medRxiv preprint doi: https://doi.org/10.1101/2024.01.16.24301371; this version posted February 28, 2024. The copyright holder for this preprint (which was not certified by peer review) is the author/funder, who has granted medRxiv a license to display the preprint in perpetuity. It is made available under a CC-BY-NC-ND 4.0 International license.

Impact of spatial clustering of cytotoxic and tumor infiltrating lymphocytes on overall survival in women with high grade serous ovarian cancer

Alex C. Soupir¹, Mary K. Townsend², Cassandra A. Hathaway², Jonathan Nguyen³, Carlos Moran Segura³, Daryoush Saeed-Vafa³, Oscar E. Ospina¹, Lauren C. Peres², Jose R. Conejo-Garcia^{4,5}, Kathryn L. Terry^{6,7}, Shelley S. Tworoger², Brooke L. Fridley⁸ ¹Department of Biostatistics and Bioinformatics, Moffitt Cancer Center, Tampa, FL ²Department of Cancer Epidemiology, Moffitt Cancer Center, Tampa, FL

³Department of Pathology, Moffitt Cancer Center, Tampa, FL

⁴Department of Immunology, Moffitt Cancer Center, Tampa, FL

⁵Department of Immunology, Duke University, Durham, NC

⁶Department of Obstetrics and Gynecology, Brigham and Women's Hospital and Harvard Medical School, Boston, MA

⁷Department of Epidemiology, Harvard T. H. Chan School of Public Health, Boston, MA ⁸Department of Pediatrics, Division of Health Services and Outcomes Research, Children's

Mercy, Kansas City, MO

The authors have withdrawn their manuscript owing to incorrect handling of multiple measures in the survival analyses. Therefore, the authors do not wish this work to be cited as reference for the project. If you have any questions, please contact the corresponding author.