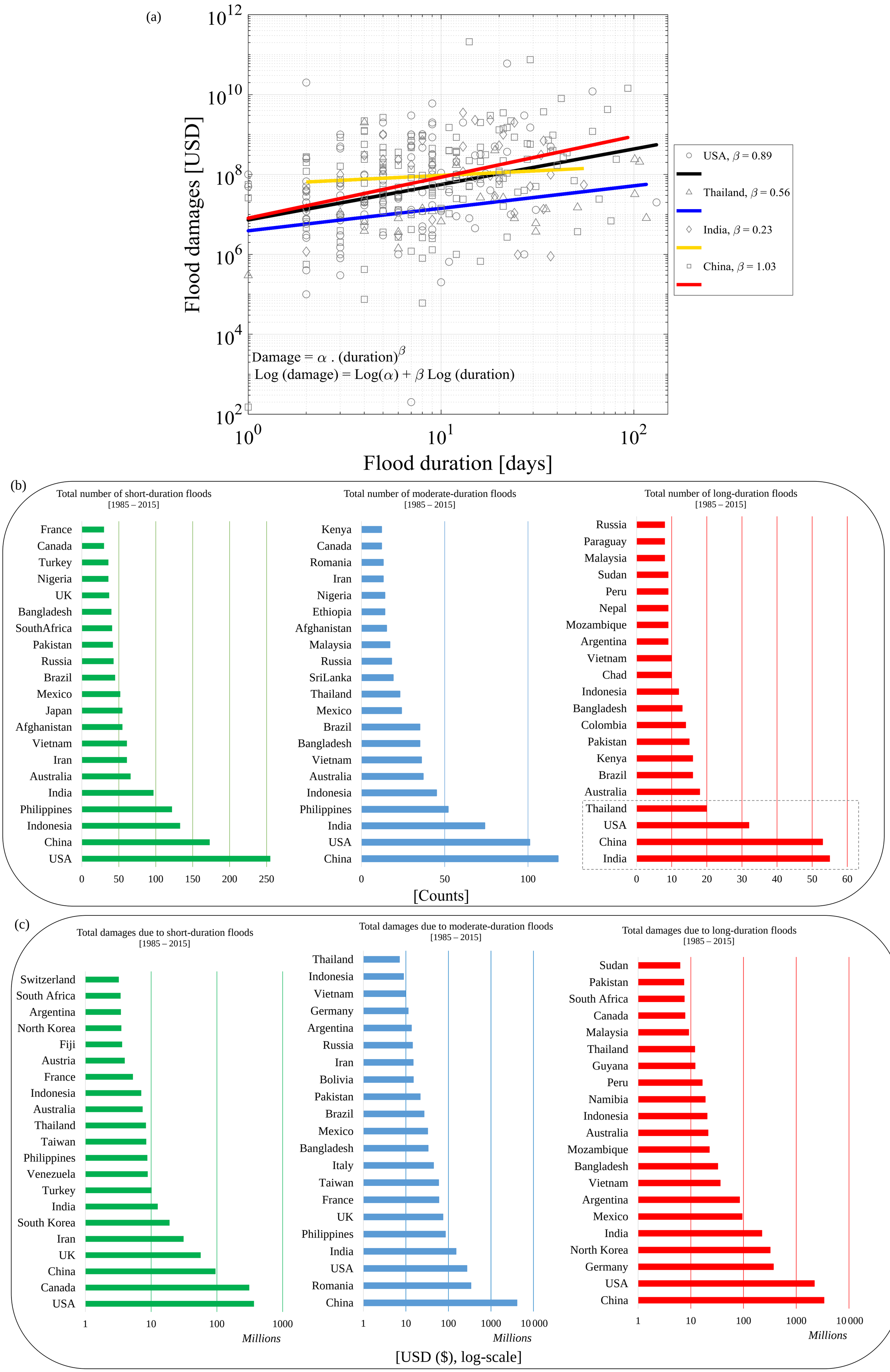
(a)
Flood damages [USD]
Flood duration [days]
Damage = α . (duration)^β
Log (damage) = Log(α) + β Log (duration)
USA, β = 0.89
Thailand, β = 0.56
India, β = 0.23
China, β = 1.03
(b)
Total number of short-duration floods [1985 – 2015]
Total number of moderate-duration floods [1985 – 2015]
Total number of long-duration floods [1985 – 2015]
[Counts]
(c)
Total damages due to short-duration floods [1985 – 2015]
Total damages due to moderate-duration floods [1985 – 2015]
Total damages due to long-duration floods [1985 – 2015]
Millions
[USD ($), log-scale]