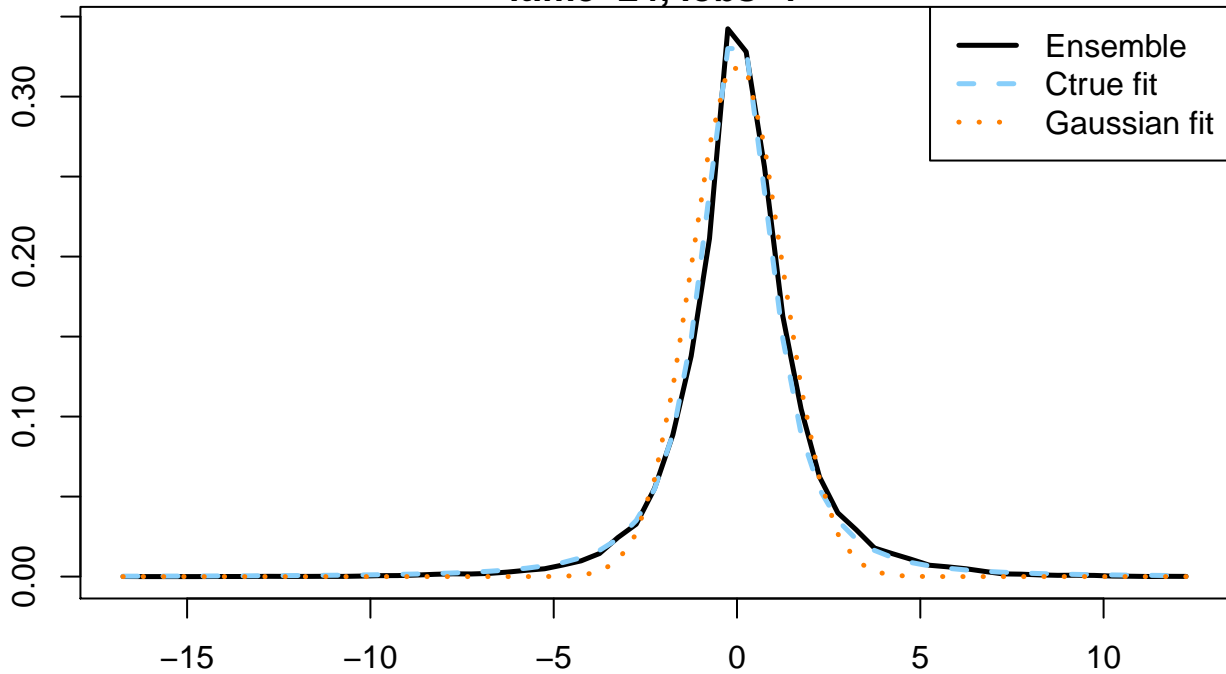
itime=24, iobs=12

density



itime=24, iobs=1

density

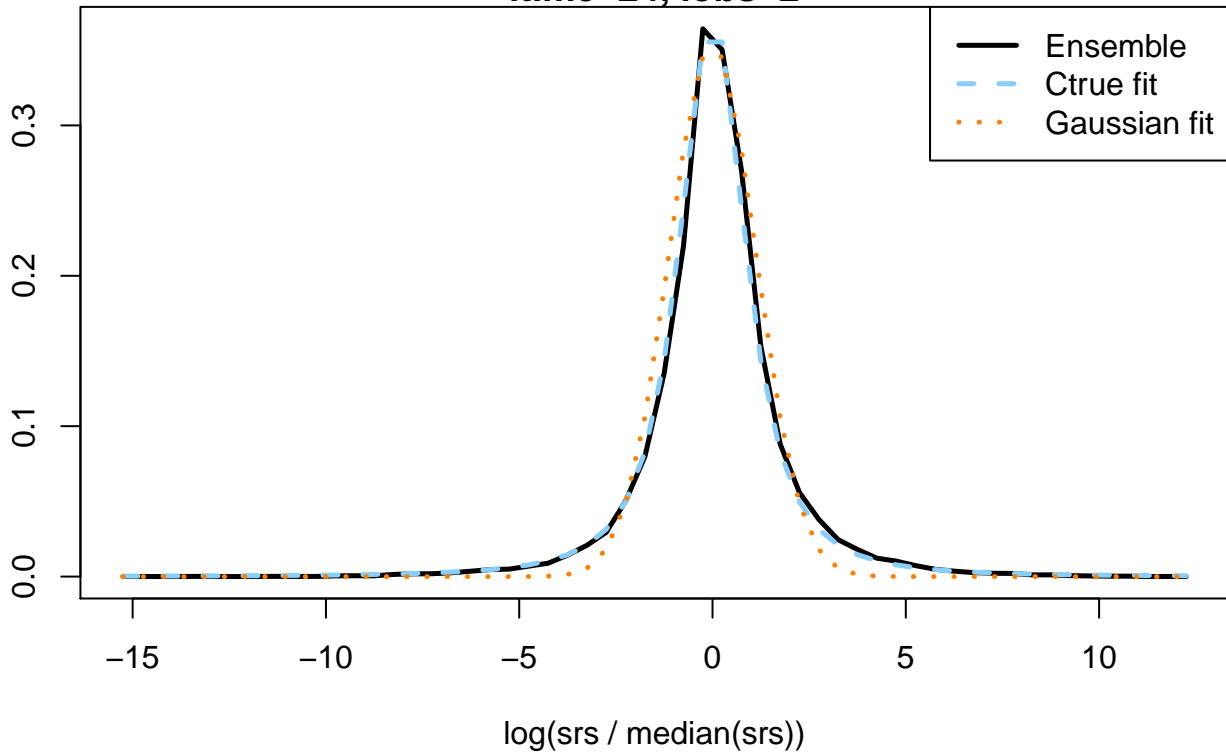


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

itime=24, iobs=2

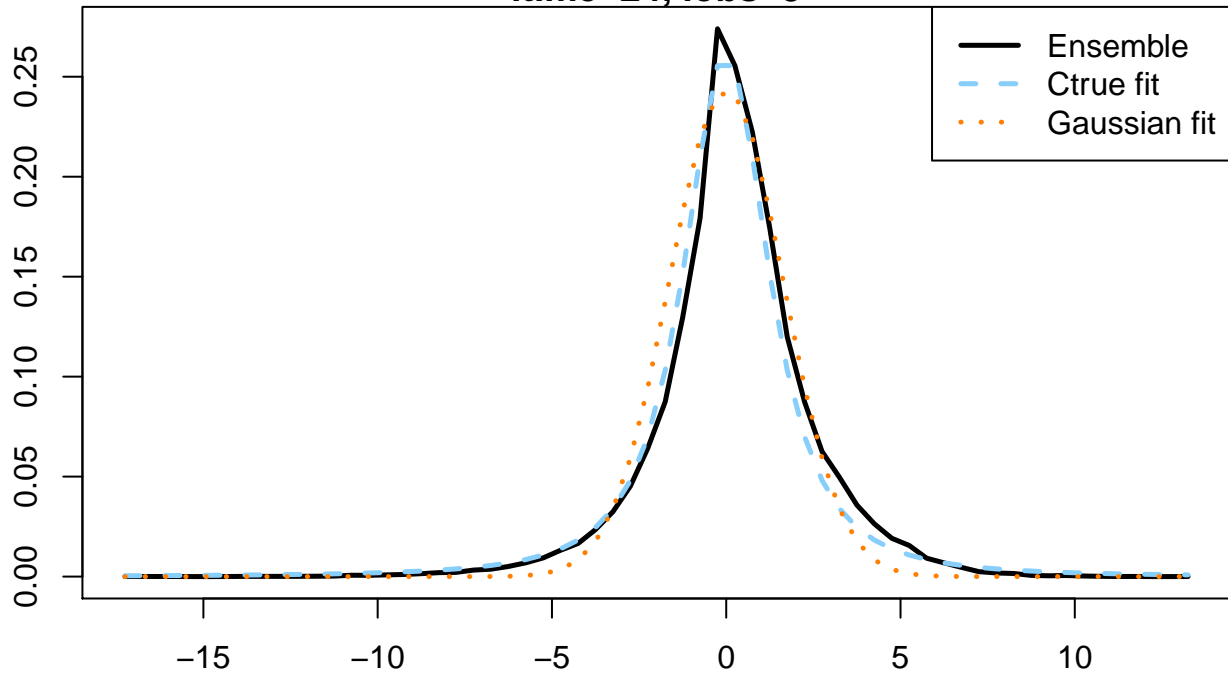
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=24, iobs=3

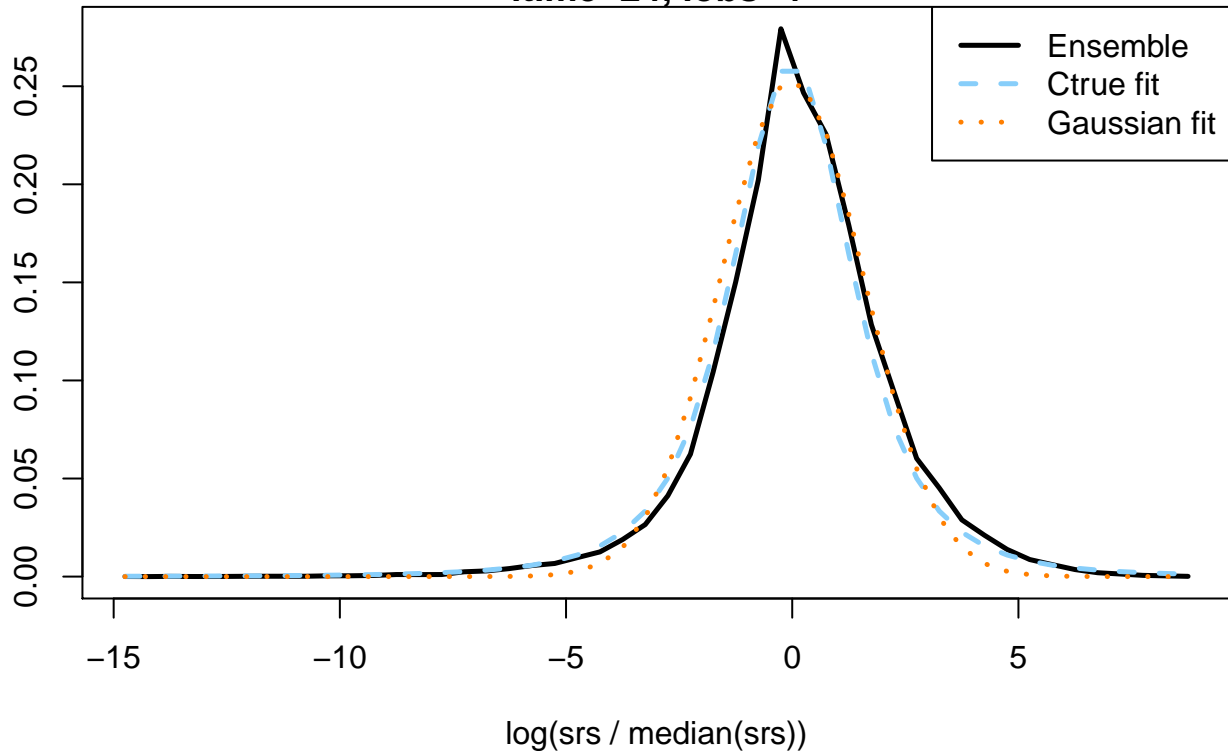
density



log(srs / median(srs))

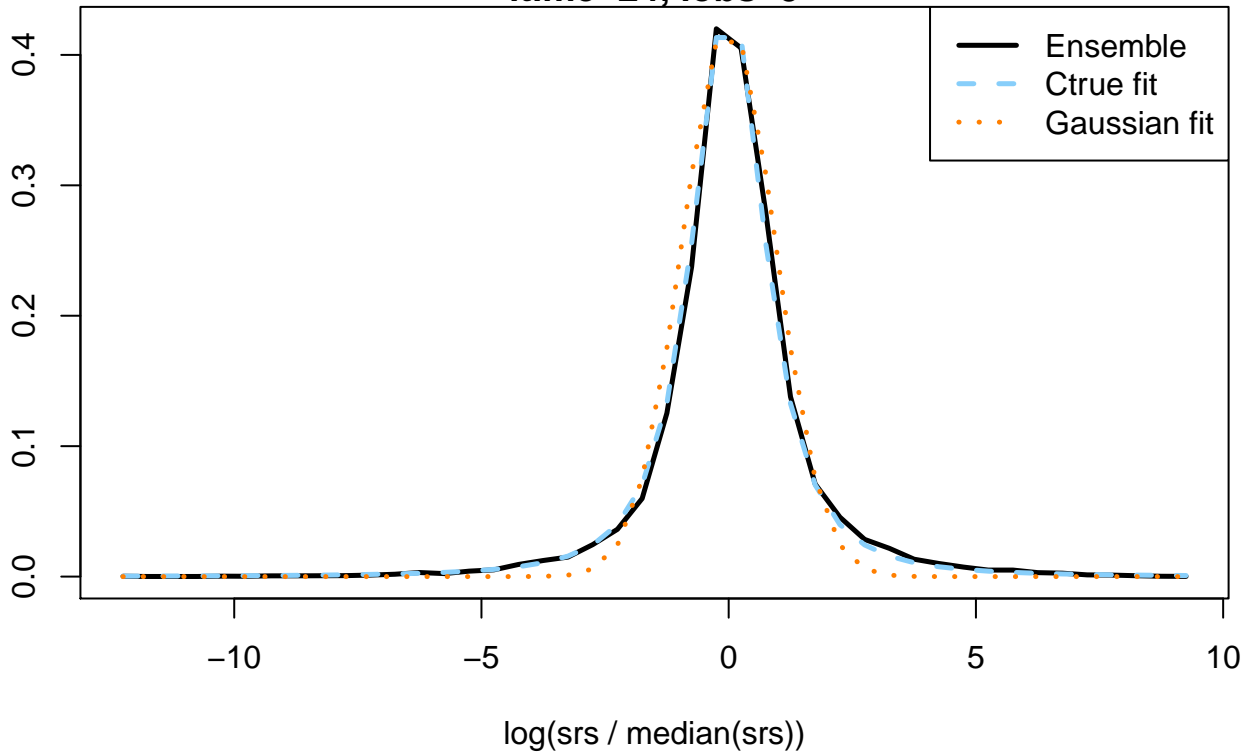
itime=24, iobs=4

density



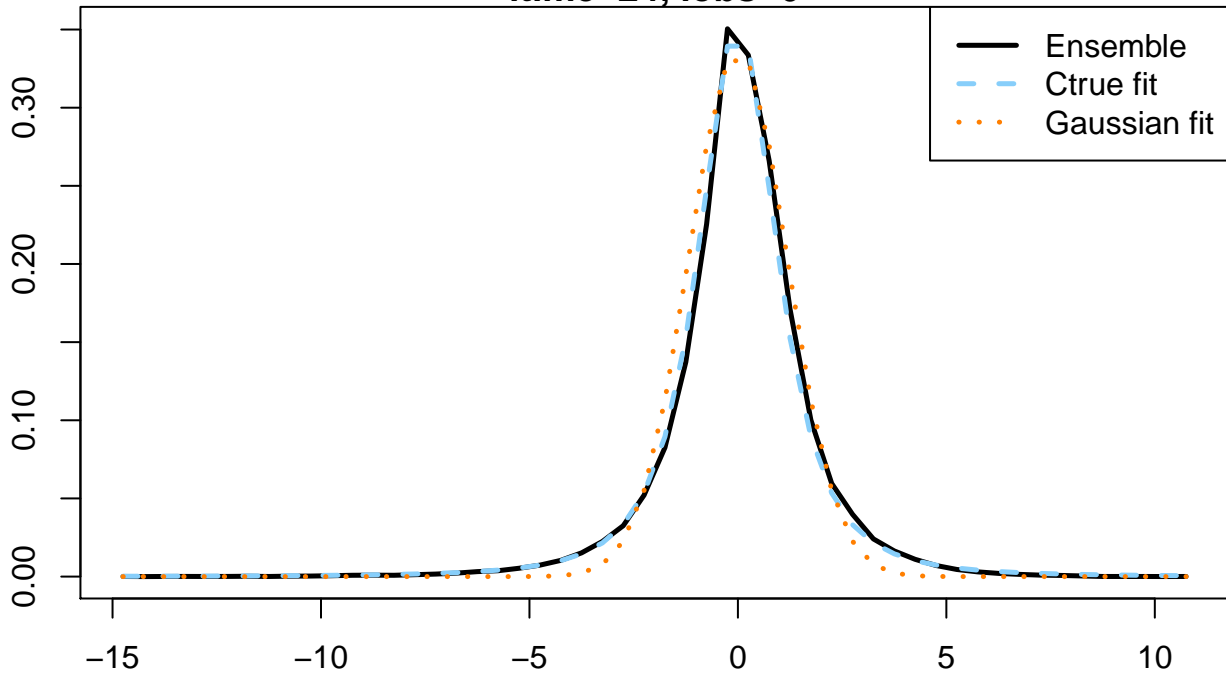
itime=24, iobs=5

density



itime=24, iobs=6

density

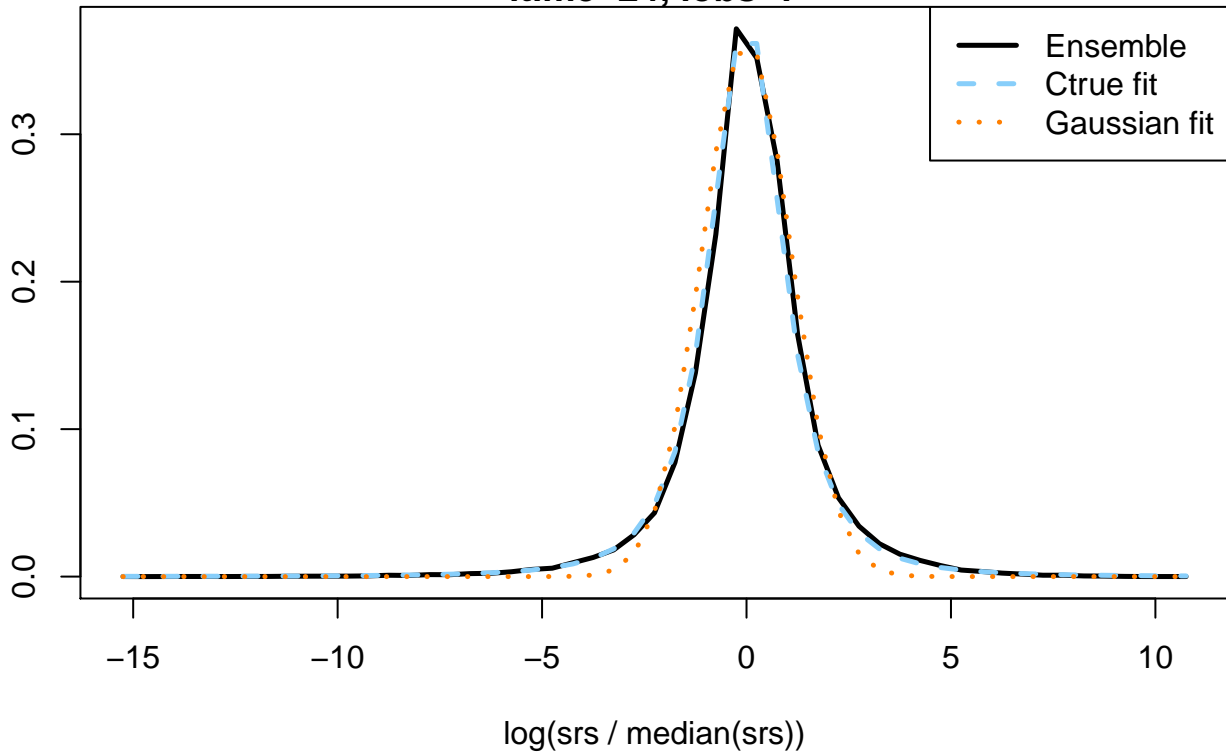


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

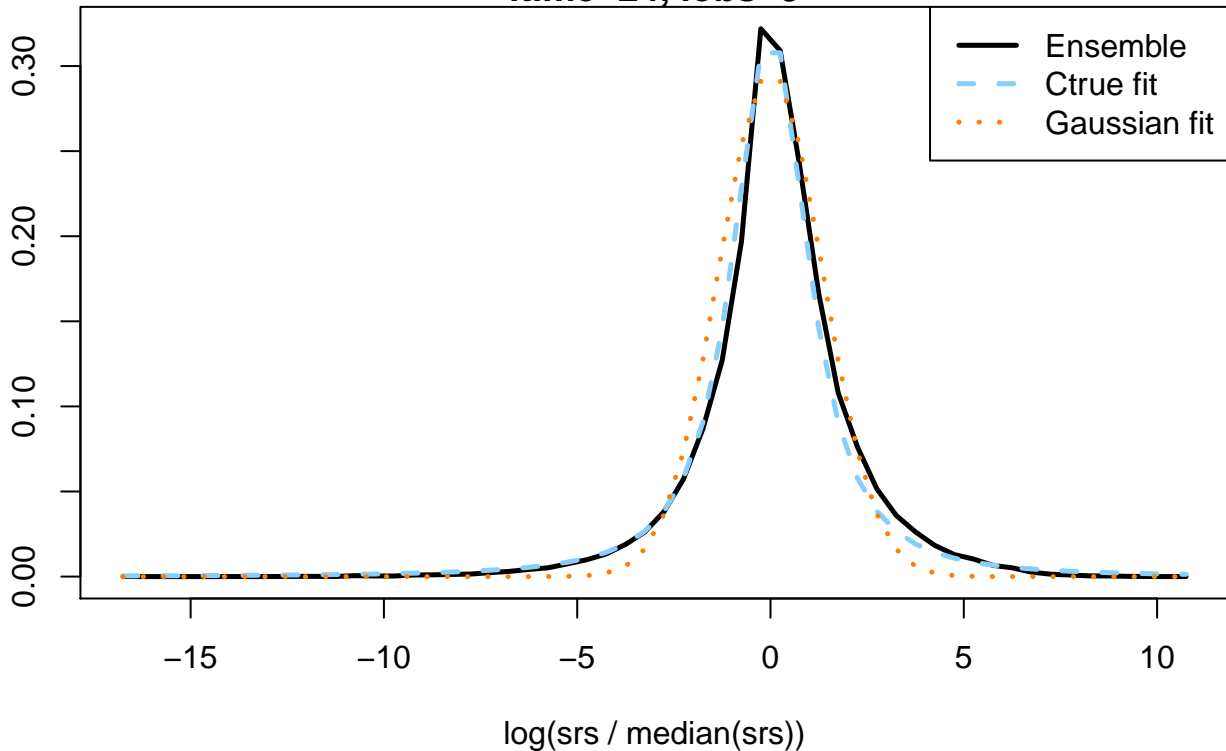
itime=24, iobs=7

density



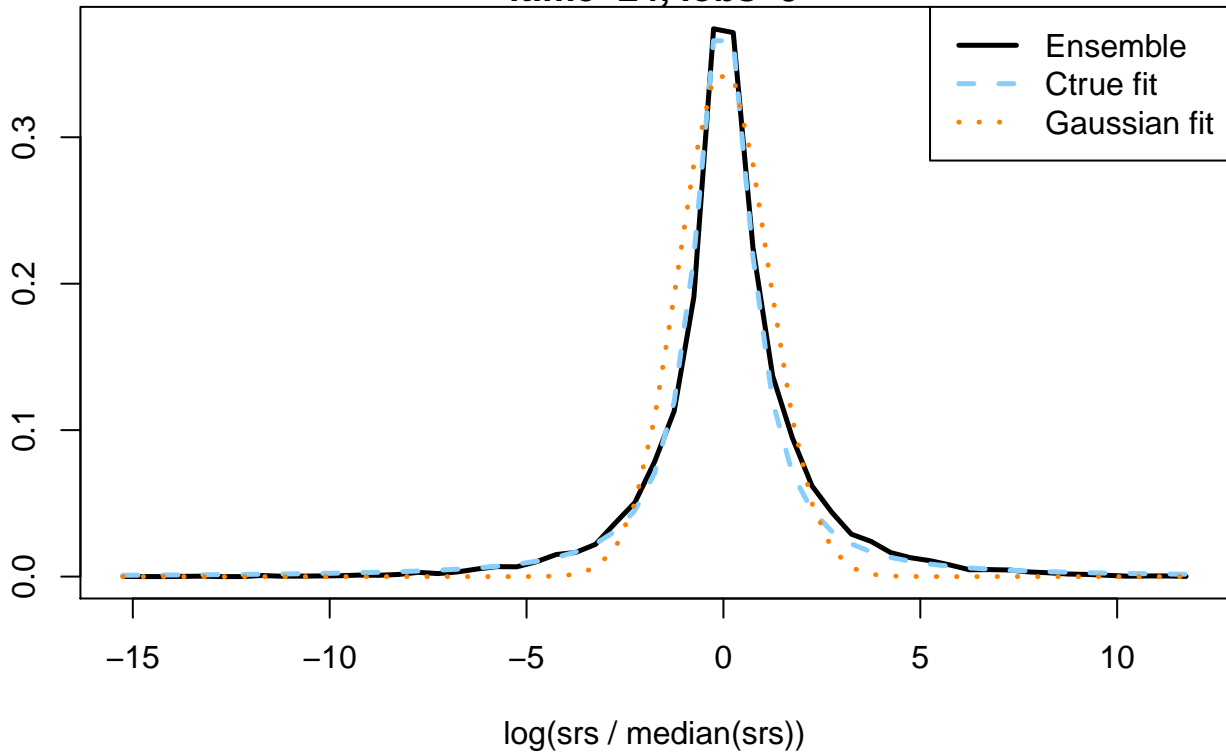
itime=24, iobs=8

density



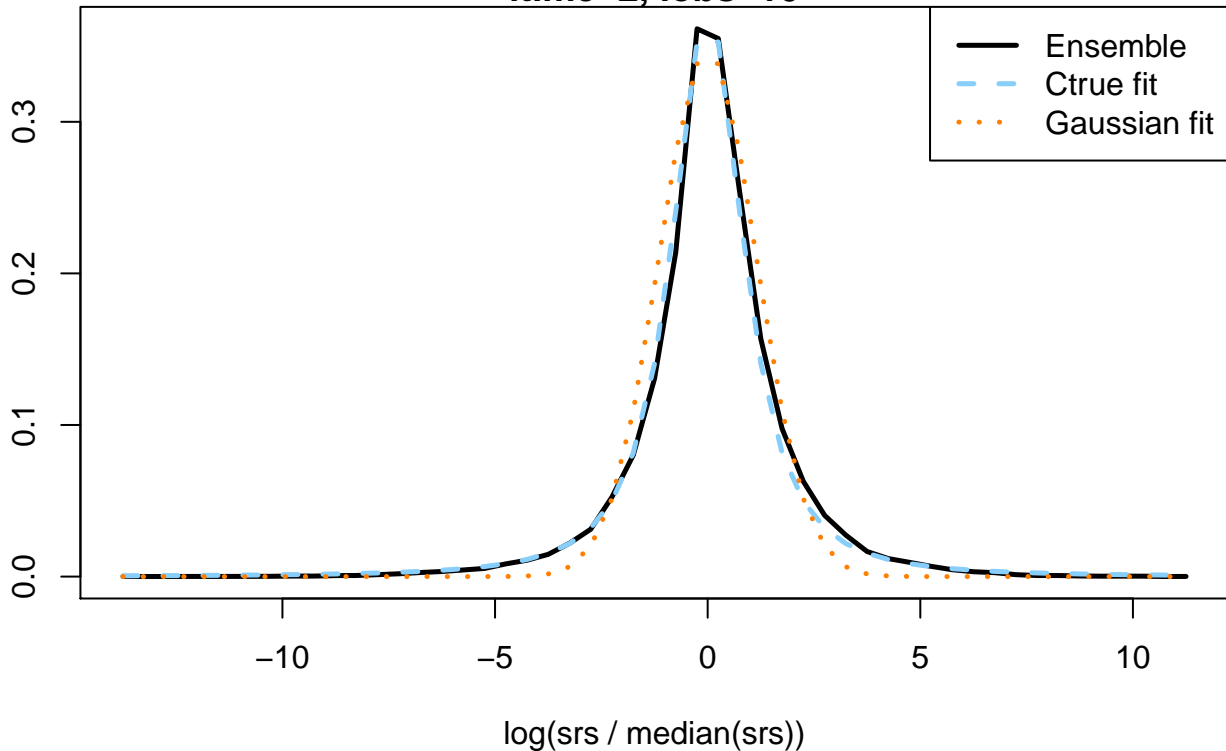
itime=24, iobs=9

density



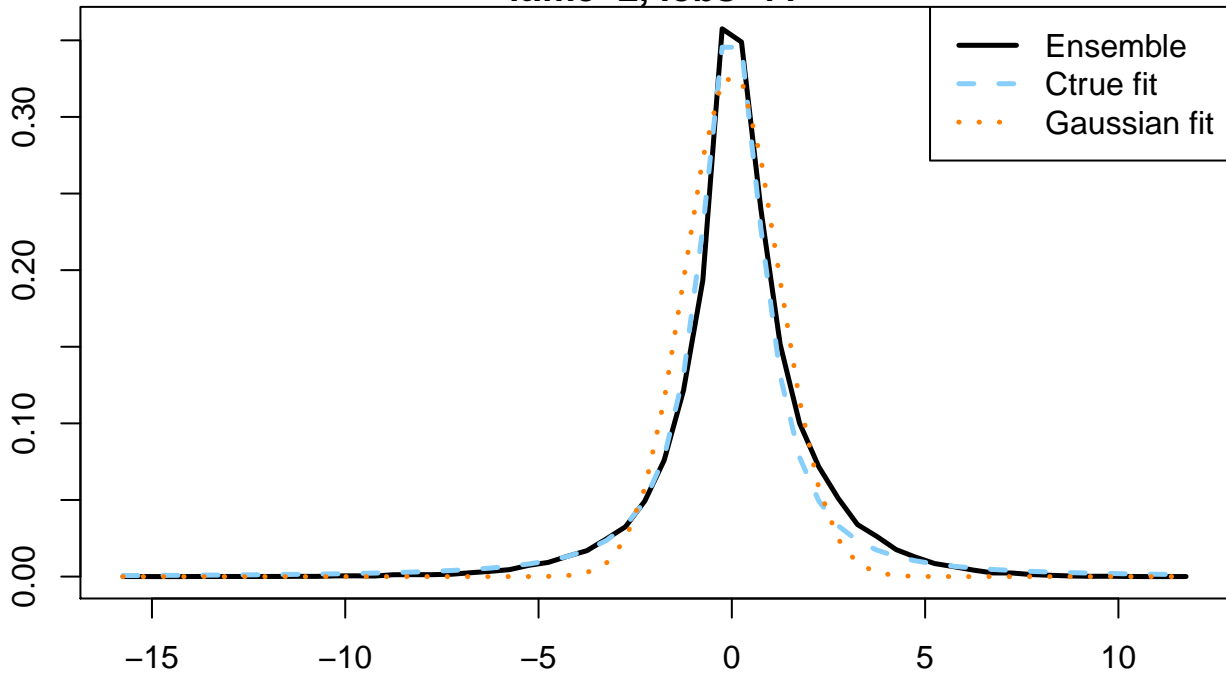
itime=2, iobs=10

density



itime=2, iobs=11

density

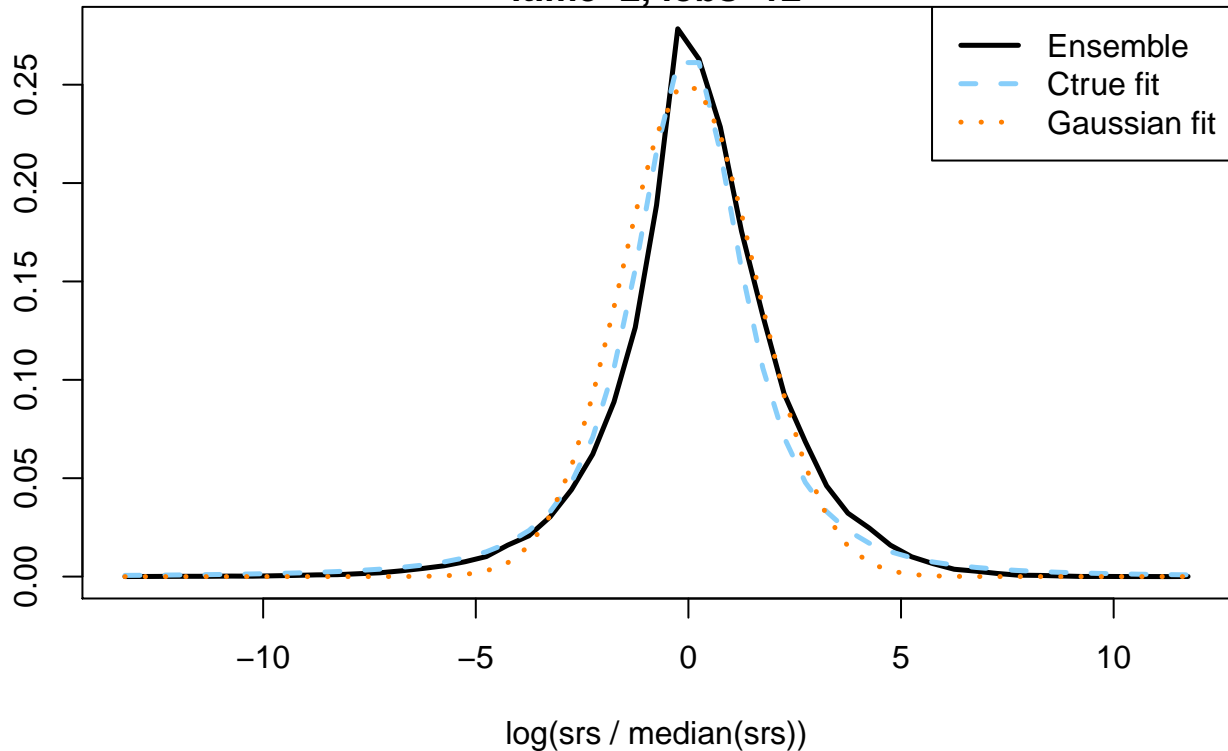


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

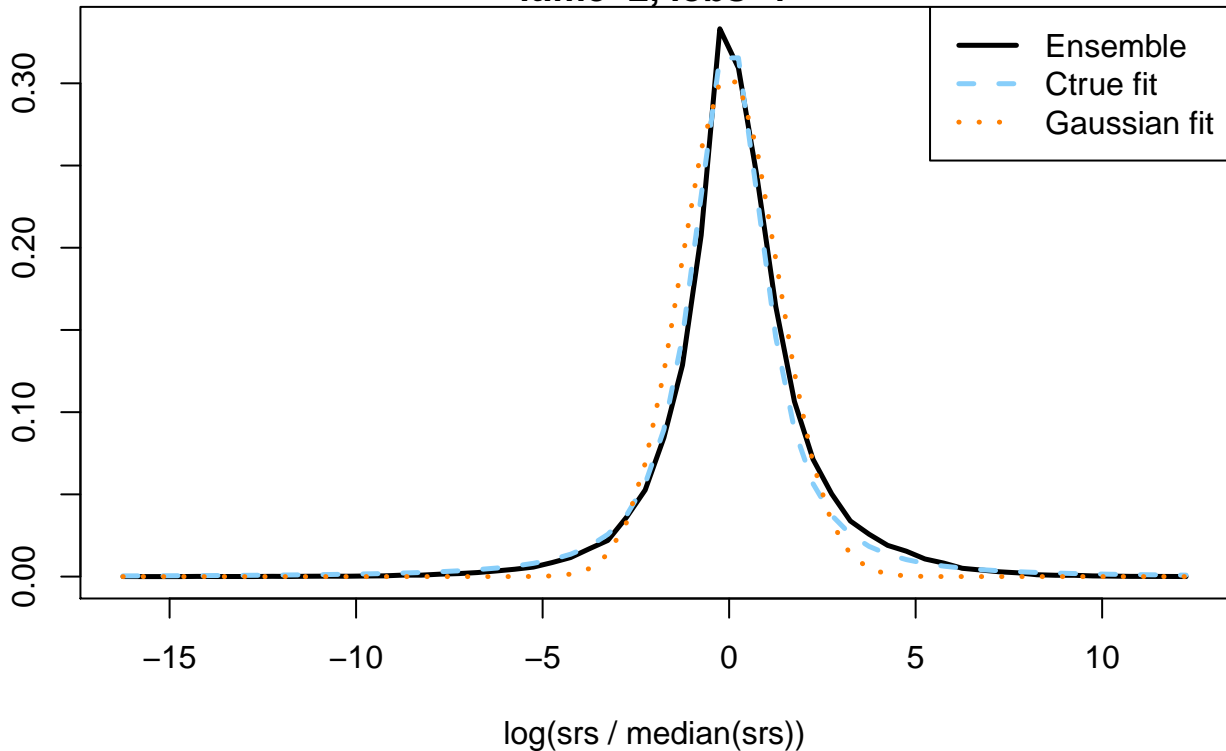
itime=2, iobs=12

density



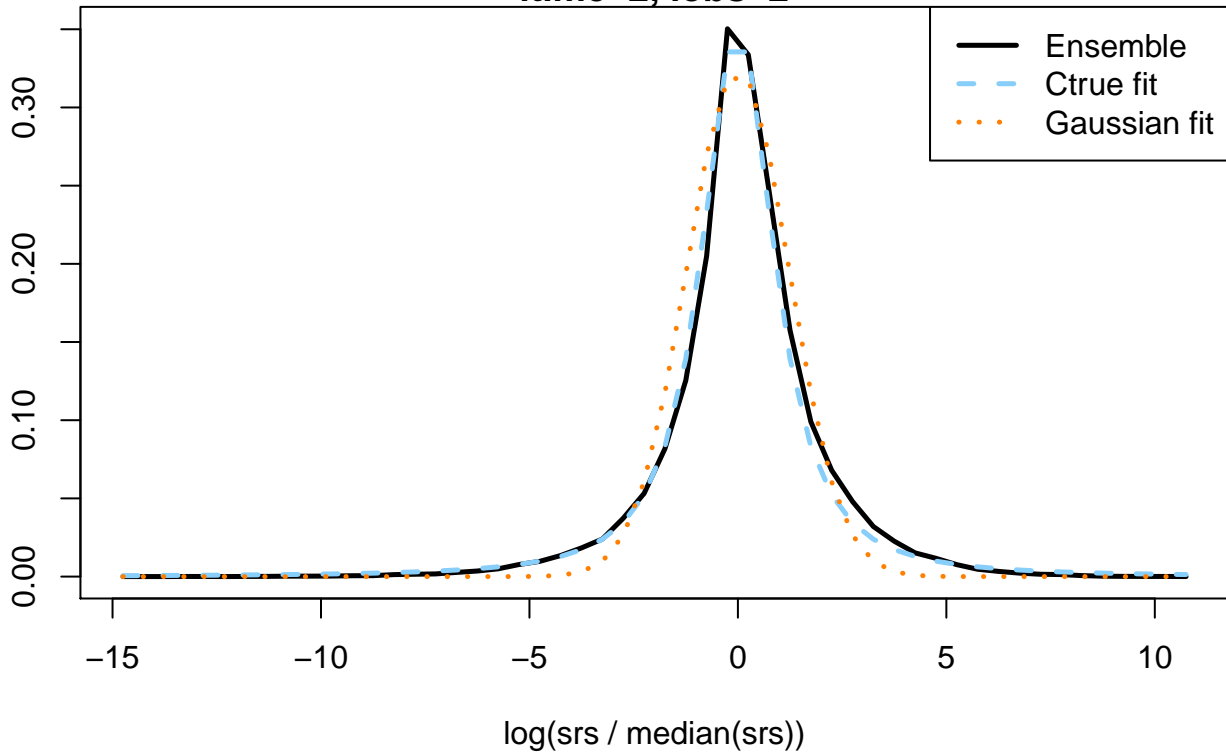
itime=2, iobs=1

density



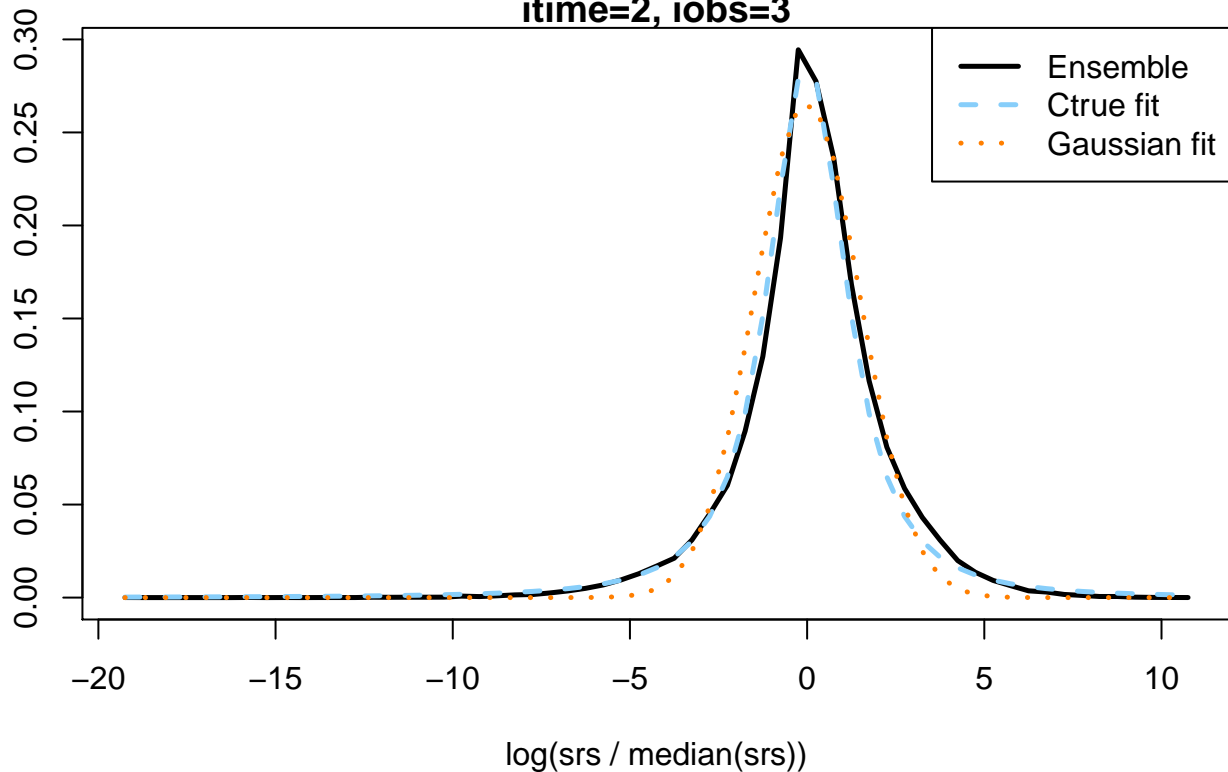
itime=2, iobs=2

density



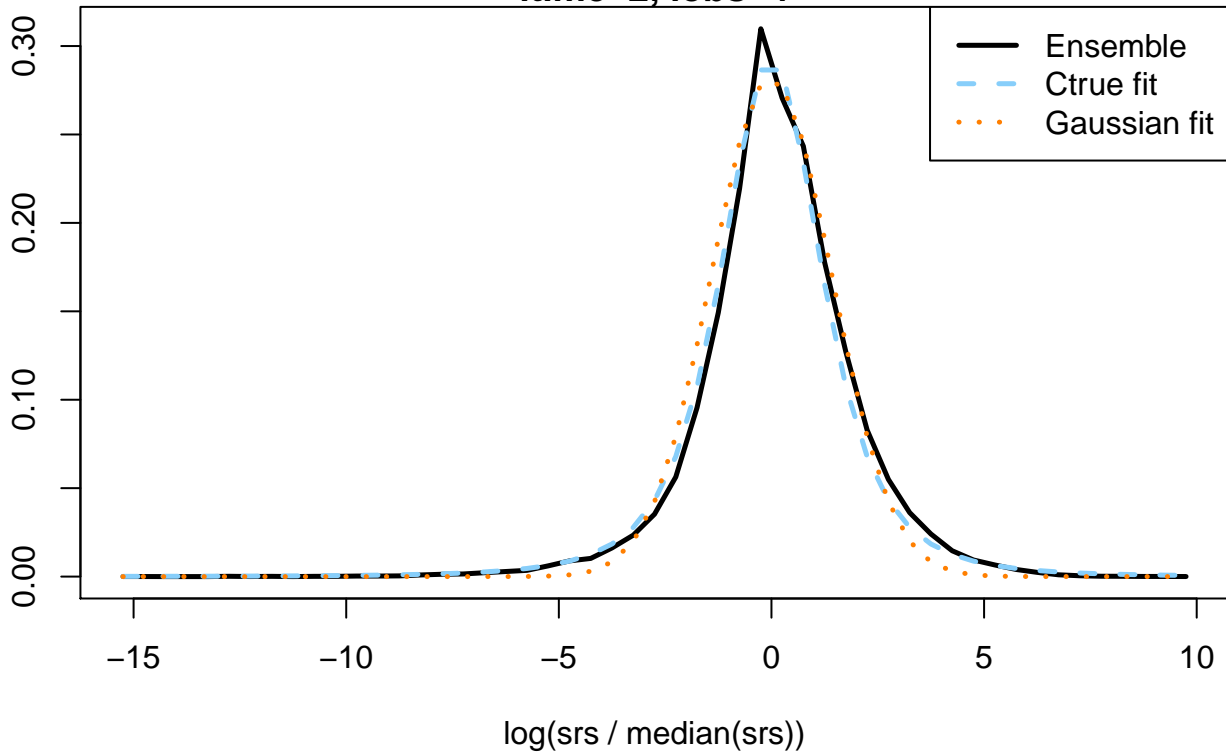
itime=2, iobs=3

density

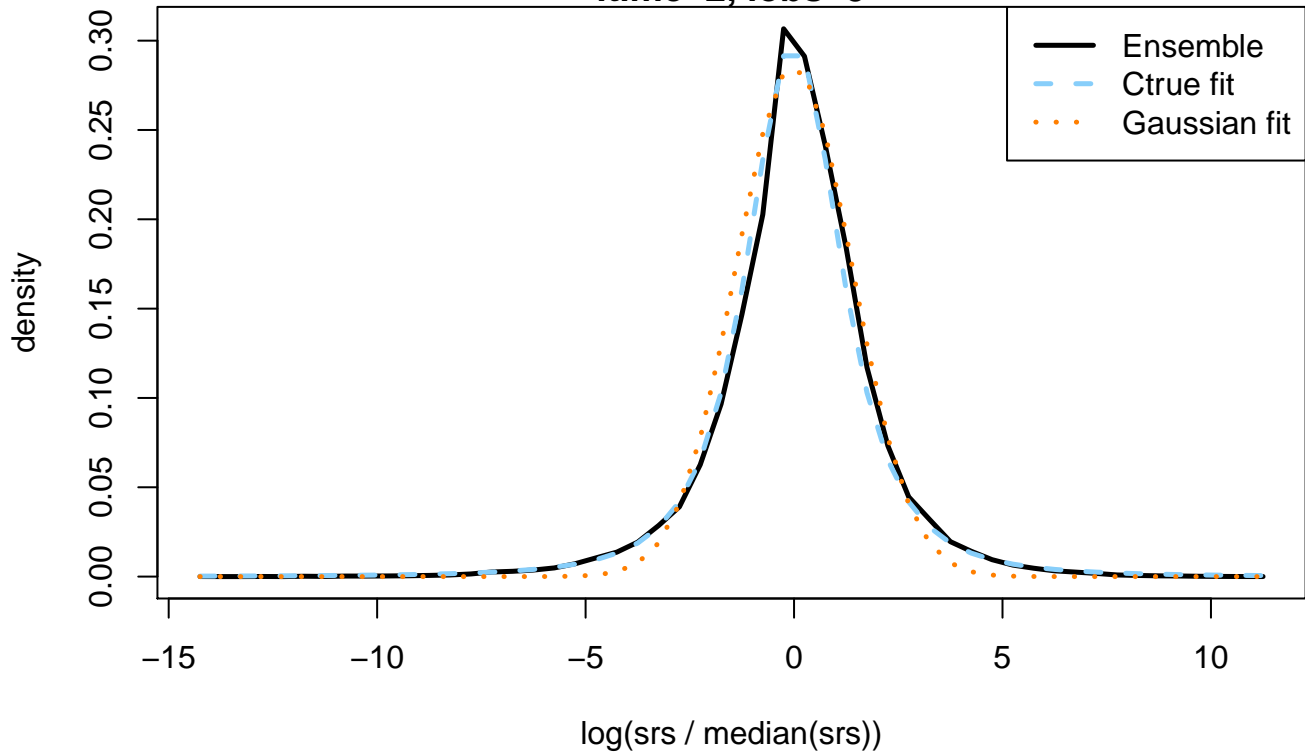


itime=2, iobs=4

density

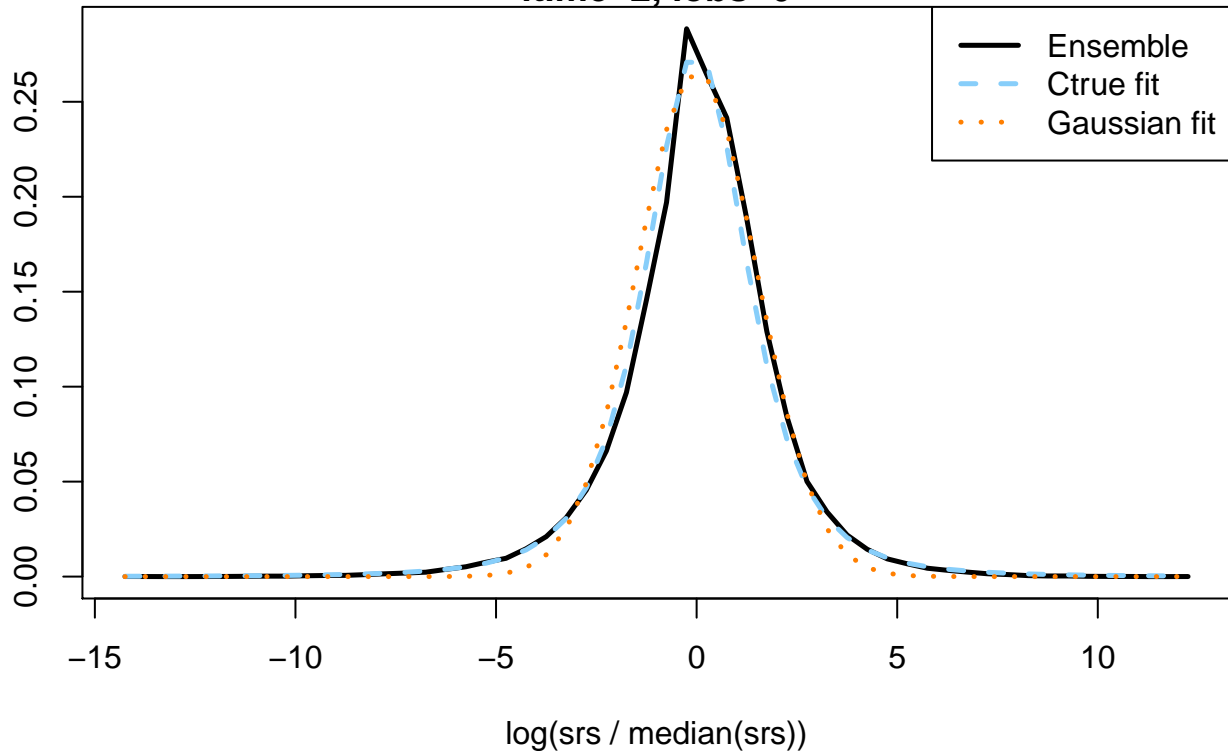


itime=2, iobs=5



itime=2, iobs=6

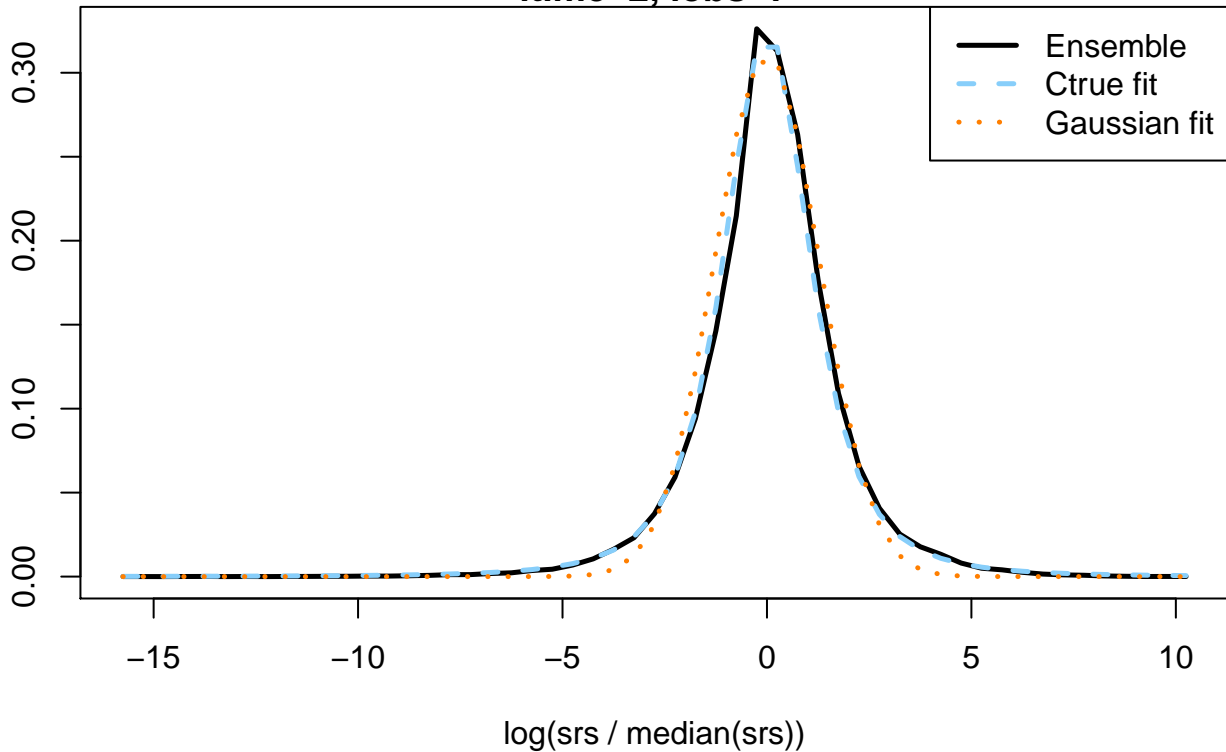
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=2, iobs=7

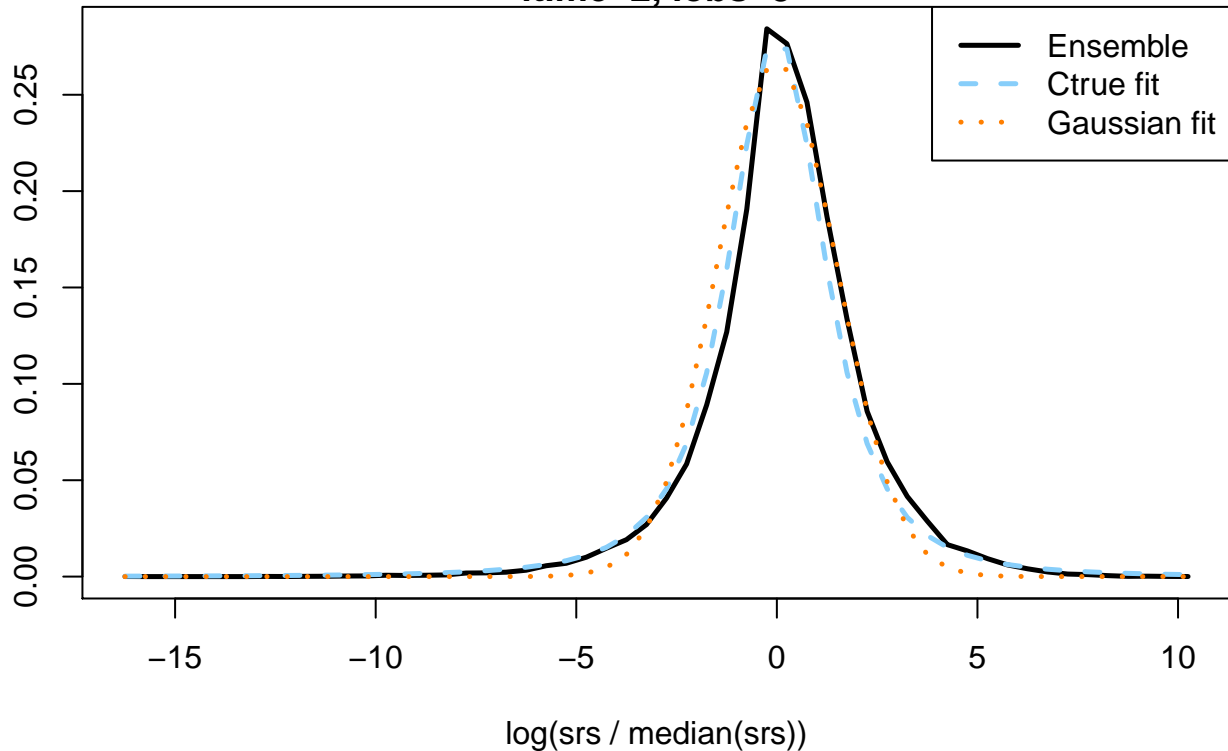
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=2, iobs=8

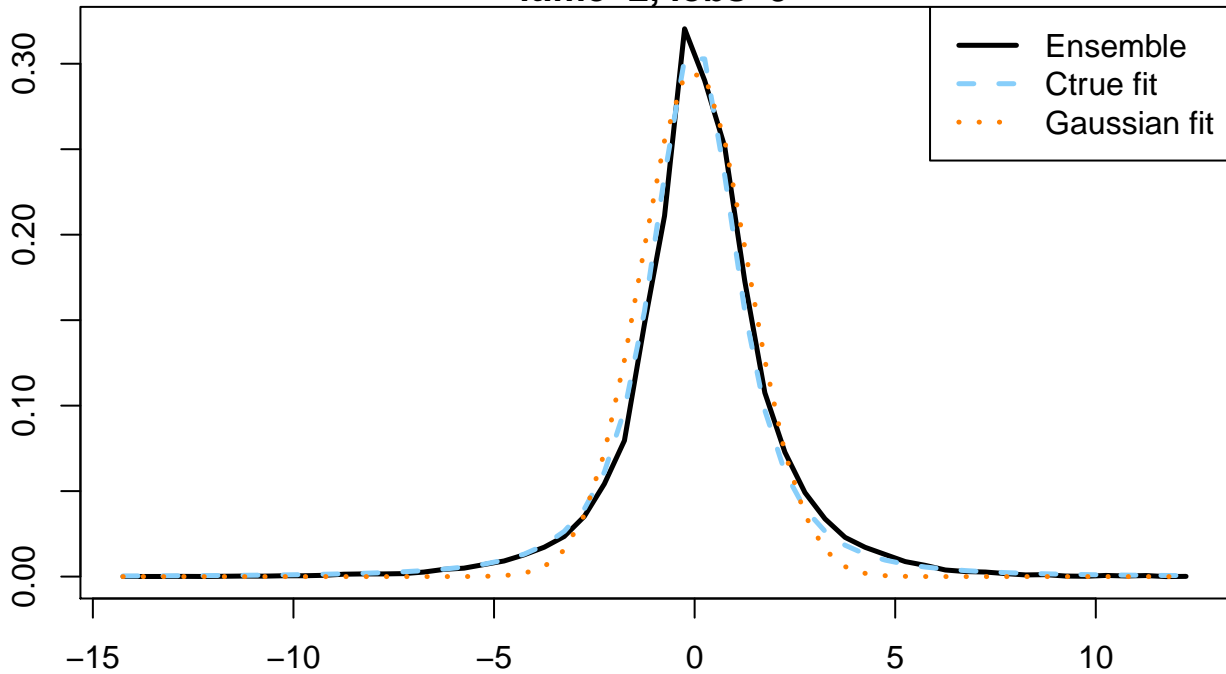
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=2, iobs=9

density

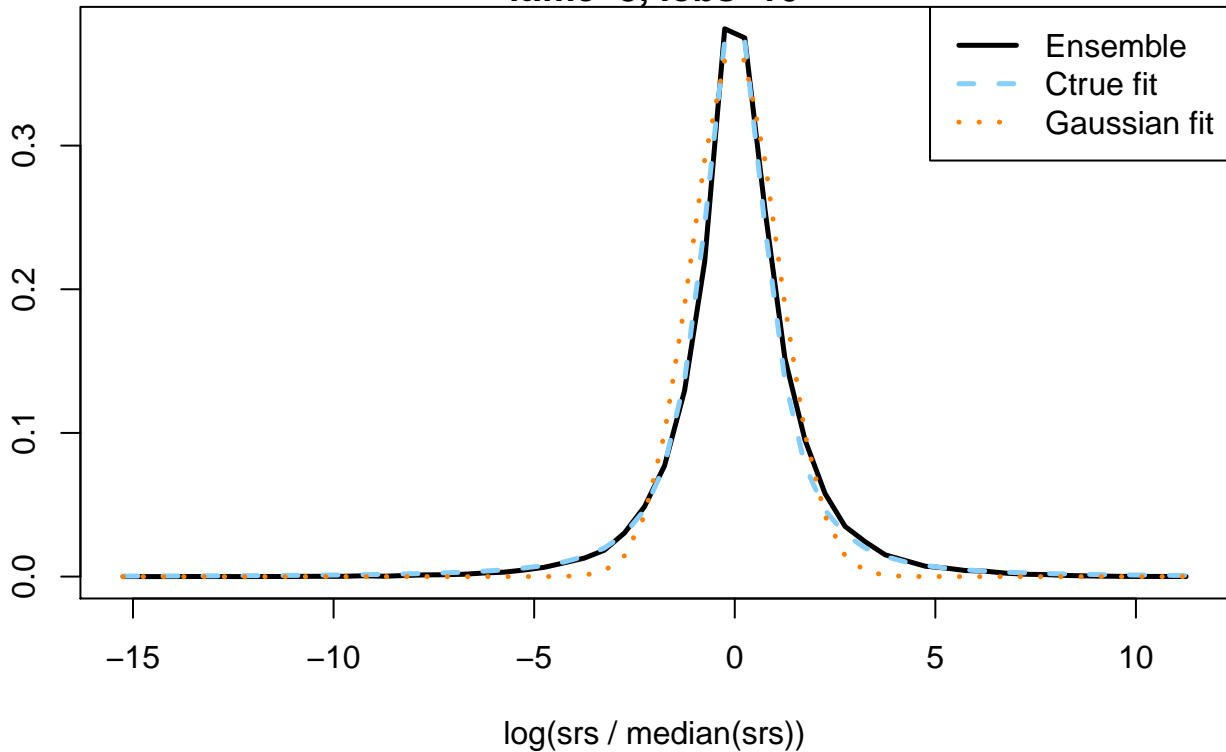


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

itime=3, iobs=10

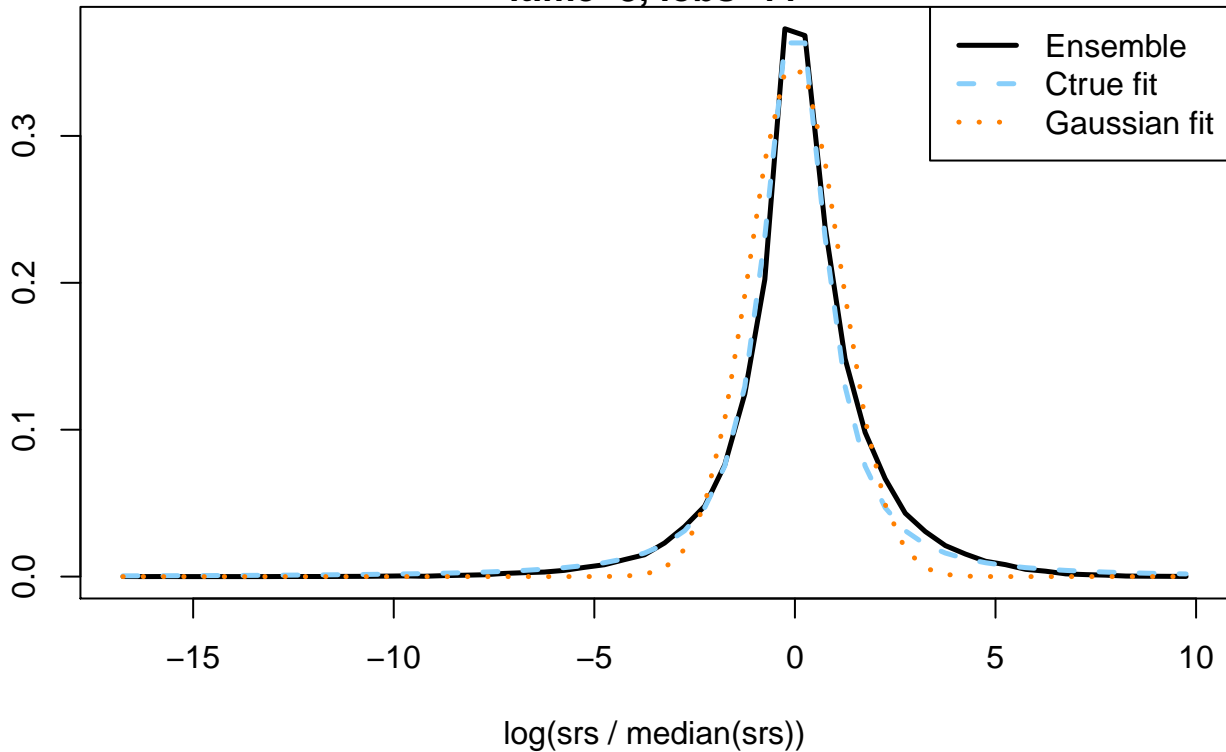
density



— Ensemble
- - Ctrue fit
... Gaussian fit

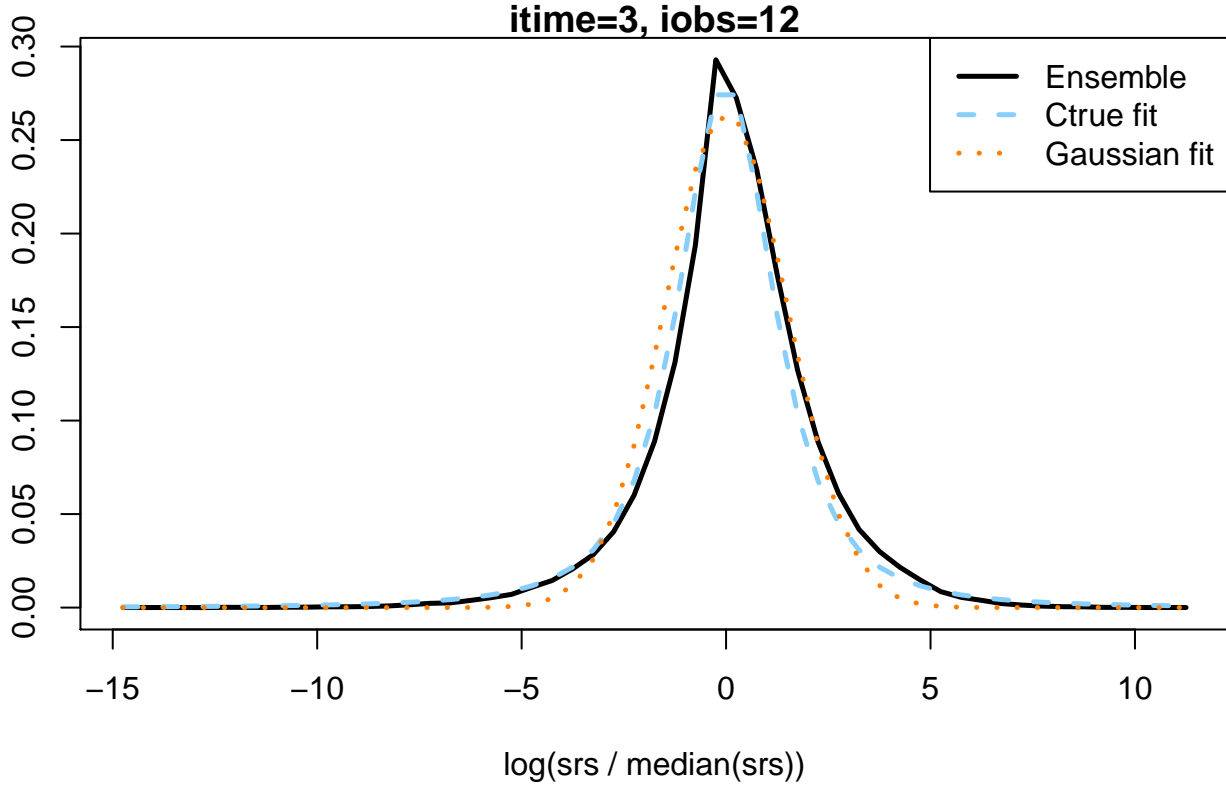
itime=3, iobs=11

density



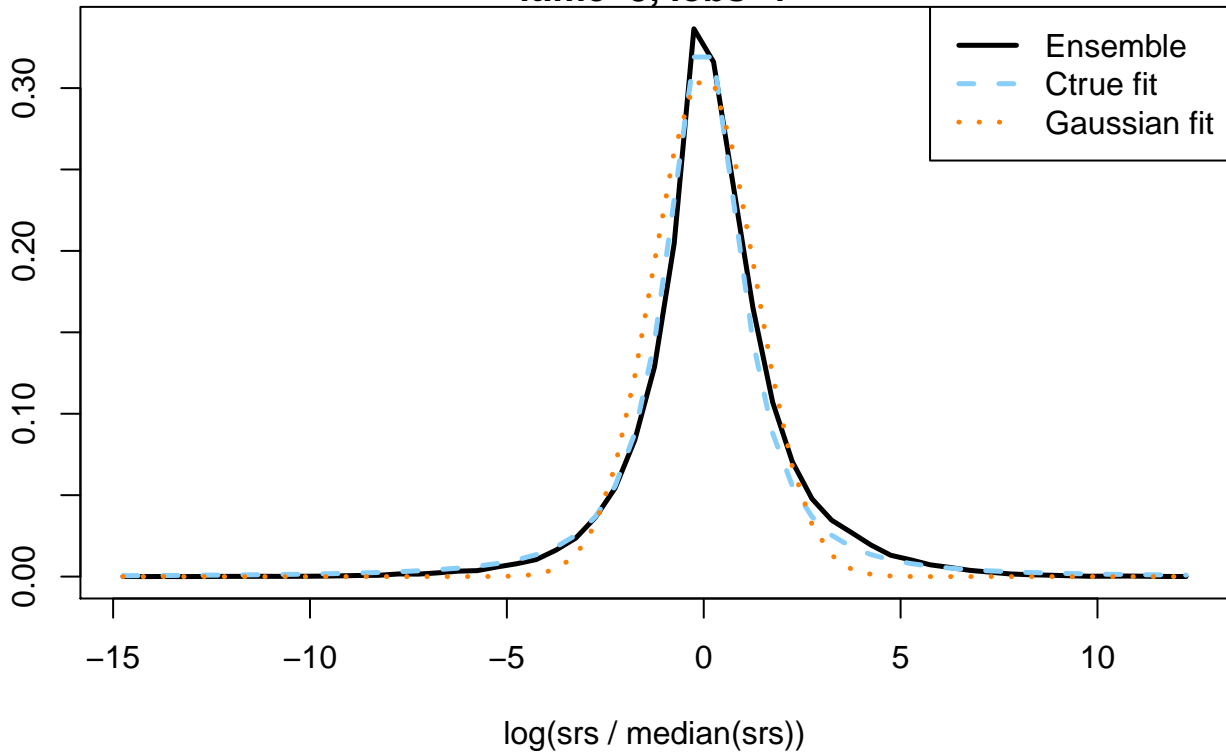
itime=3, iobs=12

density



itime=3, iobs=1

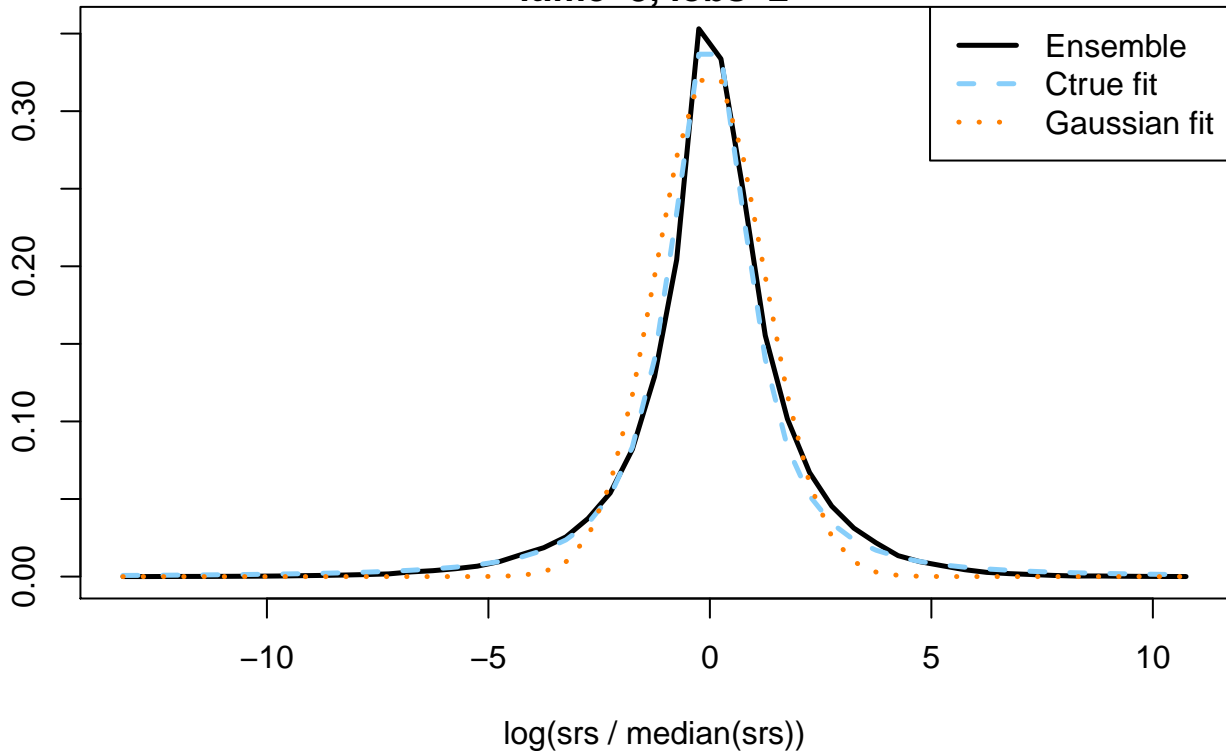
density



— Ensemble
- - Ctrue fit
... Gaussian fit

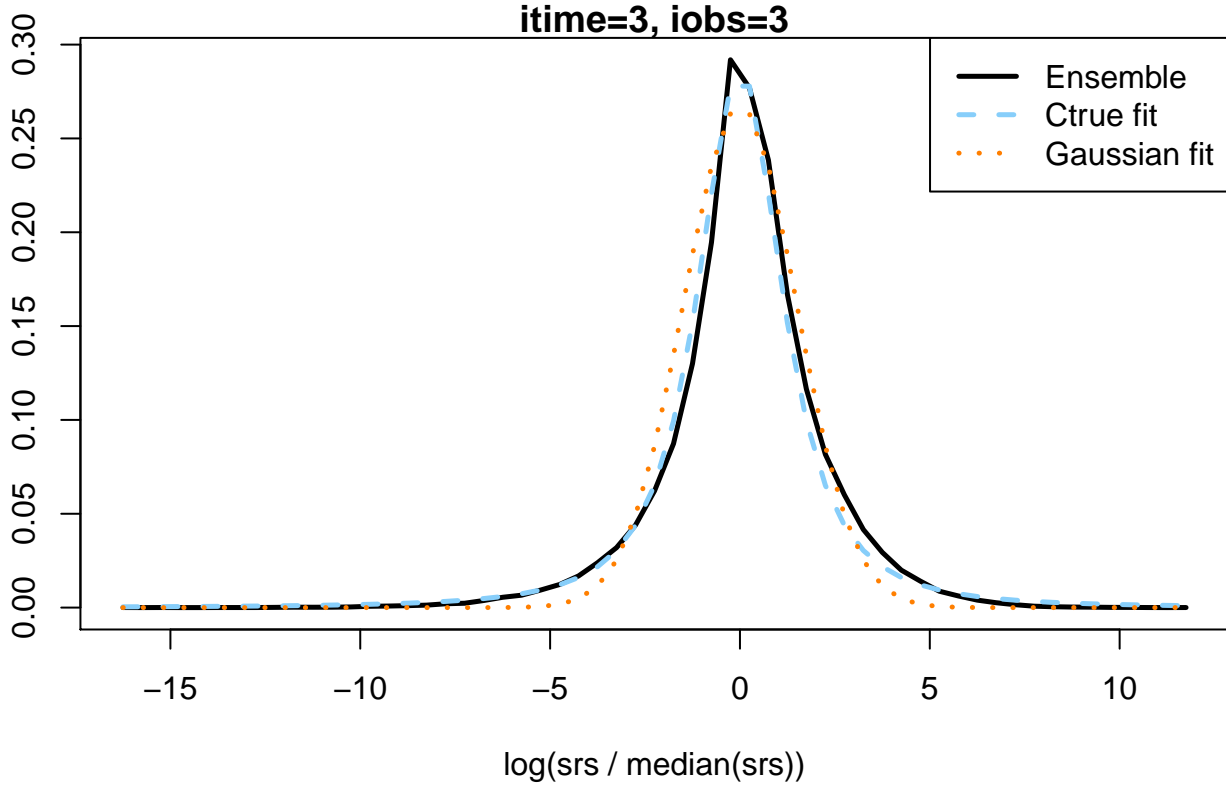
itime=3, iobs=2

density



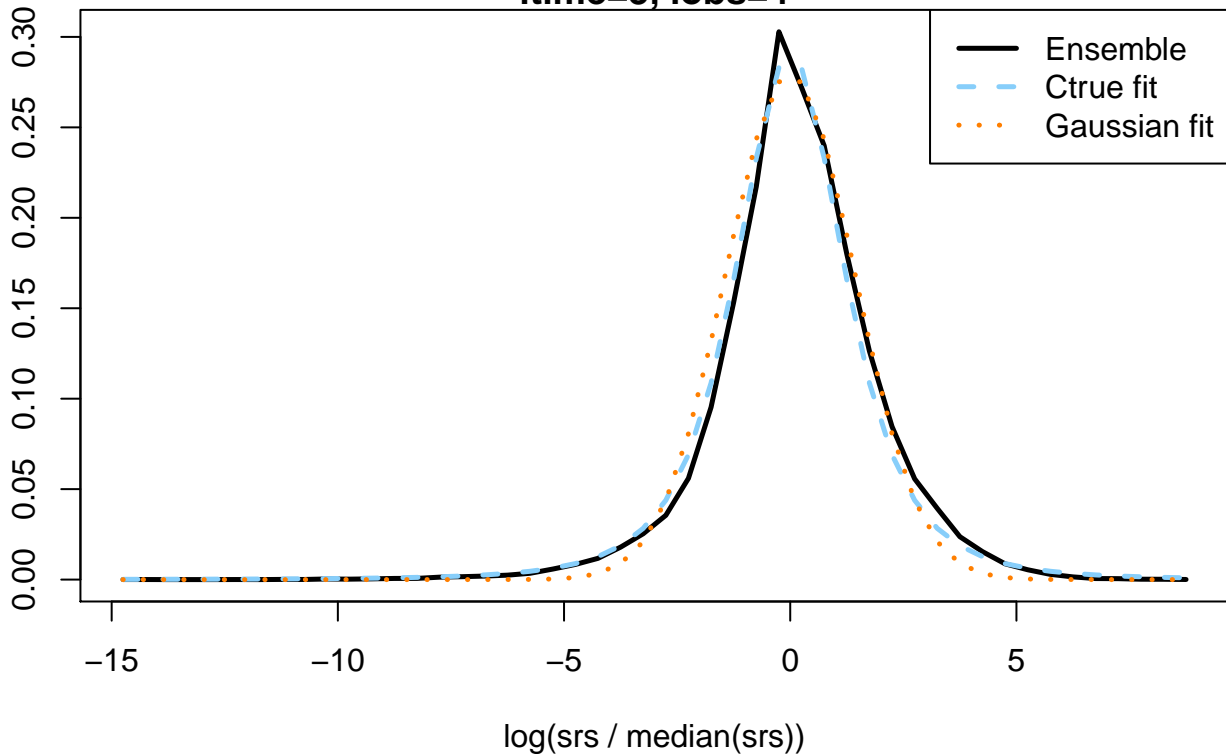
itime=3, iobs=3

density



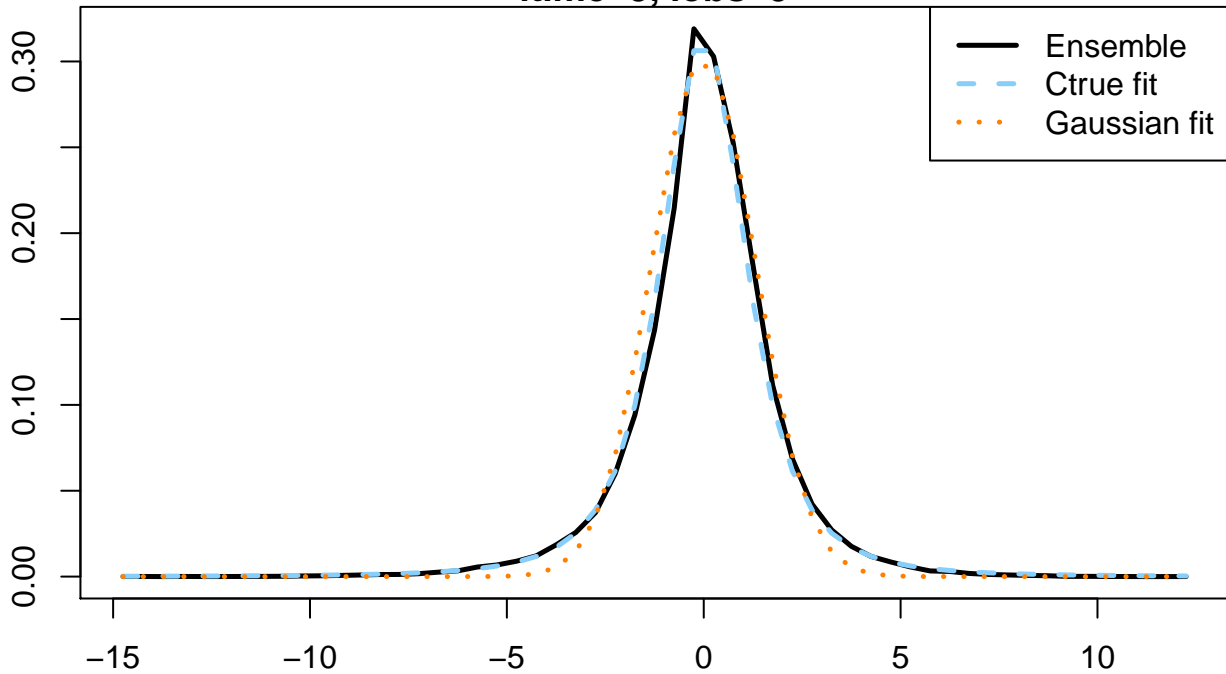
itime=3, iobs=4

density



itime=3, iobs=5

density

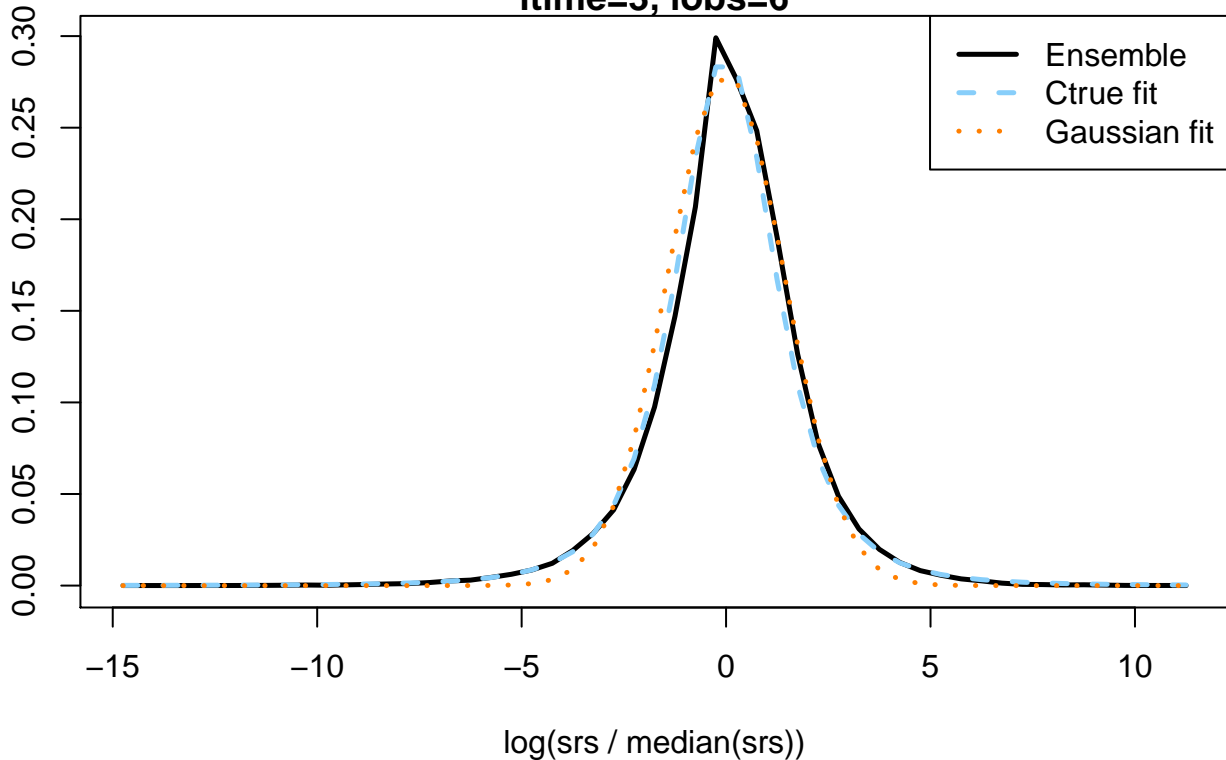


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

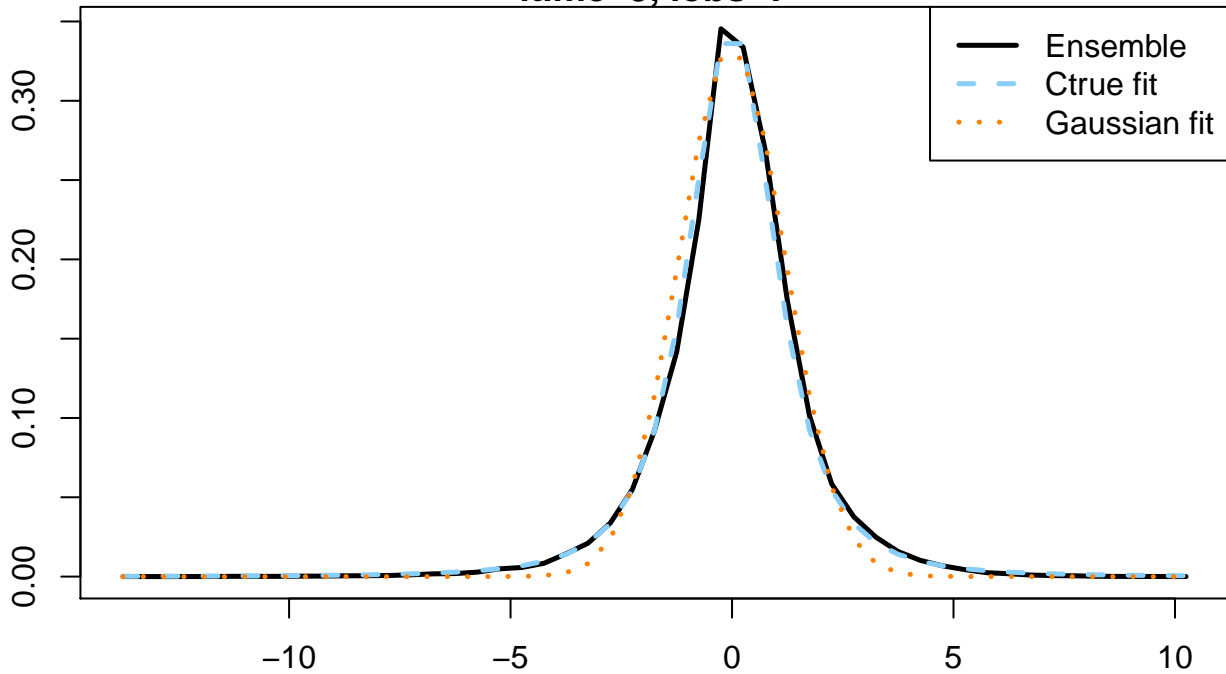
itime=3, iobs=6

density



itime=3, iobs=7

density



— Ensemble
- - Ctrue fit
... Gaussian fit

-10

-5

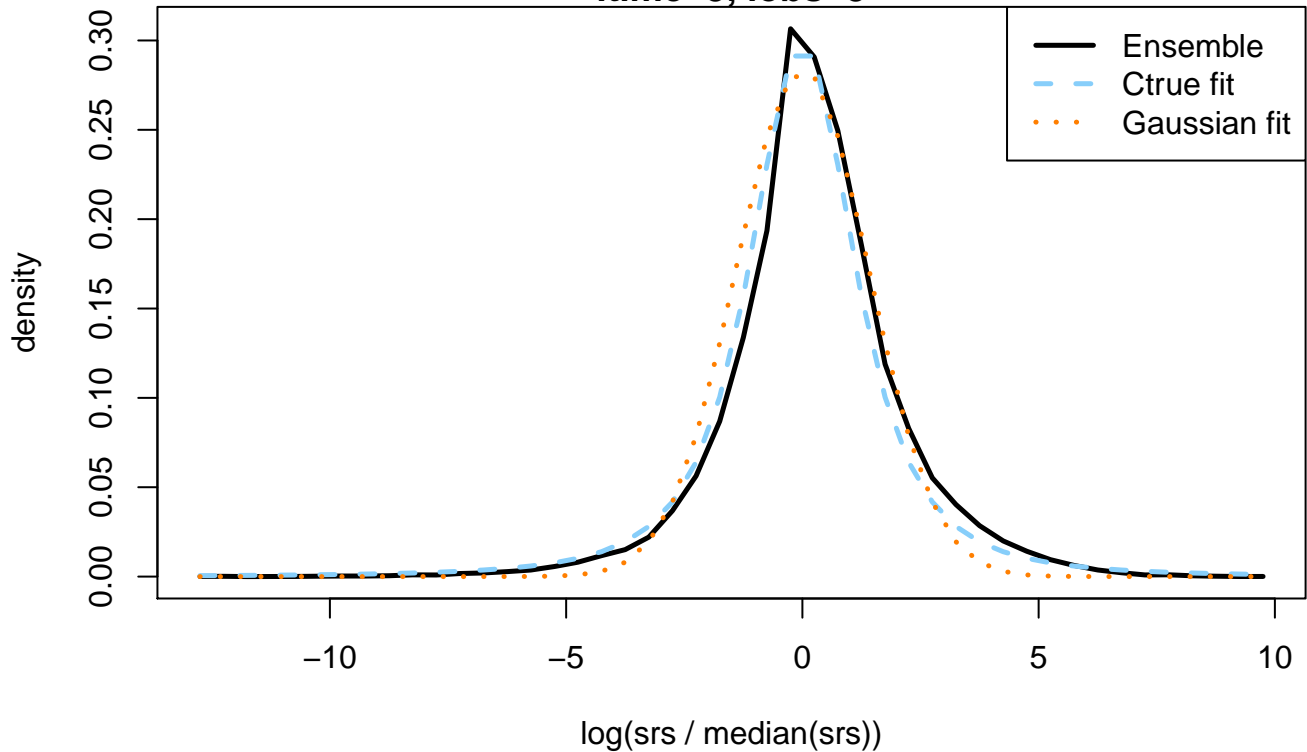
0

5

10

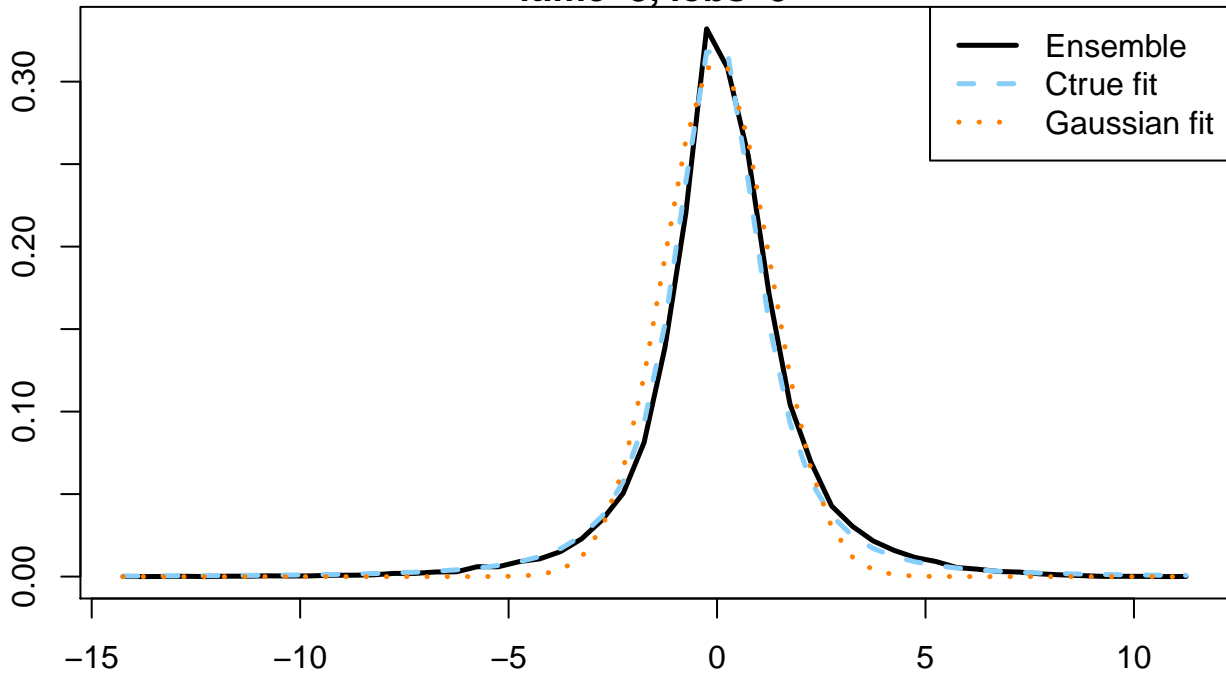
$\log(\text{srs} / \text{median}(\text{srs}))$

itime=3, iobs=8



itime=3, iobs=9

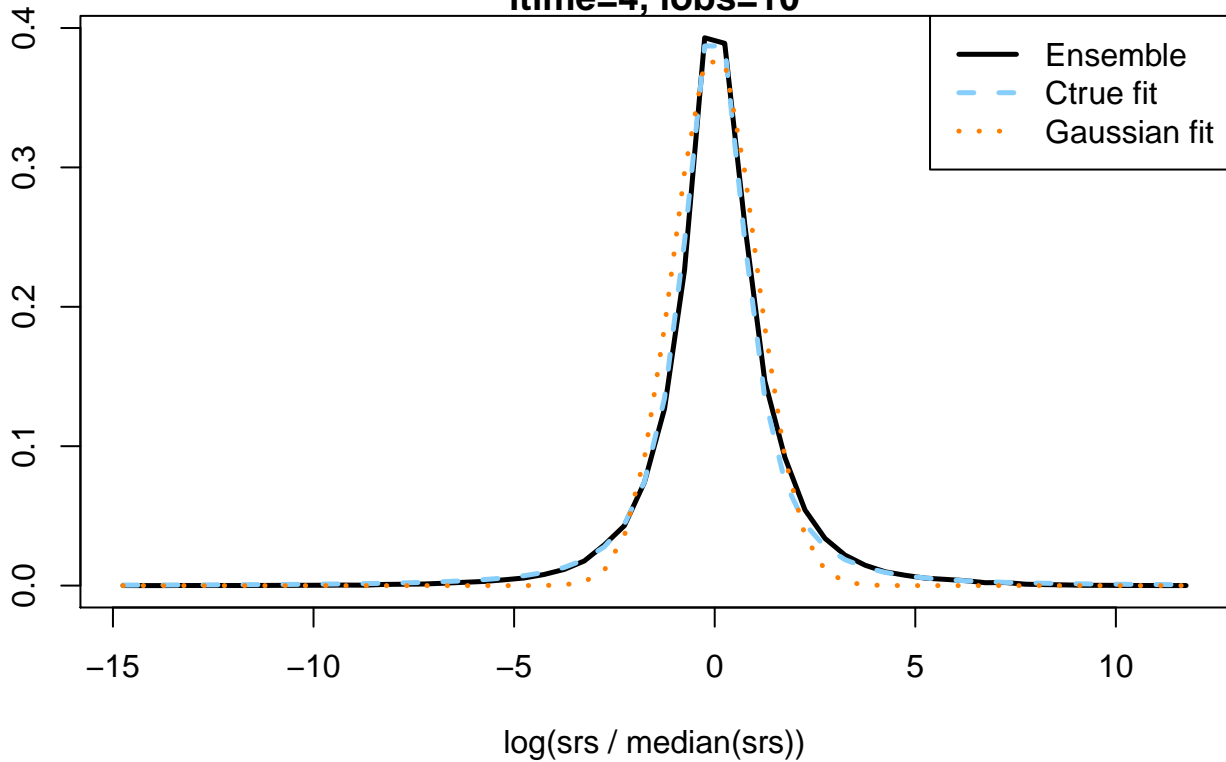
density



log(srs / median(srs))

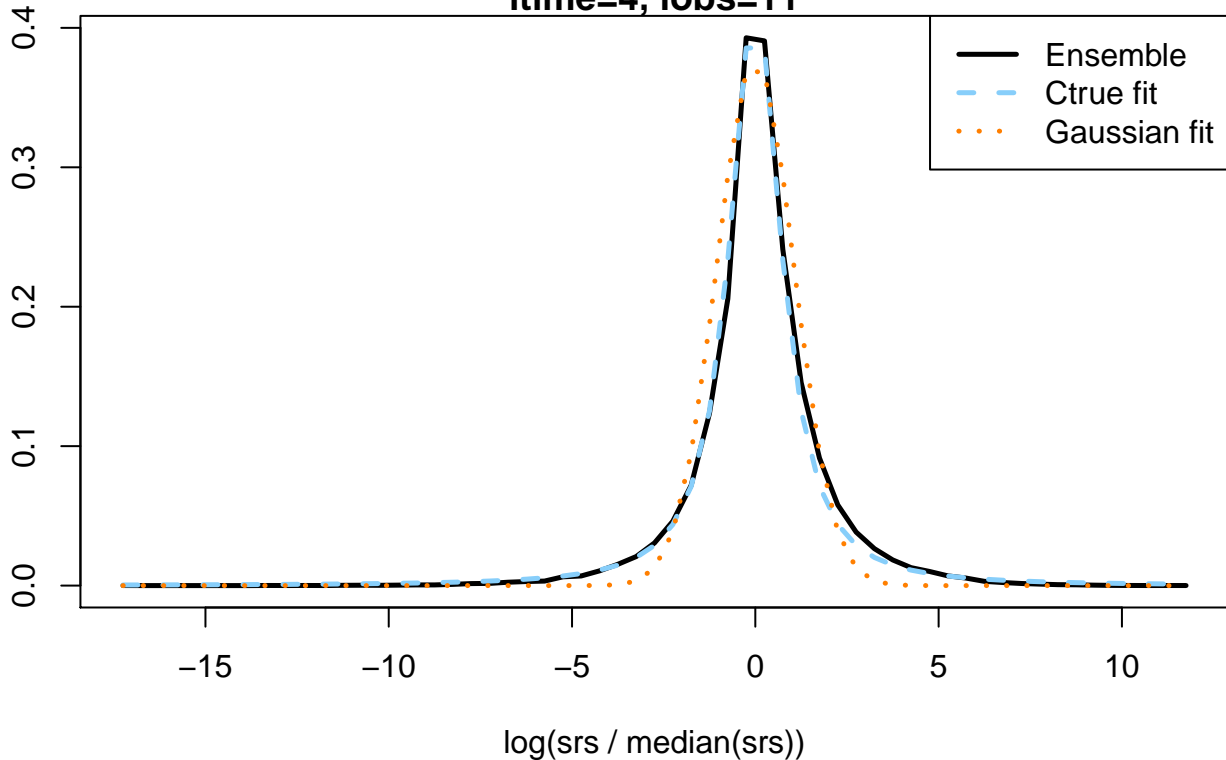
itime=4, iobs=10

density



itime=4, iobs=11

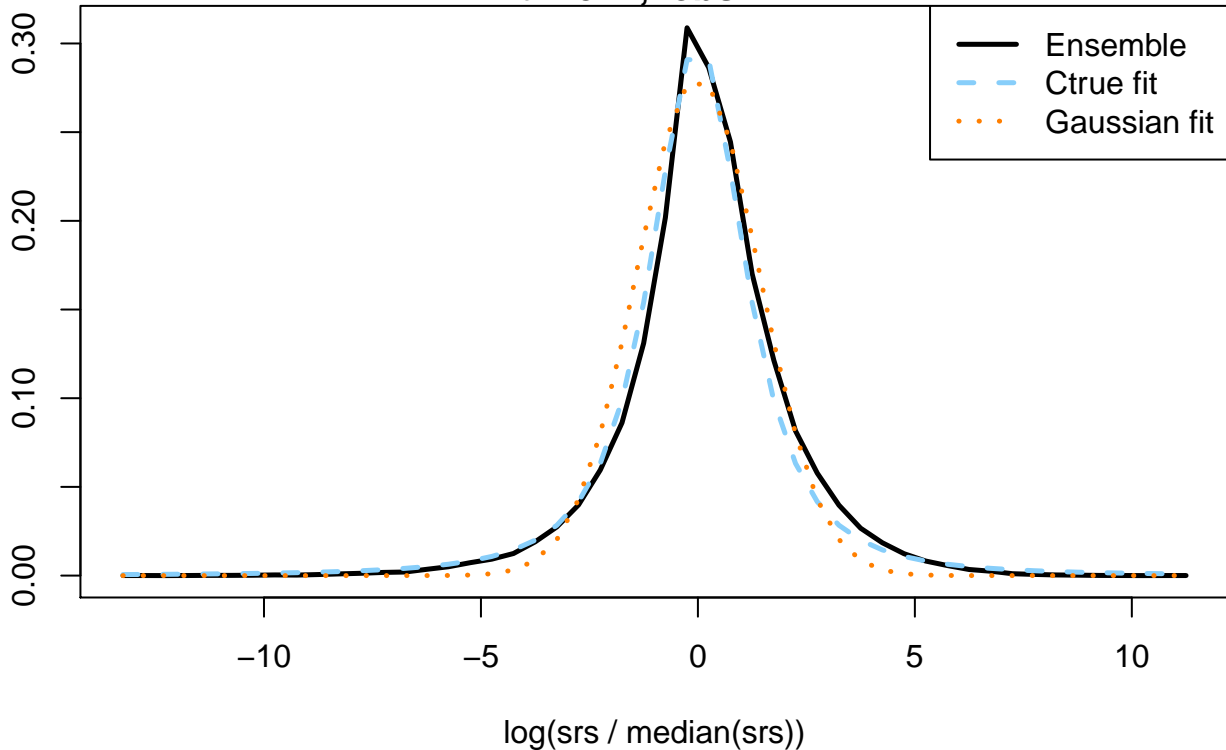
density



— Ensemble
- - Ctrue fit
... Gaussian fit

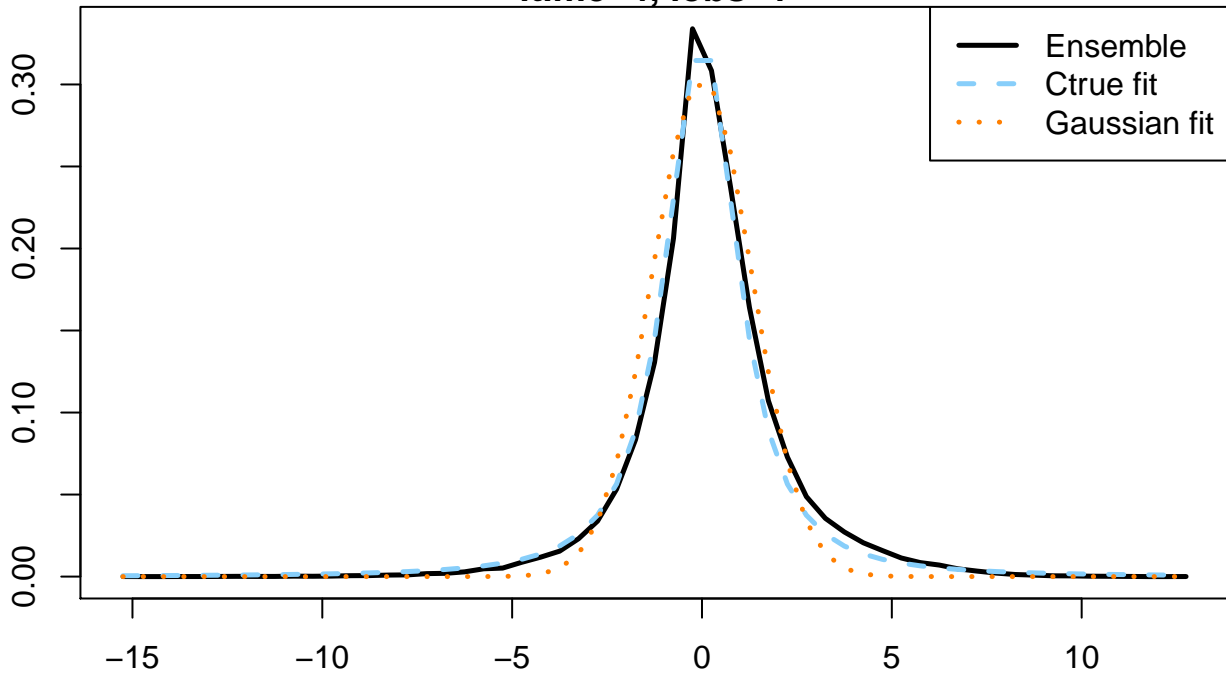
itime=4, iobs=12

density



itime=4, iobs=1

density

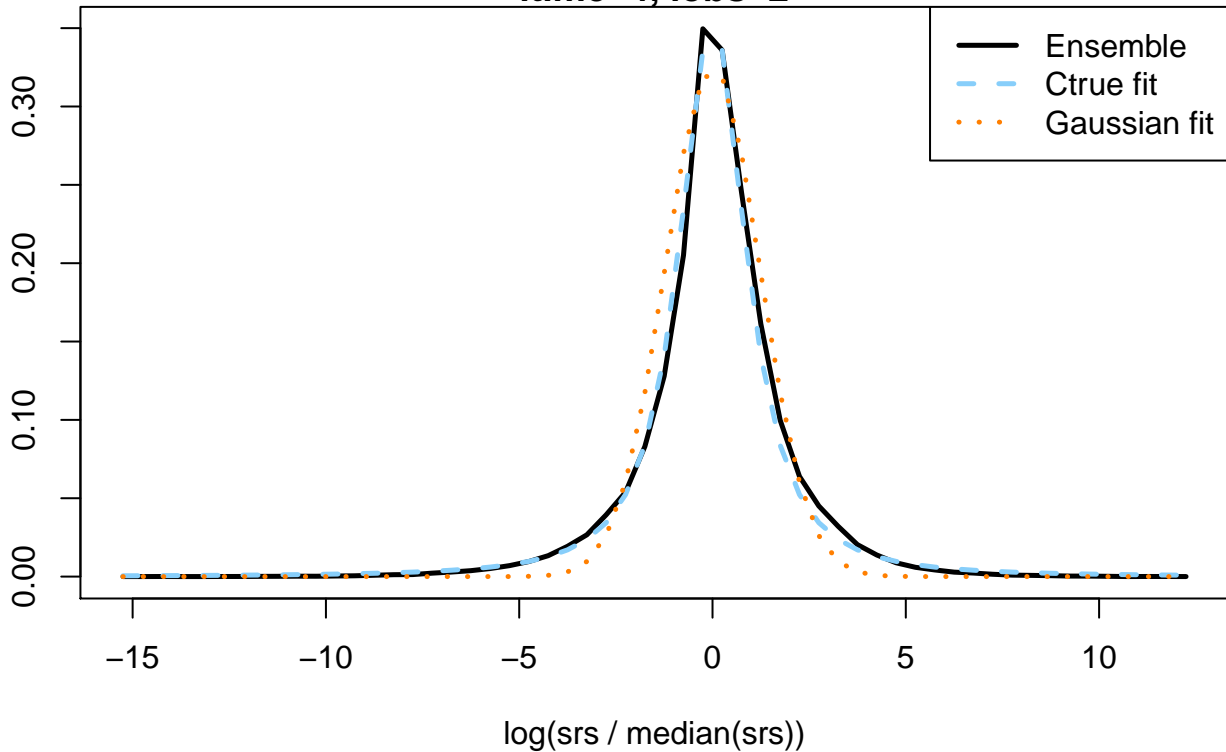


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

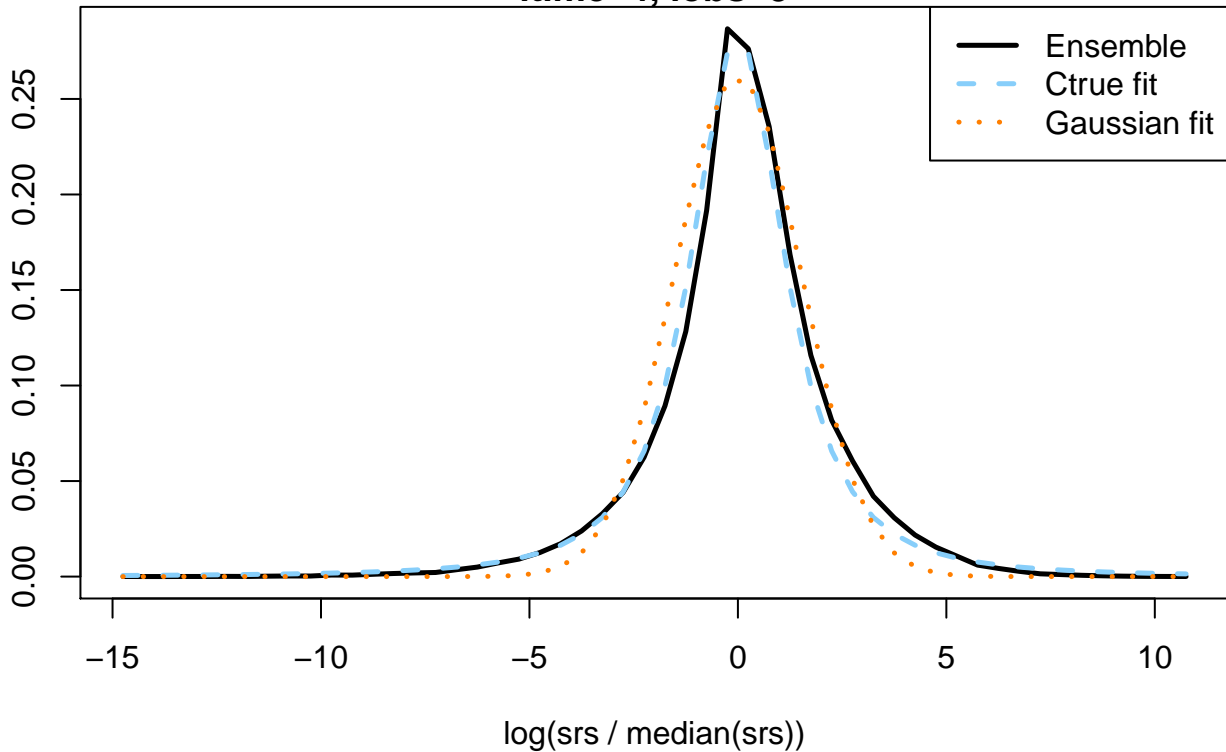
itime=4, iobs=2

density



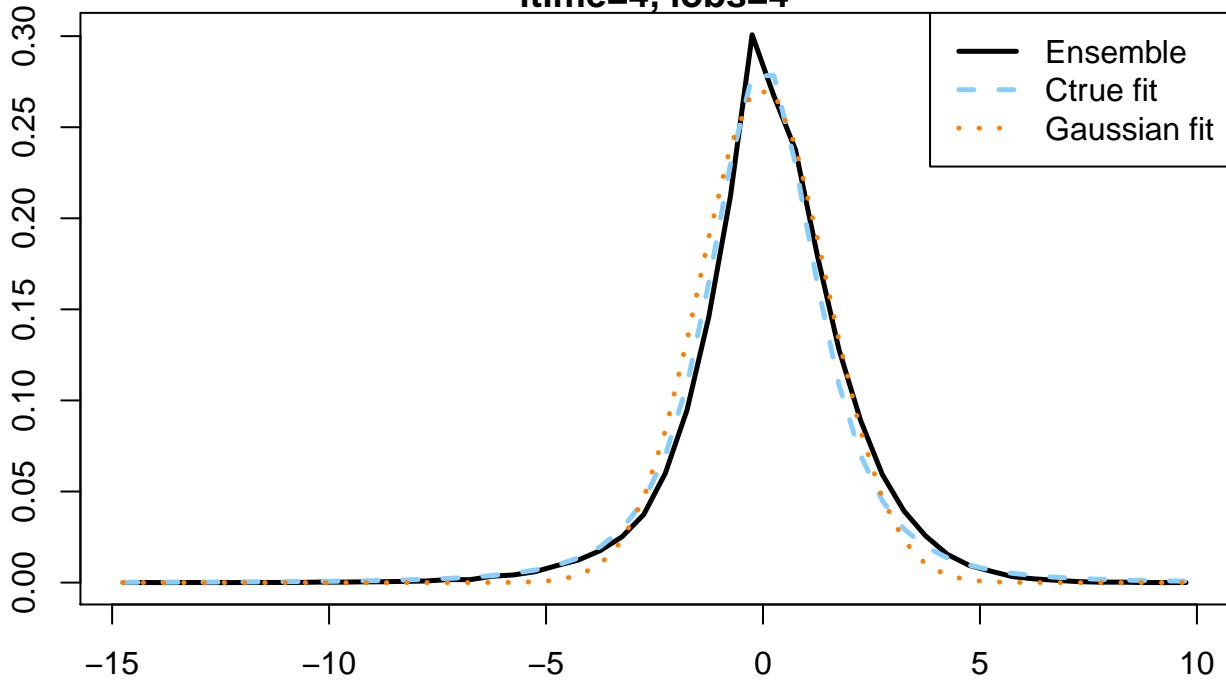
itime=4, iobs=3

density



itime=4, iobs=4

density

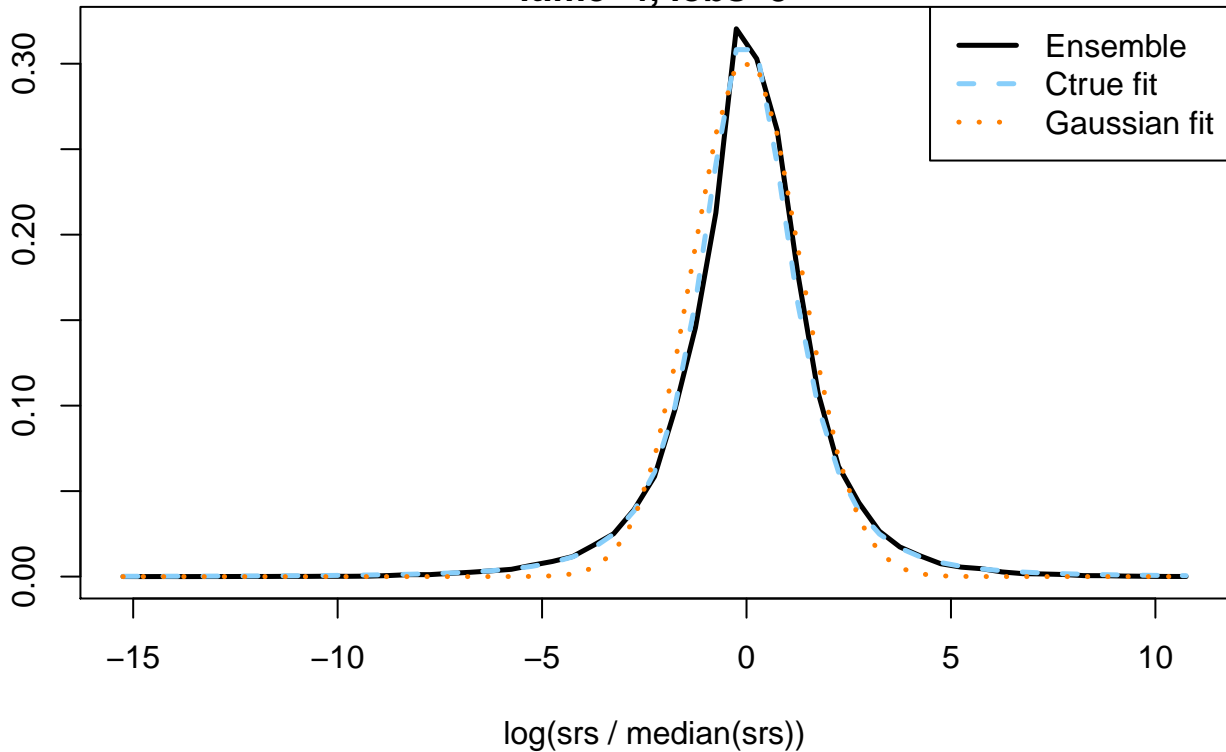


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

itime=4, iobs=5

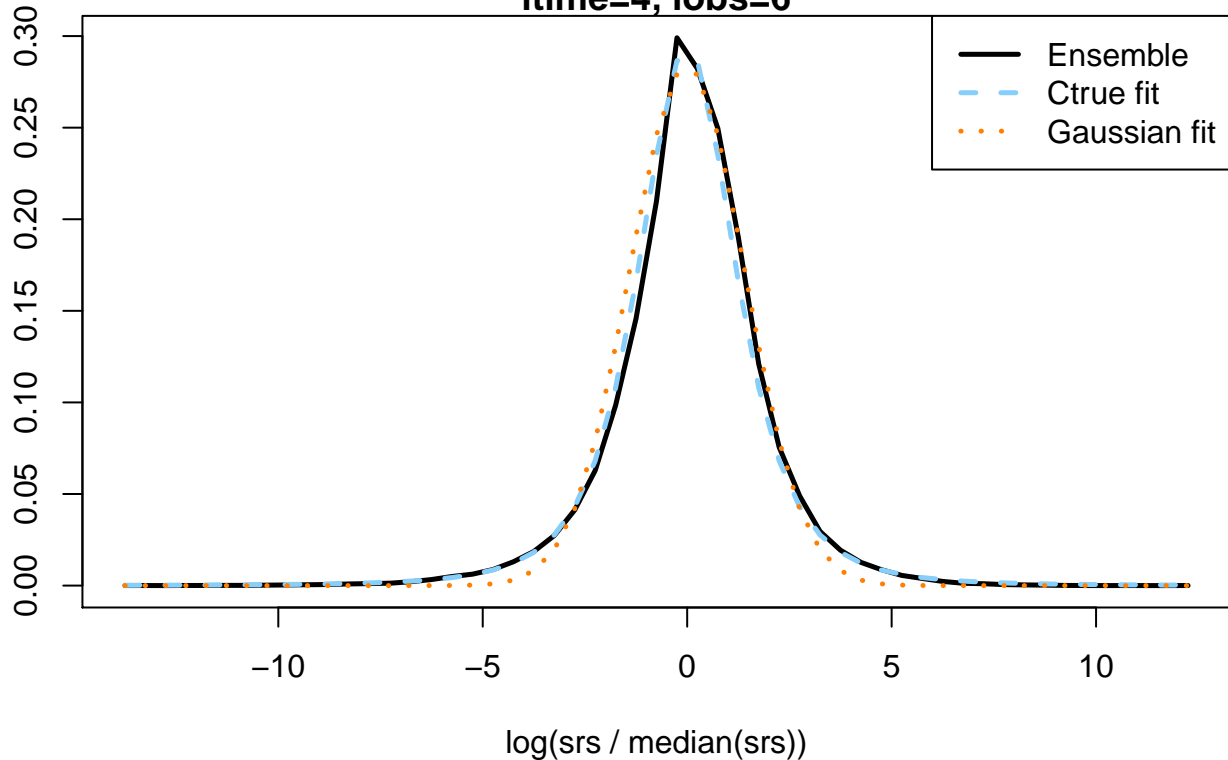
density



— Ensemble
- - Ctrue fit
... Gaussian fit

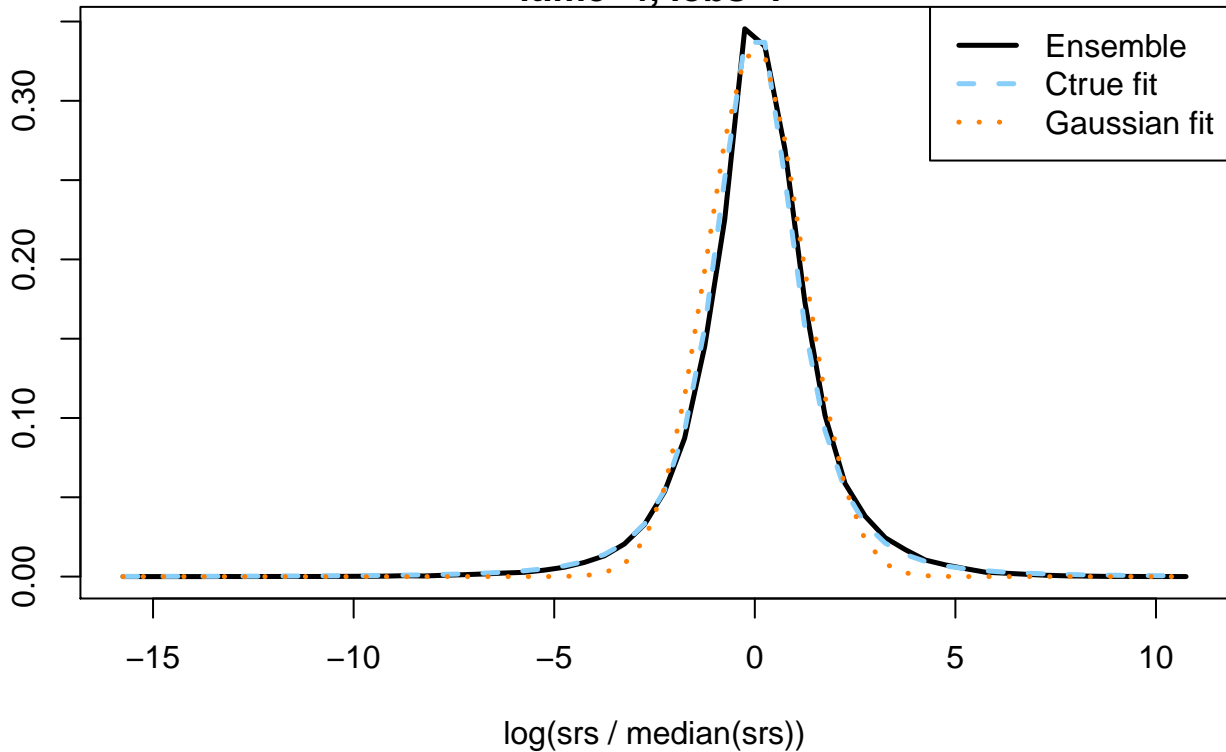
itime=4, iobs=6

density



itime=4, iobs=7

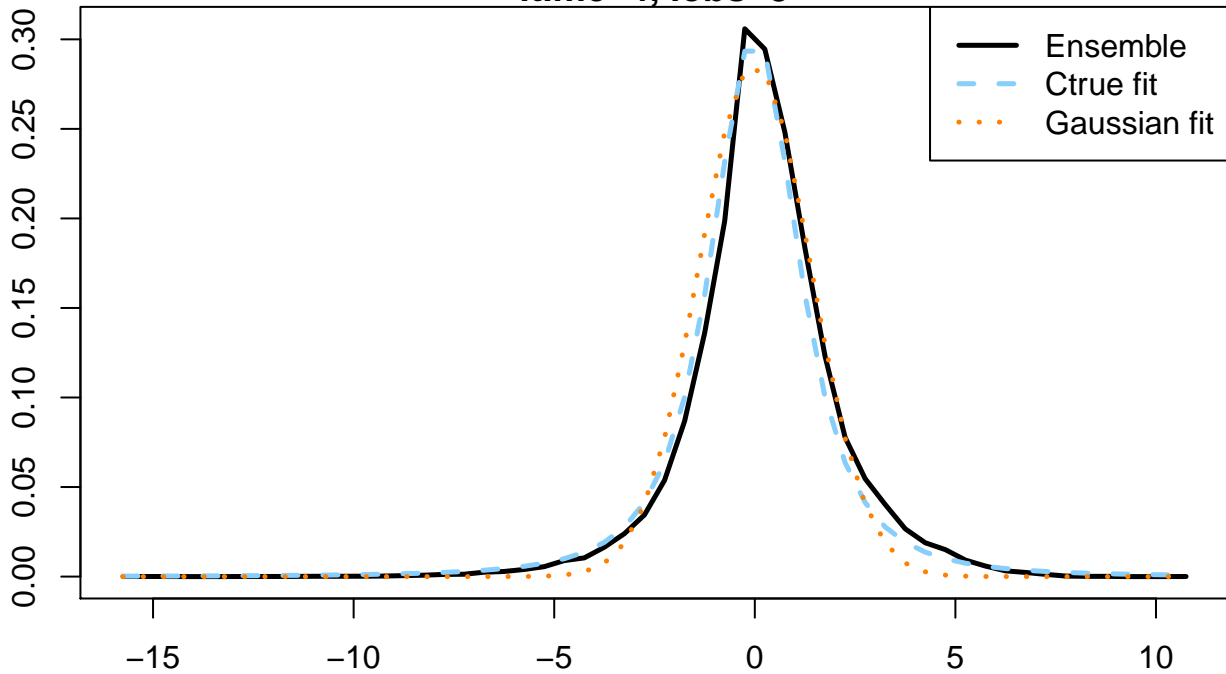
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=4, iobs=8

density

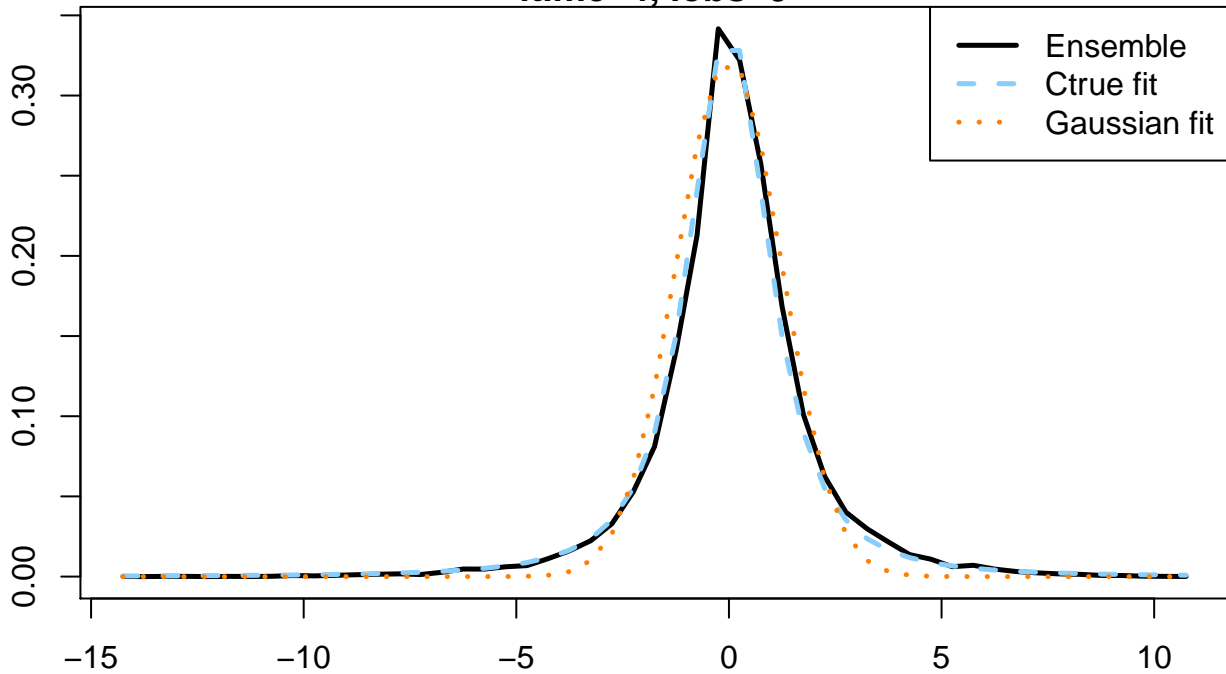


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

itime=4, iobs=9

density

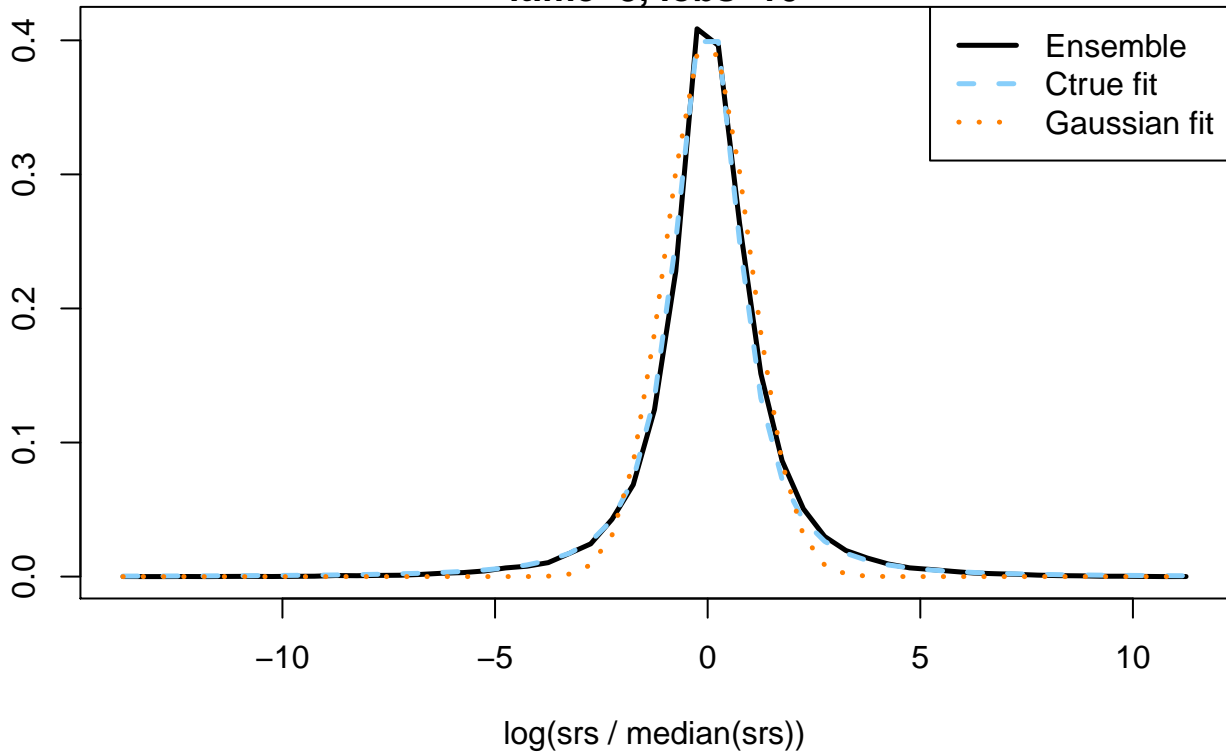


- Ensemble
- - Ctrue fit
- ... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

itime=5, iobs=10

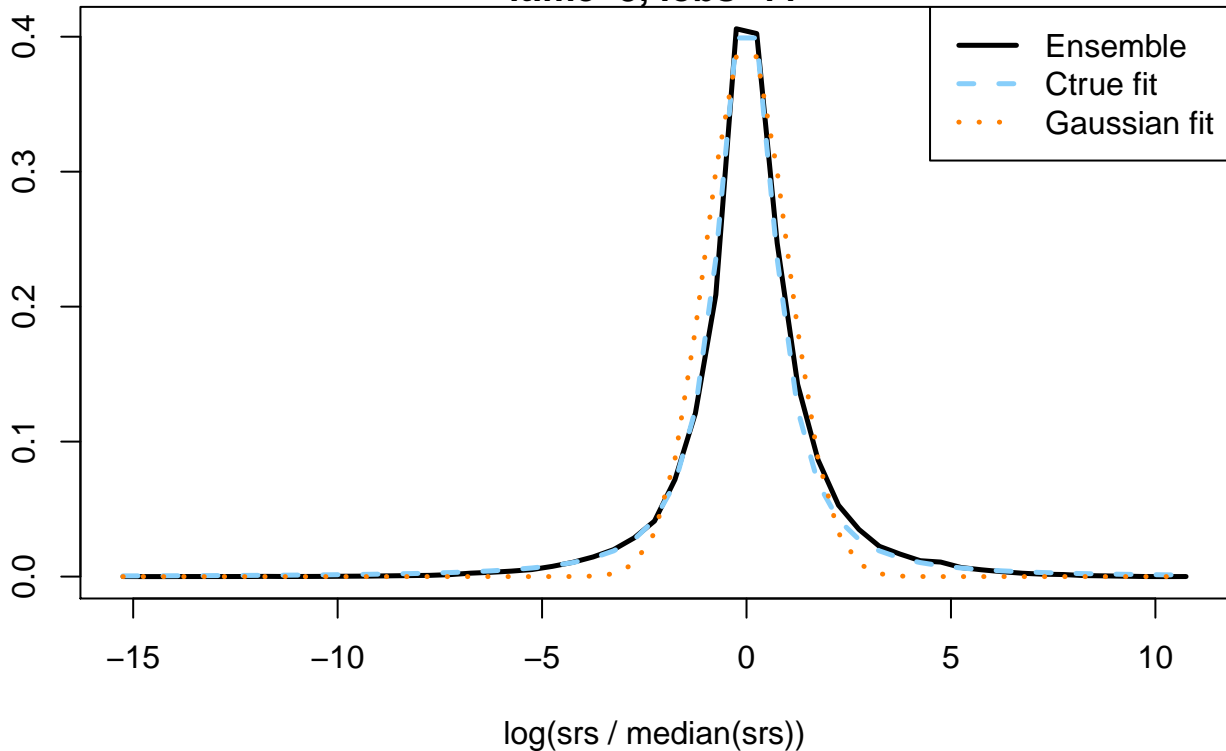
density



— Ensemble
- - Ctrue fit
... Gaussian fit

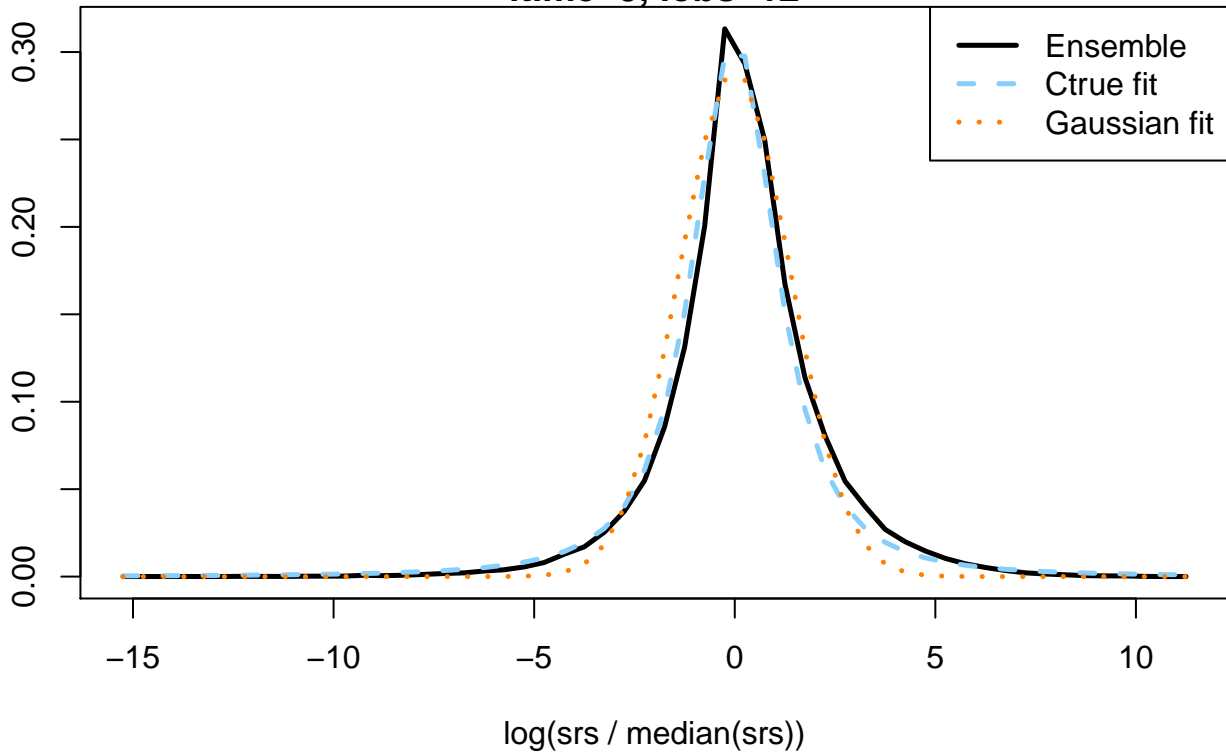
itime=5, iobs=11

density



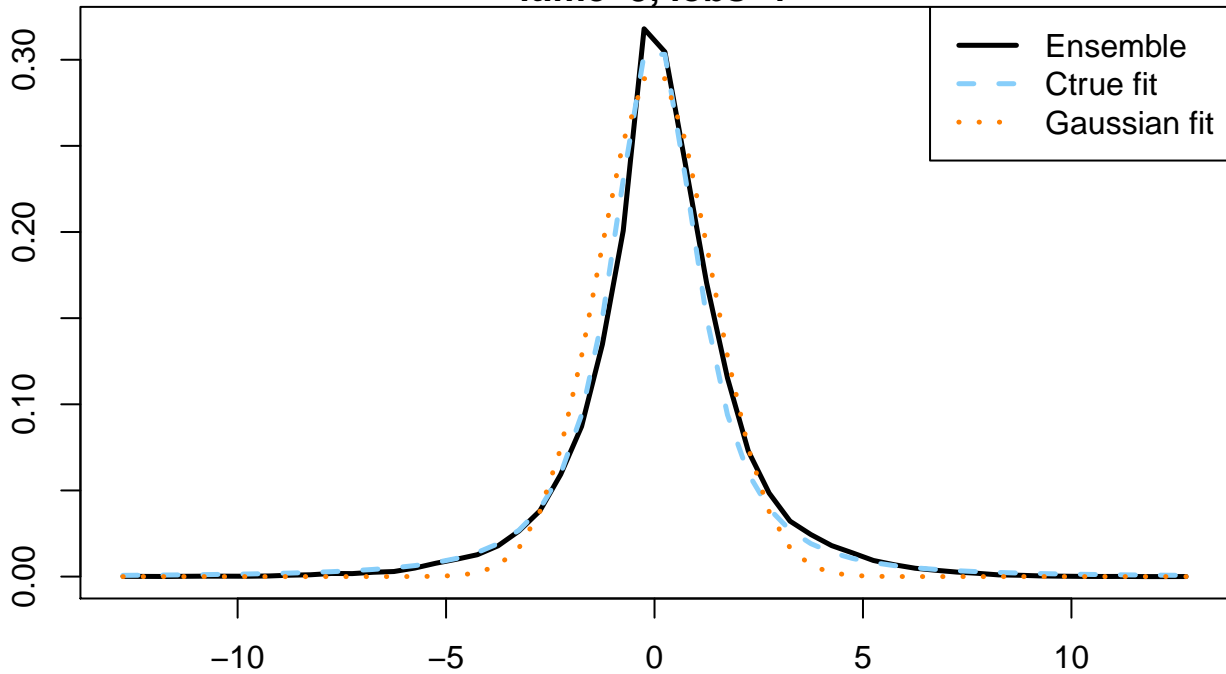
itime=5, iobs=12

density



itime=5, iobs=1

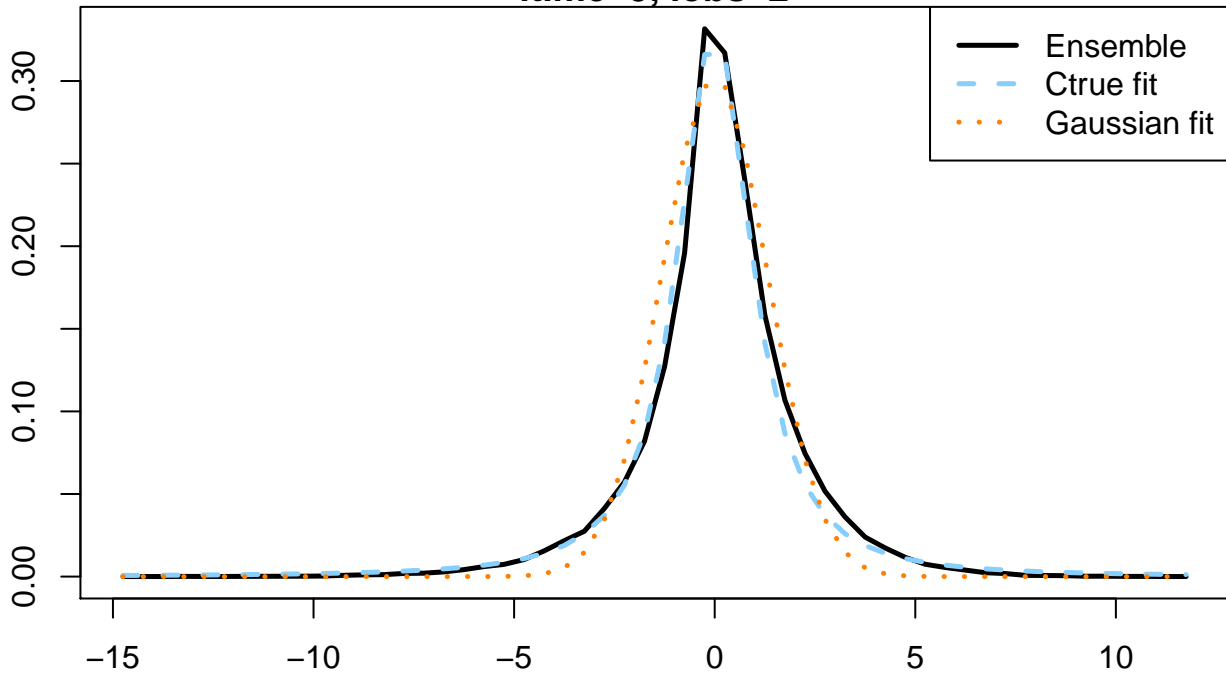
density



log(srs / median(srs))

itime=5, iobs=2

density

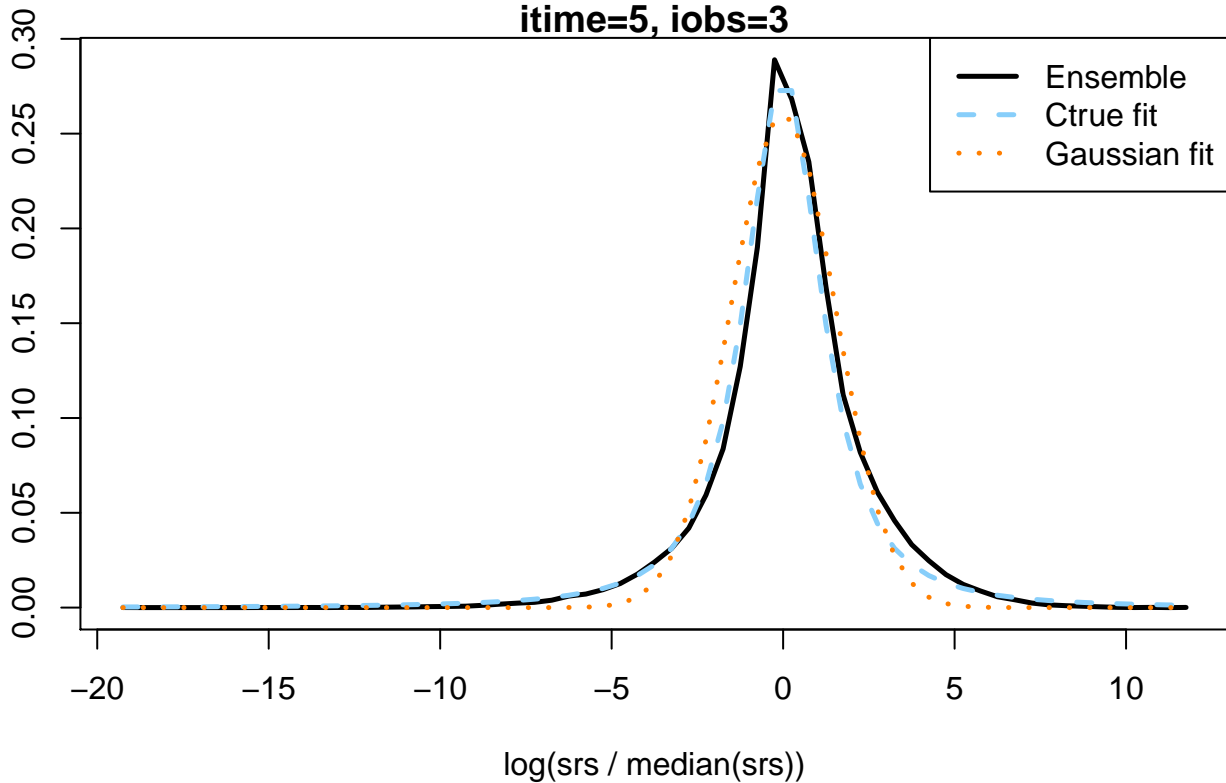


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

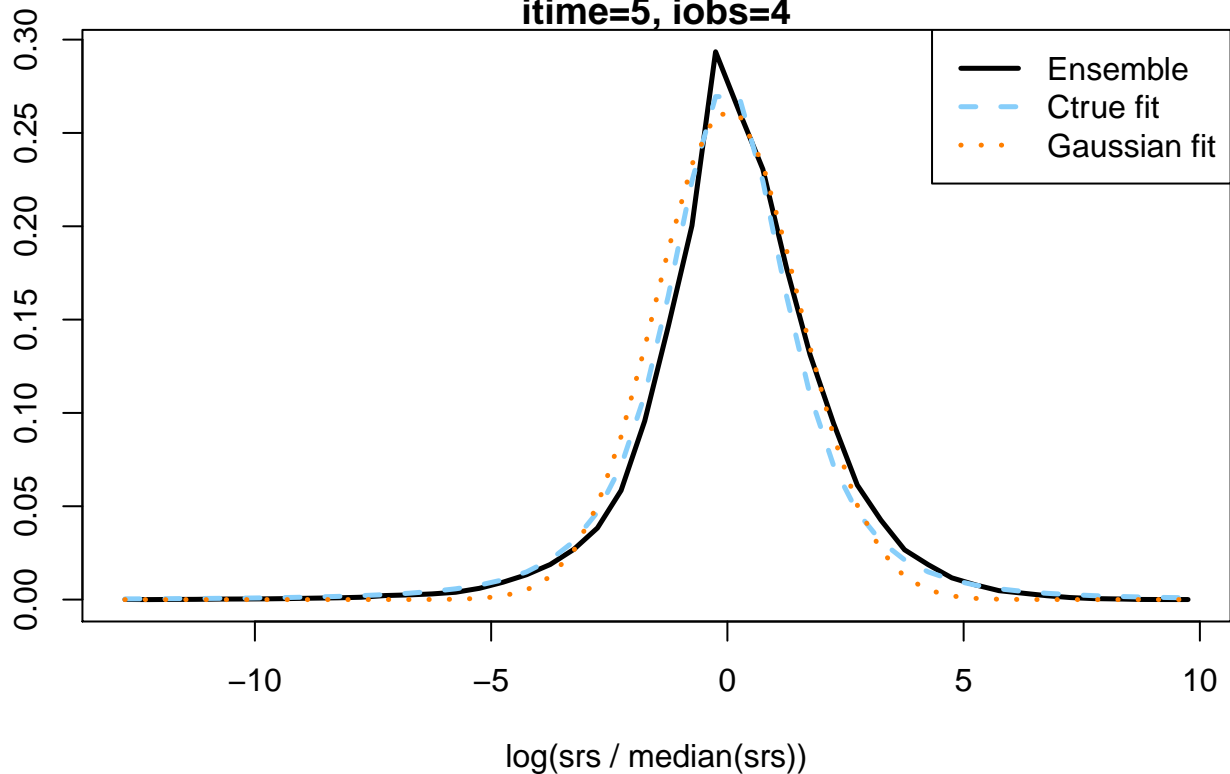
itime=5, iobs=3

density



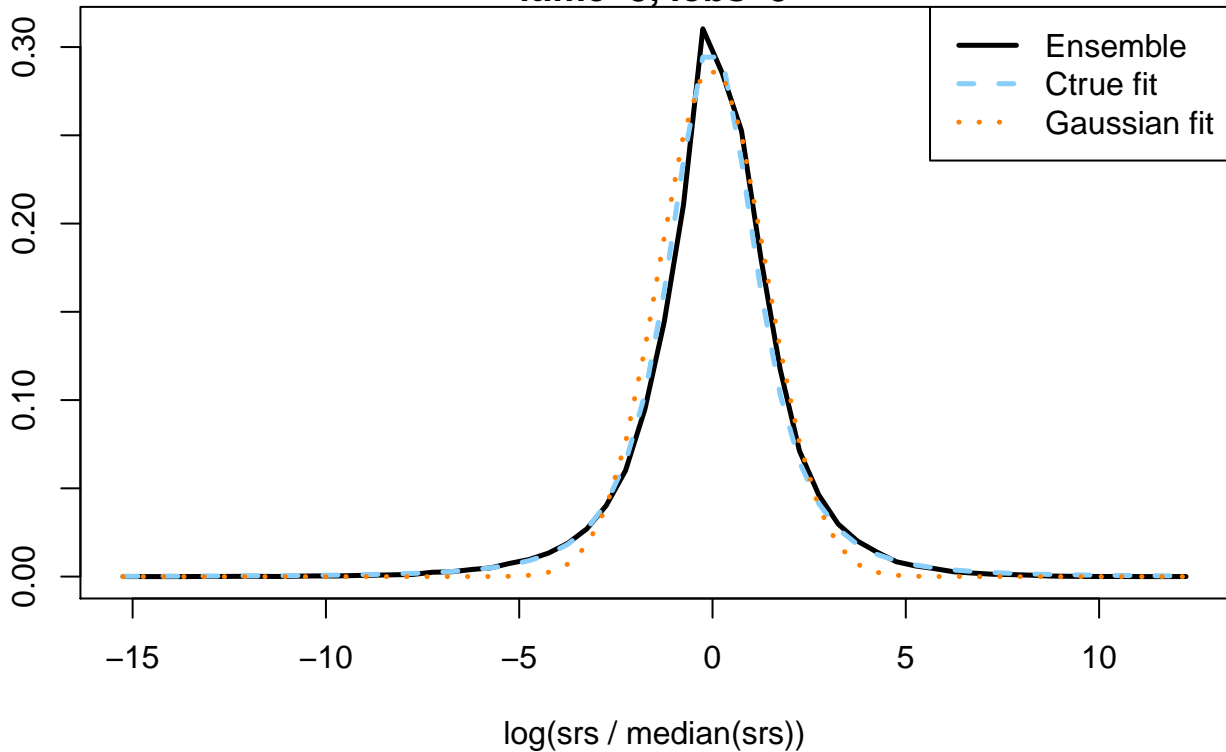
itime=5, iobs=4

density



itime=5, iobs=5

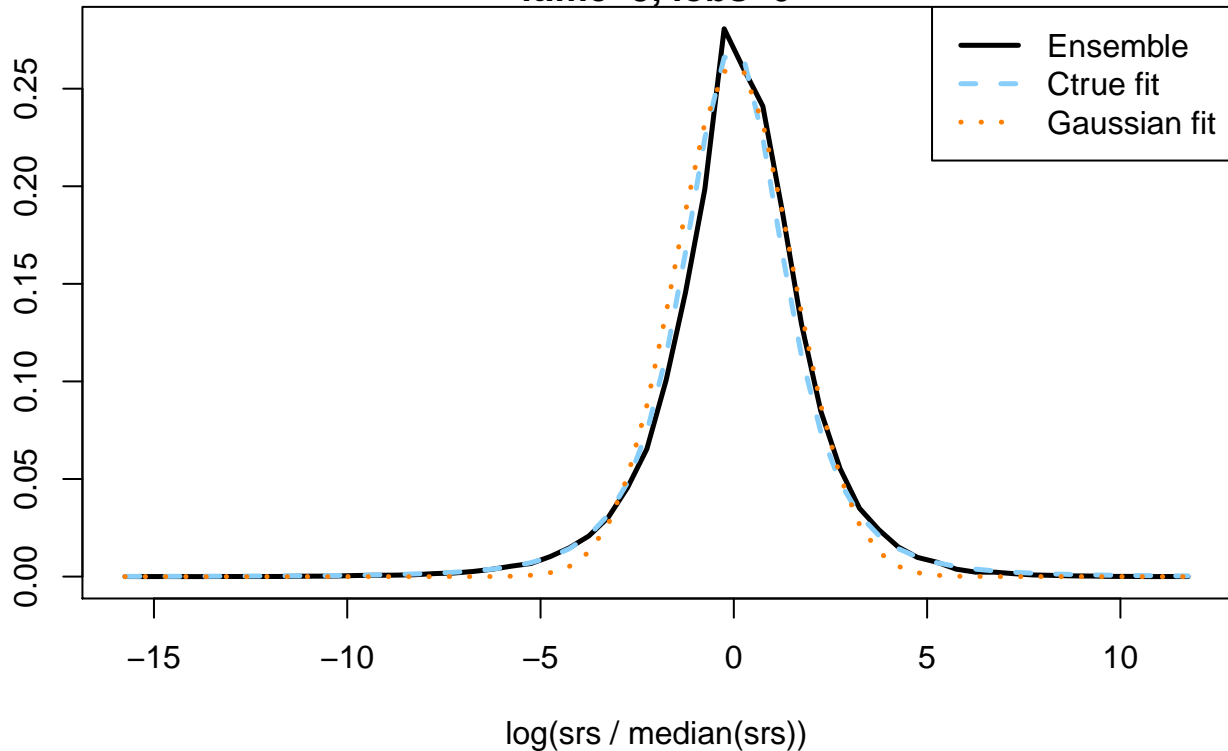
density



— Ensemble
- - Ctrue fit
... Gaussian fit

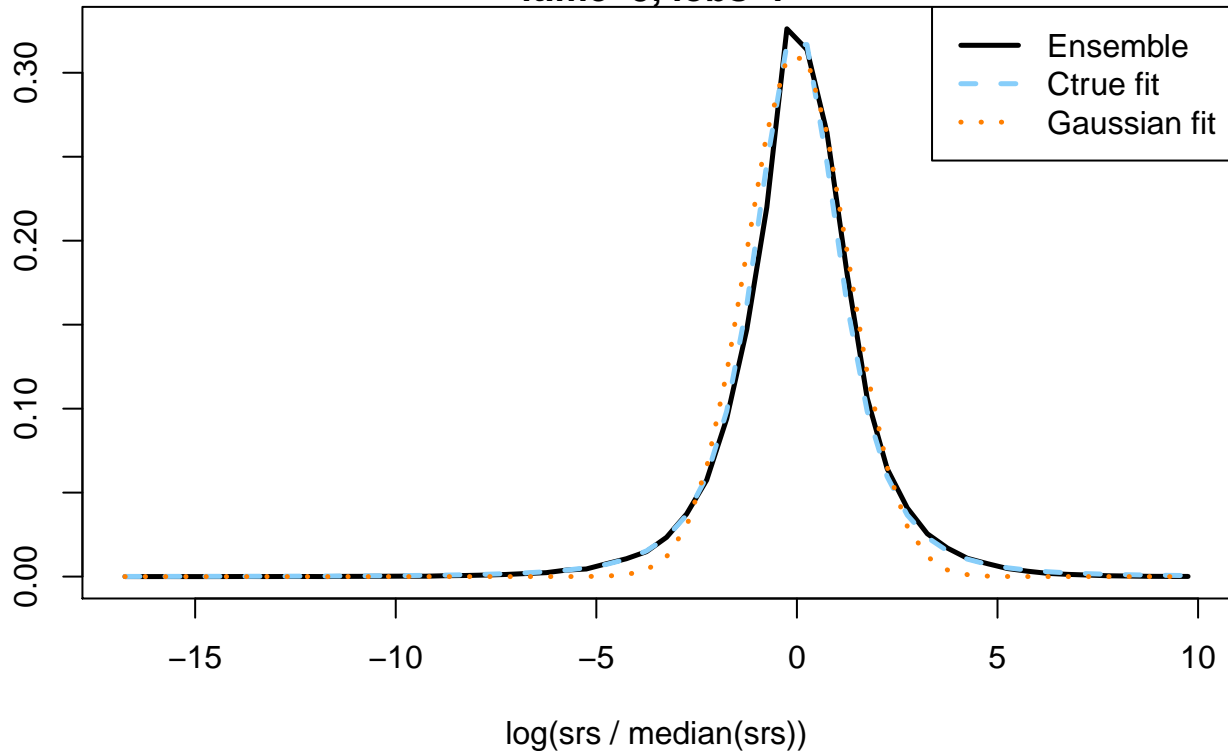
itime=5, iobs=6

density



itime=5, iobs=7

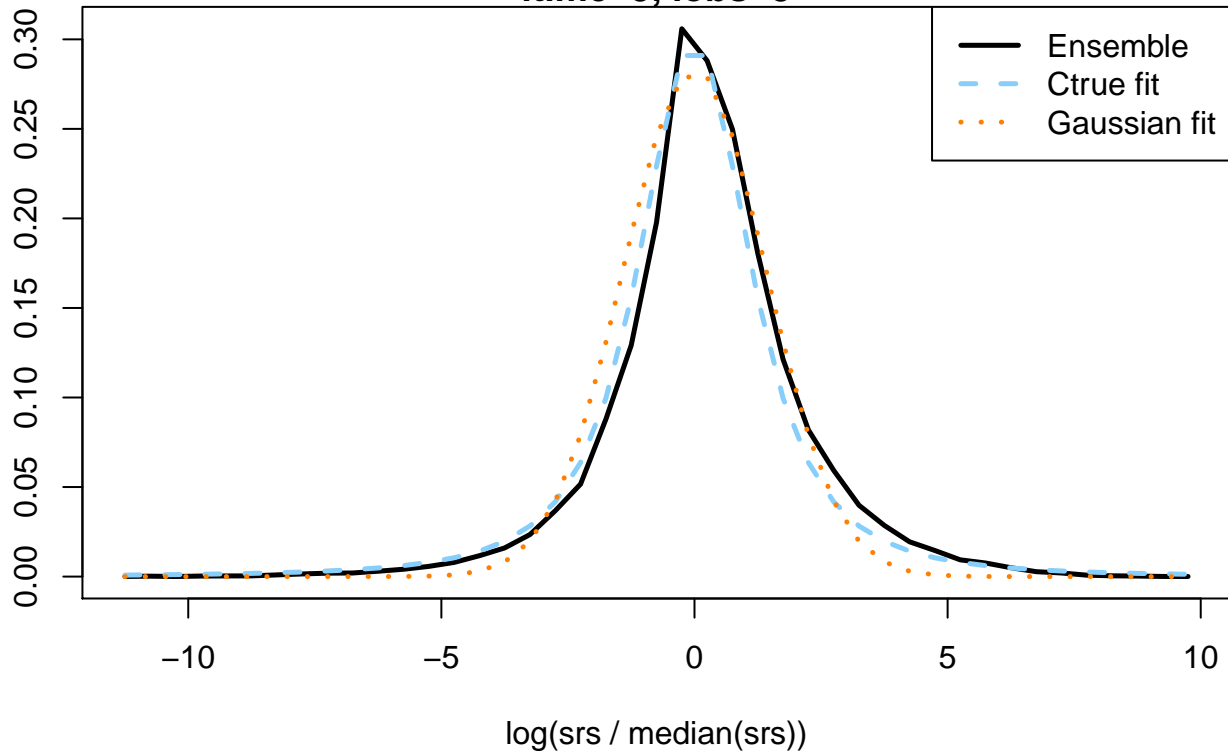
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=5, iobs=8

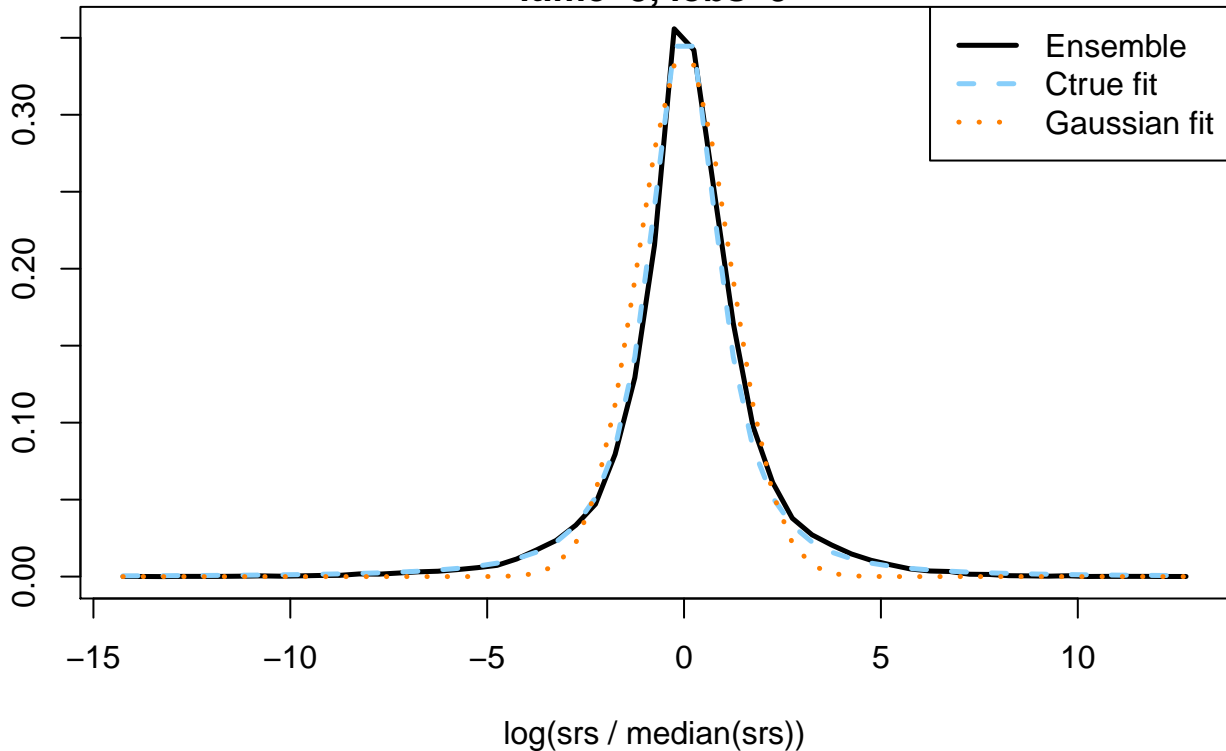
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=5, iobs=9

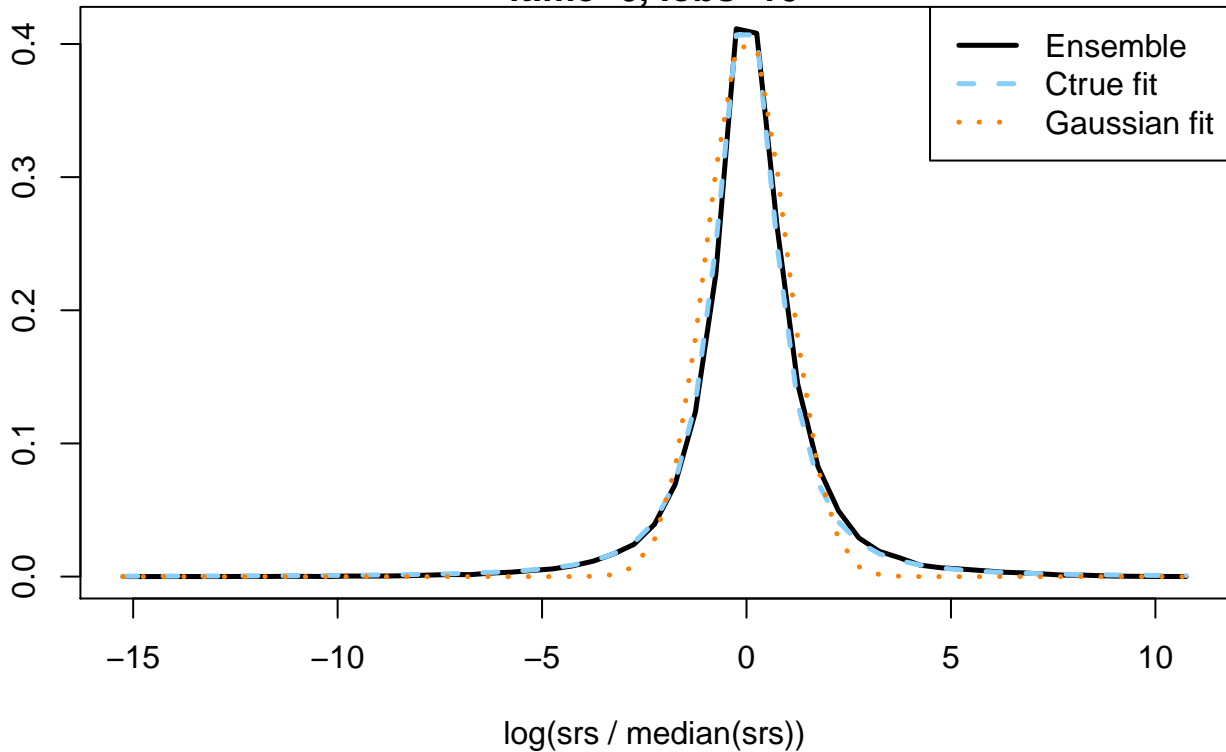
density



— Ensemble
- - Ctrue fit
... Gaussian fit

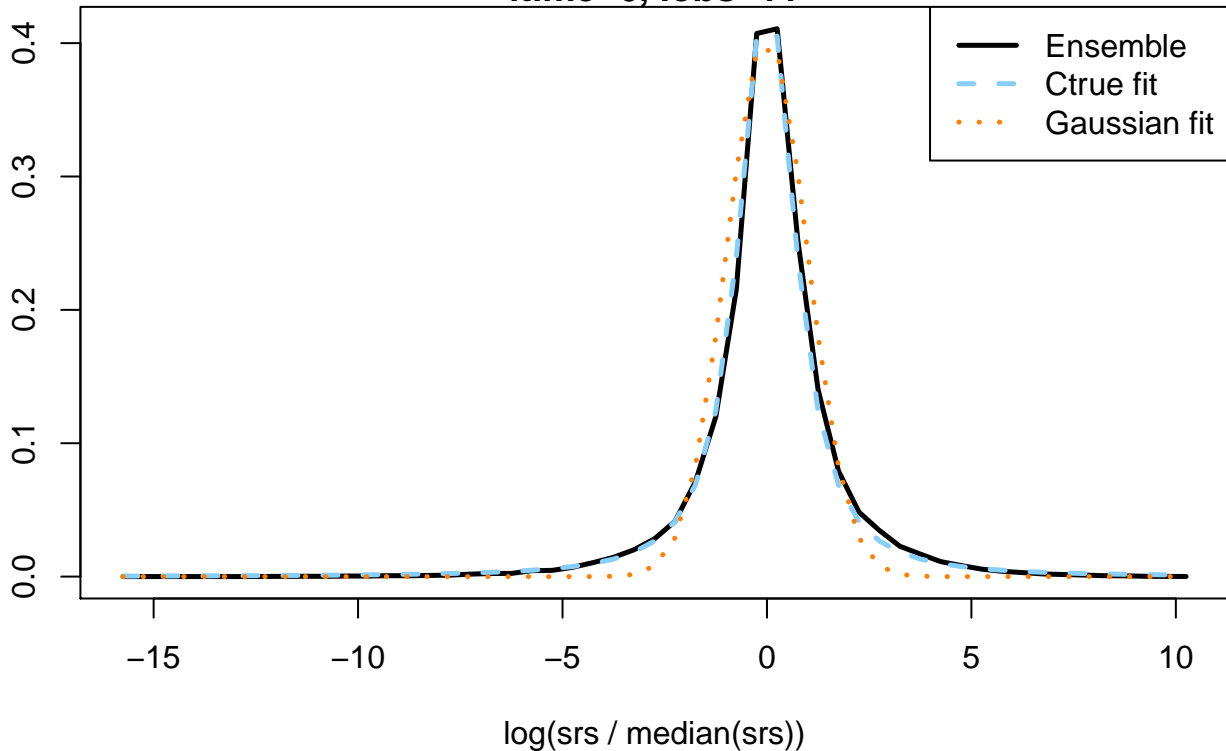
itime=6, iobs=10

density



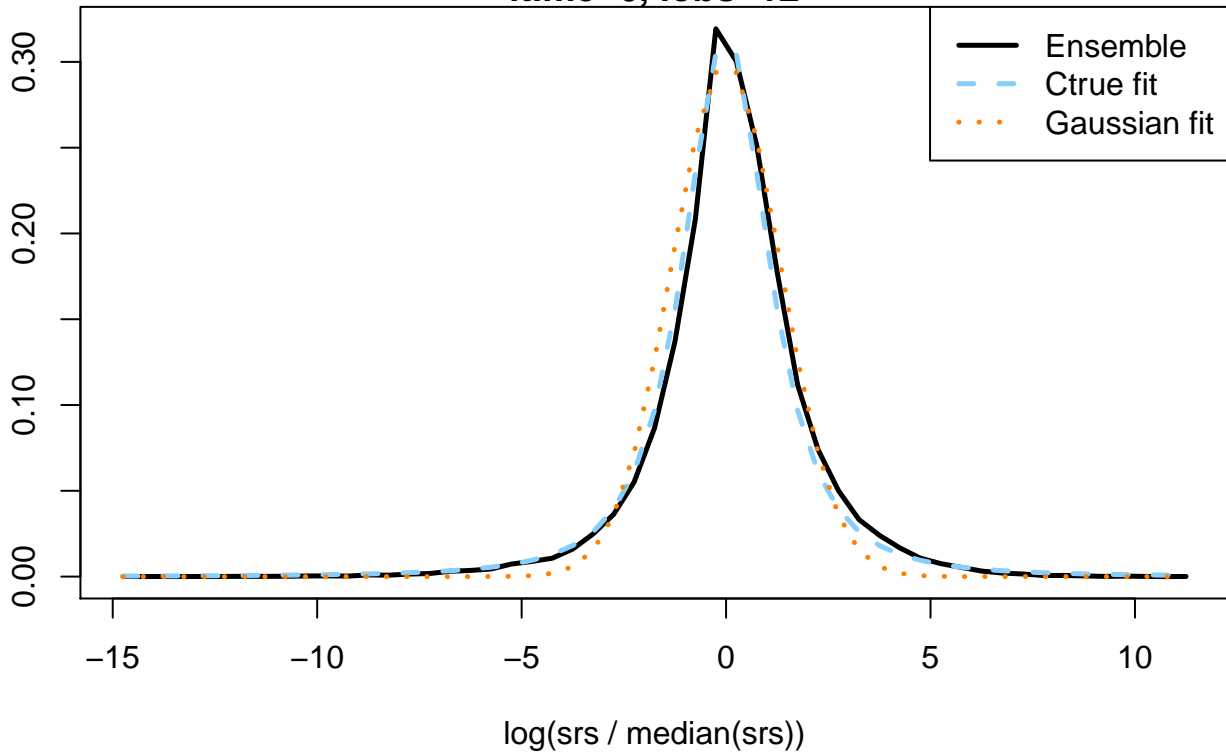
itime=6, iobs=11

density



itime=6, iobs=12

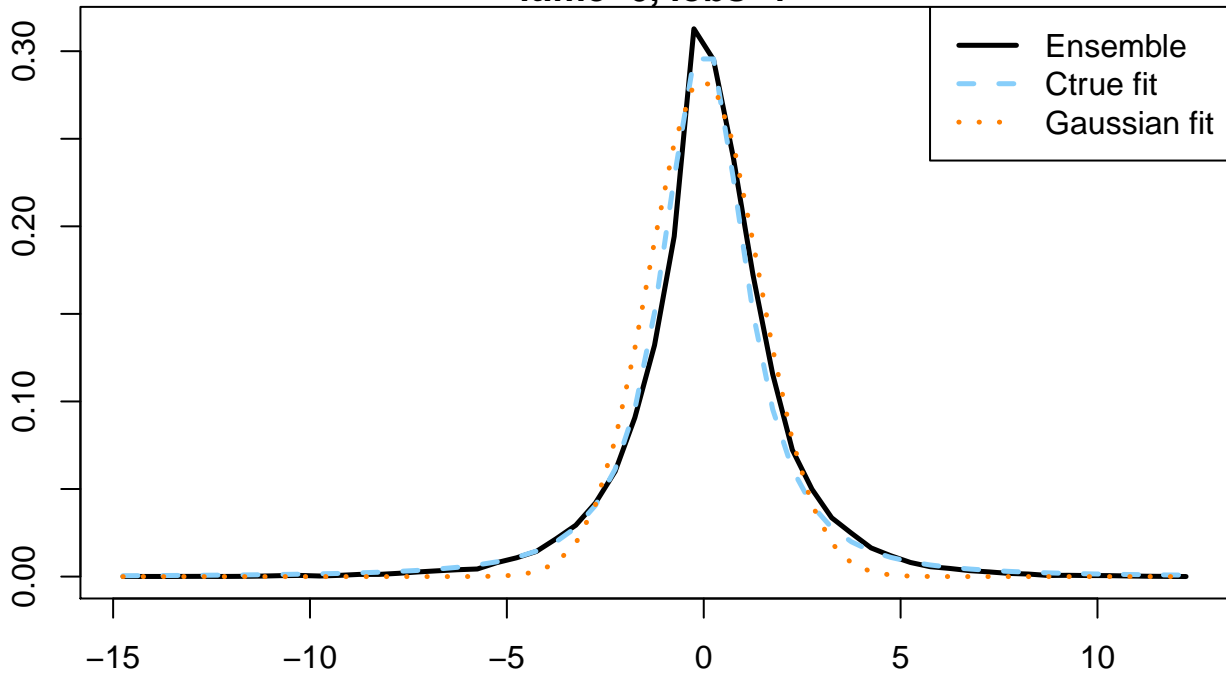
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=6, iobs=1

density

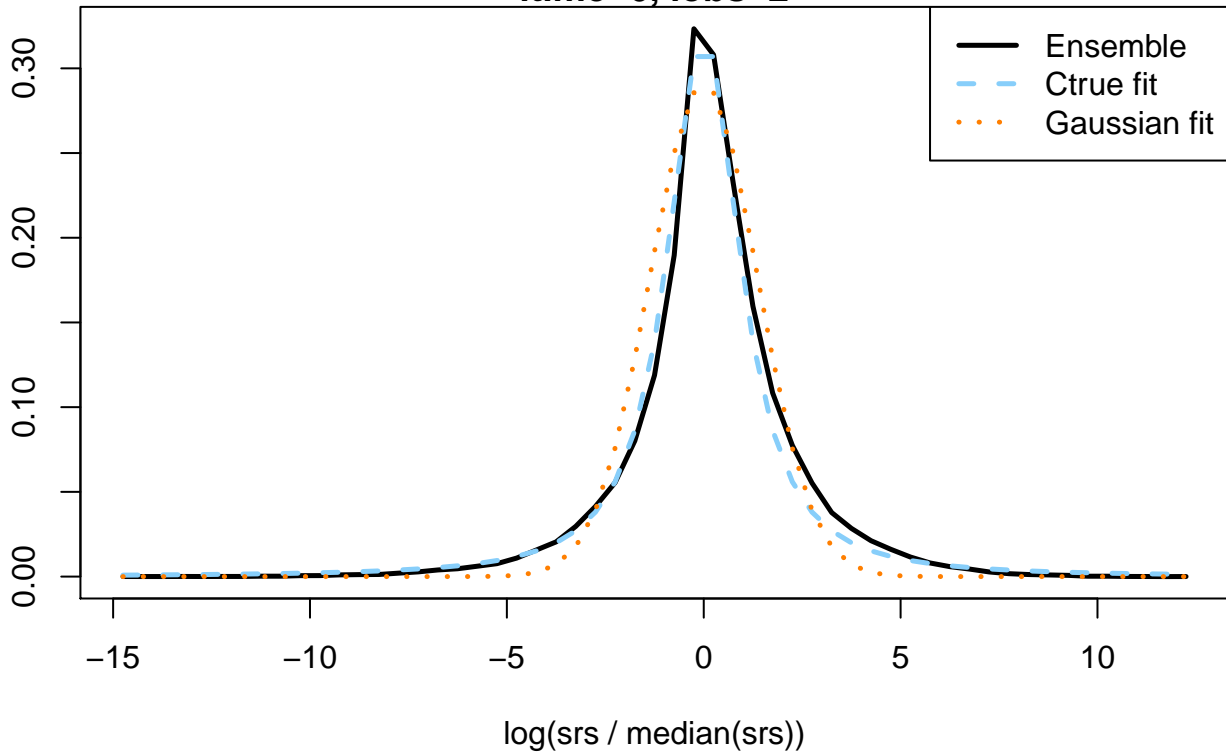


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

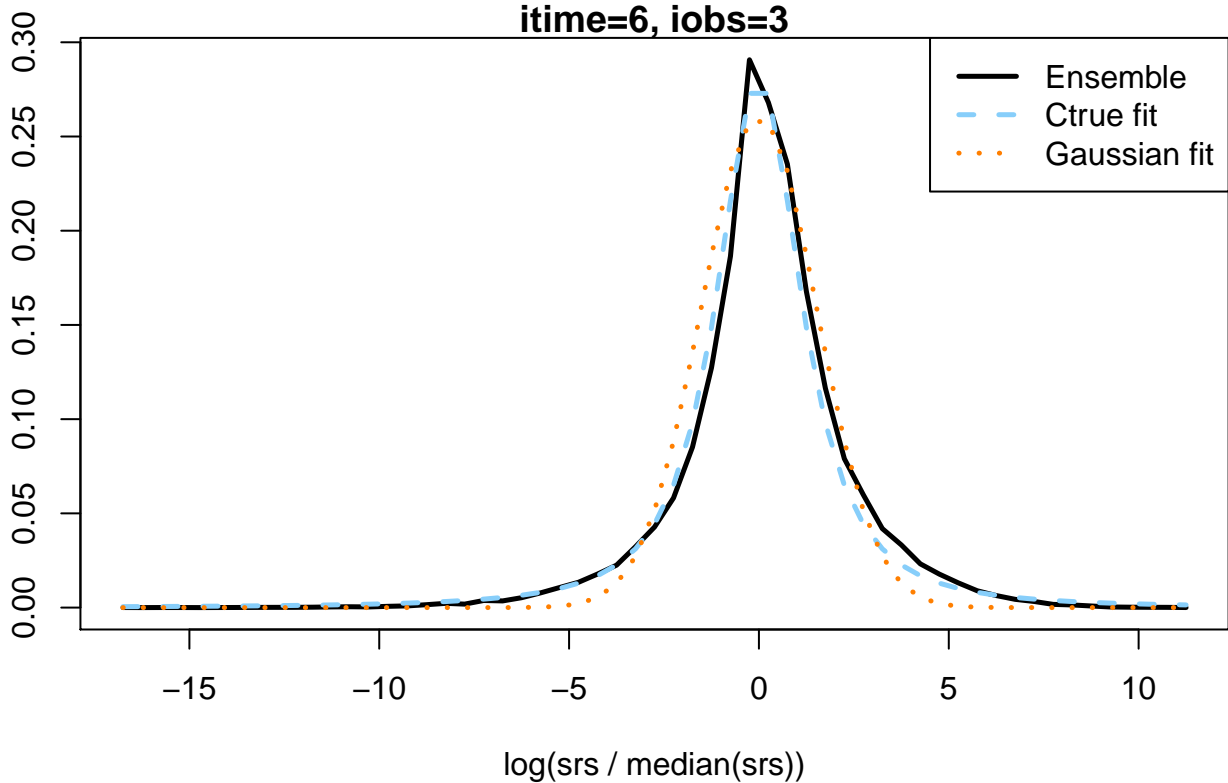
itime=6, iobs=2

density



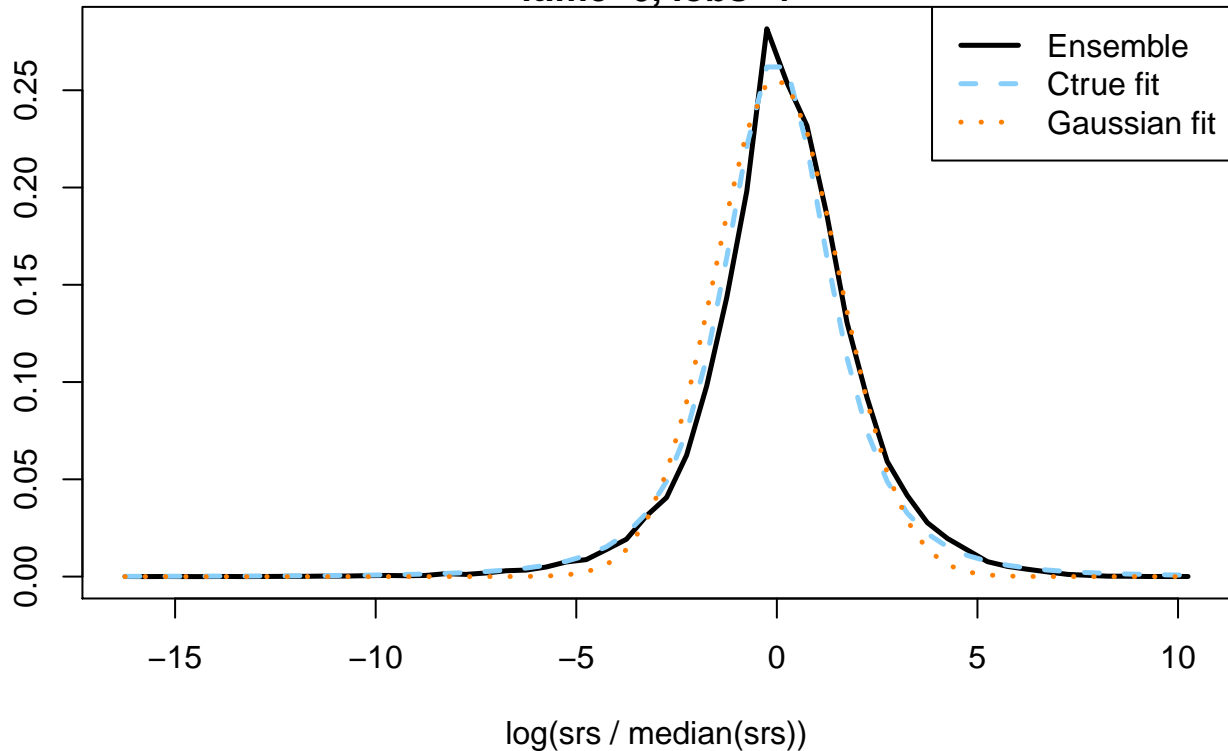
itime=6, iobs=3

density



itime=6, iobs=4

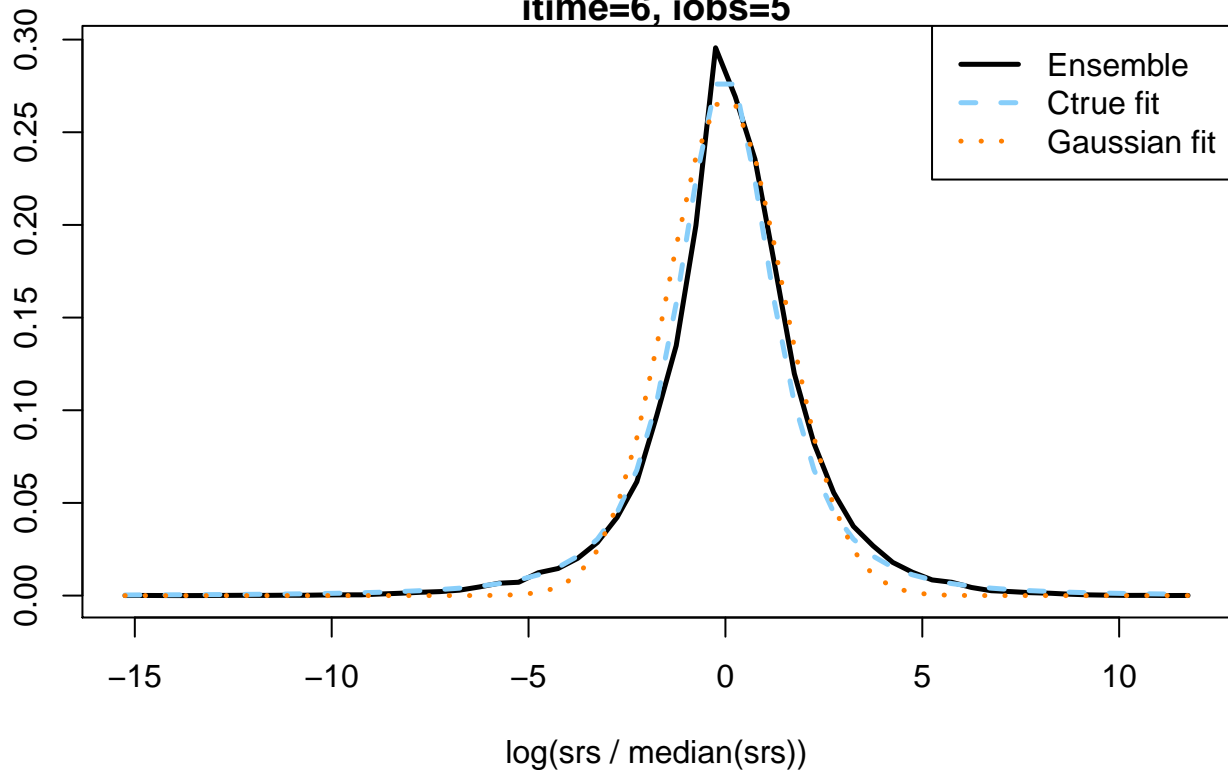
density



— Ensemble
- - Ctrue fit
... Gaussian fit

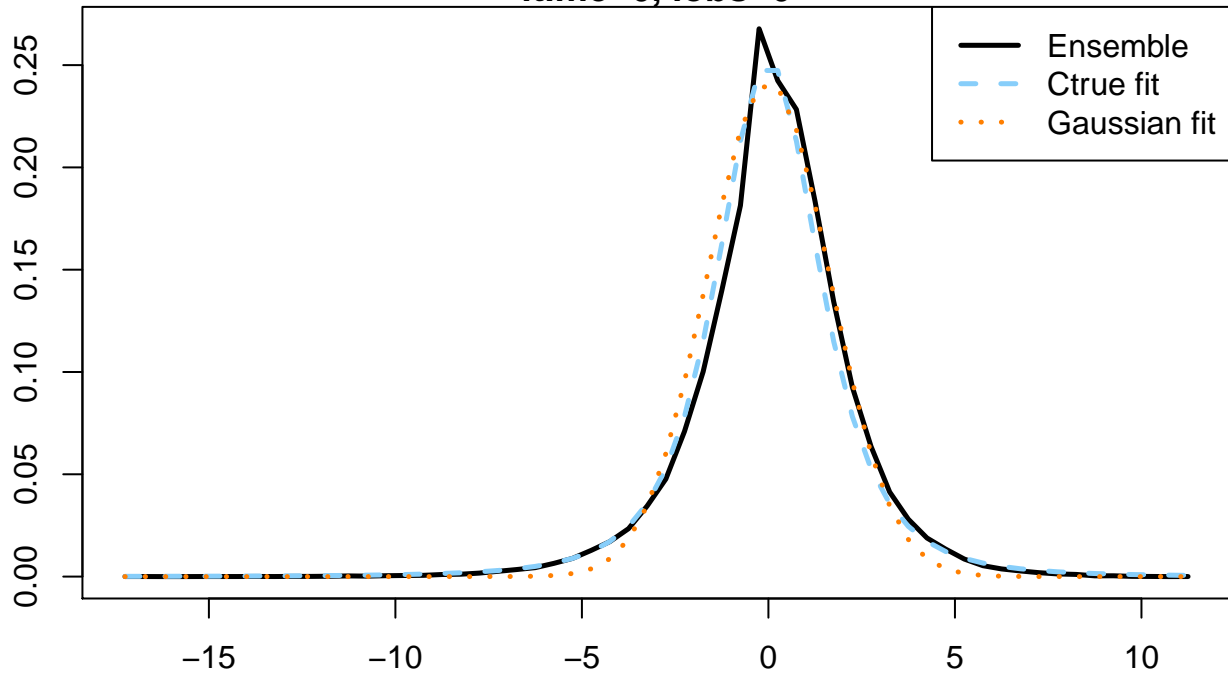
itime=6, iobs=5

density



itime=6, iobs=6

density

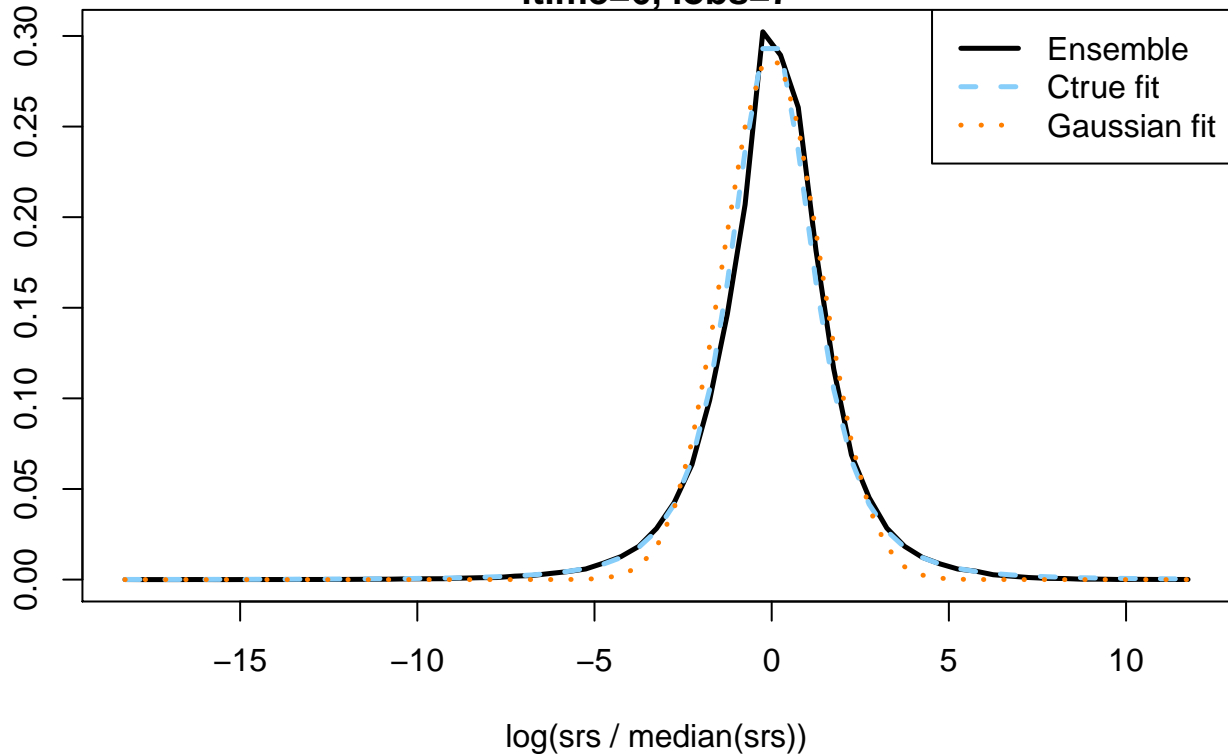


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

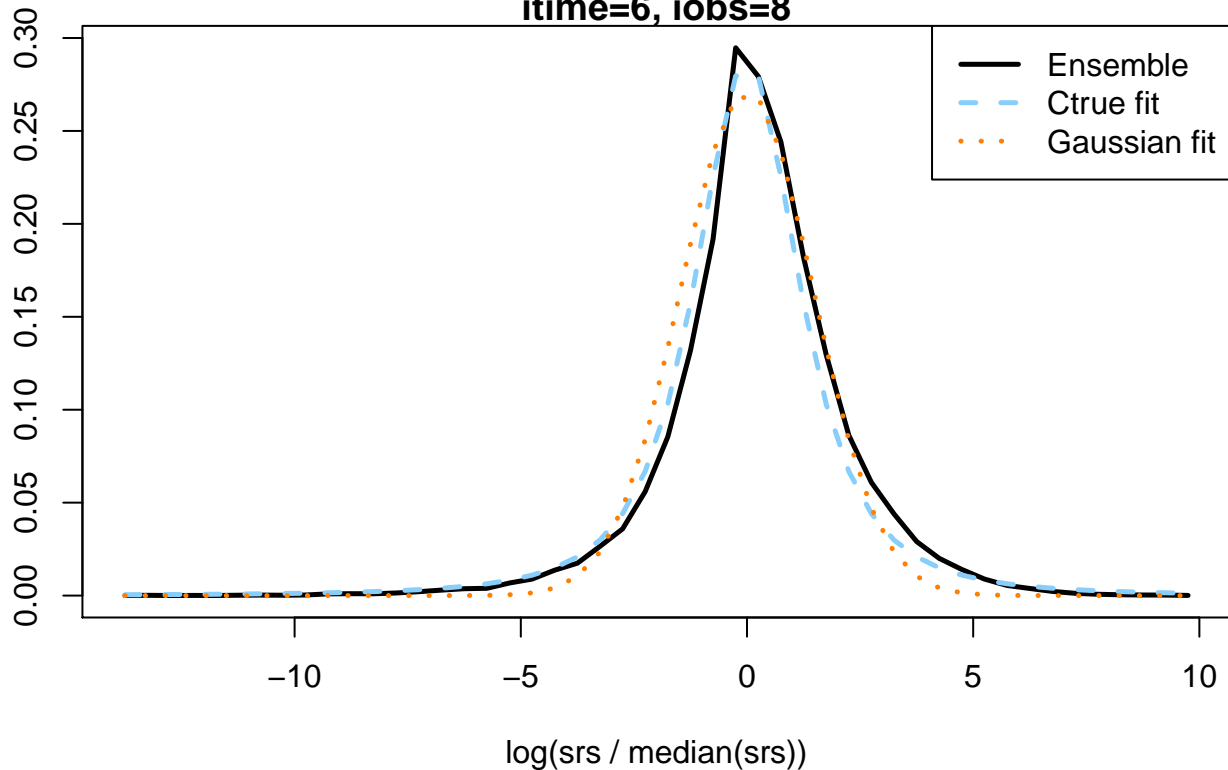
itime=6, iobs=7

density



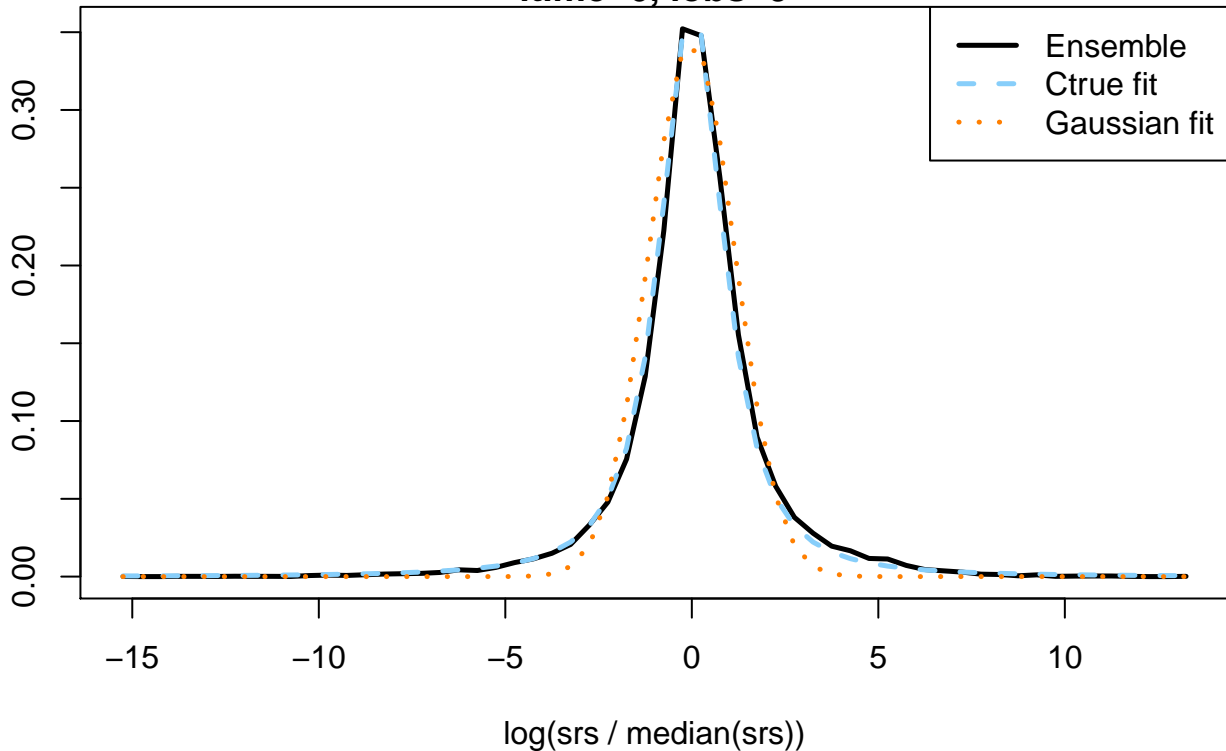
itime=6, iobs=8

density



itime=6, iobs=9

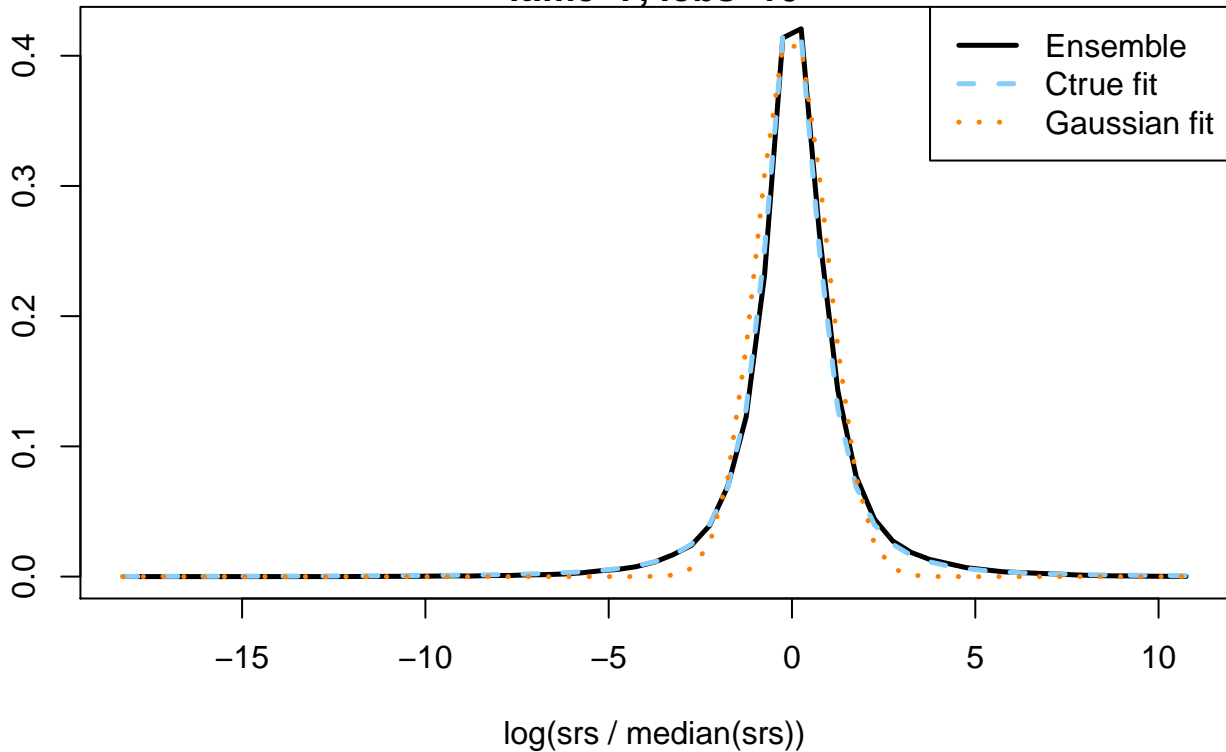
density



— Ensemble
- - Ctrue fit
... Gaussian fit

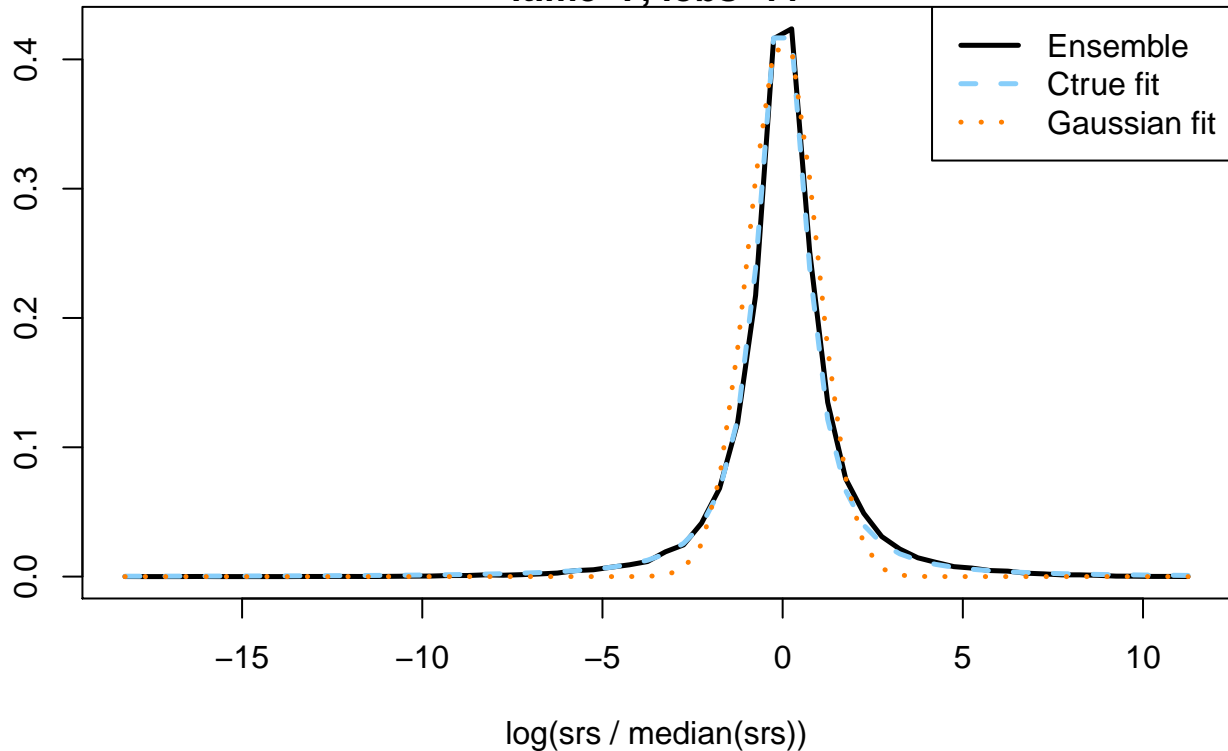
itime=7, iobs=10

density



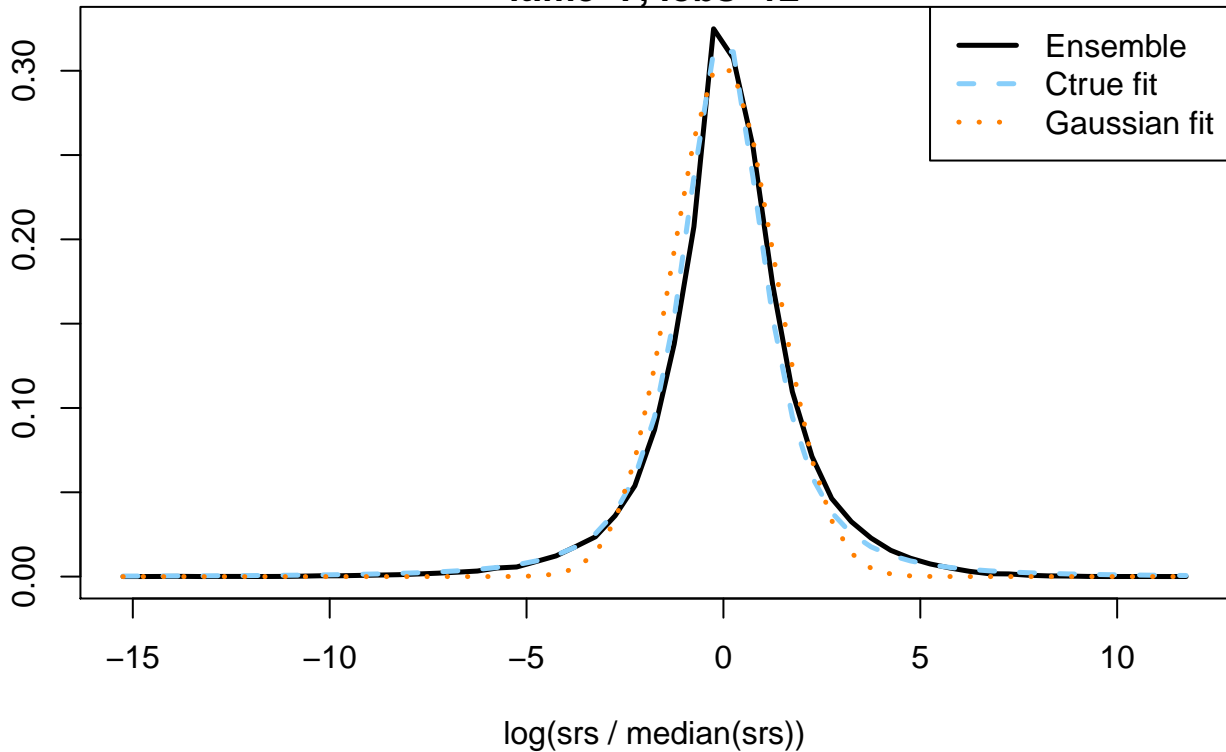
itime=7, iobs=11

density



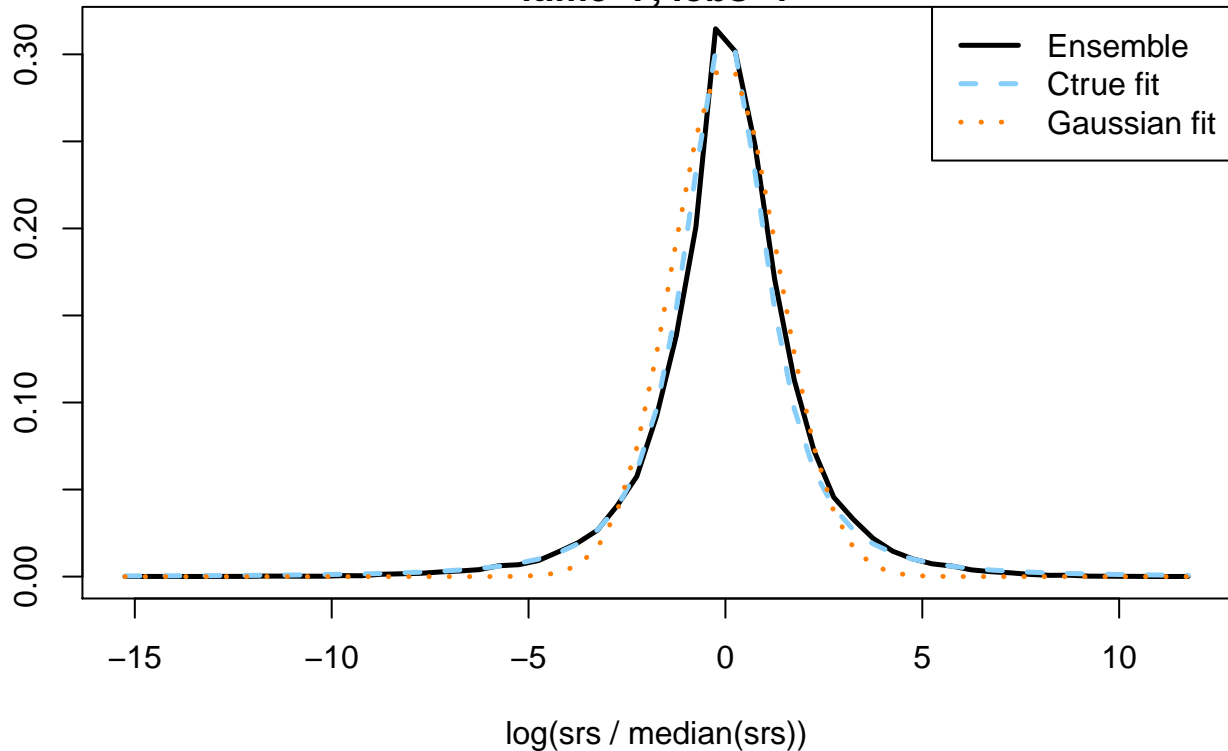
itime=7, iobs=12

density



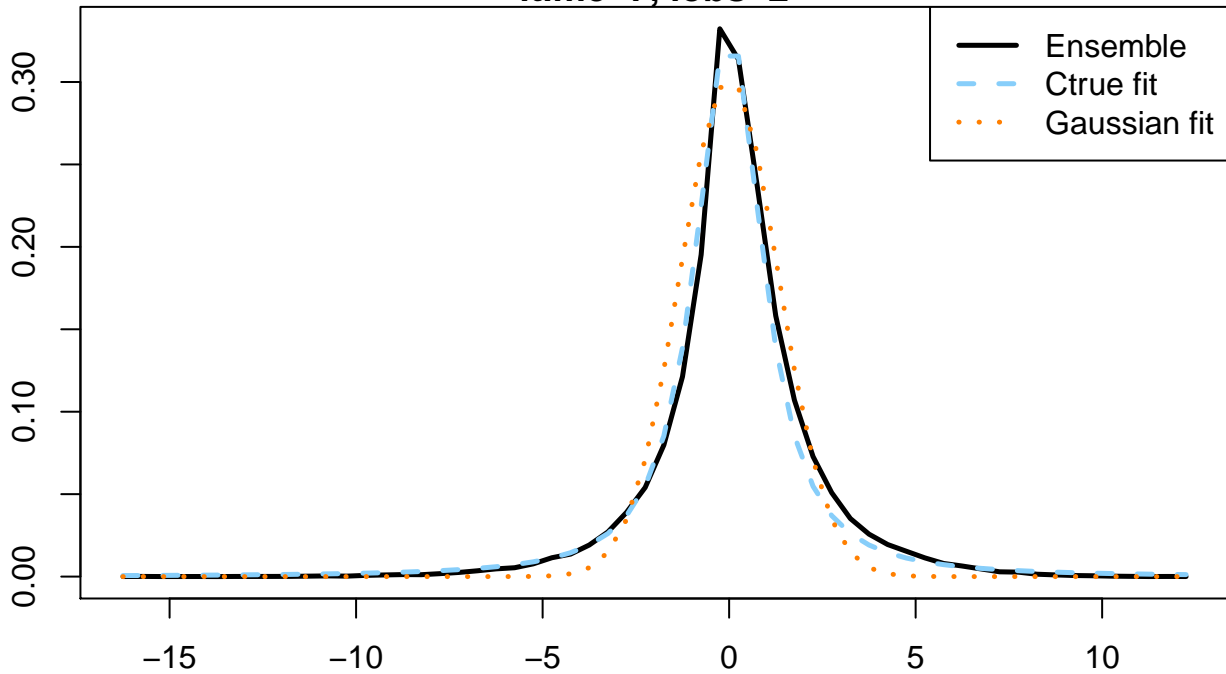
itime=7, iobs=1

density



itime=7, iobs=2

density

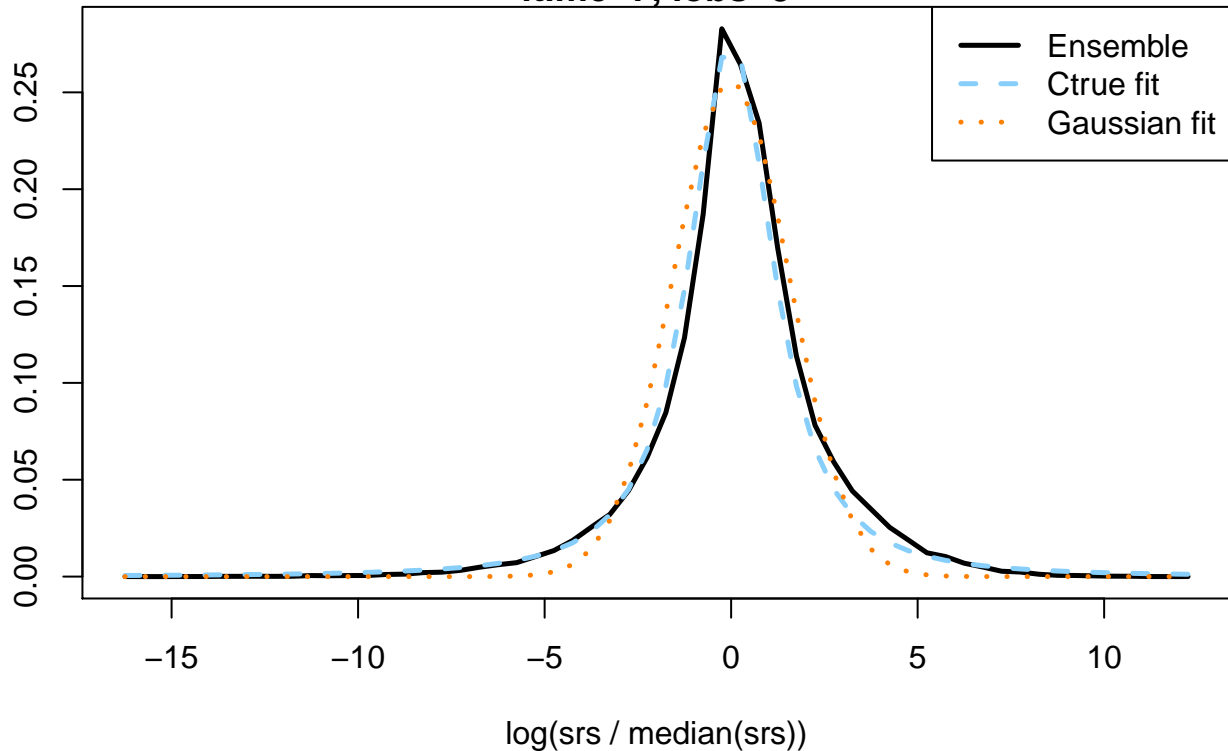


- Ensemble
- - Ctrue fit
- ... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

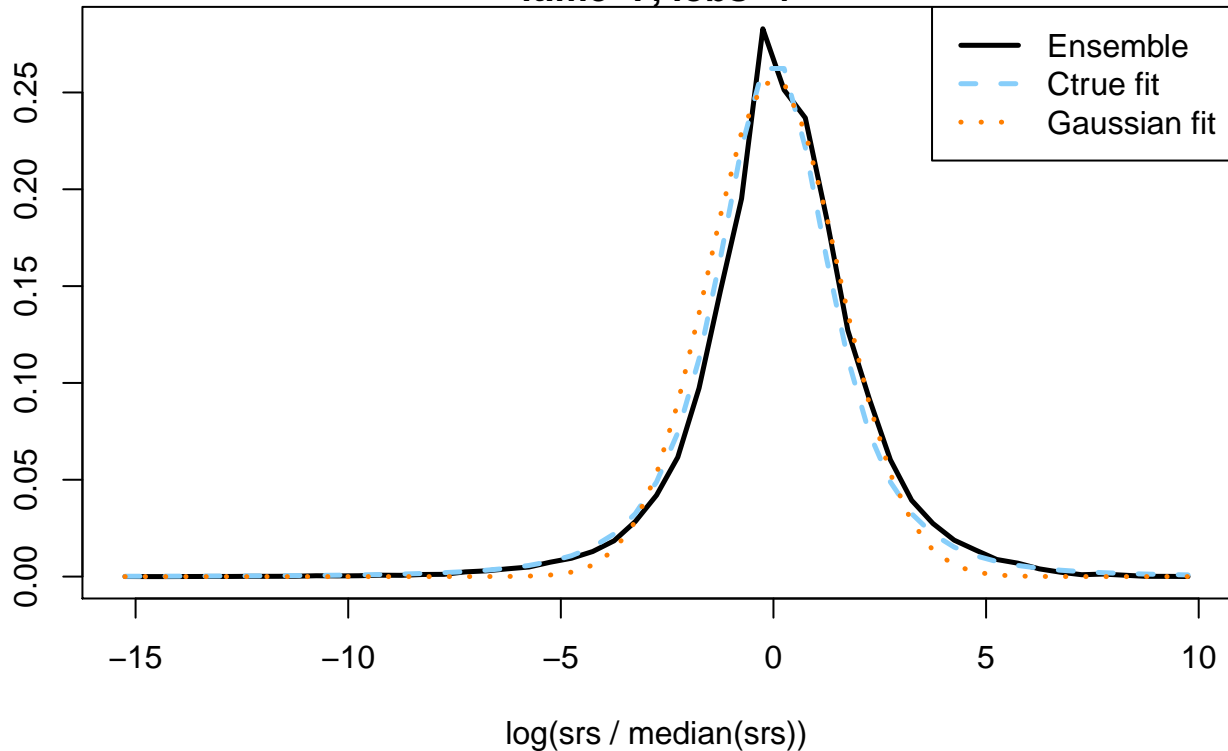
itime=7, iobs=3

density



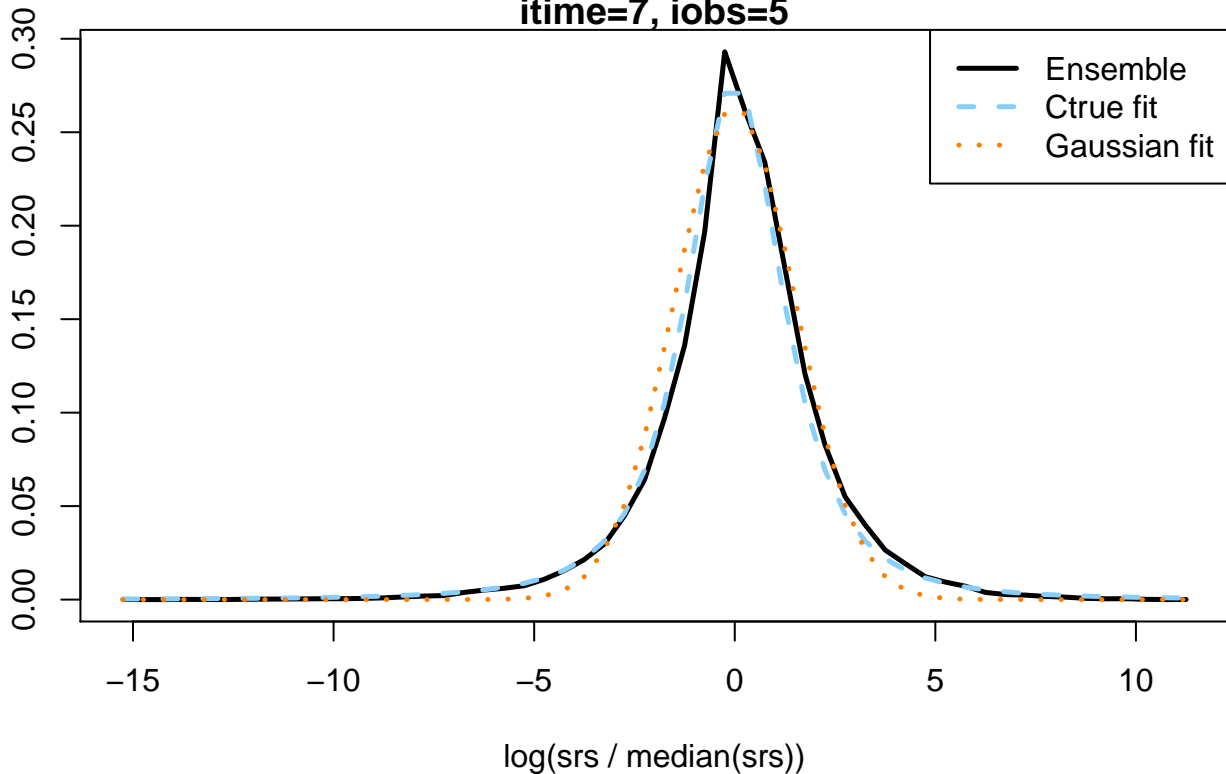
itime=7, iobs=4

density



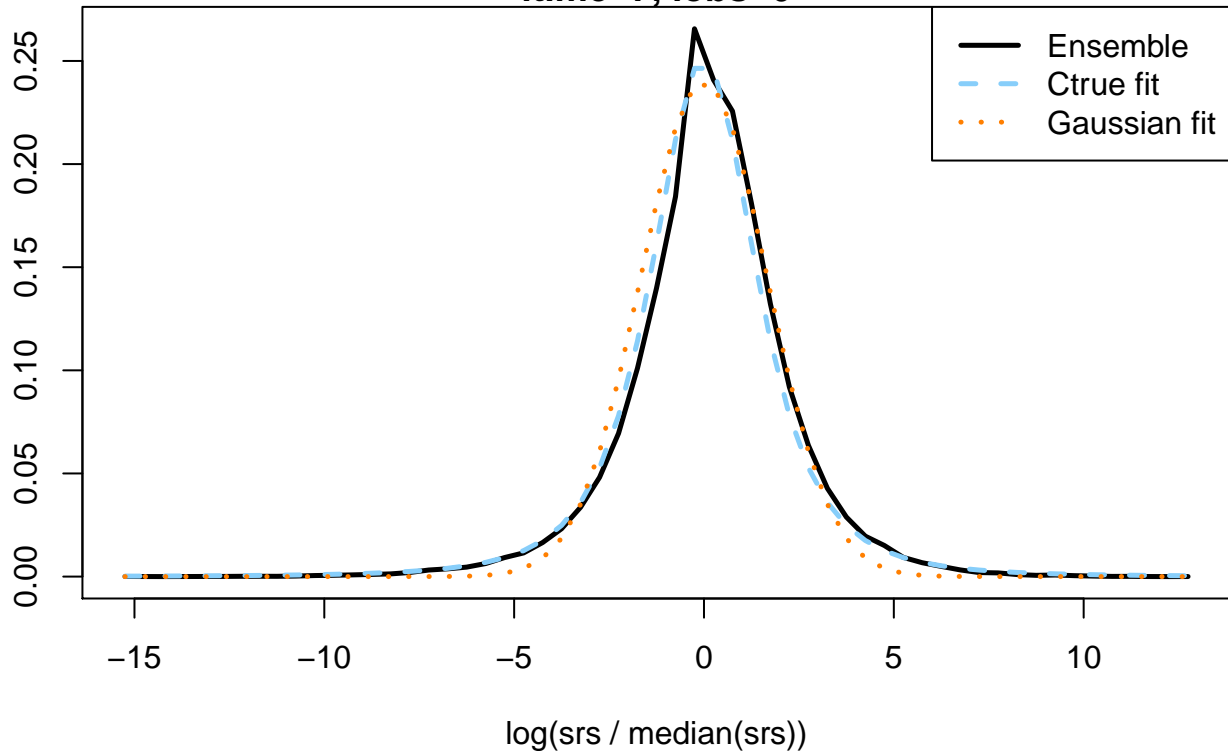
itime=7, iobs=5

density



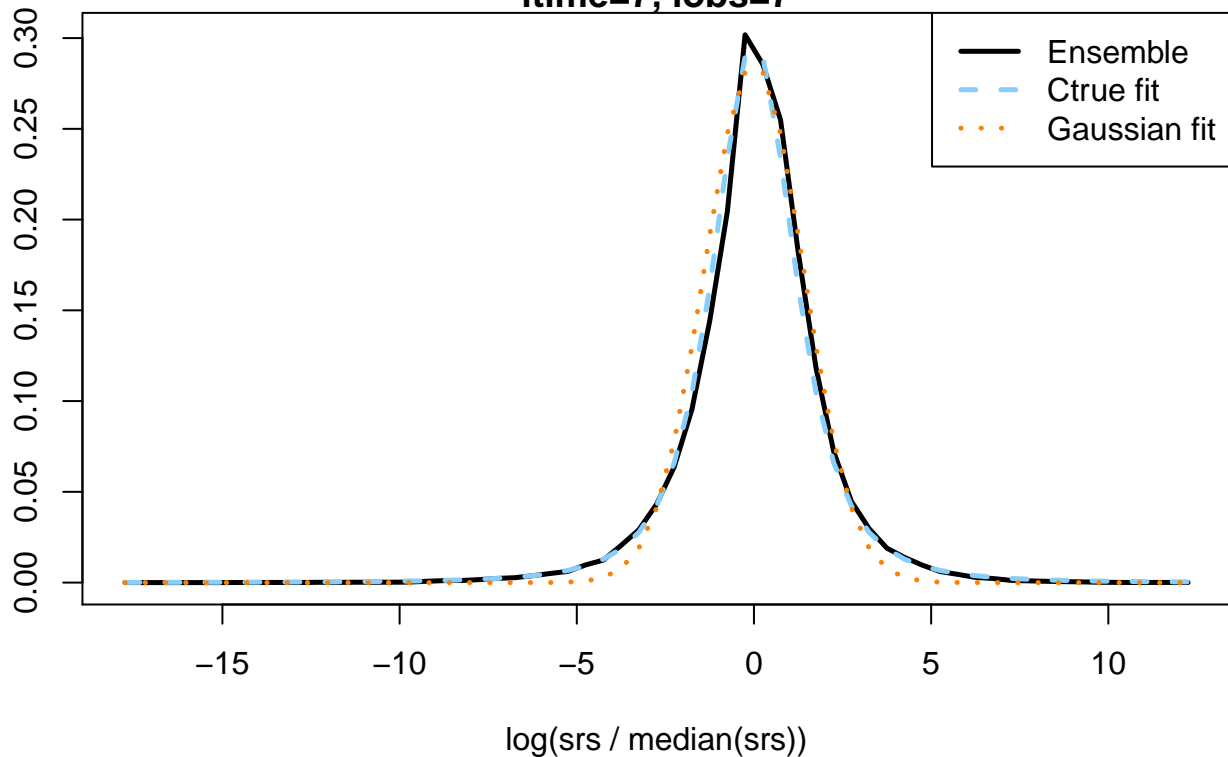
itime=7, iobs=6

density



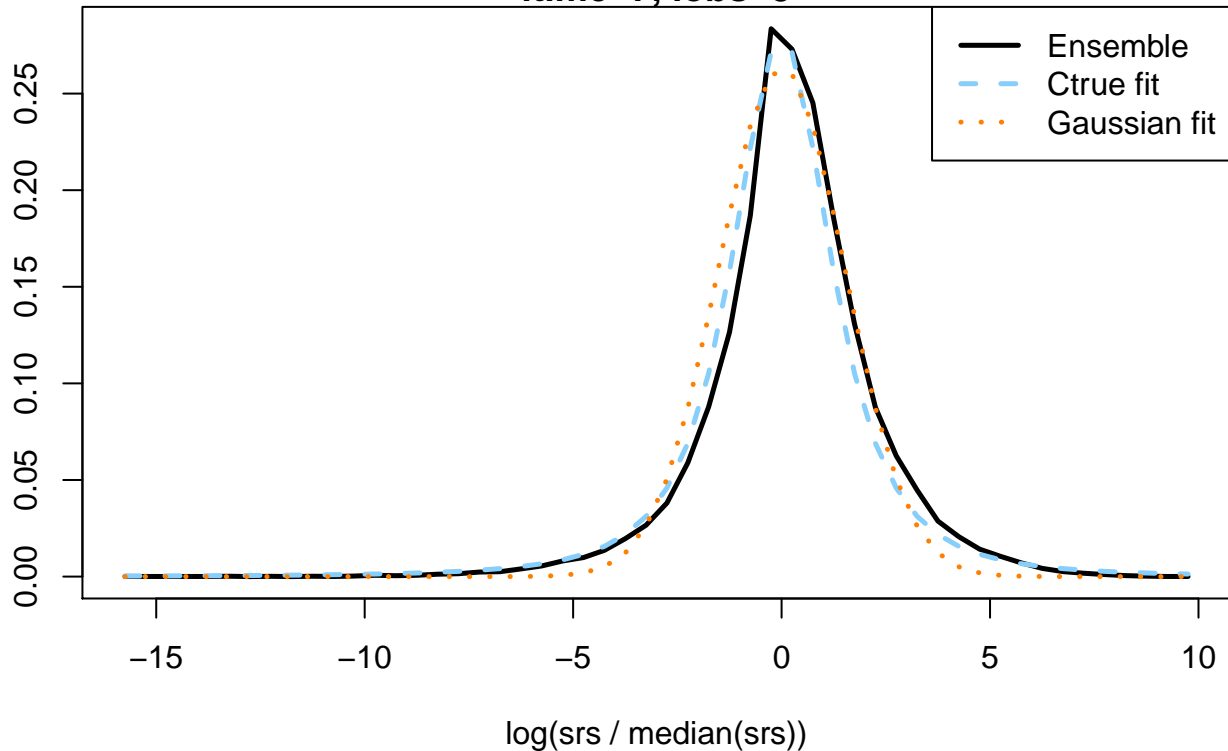
itime=7, iobs=7

density



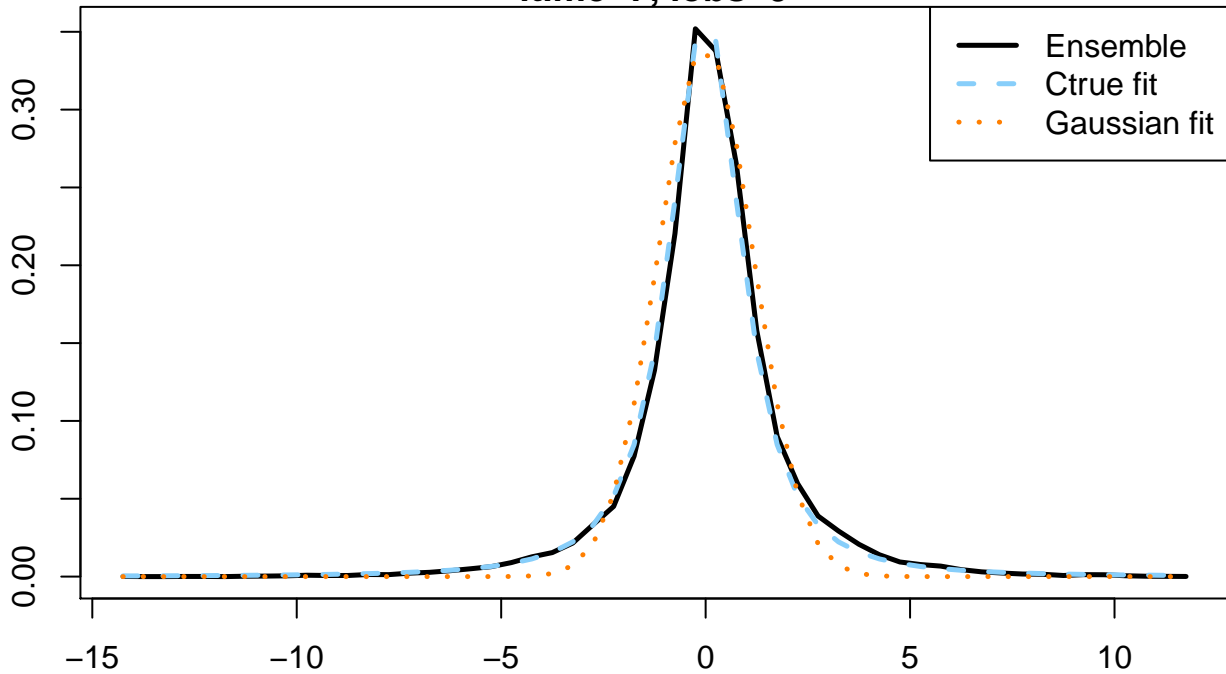
itime=7, iobs=8

density



itime=7, iobs=9

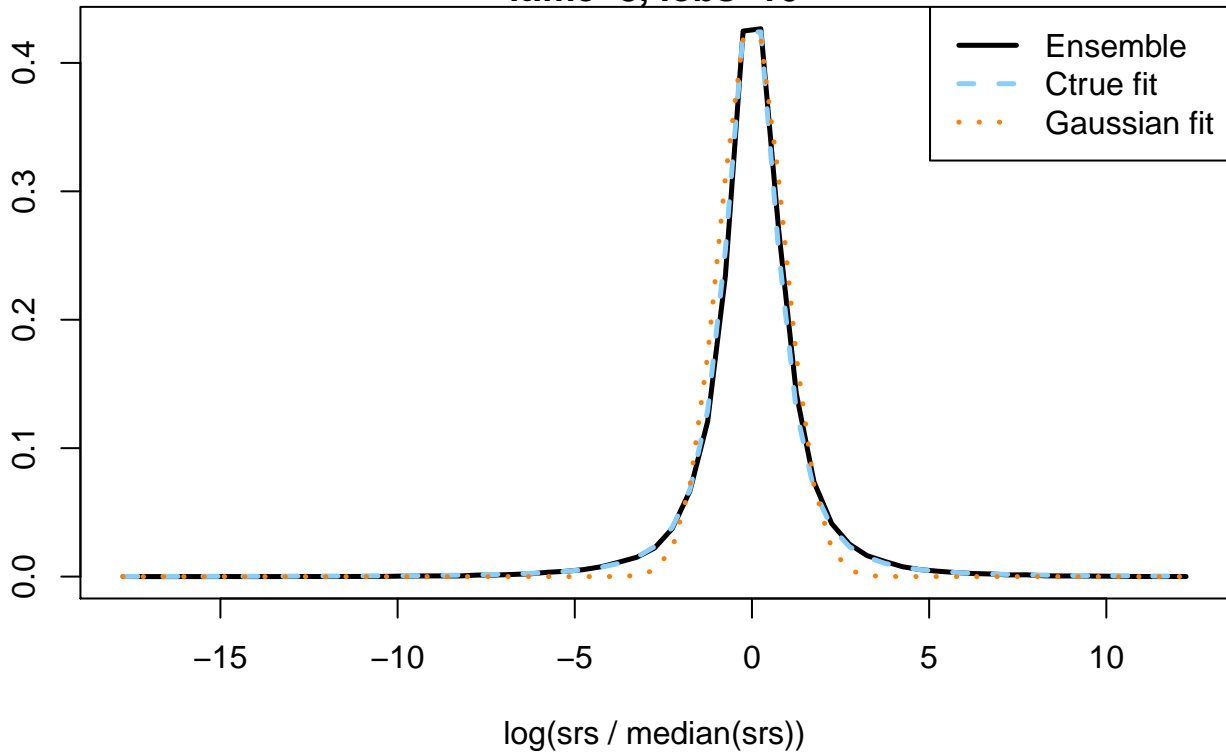
density



log(srs / median(srs))

itime=8, iobs=10

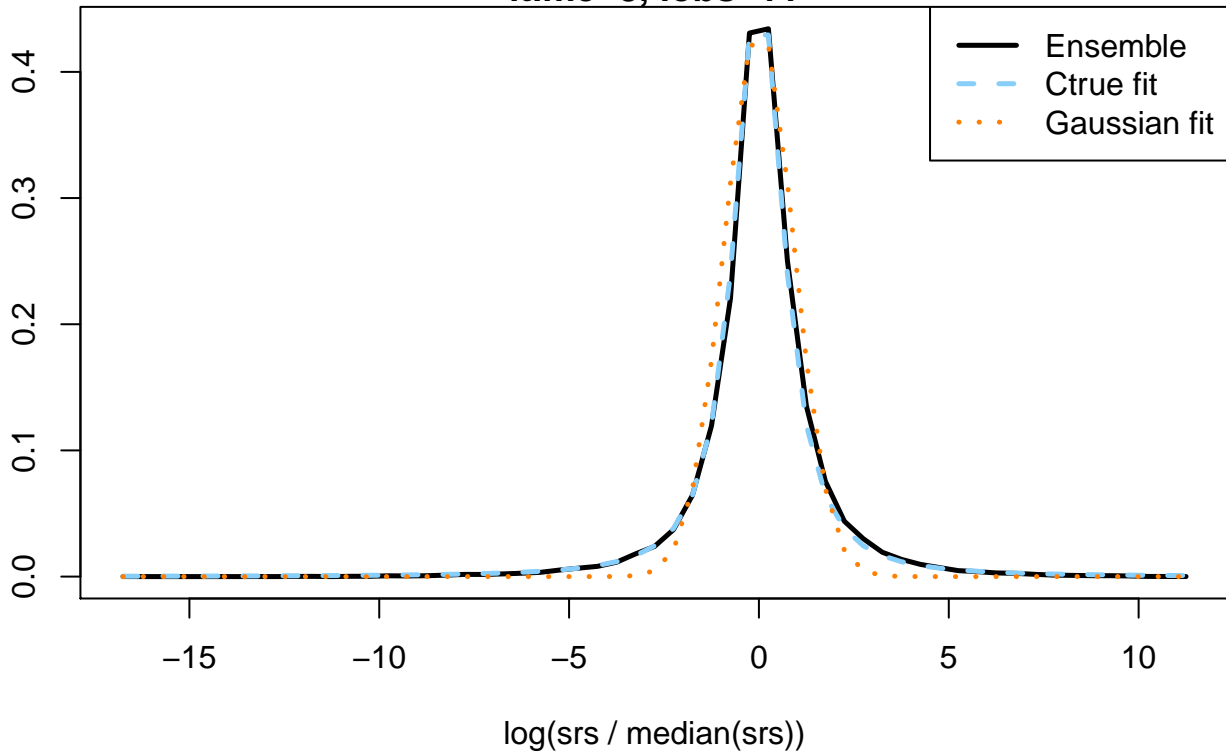
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=8, iobs=11

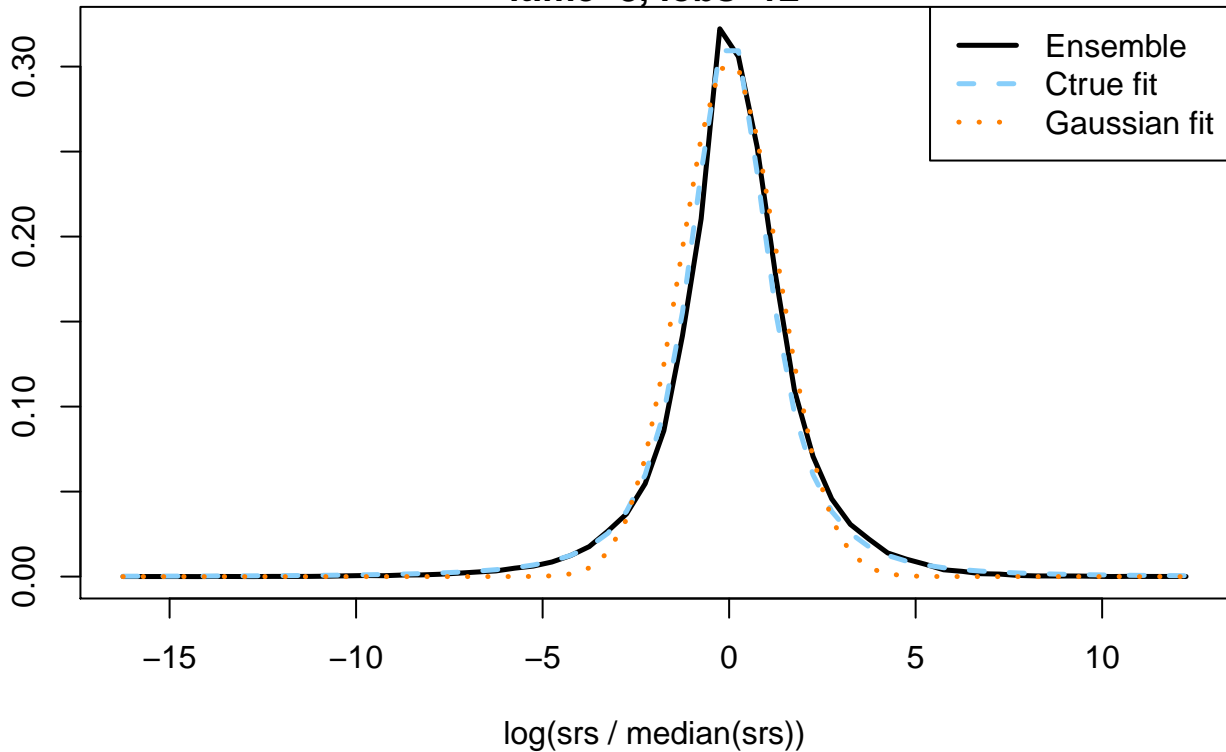
density



— Ensemble
- - Ctrue fit
... Gaussian fit

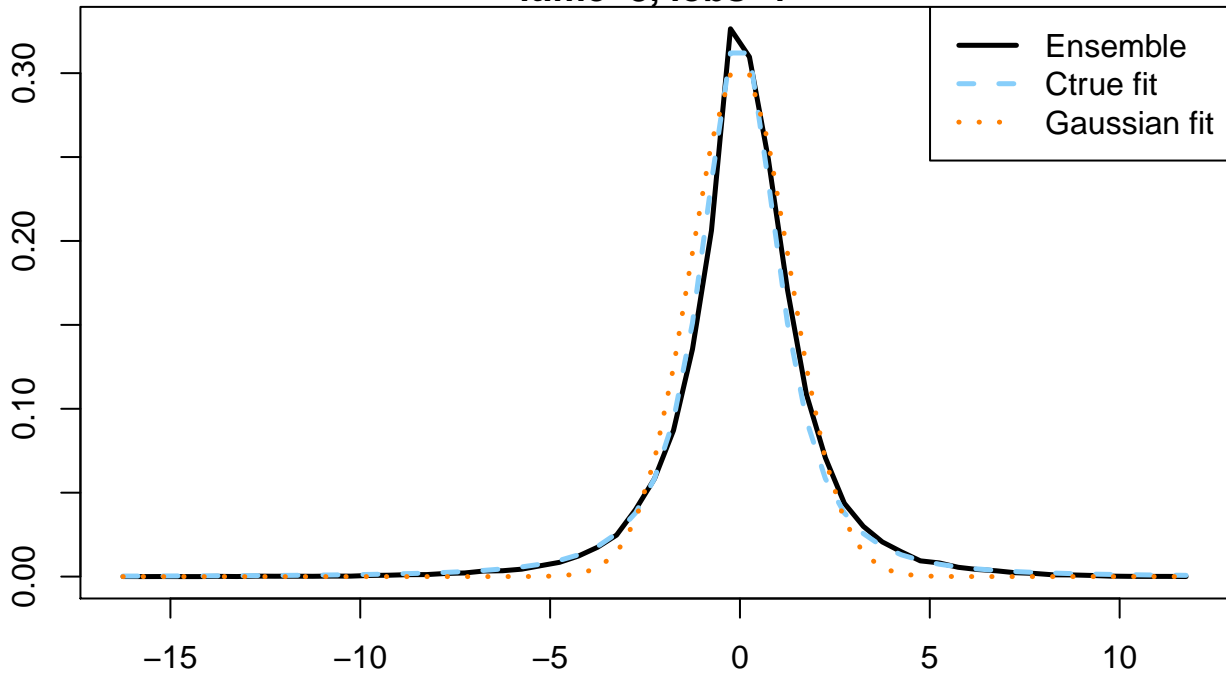
itime=8, iobs=12

density



itime=8, iobs=1

density

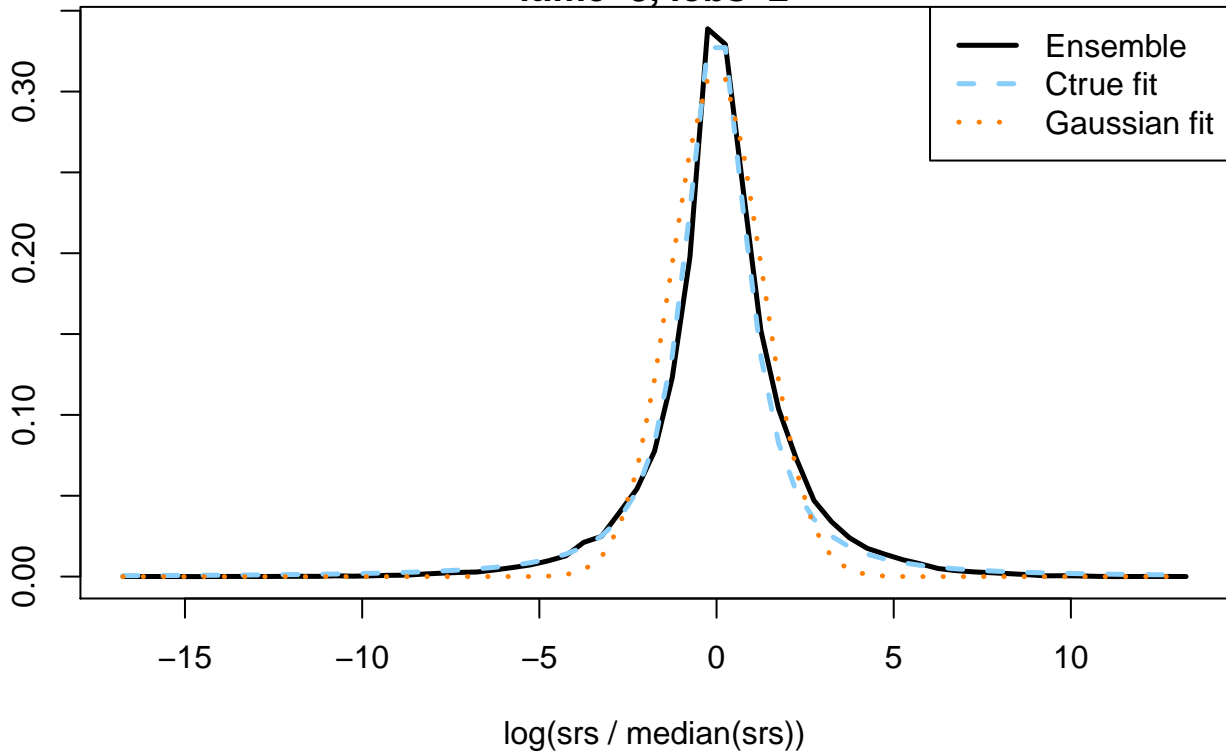


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

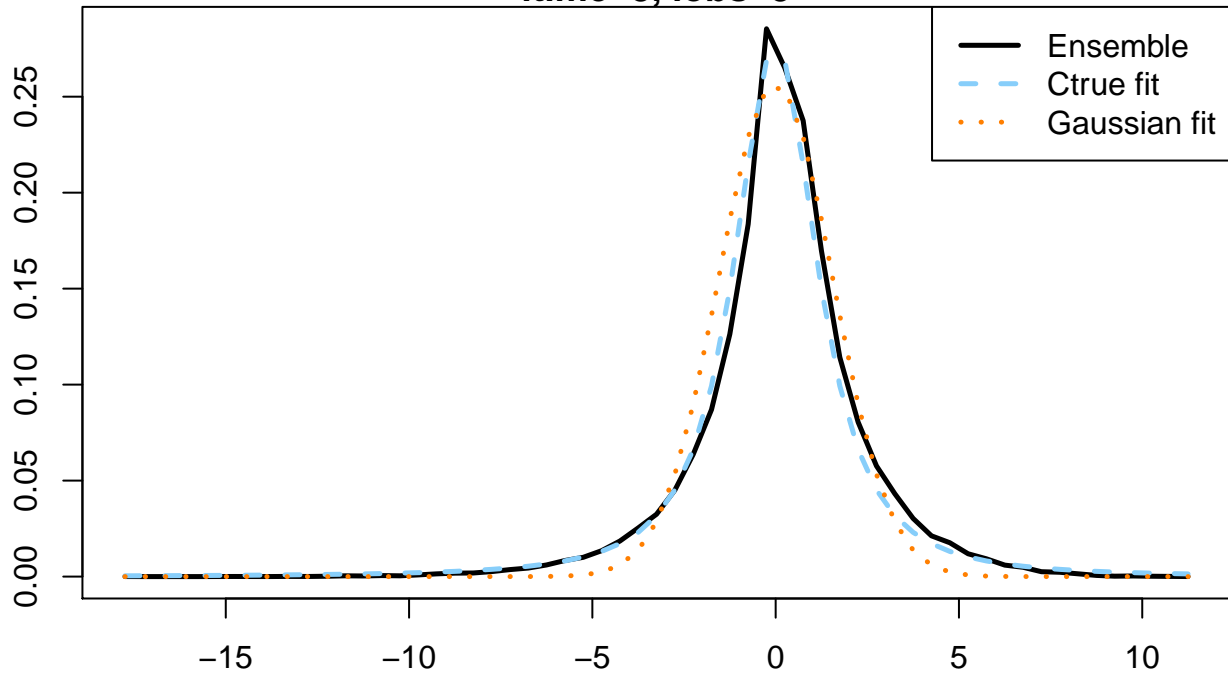
itime=8, iobs=2

density



itime=8, iobs=3

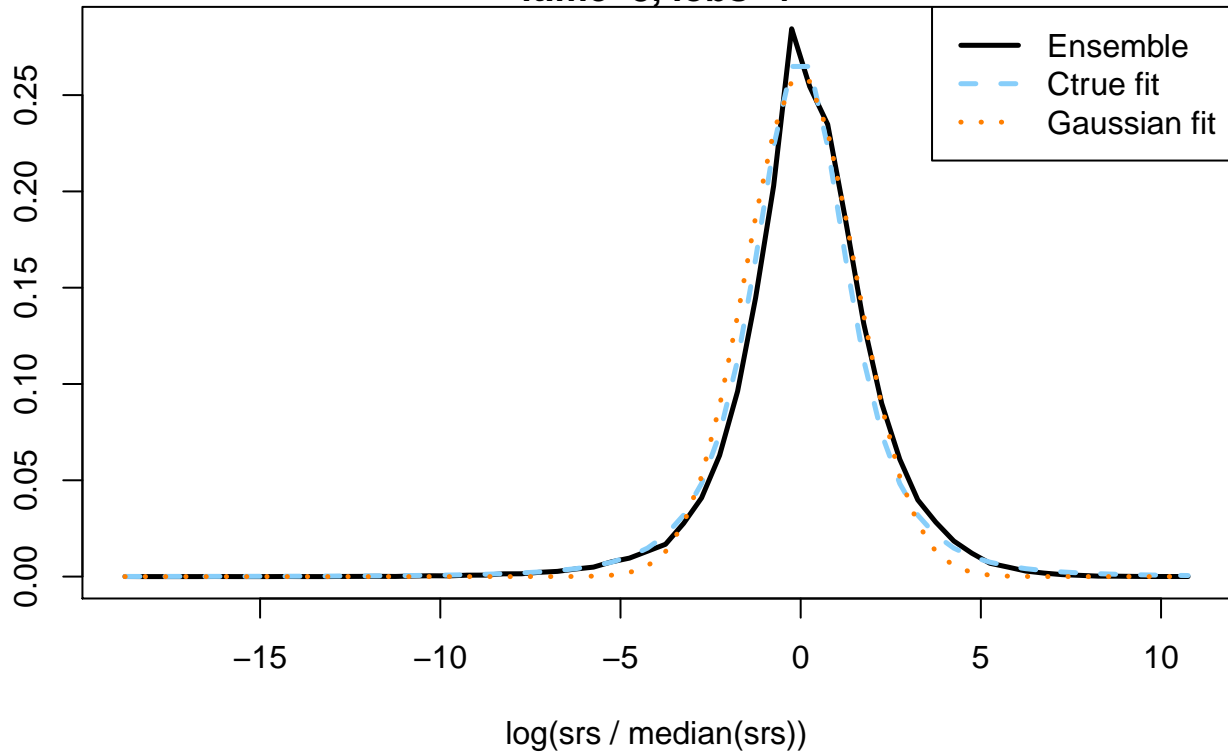
density



log(srs / median(srs))

itime=8, iobs=4

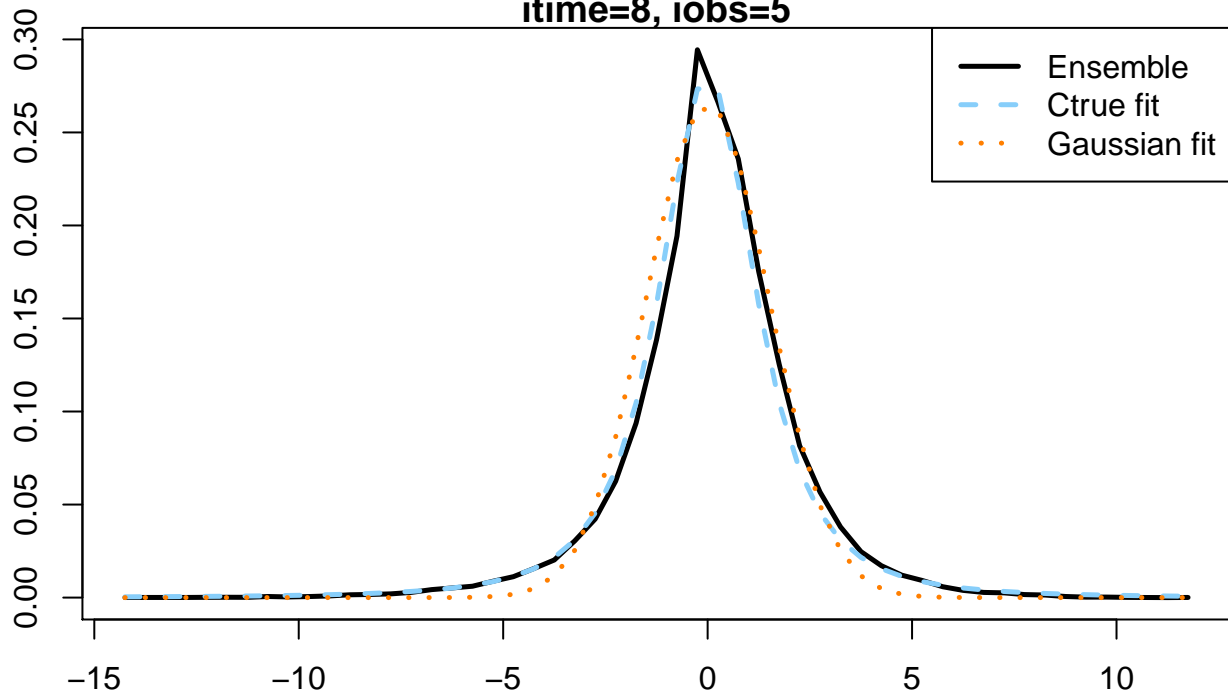
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=8, iobs=5

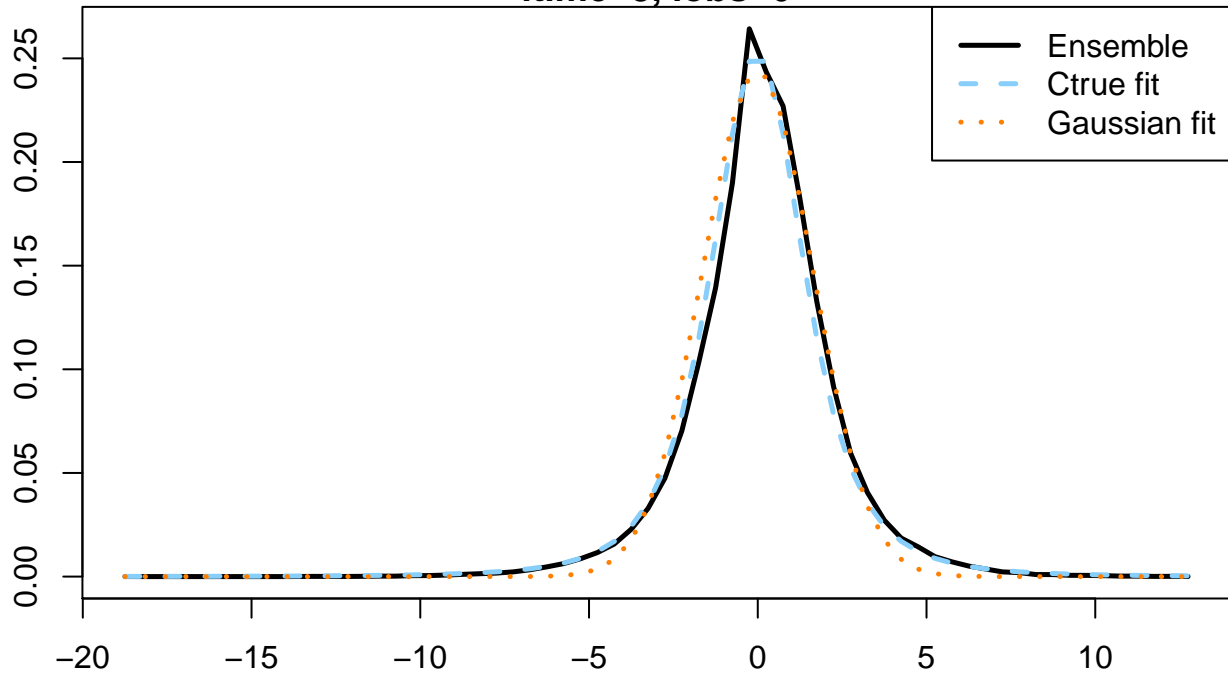
density



log(srs / median(srs))

itime=8, iobs=6

density

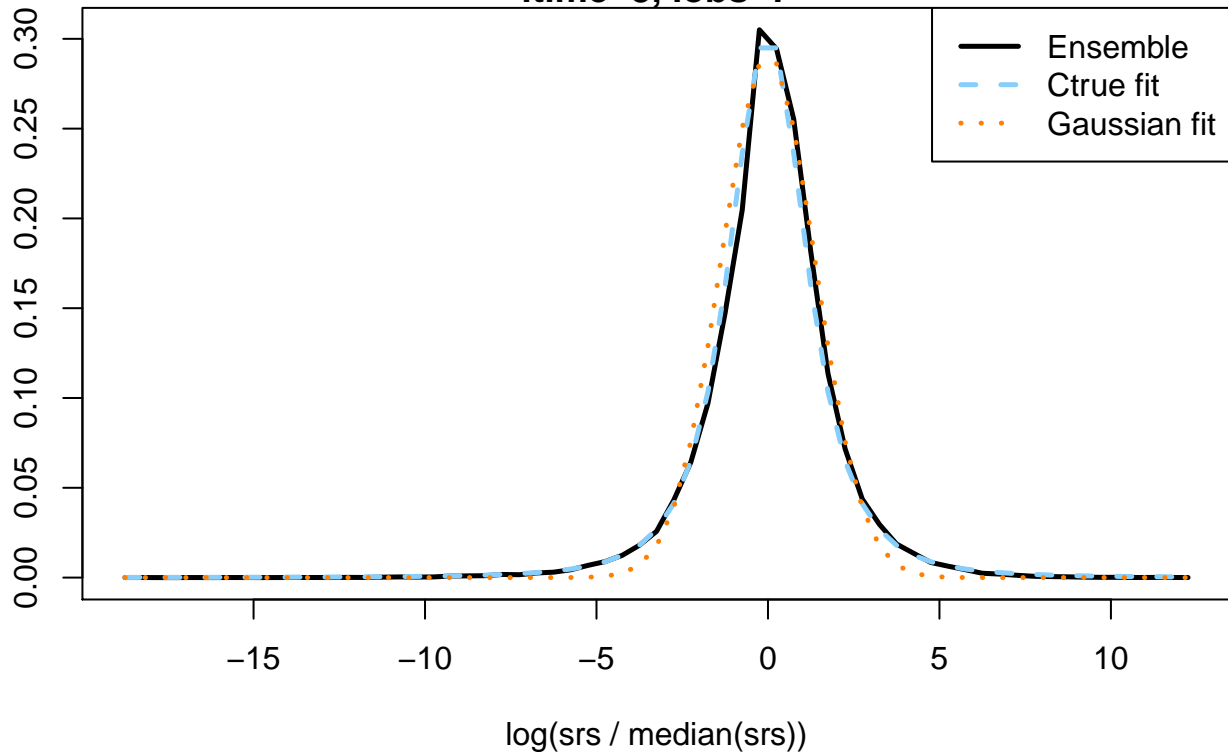


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

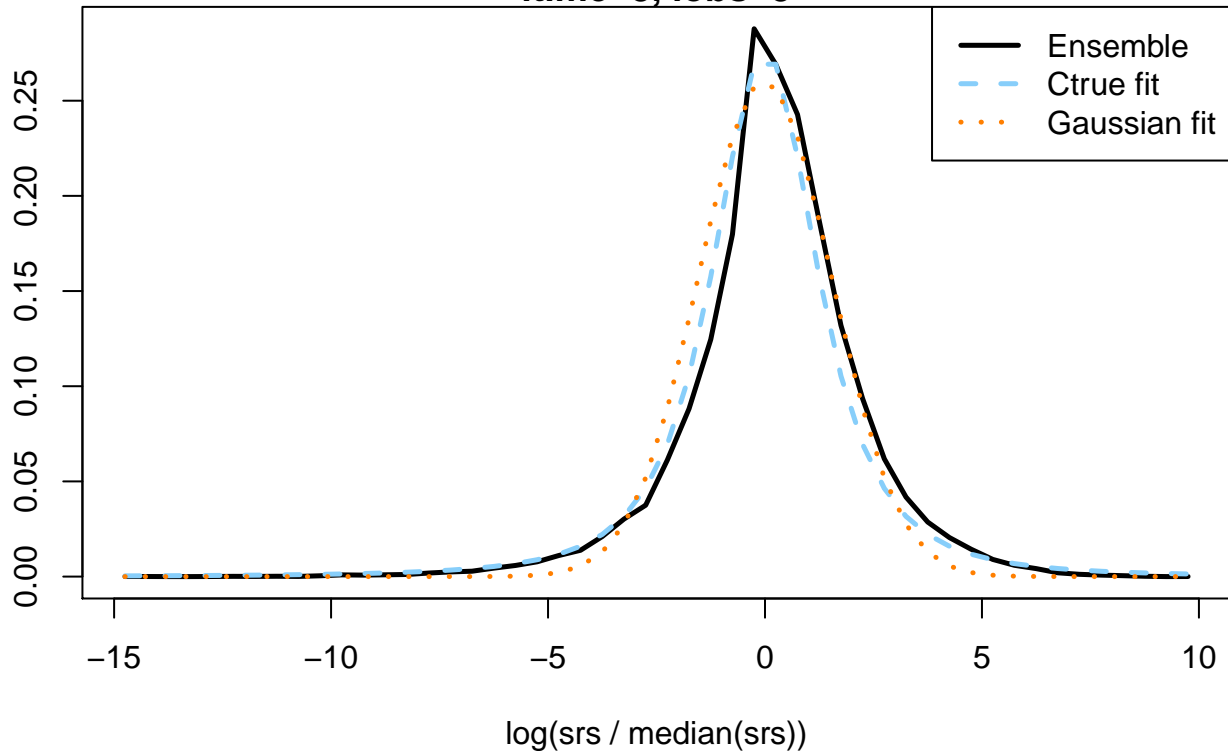
itime=8, iobs=7

density



itime=8, iobs=8

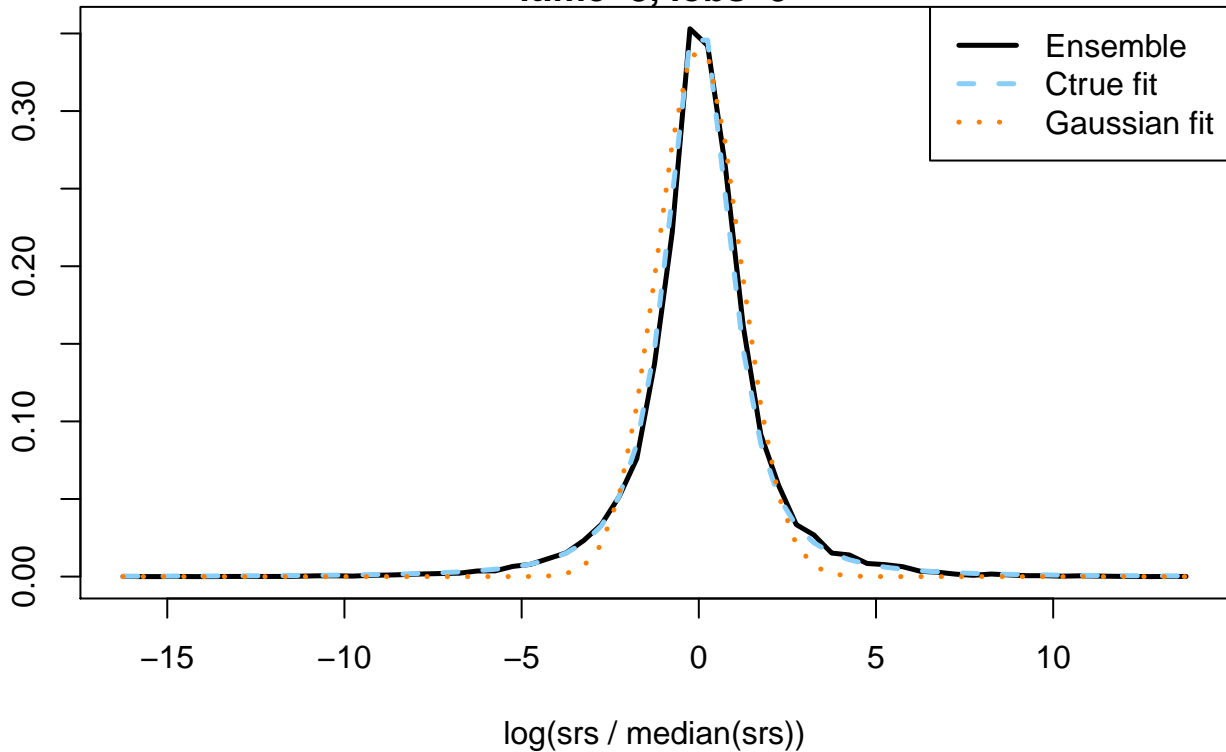
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=8, iobs=9

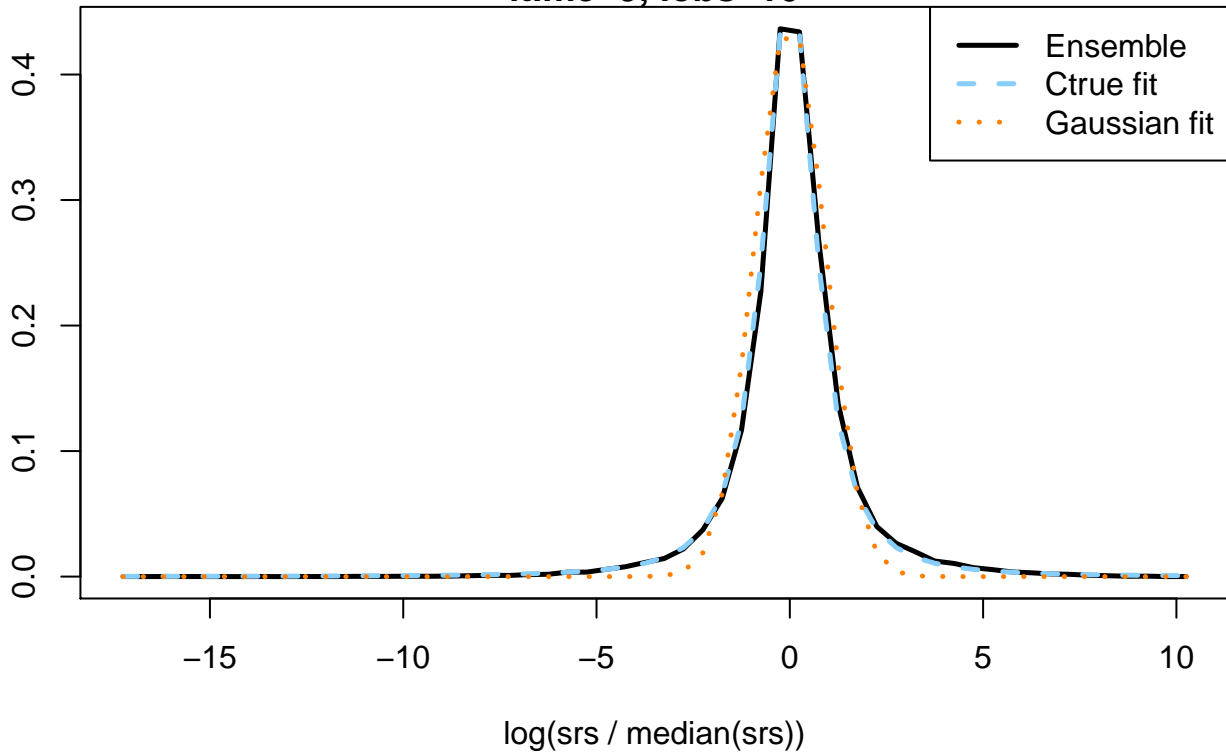
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=9, iobs=10

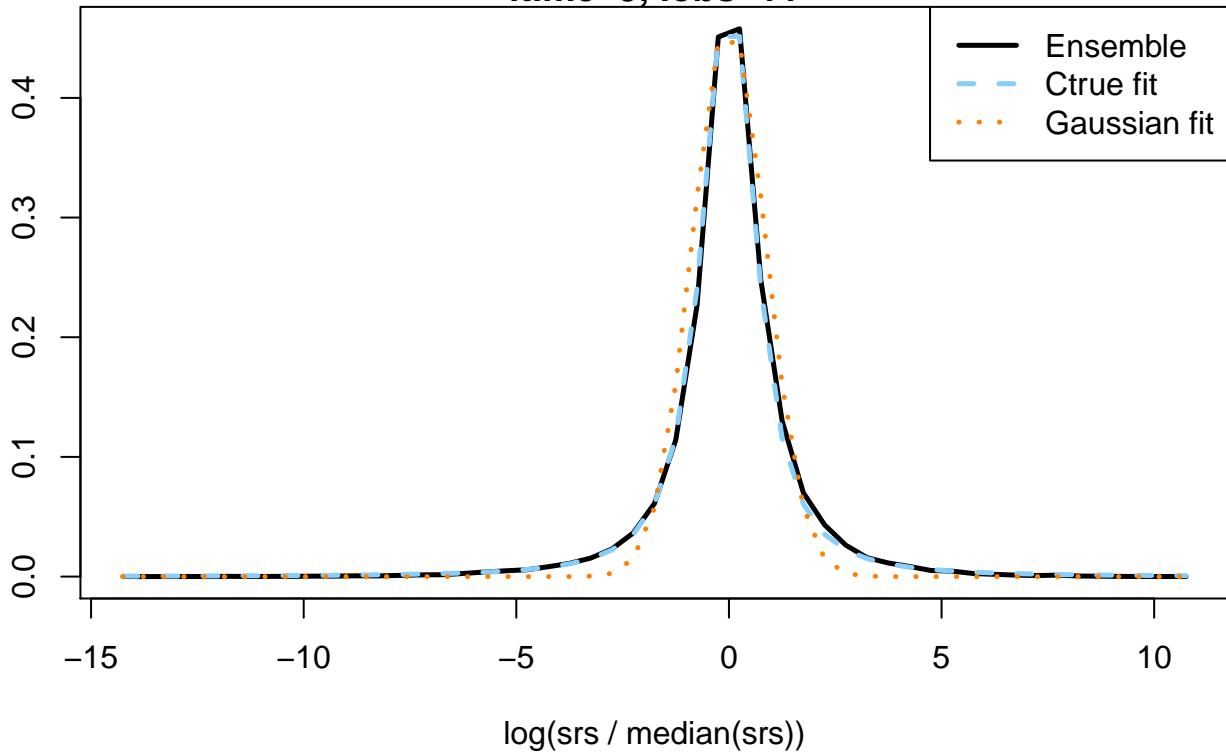
density



— Ensemble
- - Ctrue fit
... Gaussian fit

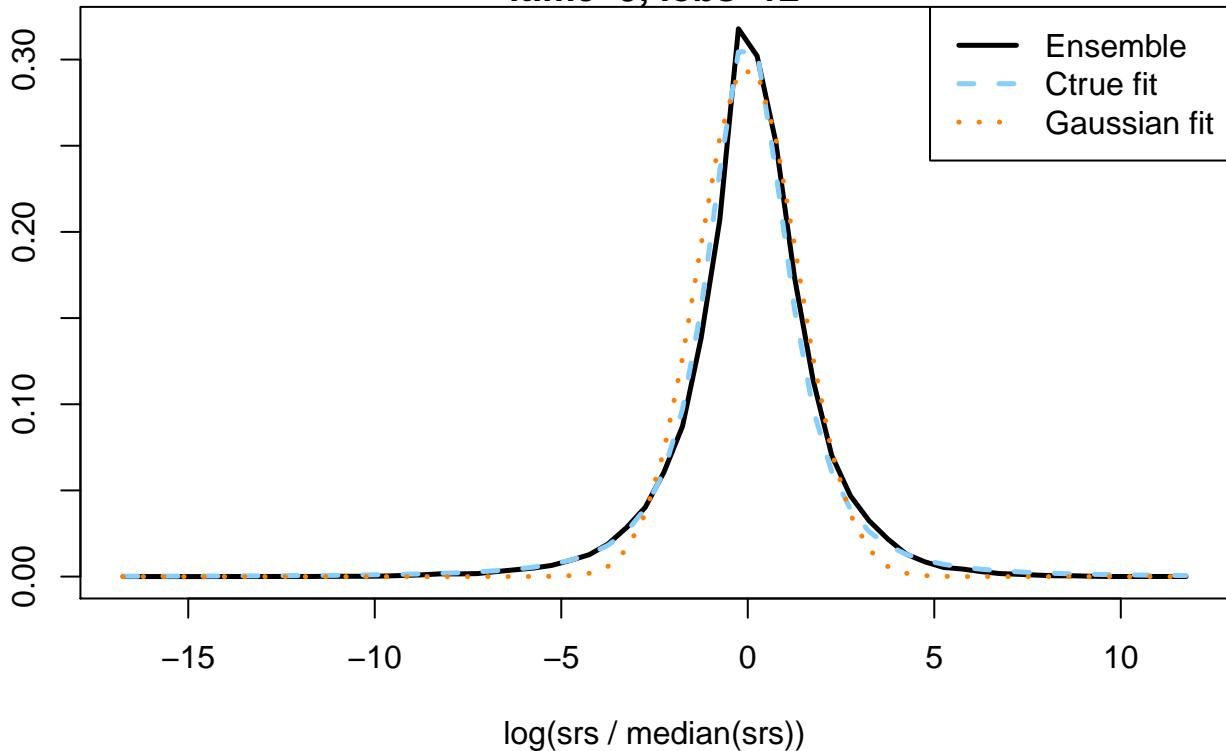
itime=9, iobs=11

density



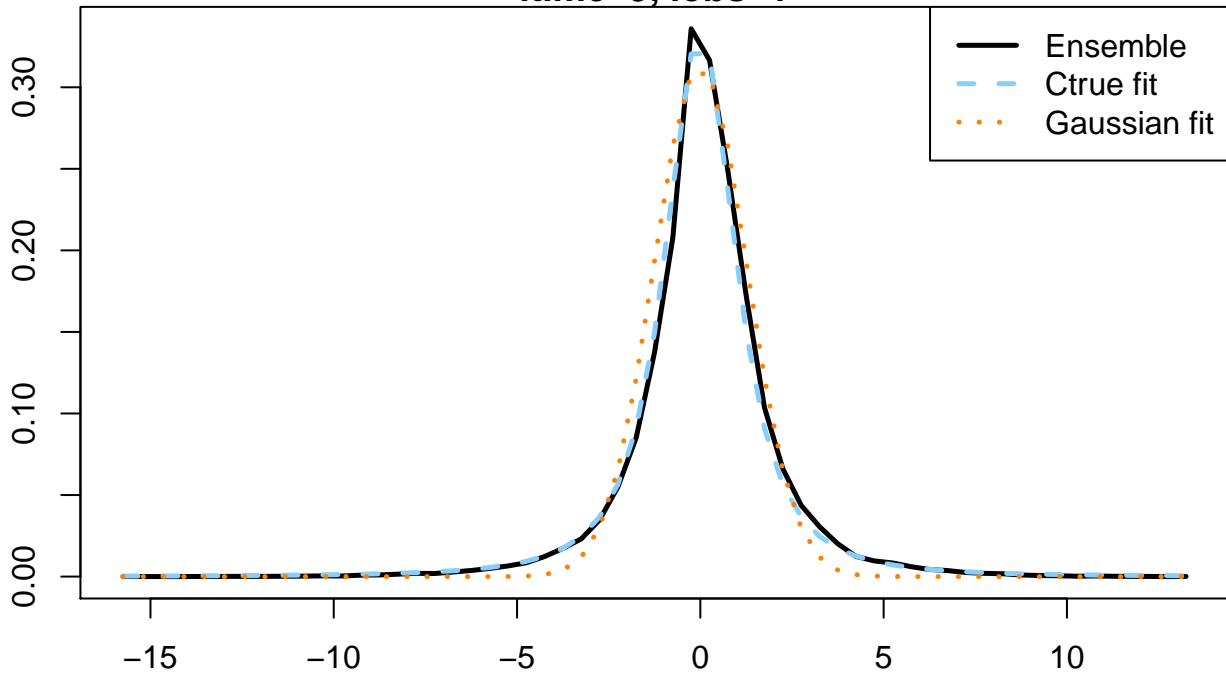
itime=9, iobs=12

density



itime=9, iobs=1

density

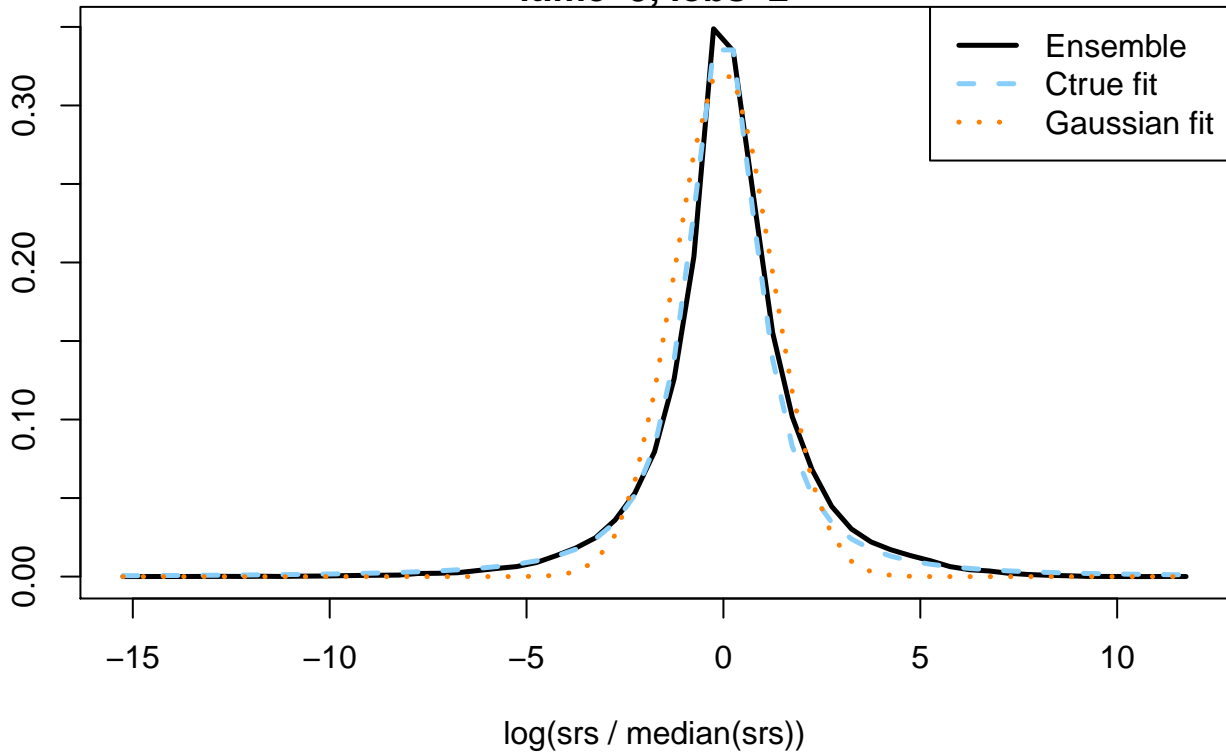


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

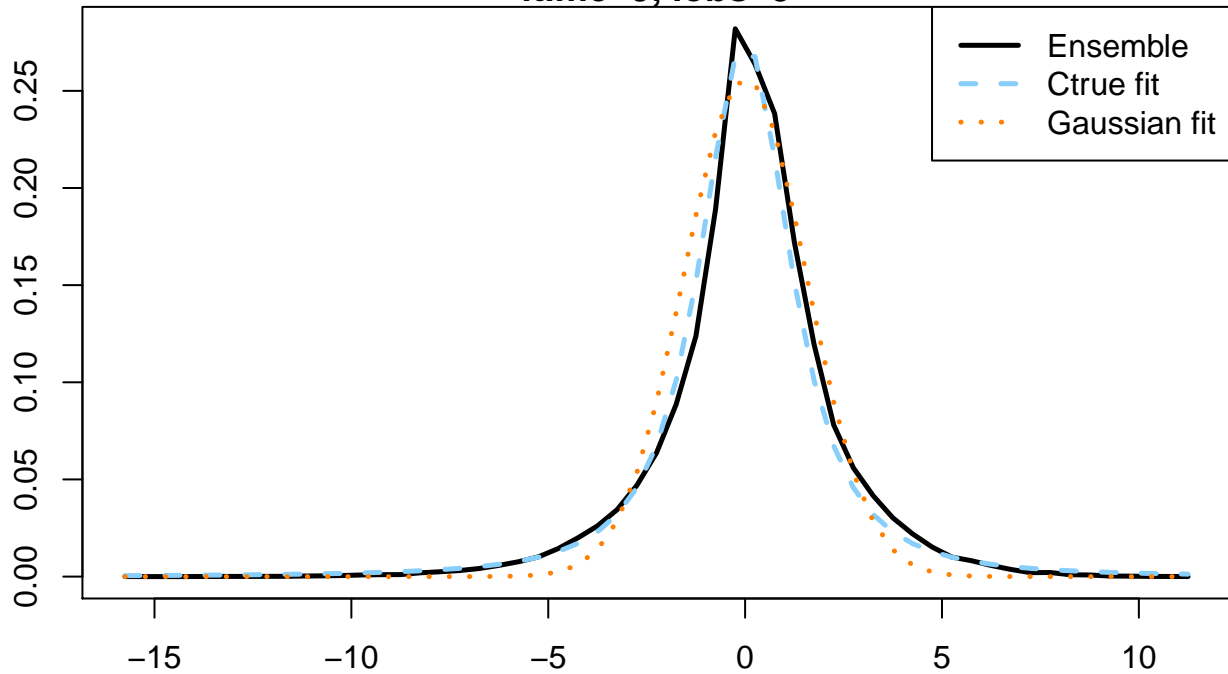
itime=9, iobs=2

density



itime=9, iobs=3

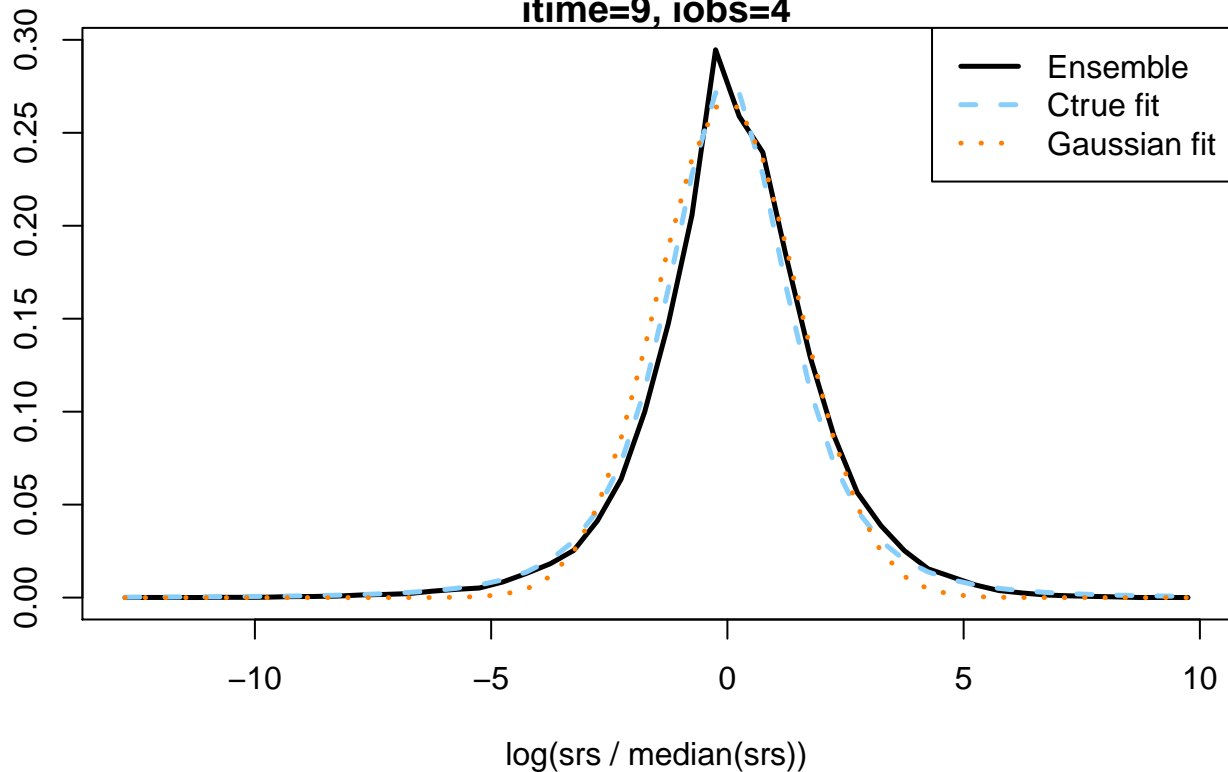
density



log(srs / median(srs))

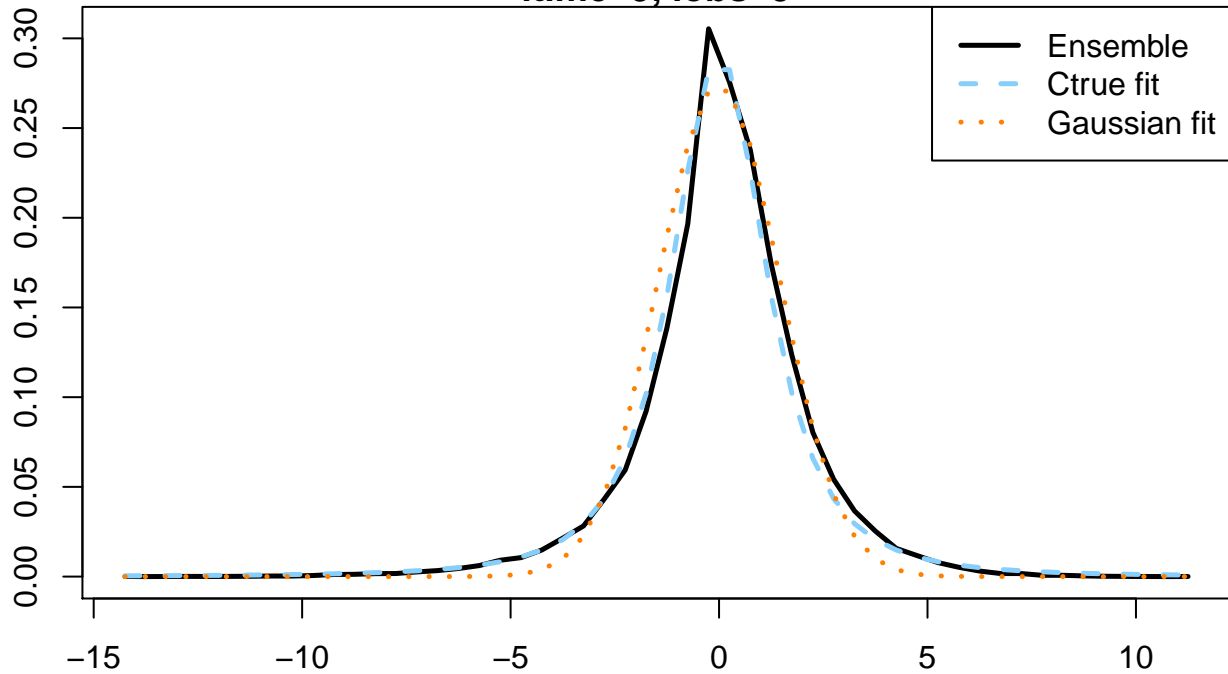
itime=9, iobs=4

density



itime=9, iobs=5

density

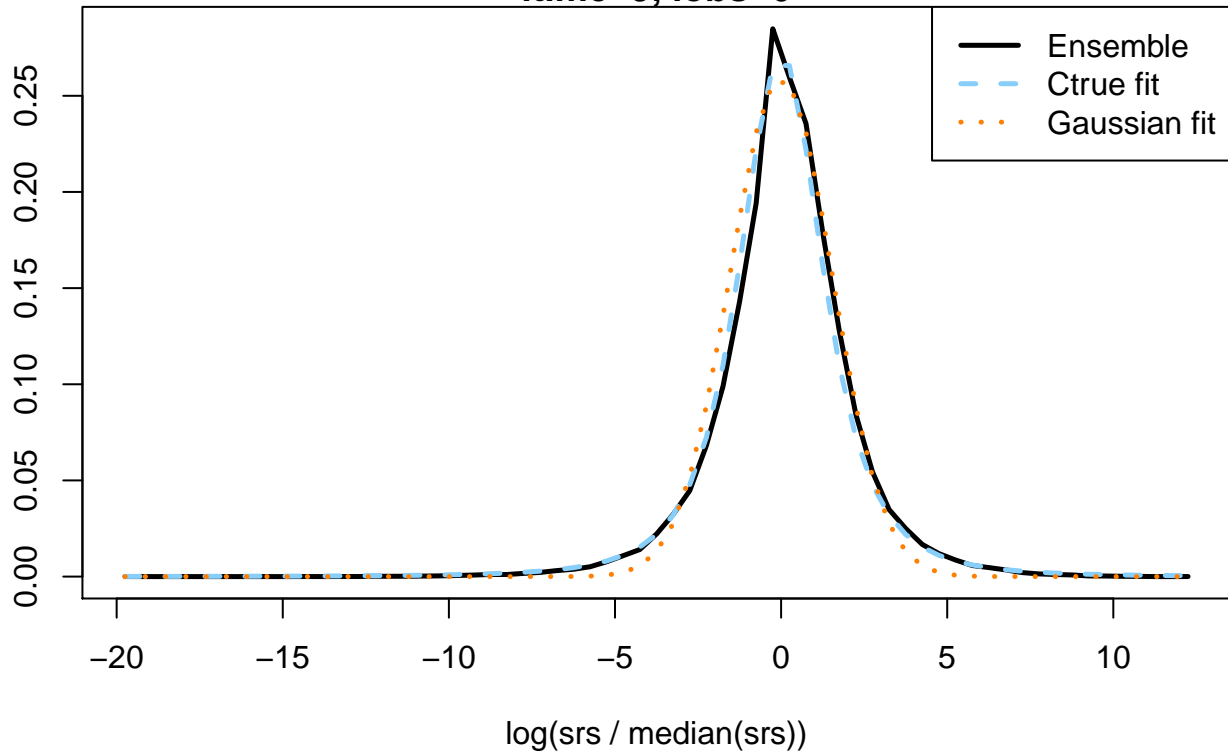


— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$

itime=9, iobs=6

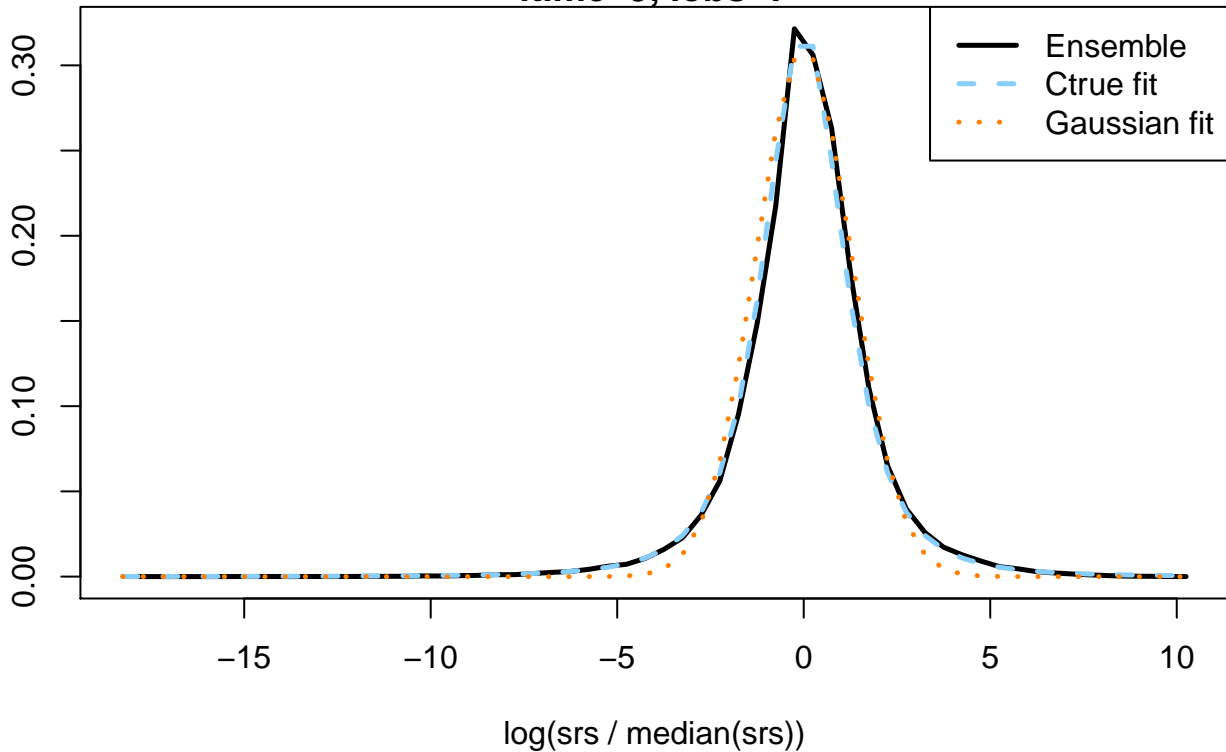
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=9, iobs=7

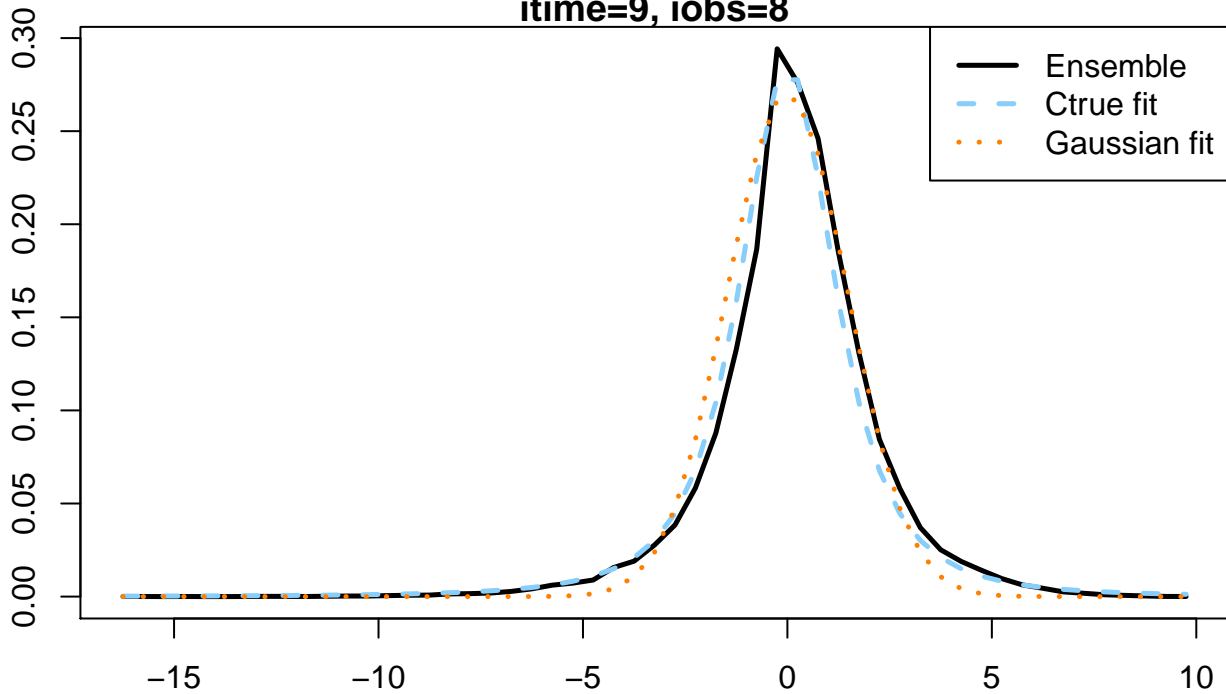
density



— Ensemble
- - Ctrue fit
... Gaussian fit

itime=9, iobs=8

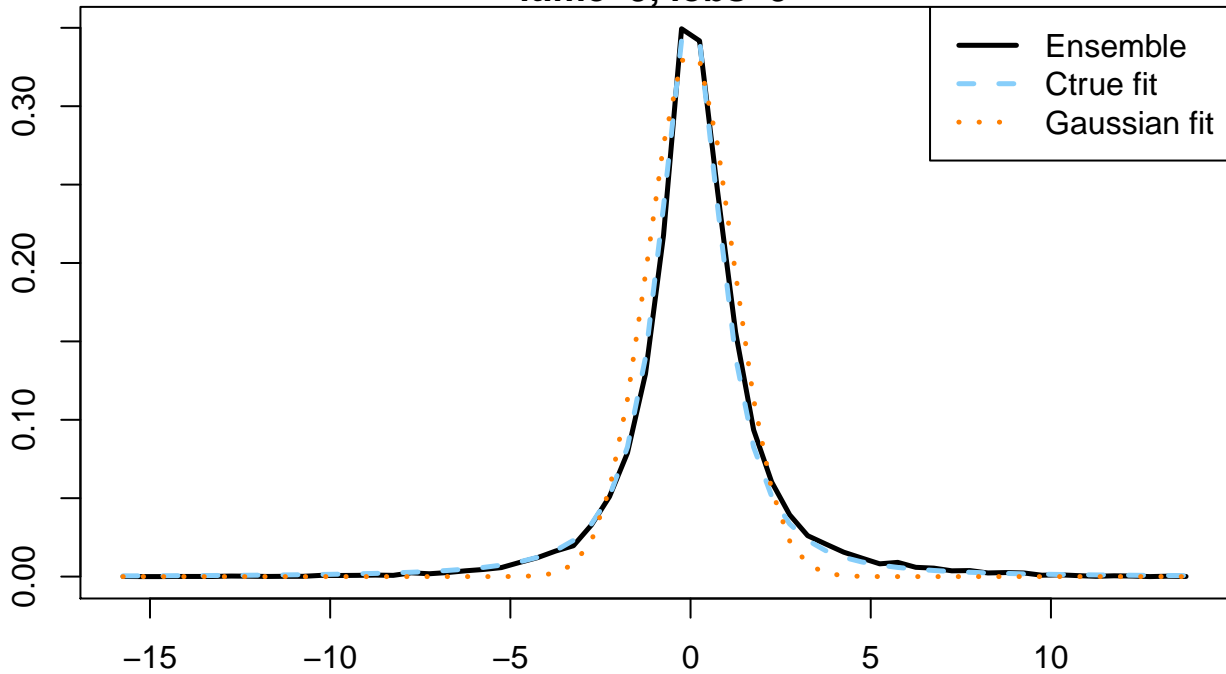
density



log(srs / median(srs))

itime=9, iobs=9

density



— Ensemble
- - Ctrue fit
... Gaussian fit

$\log(\text{srs} / \text{median}(\text{srs}))$