Global Feature Importance based on SHAP values

Feature (top to bottom):
- scheduled_duration
- surgical_location_hospital_UH
- scheduled_procedure_approach_Open
- primary_surgeon_id_1416080
- primary_surgeon_id_1575035
- sex_Male
- scheduled_procedure_Thyroidectomy
- primary_surgeon_id_1422968
- surg_encounter_type_One Day Stay
- primary_surgeon_id_3813855
- case_service_Otolaryngology
- primary_surgeon_id_1415859
- primary_surgeon_id_1415832
- surg_encounter_type_Same Day Admission
- asa_score
- avg_bmi
- primary_surgeon_id_1421882
- Morning_scheduled
- primary_surgeon_id_primary_surgeon_id_other
- scheduled_procedure_Cholecystectomy
- surgical_location_hospital_VH
- last_scheduled_case_of_day_status
- primary_surgeon_id_17507328
- surgical_location_or_service
- age_at_discharge
- most_responsible_dx_category_Endocrine/Metabolic
- day_of_year
- primary_surgeon_id_16965845
- day_of_week
- first_scheduled_case_of_day_status
- most_responsible_dx_category_Neoplastic (Benign)
- most_responsible_dx_category_External Causes
- secondary_scheduled_surgeon_id
- most_responsible_dx_category_most_responsible_dx_category_other
- most_responsible_dx_category_Neoplastic (Malignant)
- primary_surgeon_id_1472403
- anesthetic_type_General/Regional
- primary_surgeon_id_15175914
- primary_surgeon_id_1575629
- primary_surgeon_id_1815183
- primary_surgeon_id_1416198
- primary_surgeon_id_3139345
- primary_surgeon_id_5460985
- primary_surgeon_id_5869861
- primary_surgeon_id_6565121
- primary_surgeon_id_10889827
- primary_surgeon_id_11505862
- primary_surgeon_id_12117582
- primary_surgeon_id_2077080
- primary_surgeon_id_13861095
- primary_surgeon_id_6565205
- primary_surgeon_id_9614467
- primary_surgeon_id_7628661
- scheduled_procedure_Appendectomy
- scheduled_procedure_Colectomy
- scheduled_procedure_Gastric Bypass
- sex_sex_other
- case_service_case_service_other
- scheduled_procedure_Ileostomy Closure
- scheduled_procedure_Liver Resection
- scheduled_procedure_Mastectomy
- scheduled_procedure_Parathyroidectomy
- scheduled_procedure_Whipple
- scheduled_procedure_approach_scheduled_procedure_approach_other
- anesthetic_type_anesthetic_type_other

X-axis: Mean Absolute SHAP Value (0 to 10)