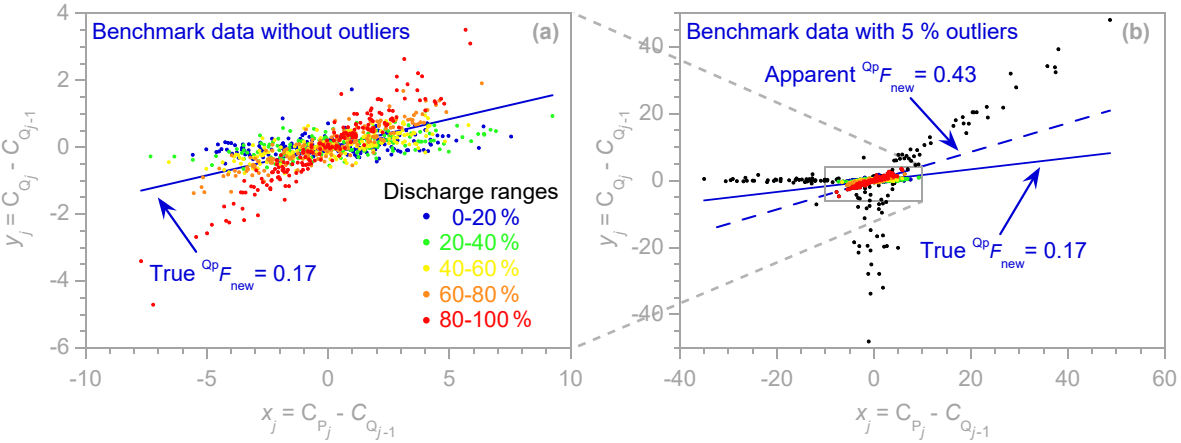
Benchmark data without outliers
(a)
Discharge ranges
0-20 %
20-40 %
40-60 %
60-80 %
80-100 %
True $^{Qp}F_{new}$ = 0.17
$y_j = C_{Q_j} - C_{Q_{j-1}}$
$x_j = C_{P_j} - C_{Q_{j-1}}$
Benchmark data with 5 % outliers
(b)
Apparent $^{Qp}F_{new}$ = 0.43
True $^{Qp}F_{new}$ = 0.17