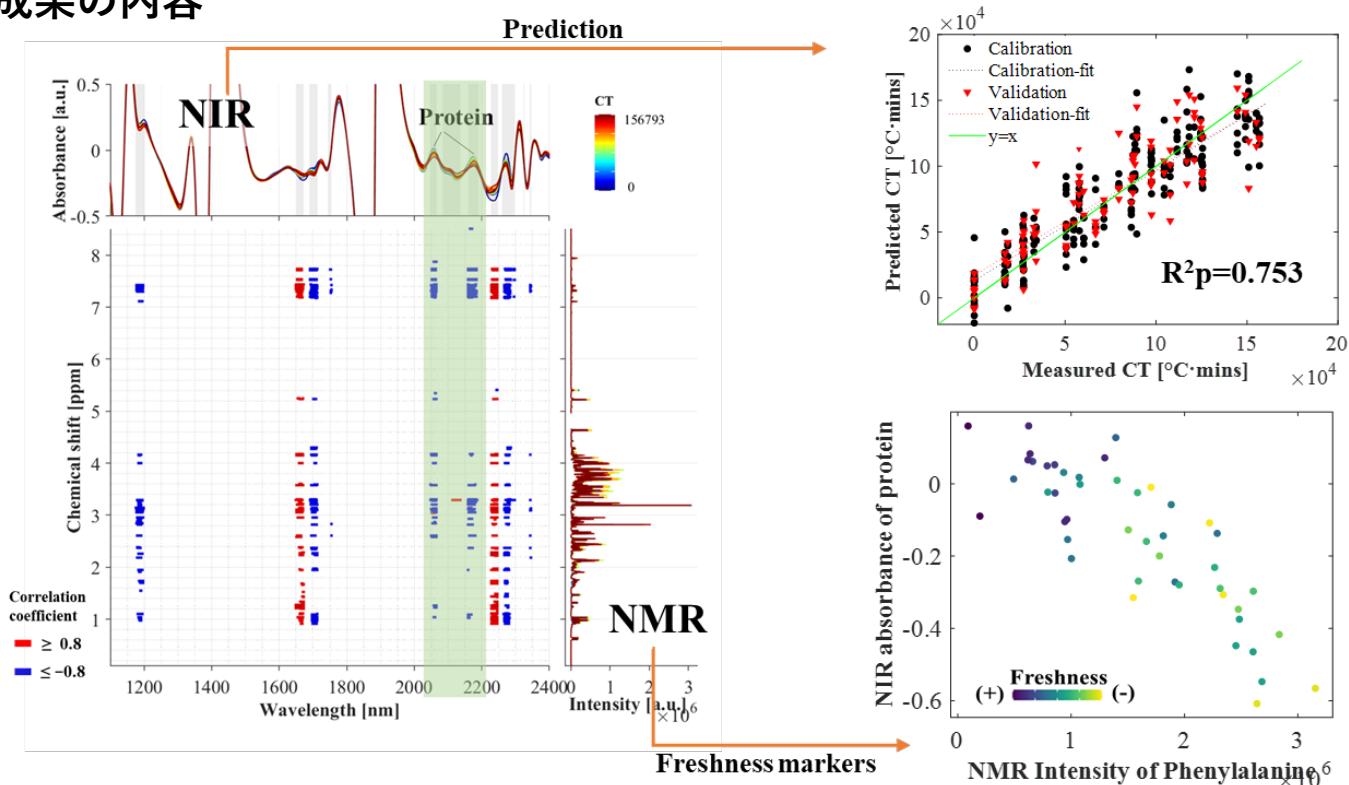


# Nondestructive estimation of broccoli freshness by NIR spectroscopy

## 成果の特徴

- NIR spectroscopy exhibited the ability to accurately estimate the freshness of broccoli.
- Protein degradation to amino acids could explain the reliable construction of the freshness prediction model.

## 成果の内容



## 想定される用途・連携希望先

- The developed NIR spectroscopy method for freshness assessment of broccoli is promising to be used on-site for postharvest management.
- Appreciate collaborating with the industries involved in photonics techniques, agriculture, and food.

参考 X. Li, *et al.* (2021). *Food Chemistry*, 364, 130381.

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代表研究者：李 心悅  
所 属：食品研究部門  
食品流通・安全研究領域