

A Fully Automated Artificial Intelligence Method for Non-Invasive, Imaging-Based Identification of Genetic Alterations in Glioblastomas

Evan Calabrese, MD, PhD^a; Javier E. Villanueva-Meyer, MD^a; Soonmee Cha, MD^a

^a Department of Radiology and Biomedical Imaging, University of California at San Francisco, 350 Parnassus Ave, Suite 307H, San Francisco, CA, USA 94143-0628

Corresponding Author:

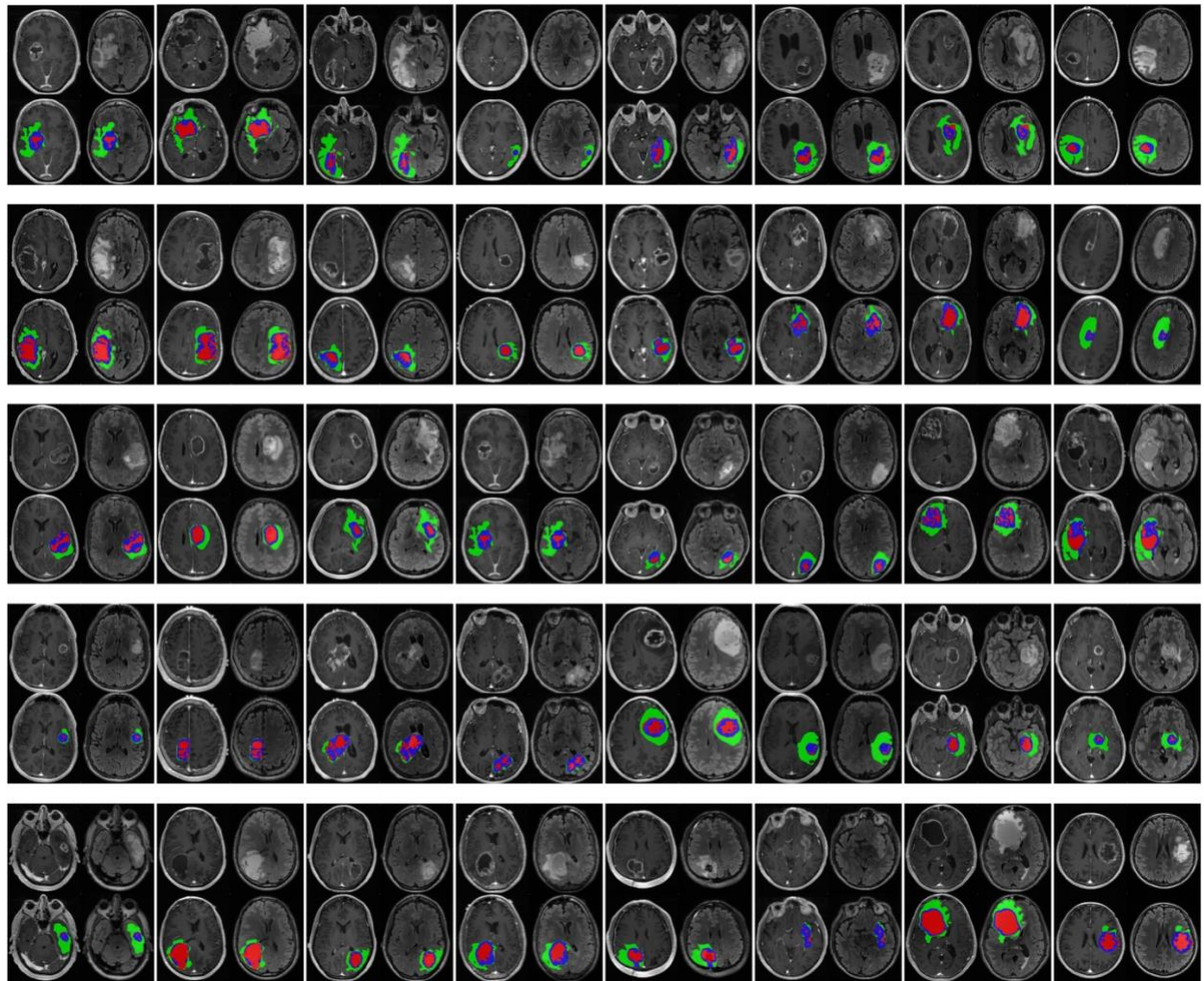
Evan Calabrese, MD, PhD

ORCID: 0000-0002-1464-0354

evan.calabrese@ucsf.edu

Department of Radiology and Biomedical Imaging, University of California San Francisco, 350 Parnassus Ave, Suite 307H, San Francisco, CA 94143-0628

Supplementary Material



Supplementary Figure 1 – Automated tumor segmentation results for 40 representative study patients. Tumor segmentations are displayed color overlays on axial T1 postcontrast and T2/FLAIR-weighted whole brain images. Red: non-enhancing tumor core; blue: enhancing tumor core; green: tumor related edema.