

Title	Assessment of performance of the industrial process of bulk vacuum packaging of raw meat with nondestructive optical oxygen sensing systems
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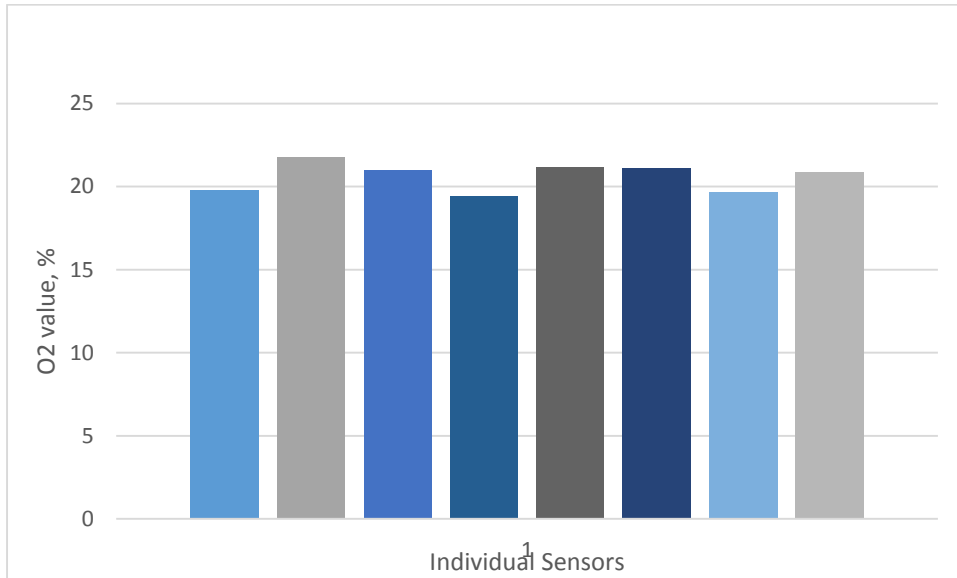


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Supplementary Information

A.



B.

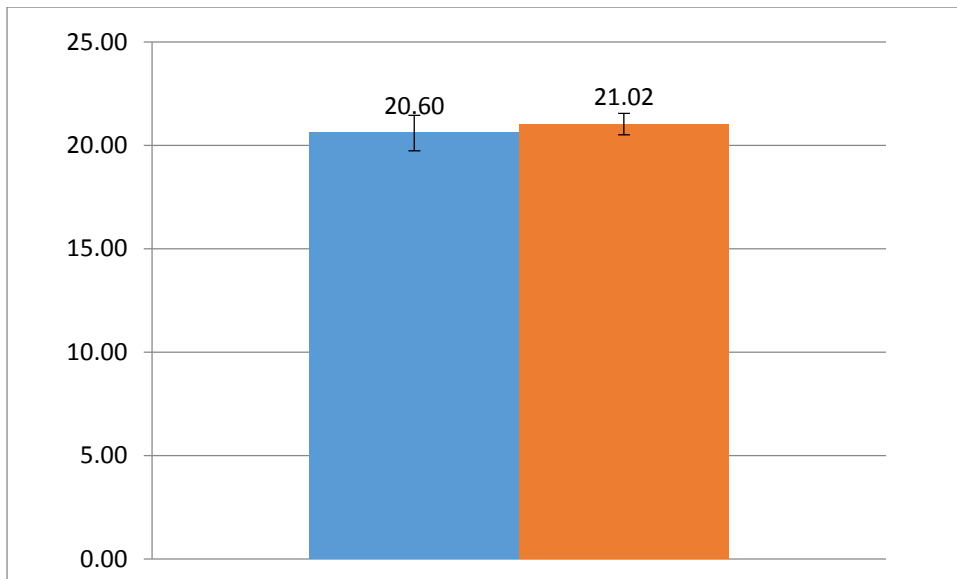


Figure S1. Measurement of O₂ with Optech sensors at 1 °C. (A) Readings from 8 individual sensors under standard experimental conditions (1 °C, 20.86% O₂) produced with an Optech-O₂ Platinum reader calibrated with CalCard at 1 °C. (B) O₂ readings from the same sensors measured at 1°C (blue bar) and 22 °C (orange bar). Mean O₂ values are 20.6 ± 0.8 and 21.0 ± 0.5 , respectively. Calculated p-value of 0.12 shows that the difference is not significant ($p > 0.05$, N = 8). Temperature readings at 1 °C were 1.7 ± 1.0 °C, and at 22 °C— 22.0 ± 0.1 °C.