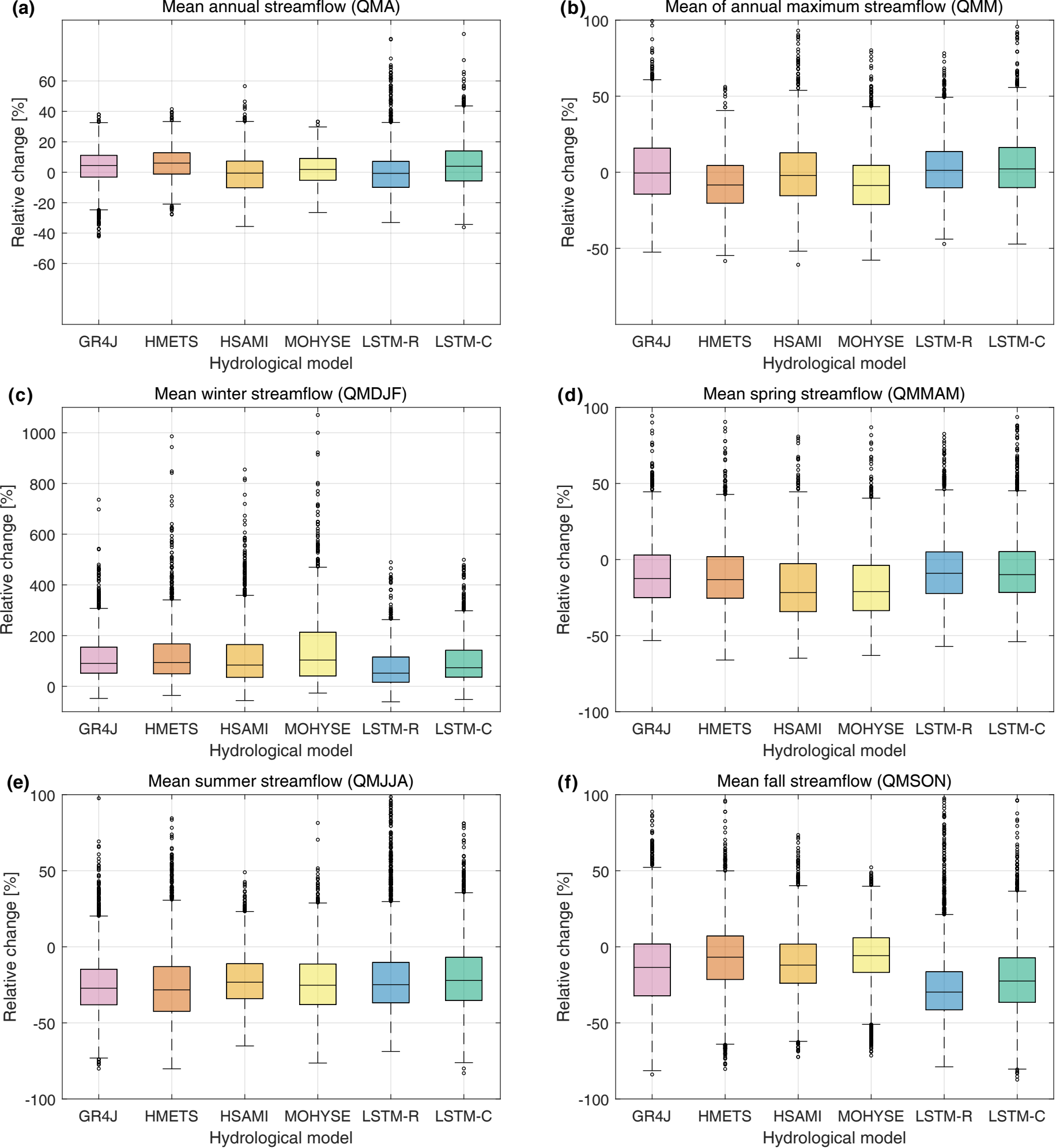
(a)
Mean annual streamflow (QMA)
Relative change [%]
60
40
20
0
-20
-40
-60
GR4J
HMETS
HSAMI
MOHYSE
LSTM-R
LSTM-C
Hydrological model
(b)
Mean of annual maximum streamflow (QMM)
Relative change [%]
100
50
0
-50
GR4J
HMETS
HSAMI
MOHYSE
LSTM-R
LSTM-C
Hydrological model
(c)
Mean winter streamflow (QMDJF)
Relative change [%]
1000
800
600
400
200
0
GR4J
HMETS
HSAMI
MOHYSE
LSTM-R
LSTM-C
Hydrological model
(d)
Mean spring streamflow (QMMAM)
Relative change [%]
100
50
0
-50
-100
GR4J
HMETS
HSAMI
MOHYSE
LSTM-R
LSTM-C
Hydrological model
(e)
Mean summer streamflow (QMJJA)
Relative change [%]
100
50
0
-50
-100
GR4J
HMETS
HSAMI
MOHYSE
LSTM-R
LSTM-C
Hydrological model
(f)
Mean fall streamflow (QMSON)
Relative change [%]
100
50
0
-50
-100
GR4J
HMETS
HSAMI
MOHYSE
LSTM-R
LSTM-C
Hydrological model