

**Figure S1.** Growth of (a) total viable count, (b) *Pseudomonas* spp., (c) *Enterobacteriaceae* spp. and (d)  $H_2S$ -producing bacteria in gutted gilthead sea bream stored at 5°C, after washing with 200 ppm citric acid for 10 min.

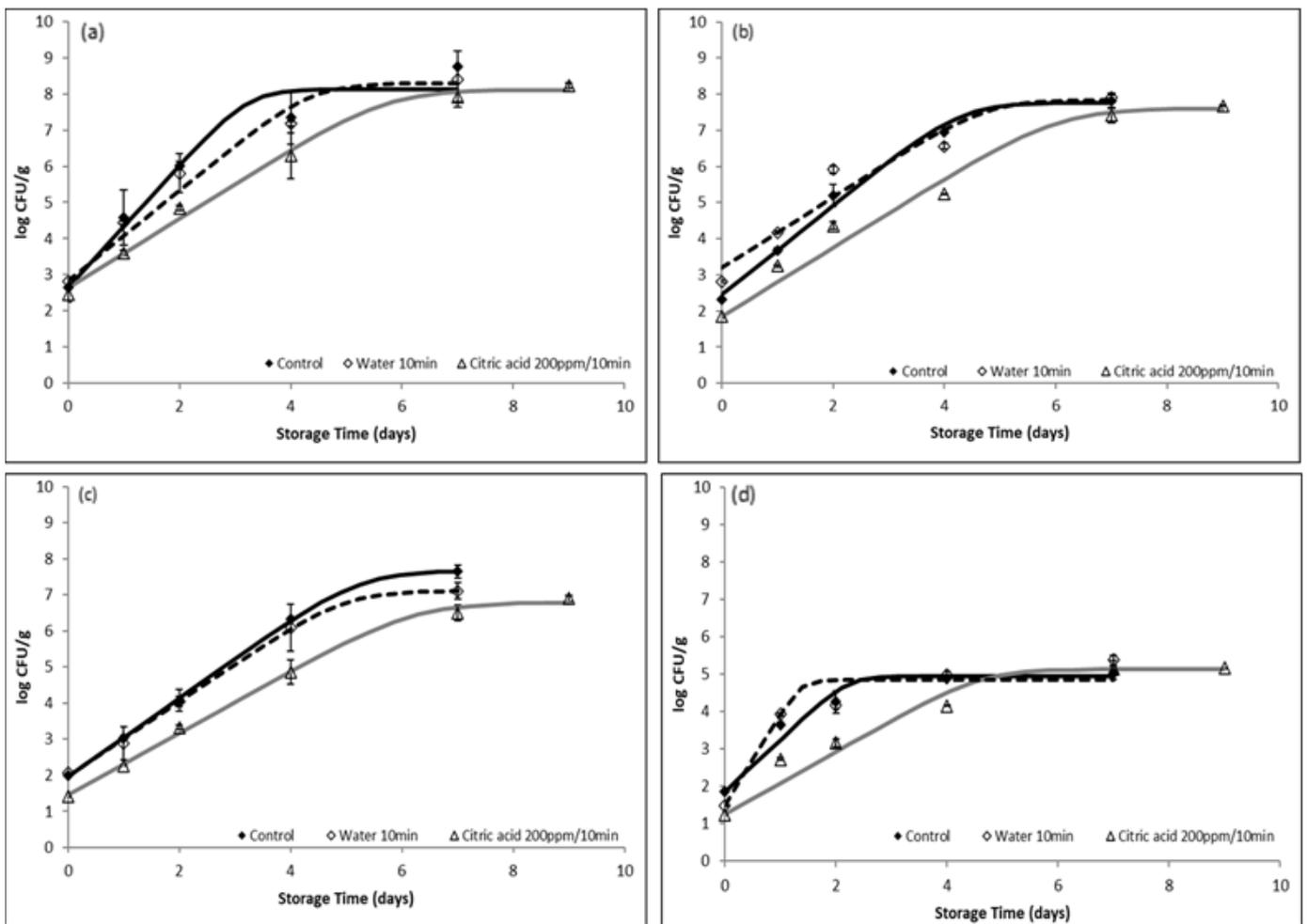
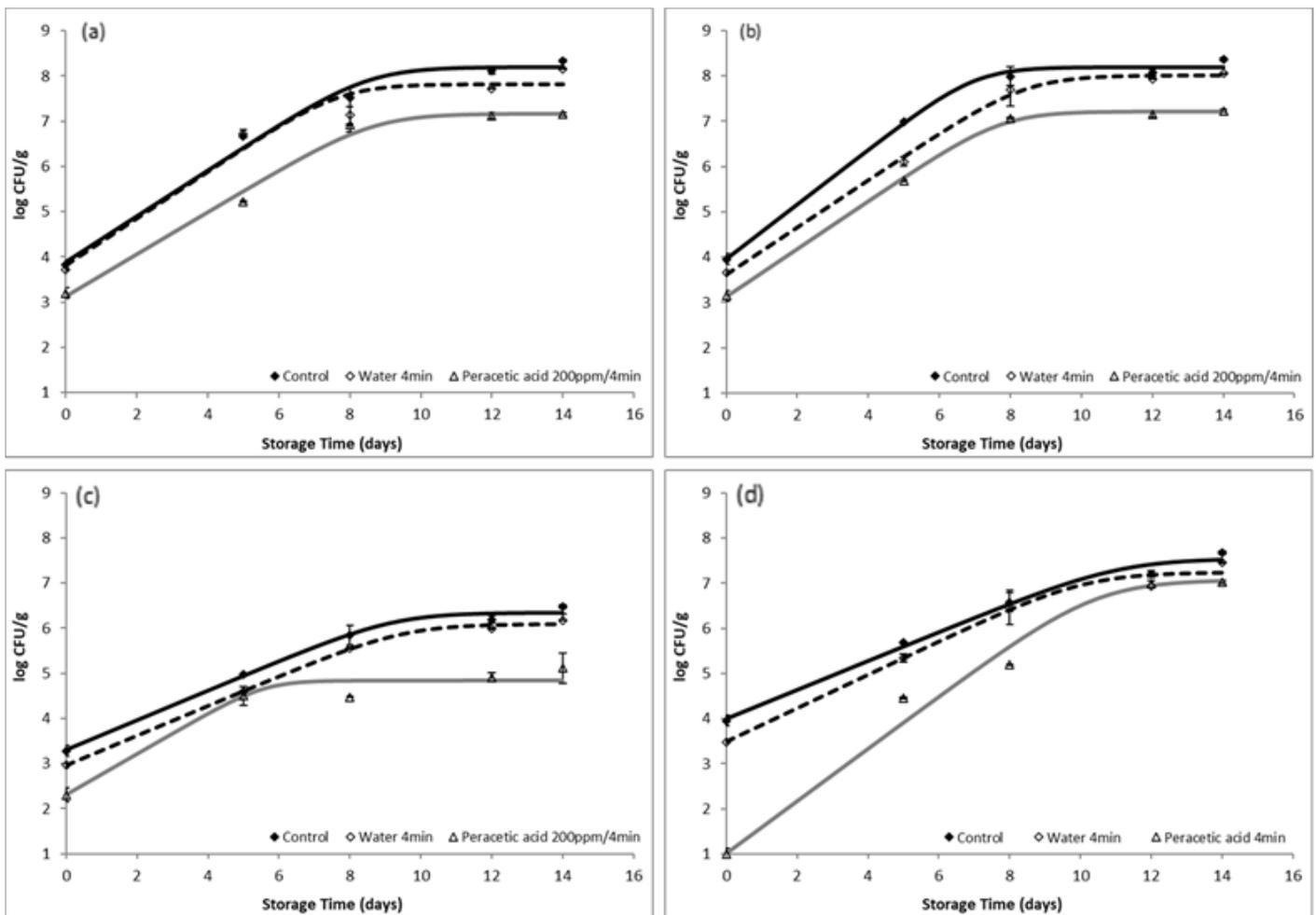
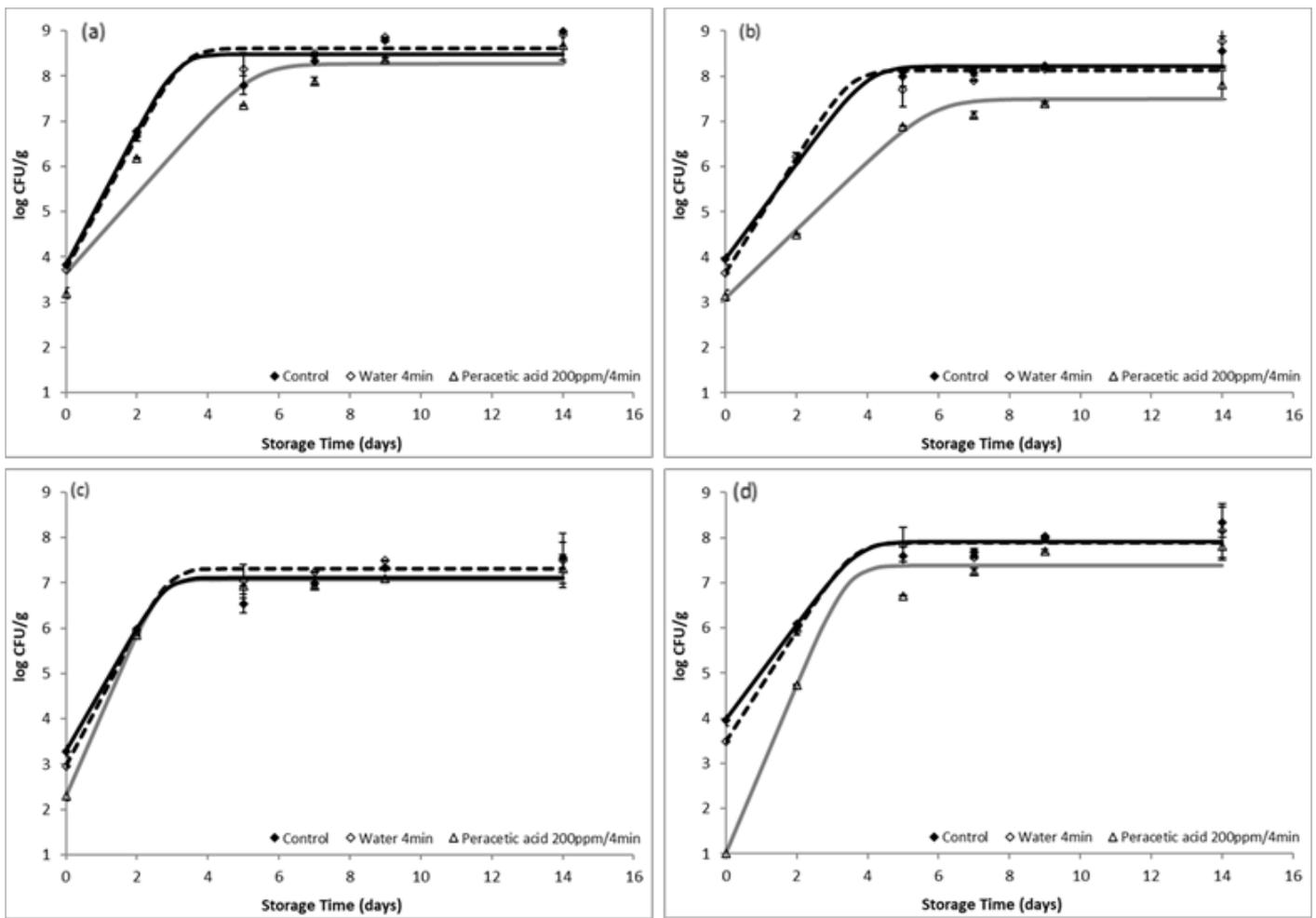


Figure S2. Growth of (a) total viable count, (b) *Pseudomonas* spp., (c) *Enterobacteriaceae* spp. and (d)  $H_2S$ -producing bacteria in gutted gilthead sea bream stored at 10°C, after washing with 200 ppm citric acid for 10 min.



**Figure S3.** Growth of (a) total viable count, (b) *Pseudomonas* spp., (c) *Enterobacteriaceae* spp. and (d) H<sub>2</sub>S-producing bacteria in gutted gilthead sea bream stored at 5°C, after washing with 200 ppm peracetic acid for 4 min.



**Figure S4.** Growth of (a) total viable count, (b) *Pseudomonas* spp., (c) *Enterobacteriaceae* spp. and (d) H<sub>2</sub>S-producing bacteria in gutted gilthead sea bream stored at 10°C, after washing with 200 ppm peracetic acid for 4 min.