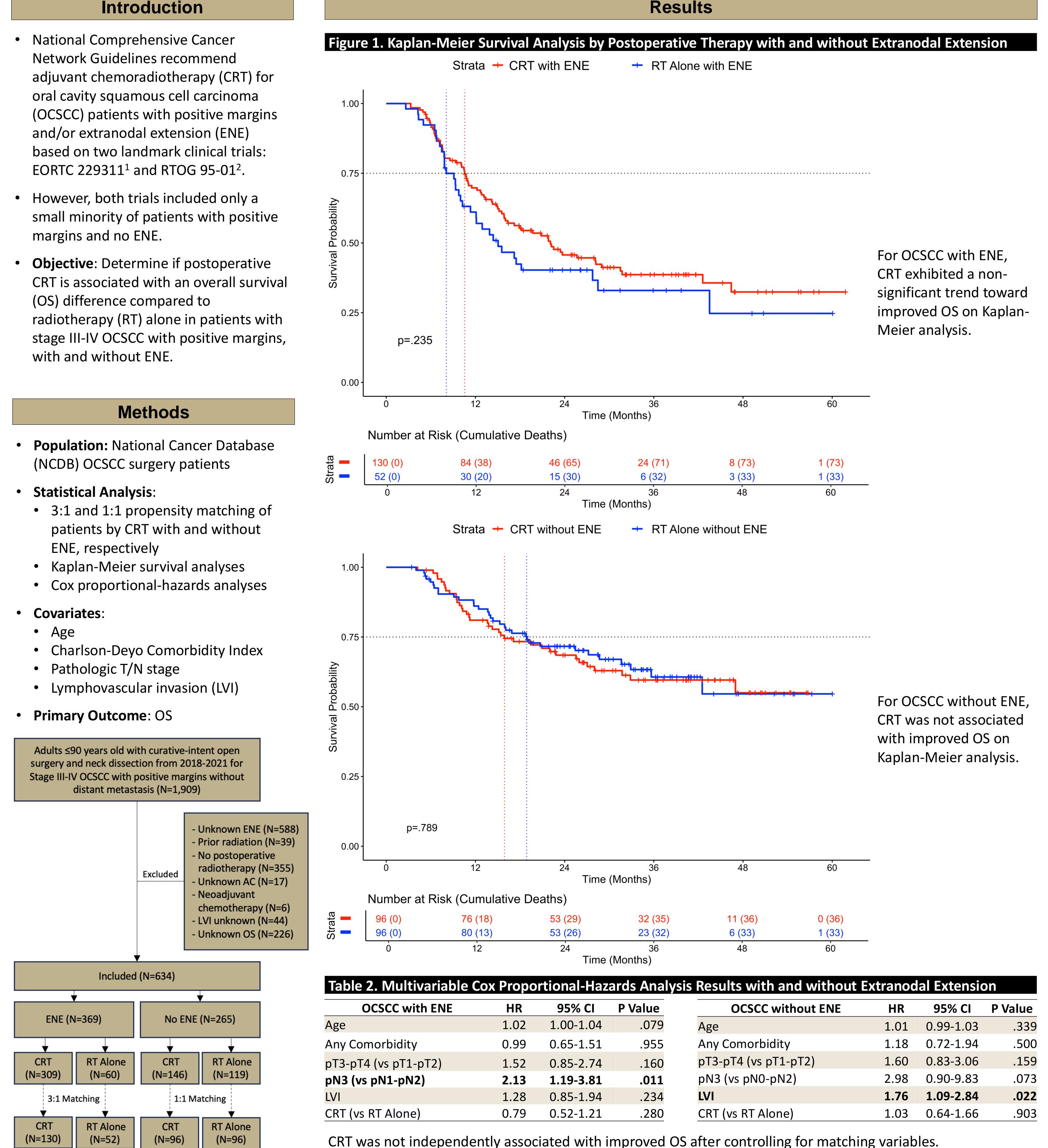
Adjuvant Chemotherapy Does Not Improve Overall Survival in Positive Surgical Margin Oral Cavity Cancer **Patients Without Extranodal Extension**

Daniel R. S. Habib BA¹, Yike Li MD PhD², Patrick Tassone MD MS², Ramez H. Philips MD⁴, Pratyusha Yalamanchi MD MBA⁵, F. Christopher Holsinger MD⁶, Michael C. Topf MD MSCl²

¹ Vanderbilt University School of Medicine, ² Vanderbilt University Medical Center, ³ University of Missouri Health Care, ⁴ University of Chicago Medicine, ⁵ Michigan Medicine, ⁶ Stanford Medicine

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 229311¹ and RTOG 95-01².
- 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.

Daniel Roy Sadek Habib Website: danielrshabib.github.io ⊠ Daniel.r.habib@Vanderbilt.edu X @ danielrshabib



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