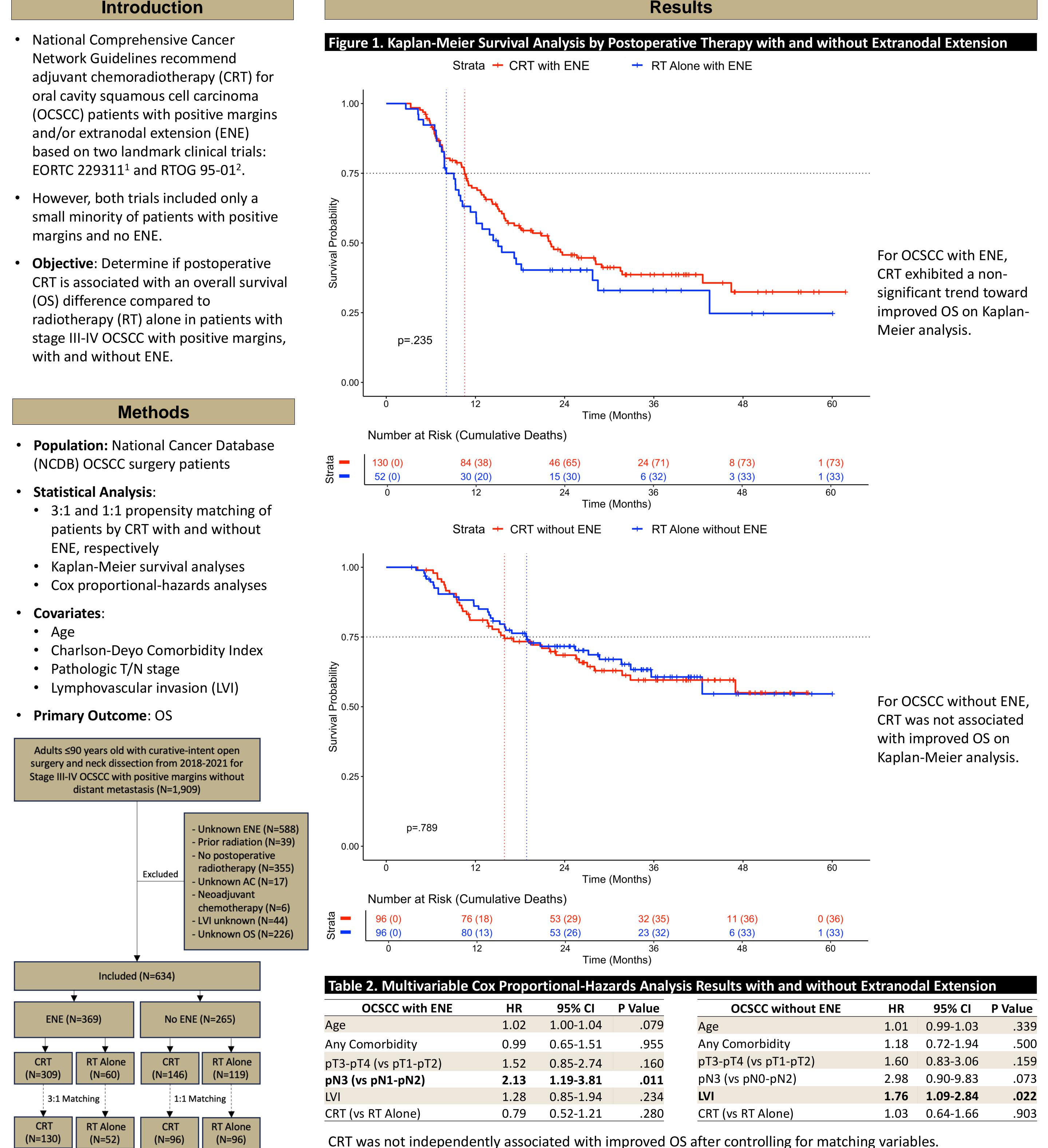
# Adjuvant Chemotherapy Does Not Improve Overall Survival in Positive Surgical Margin Oral Cavity Cancer **Patients Without Extranodal Extension**

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# Introduction

- National Comprehensive Cancer Network Guidelines recommend adjuvant chemoradiotherapy (CRT) for oral cavity squamous cell carcinoma (OCSCC) patients with positive margins and/or extranodal extension (ENE) based on two landmark clinical trials: EORTC 229311<sup>1</sup> and RTOG 95-01<sup>2</sup>.
- However, both trials included only a margins and no ENE.



## **Discussion / Conclusion**

- **Limitations**: Missing NCDB pathologic data and small sample with ENE treated with RT alone
- Postoperative CRT (vs RT alone) for positive margin OCSCC without ENE exhibited no OS difference.
- For OCSCC patients without ENE, potential benefits of CRT may not outweigh increased toxicity.

### References

- 1. Bernier J, Domenge C, Ozsahin M, et al. Postoperative irradiation with or without concomitant chemotherapy for locally advanced head and neck cancer. N Engl J Med. 2004;350(19):1945-1952.
- 2. Cooper JS, Pajak TF, Forastiere AA, et al. Postoperative concurrent radiotherapy and chemotherapy for high-risk squamous-cell carcinoma of the head and neck. N Engl J Med. 2004;350(19):1937-1944.

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