



TREATMENT WITH ORGANIC ACIDS EXTENDS SHELF-LIFE OF GUTTED EUROPEAN SEA BASS (*Dicentrarchus labrax*)



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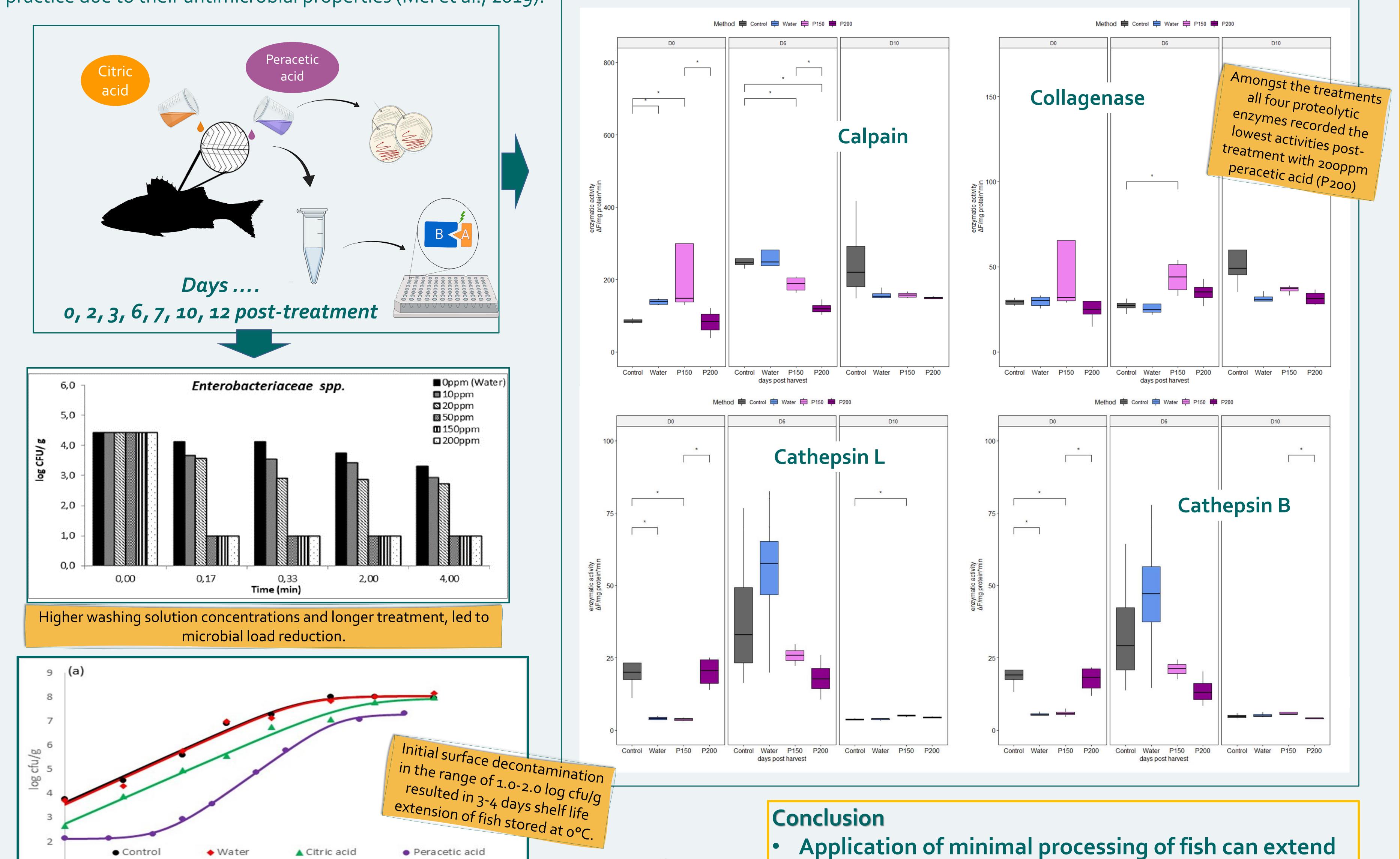
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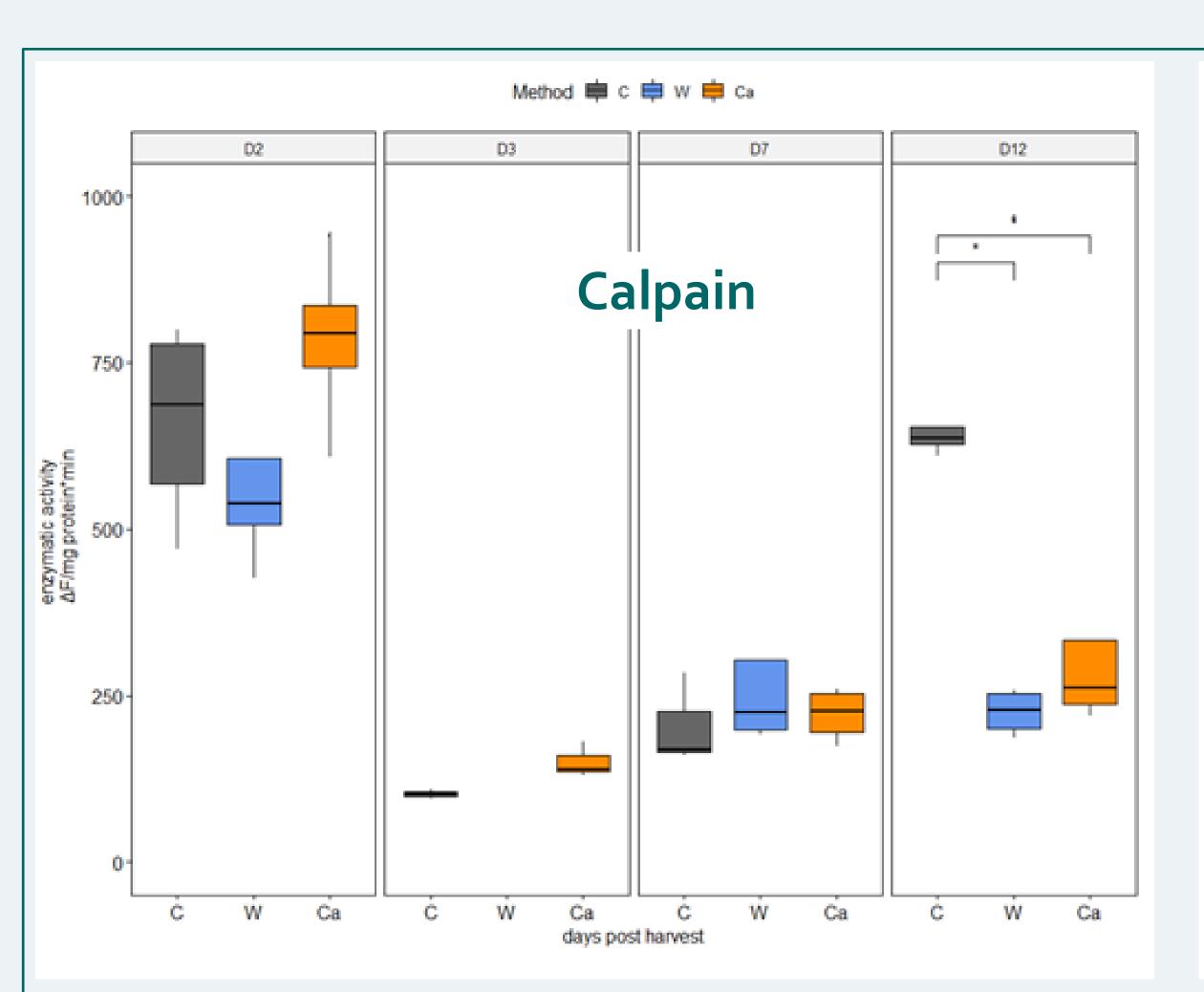
Introduction

Fresh fish can easily deteriorate after being captured due to the endogenous enzyme activity and rapid microbial growth naturally present in fish. What is more, changes in composition during fish decay leads to protein degradation and lipid oxidation, as well as changes in fish odor, flavor, and texture (Campos et al., 2012). Application of organic acids on fish surfaces, mainly through dipping or spraying, is a widely used and well-known practice due to their antimicrobial properties (Mei et al., 2019).

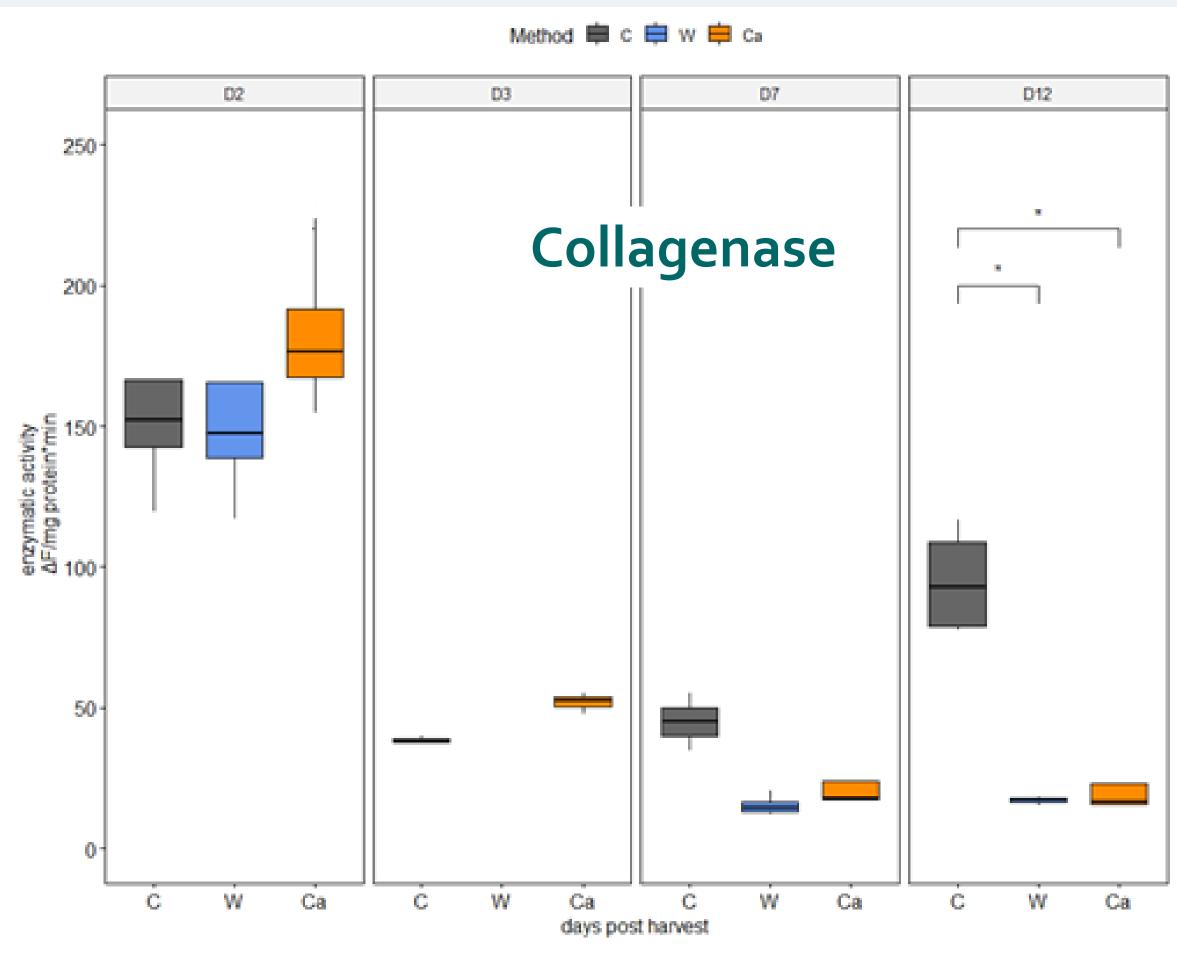
Objective.....

What is the effect of acidic decontamination on the quality and shelf life of farmed European sea bass?

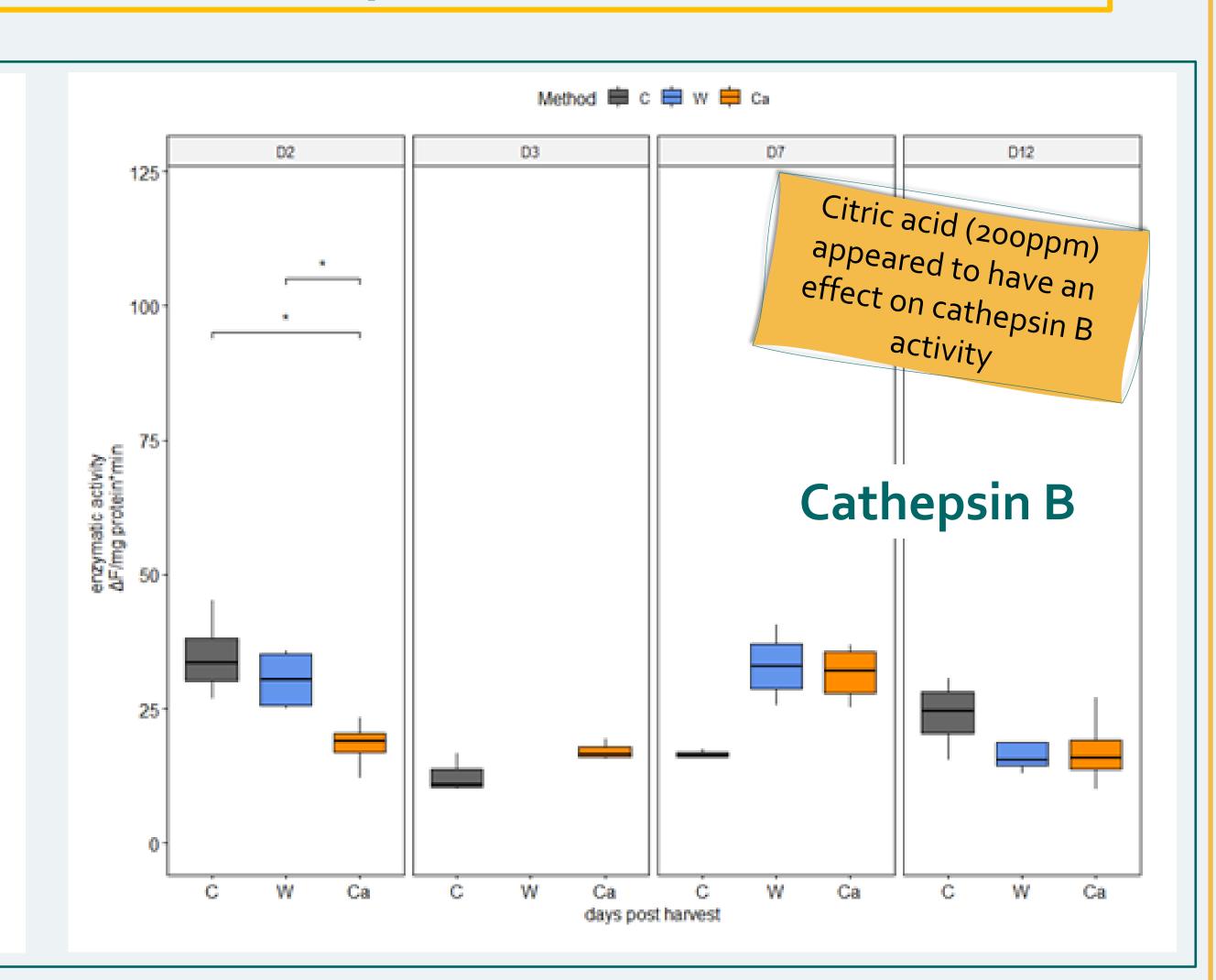




Storage time (days)



Slurry Fish



shelf life and penetrate new distant markets currently

inaccessible to fresh fish products

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