MINOR COMMENTS

- p 3 l 23 : the fact that X_d^q and lambda^{Hq} X_{lambda d}^q have the same distribution comes directly from (2). You don't need for that to have finite moments (please note by the way that exponent 'q' is missing in lambda). However (3) needs finite moments.

- p7 l 14 : I don't think the relation x_{d2}<=x_{d1} for d1<d2 is always valid. For example, let consider the hourly series with values 10-2-10 mm/h. Then the maximum 2h-intensity is 12/2=6 mm/h, while the maximum 3h-intensity is 22/3>6 mm/h. So x_{d2}>x_{d1} for d2=3h and d1=2h. Also x_{d2}/x_{d1} < d1/d2.

- p 7 l 29 : IS → ID ?

- p 7 l 30: the first matrix on the left of Fig. 1(a) → the top left matrix of Fig. 1(a)

- p 8 : Does the SS sample x_{d,ss} comprises the non-SS sample x_{d} ? I guess it should not (for independence testing) but it is not clear to me on (8)

- p 15 l 25 : obtained 12 → obtained for 12