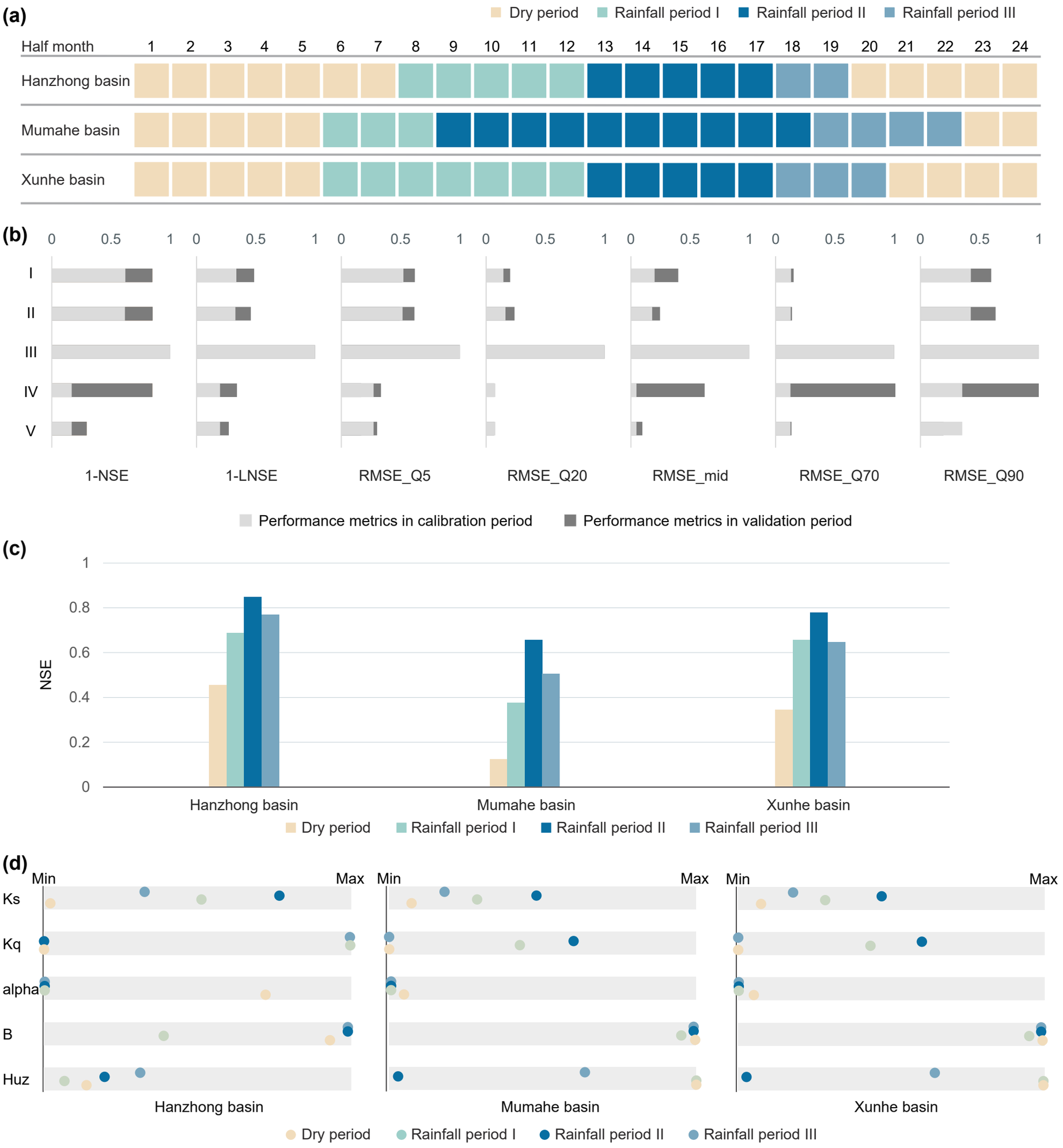
(a)
Dry period
Rainfall period I
Rainfall period II
Rainfall period III
Half month
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
Hanzhong basin
Mumahe basin
Xunhe basin
(b)
0 0.5 1
I
II
III
IV
V
1-NSE
1-LNSE
RMSE_Q5
RMSE_Q20
RMSE_mid
RMSE_Q70
RMSE_Q90
Performance metrics in calibration period
Performance metrics in validation period
(c)
NSE
1
0.8
0.6
0.4
0.2
0
Hanzhong basin
Mumahe basin
Xunhe basin
Dry period
Rainfall period I
Rainfall period II
Rainfall period III
(d)
Min
Max
Ks
Kq
alpha
B
Huz
Hanzhong basin
Mumahe basin
Xunhe basin
Dry period
Rainfall period I
Rainfall period II
Rainfall period III