Machine Learning Prediction Report

Glioma IDH Classification

Patient ID:	UCSF-PDGM-0535	Patient Age:	19.0
Report Date:	2025-11-13 11:54:50	Model Used:	GradientBoosting

Final Prediction: IDH-mutant

Clinical Interpretation

Error generating report: 429 You exceeded your current quota, please check your plan and billing details. For more information on this error, head to: https://ai.google.dev/gemini-api/docs/rate-limits. To monitor your current usage, head to: https://ai.dev/usage?tab=rate-limit. * Quota exceeded for metric: generativelanguage.googleapis.com/generate_content_free_tier_input_token_count, limit: 250000 Please retry in 8.967026003s. [links { description: "Learn more about Gemini API quotas" url: "https://ai.google.dev/gemini-api/docs/rate-limits" } , violations { quota_metric: "generativelanguage.googleapis.com/generate_content_free_tier_input_token_count" quota_id: "GenerateContentInputTokensPerModelPerMinute-FreeTier" quota_dimensions { key: "model" value: "gemini-2.5-flash" } quota_dimensions { key: "location" value: "global" } quota_value: 250000 } , retry_delay { seconds: 8 }]

Prediction Explanation (SHAP Analysis)

The following plot shows the features that contributed most to the model's prediction for this patient. Features pushing the prediction higher (towards IDH-wildtype) are in red, and those pushing it lower (towards IDH-mutant) are in blue.