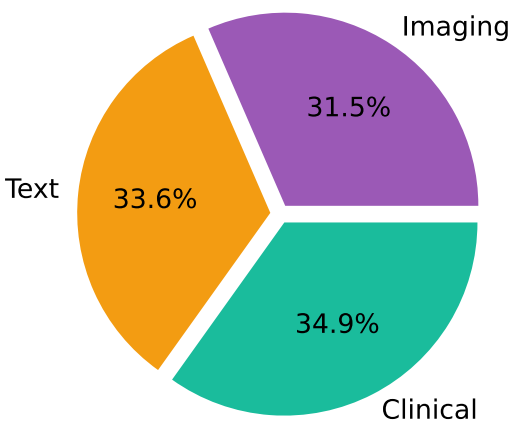Comprehensive Attribution Analysis - IPMN
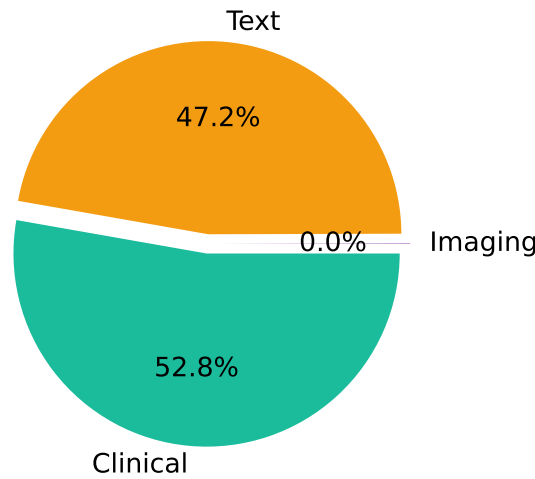
Simple Attribution Average Contributions
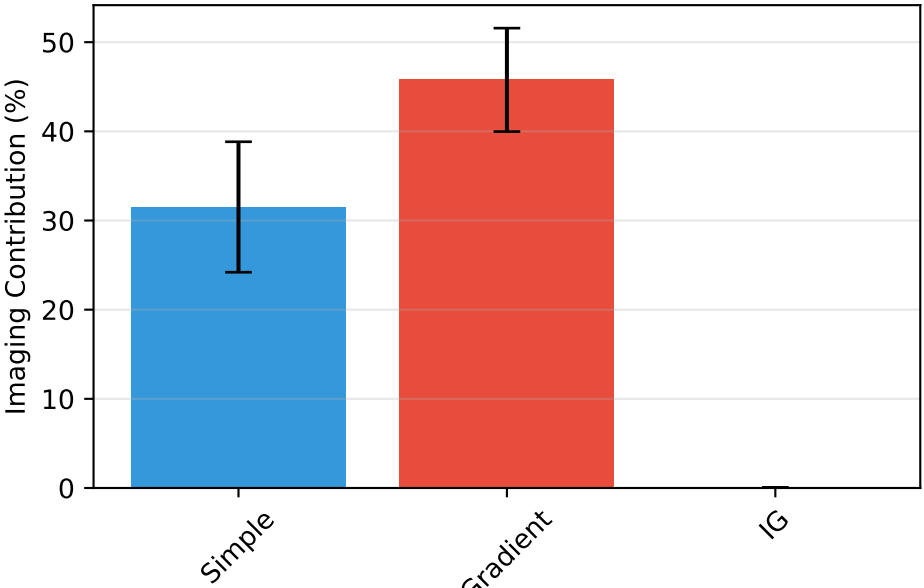- Imaging: 31.5%
- Text: 33.6%
- Clinical: 34.9%

Gradient-based Average Contributions
- Imaging: 45.8%
- Text: 32.0%
- Clinical: 22.2%
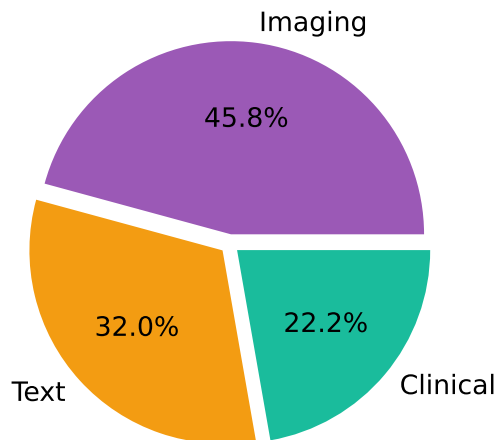
Integrated Gradients Average Contributions
- Text: 47.2%
- Imaging: 0.0%
- Clinical: 52.8%

Imaging Modality - Method Comparison (Simple, Gradient, IG)

Text Modality - Method Comparison (Simple, Gradient, IG)
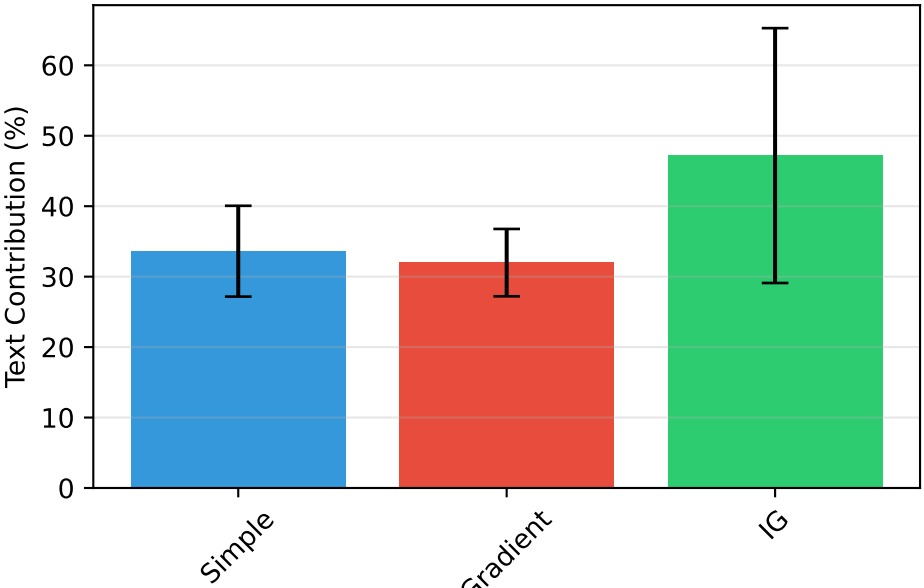
Clinical Modality - Method Comparison (Simple, Gradient, IG)
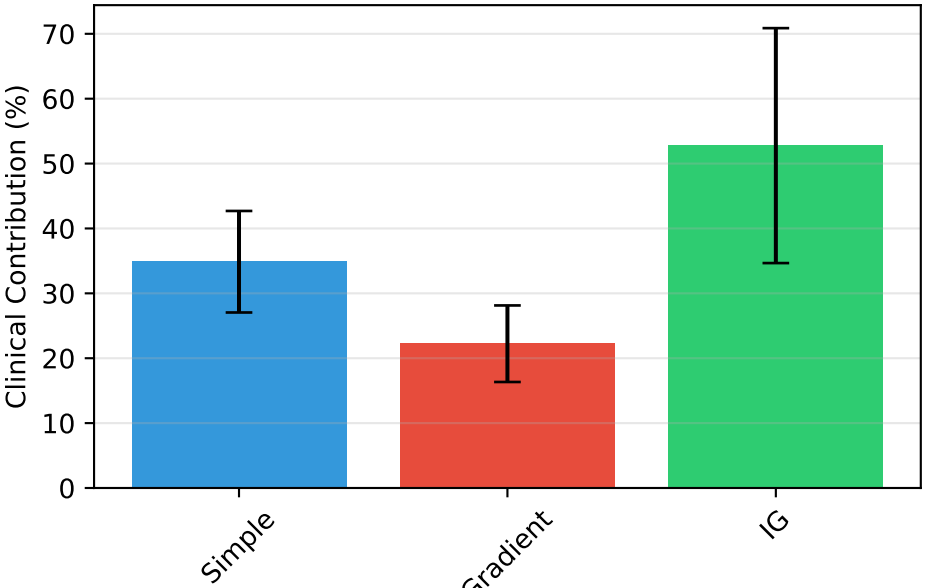
Correlation Between Attribution Methods

	Simp-Img	Simp-Txt	Simp-Clin	Grad-Img	Grad-Txt	Grad-Clin	IG-Img	IG-Txt	IG-Clin
Simp-Img	1.00	-0.36	-0.64	0.63	-0.11	-0.53	0.44	0.42	-0.42
Simp-Txt	-0.36	1.00	-0.49	-0.22	0.42	-0.12	0.11	-0.11	0.11
Simp-Clin	-0.64	-0.49	1.00	-0.41	-0.24	0.59	-0.50	-0.30	0.30
Grad-Img	0.63	-0.22	-0.41	1.00	-0.39	-0.67	0.41	0.29	-0.29
Grad-Txt	-0.11	0.42	-0.24	-0.39	1.00	-0.43	0.07	0.29	-0.29
Grad-Clin	-0.53	-0.12	0.59	-0.67	-0.43	1.00	-0.46	-0.51	0.51
IG-Img	0.44	0.11	-0.50	0.41	0.07	-0.46	1.00	0.67	-0.67
IG-Txt	0.42	-0.11	-0.30	0.29	0.29	-0.51	0.67	1.00	-1.00
IG-Clin	-0.42	0.11	0.30	-0.29	-0.29	0.51	-0.67	-1.00	1.00

Risk Score Correlation by Attribution Method and Modality

- Simple Attribution Imaging: -0.330
- Simple Attribution Text: 0.006
- Simple Attribution Clinical: 0.303
- Gradient-based Imaging: -0.352
- Gradient-based Text: -0.268
- Gradient-based Clinical: 0.564
- Integrated Gradients Imaging: -0.380
- Integrated Gradients Text: -0.525
- Integrated Gradients Clinical: 0.525