Article

Identification of Clinical and Socioeconomic Predictors of Adjuvant Therapy After Trans-Oral Robotic Surgery in Patients with Oropharyngeal SCC

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Priyanka Bhateja, Enver Ozer , James Rocco, Marcelo, Bonomi and
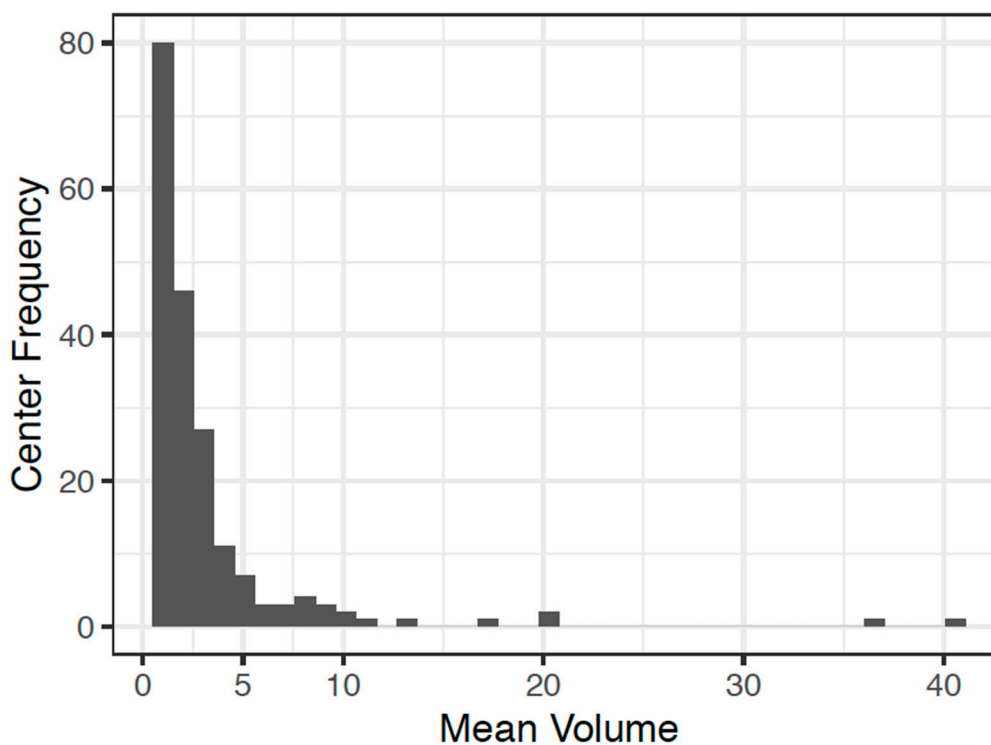Dukagjin Blakaj

SupplementaryMaterials:

Figure S1. Relationship between mean center volume of TORS and center frequency.

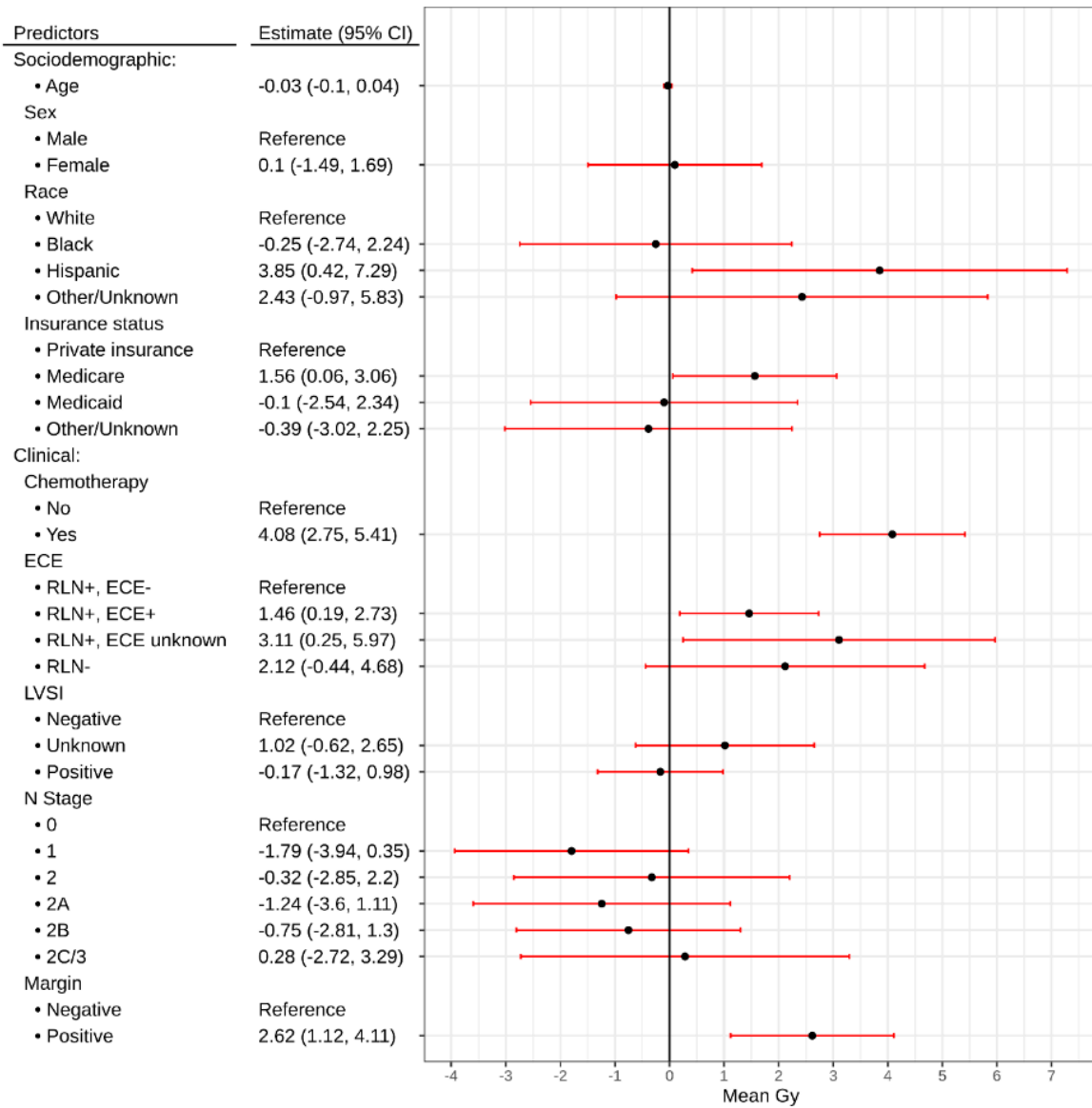| Predictors	Estimate (95% CI)
Sociodemographic:	
• Age	-0.03 (-0.1, 0.04)
Sex	
• Male	Reference
• Female	0.1 (-1.49, 1.69)
Race	
• White	Reference
• Black	-0.25 (-2.74, 2.24)
• Hispanic	3.85 (0.42, 7.29)
• Other/Unknown	2.43 (-0.97, 5.83)
Insurance status	
• Private insurance	Reference
• Medicare	1.56 (0.06, 3.06)
• Medicaid	-0.1 (-2.54, 2.34)
• Other/Unknown	-0.39 (-3.02, 2.25)
Clinical:	
Chemotherapy	
• No	Reference
• Yes	4.08 (2.75, 5.41)
ECE	
• RLN+, ECE-	Reference
• RLN+, ECE+	1.46 (0.19, 2.73)
• RLN+, ECE unknown	3.11 (0.25, 5.97)
• RLN-	2.12 (-0.44, 4.68)
LVSI	
• Negative	Reference
• Unknown	1.02 (-0.62, 2.65)
• Positive	-0.17 (-1.32, 0.98)
N Stage	
• 0	Reference
• 1	-1.79 (-3.94, 0.35)
• 2	-0.32 (-2.85, 2.2)
• 2A	-1.24 (-3.6, 1.11)
• 2B	-0.75 (-2.81, 1.3)
• 2C/3	0.28 (-2.72, 3.29)
Margin	
• Negative	Reference
• Positive	2.62 (1.12, 4.11)

Figure S2. Forrest plot depicting mean change of estimated radiation dose among patients receiving doses of 50–70 Gy.