0 20000 40000 60000 80000

1.00 1.01 1.02 1.03 1.04 1.05

last iteration in chain

shrink factor

median

97.5%

d.7.1

0 20000 40000 60000 80000

1.00 1.01 1.02 1.03 1.04 1.05 1.06

last iteration in chain

shrink factor

median

97.5%

d.7.2

0 20000 40000 60000 80000

1.00 1.02 1.04 1.06 1.08 1.10

last iteration in chain

shrink factor

median

97.5%

d.7.3

0 20000 40000 60000 80000

1.00 1.02 1.04 1.06 1.08 1.10

last iteration in chain

shrink factor

median

97.5%

d.7.4

0 20000 40000 60000 80000

1.00 1.01 1.02 1.03

last iteration in chain

shrink factor

median

97.5%

d.7.5

0 20000 40000 60000 80000

1.00 1.02 1.04 1.06 1.08 1.10

last iteration in chain

shrink factor

median

97.5%

d.7.6

A. Brooks-Gelman-Rubin diagnostic for overall survival in the first-line treatments.

0 20000 40000 60000 80000

1.000 1.002 1.004 1.006 1.008 1.010 1.012

last iteration in chain

shrink factor

median

d.7.1

0 20000 40000 60000 80000

1.00 1.01 1.02 1.03 1.04

last iteration in chain

shrink factor

median

d.7.3

0 20000 40000 60000 80000

1.00 1.01 1.02 1.03 1.04

last iteration in chain

shrink factor

median

d.7.4

0 20000 40000 60000 80000

0.990 0.995 1.000

last iteration in chain

shrink factor

median

d.7.5

0 20000 40000 60000 80000

1.00 1.01 1.02 1.03 1.04 1.05 1.06 1.07

last iteration in chain

shrink factor

median

d.7.6

B. Brooks-Gelman-Rubin diagnostic for progression-free survival in the first-line treatments.

2e+04 4e+04 6e+04 8e+04 1e+05

1.00 1.01 1.02 1.03 1.04

last iteration in chain

shrink factor

median

d.7.1

2e+04 4e+04 6e+04 8e+04 1e+05

1.00 1.01 1.02 1.03 1.04 1.05

last iteration in chain

shrink factor

median

d.7.2

2e+04 4e+04 6e+04 8e+04 1e+05

1.000 1.005 1.010 1.015 1.020

last iteration in chain

shrink factor

median

d.7.4

2e+04 4e+04 6e+04 8e+04 1e+05

0.998 1.000 1.002 1.004 1.006 1.008

last iteration in chain

shrink factor

median

d.7.5

2e+04 4e+04 6e+04 8e+04 1e+05

0.995 1.000 1.005 1.010 1.015 1.020

last iteration in chain

shrink factor

median

d.7.6

C. Brooks-Gelman-Rubin diagnostic for overall response rate in the first-line treatments.

2e+04 4e+04 6e+04 8e+04 1e+05

1.00 1.02 1.04 1.06 1.08

last iteration in chain

shrink factor

median

d.7.1

2e+04 4e+04 6e+04 8e+04 1e+05

0.998 1.000 1.002 1.004 1.006 1.008 1.010

last iteration in chain

shrink factor

median

d.7.2

2e+04 4e+04 6e+04 8e+04 1e+05

0.995 1.000 1.005 1.010 1.015

last iteration in chain

shrink factor

median

d.7.3

2e+04 4e+04 6e+04 8e+04 1e+05

1.000 1.002 1.004 1.006 1.008 1.010 1.012

last iteration in chain

shrink factor

median

d.7.4

2e+04 4e+04 6e+04 8e+04 1e+05

1.000 1.002 1.004 1.006 1.008 1.010 1.012

last iteration in chain

shrink factor

median

d.7.5

2e+04 4e+04 6e+04 8e+04 1e+05

1.00 1.01 1.02 1.03

last iteration in chain

shrink factor

median

d.7.6

'%URRNV*HOPDQ5XELQGLDJQRVWLFIRUJUDGHDGYHUVHHYHUWVLQWKHILUVWOLQHWUHDWPHQWV

0 20000 40000 60000 80000

1.00 1.02 1.04 1.06 1.08

last iteration in chain

shrink factor

median

d.6.1

0 20000 40000 60000 80000

1.00 1.02 1.04 1.06 1.08 1.10 1.12 1.14

last iteration in chain

shrink factor

median

d.6.2

0 20000 40000 60000 80000

1.00 1.02 1.04 1.06 1.08

last iteration in chain

shrink factor

median

d.6.3

0 20000 40000 60000 80000

1.00 1.01 1.02 1.03 1.04 1.05 1.06

last iteration in chain

shrink factor

median

d.6.4

0 20000 40000 60000 80000

1.00 1.02 1.04 1.06 1.08

last iteration in chain

shrink factor

median

d.6.5

E. Brooks-Gelman-Rubin diagnostic for overall survival in the second-line treatments.

0 20000 40000 60000 80000

0.9

9 1.0

0 1.01 1.0

2 1.0

3 1.04

last iteration in chain

shrink factor

median
97.5%

d.6.1

0 20000 40000 60000 80000

1.00

0 1.00

5 1.01

0 1.01

5 1.020 1.02

5 1.030

last iteration in chain

shrink factor

median
97.5%

d.6.2

0 20000 40000 60000 80000

1.0

0 1.02 1.0

4 1.06 1.08

last iteration in chain

shrink factor

median
97.5%

d.6.3

0 20000 40000 60000 80000

1.0

0 1.0

2 1.04 1.0

6 1.08

last iteration in chain

shrink factor

median
97.5%

d.6.5

F. Brooks-Gelman-Rubin diagnostic for progression-free survival in the second-line treatments.

2e+04 4e+04 6e+04 8e+04 1e+05

1.000 1.005 1.010 1.015 1.020

last iteration in chain

shrink factor

median

d.6.1

2e+04 4e+04 6e+04 8e+04 1e+05

1.00 1.01 1.02 1.03

last iteration in chain

shrink factor

median

d.6.2

2e+04 4e+04 6e+04 8e+04 1e+05

1.000 1.010 1.020 1.030

last iteration in chain

shrink factor

median

d.6.3

2e+04 4e+04 6e+04 8e+04 1e+05

1.000 1.005 1.010 1.015 1.020 1.025 1.030

last iteration in chain

shrink factor

median

d.6.4

2e+04 4e+04 6e+04 8e+04 1e+05

1.000 1.002 1.004 1.006 1.008

last iteration in chain

shrink factor

median

d.6.5

G. Brooks-Gelman-Rubin diagnostic for overall response rate in the second-line treatments.

2e+04 4e+04 6e+04 8e+04 1e+05

1.000 1.002 1.004 1.006 1.008 1.010 1.012 1.014

last iteration in chain

shrink factor

median

d.6.1

2e+04 4e+04 6e+04 8e+04 1e+05

1.00 1.02 1.04 1.06 1.08 1.10

last iteration in chain

shrink factor

median

d.6.2

2e+04 4e+04 6e+04 8e+04 1e+05

1.000 1.005 1.010 1.015

last iteration in chain

shrink factor

median

d.6.3

2e+04 4e+04 6e+04 8e+04 1e+05

1.000 1.005 1.010 1.015 1.020

last iteration in chain

shrink factor

median

d.6.4

2e+04 4e+04 6e+04 8e+04 1e+05

1.00 1.01 1.02 1.03

last iteration in chain

shrink factor

median

d.6.5

+%URRNV*HOPDQ5XELQGLDJQRVWLFIRUJUDGHDGYHUVHHYHUWVLQWKHVHFRQGOLQHWUHDWPHQWV