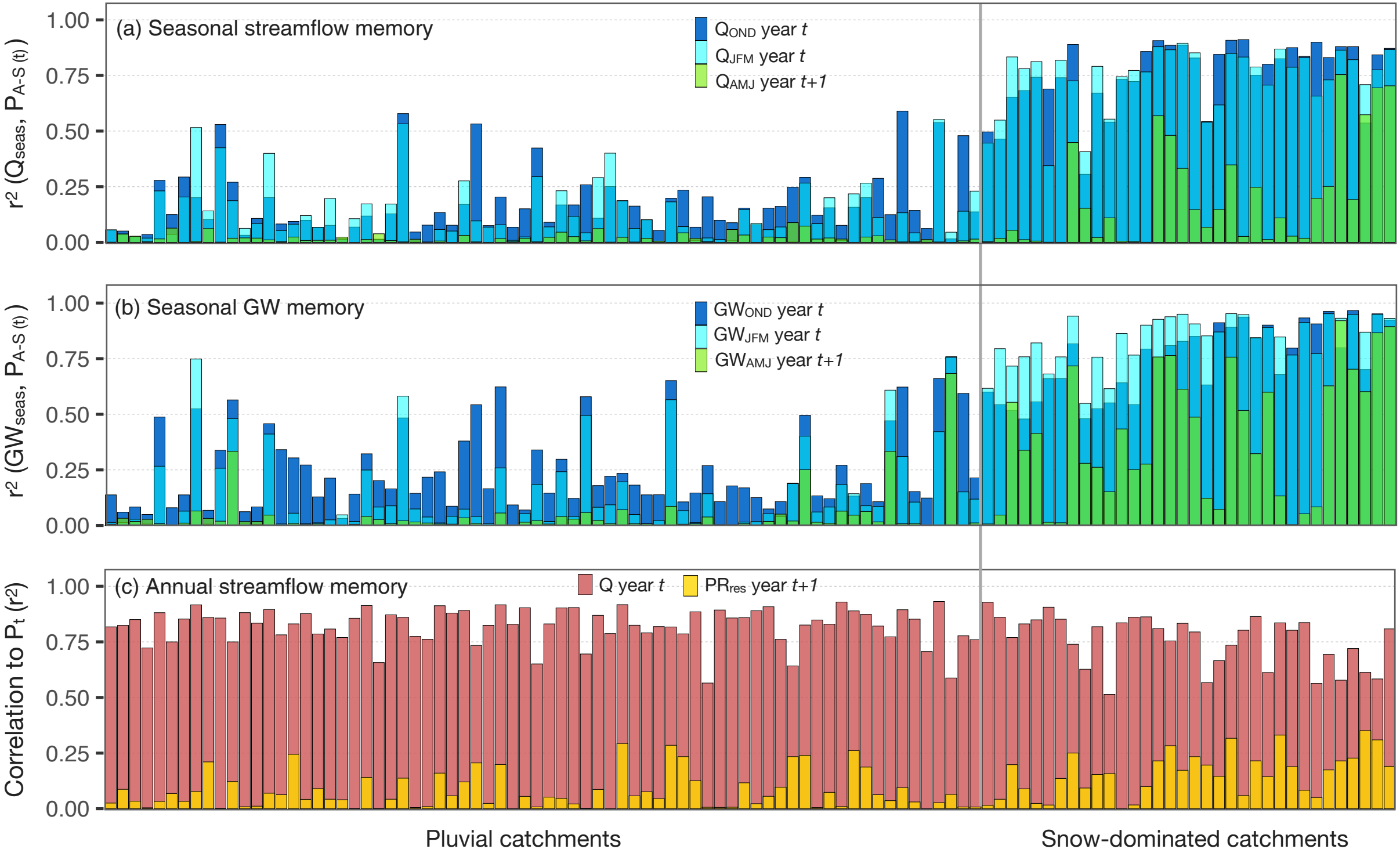
(a) Seasonal streamflow memory
Q_{OND} year t
Q_{JFM} year t
Q_{AMJ} year $t+1$
r^2 (Q_{seas}, $P_{A-S\,(t)}$)
(b) Seasonal GW memory
GW_{OND} year t
GW_{JFM} year t
GW_{AMJ} year $t+1$
r^2 (GW_{seas}, $P_{A-S\,(t)}$)
(c) Annual streamflow memory
Q year t
PR_{res} year $t+1$
Correlation to P_t (r^2)
1.00
0.75
0.50
0.25
0.00
Pluvial catchments
Snow-dominated catchments