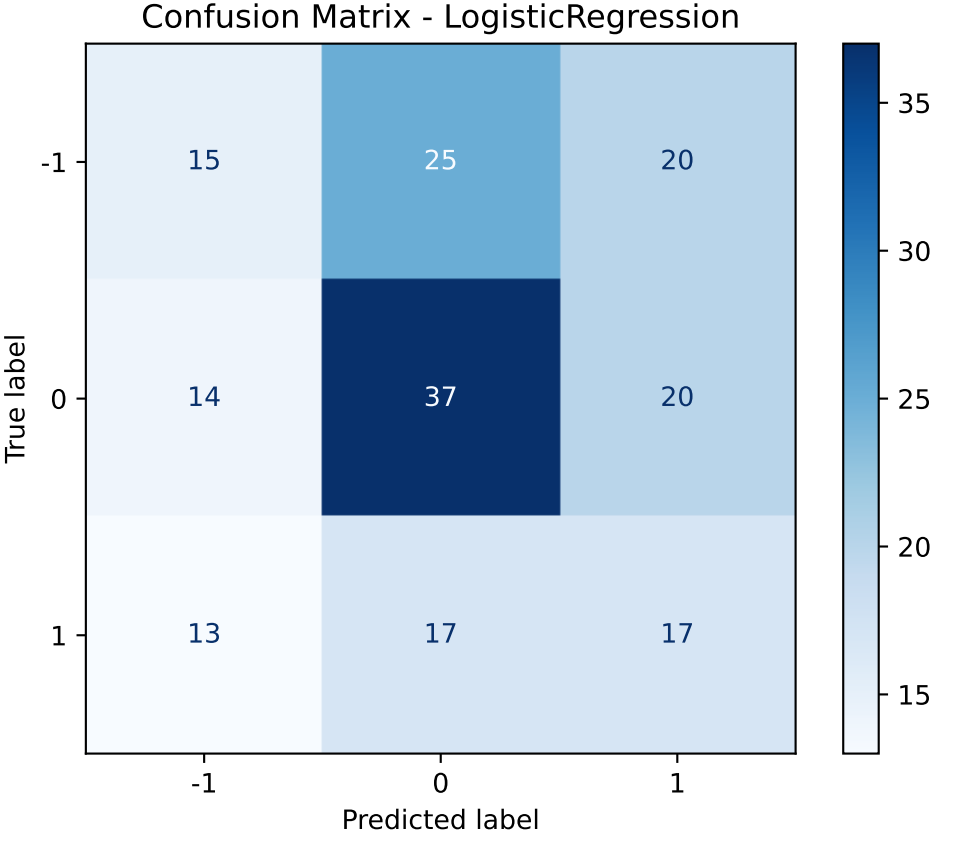
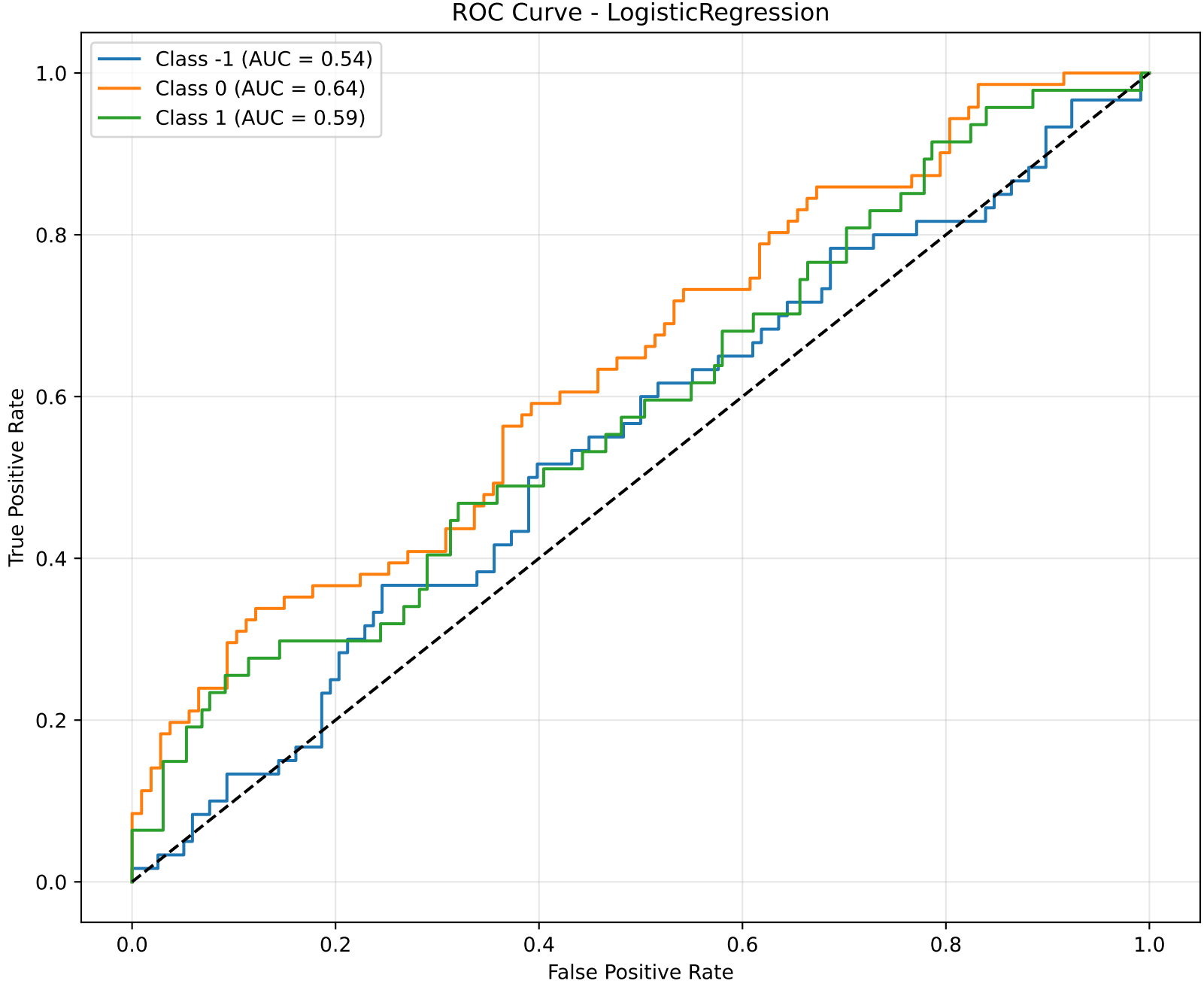
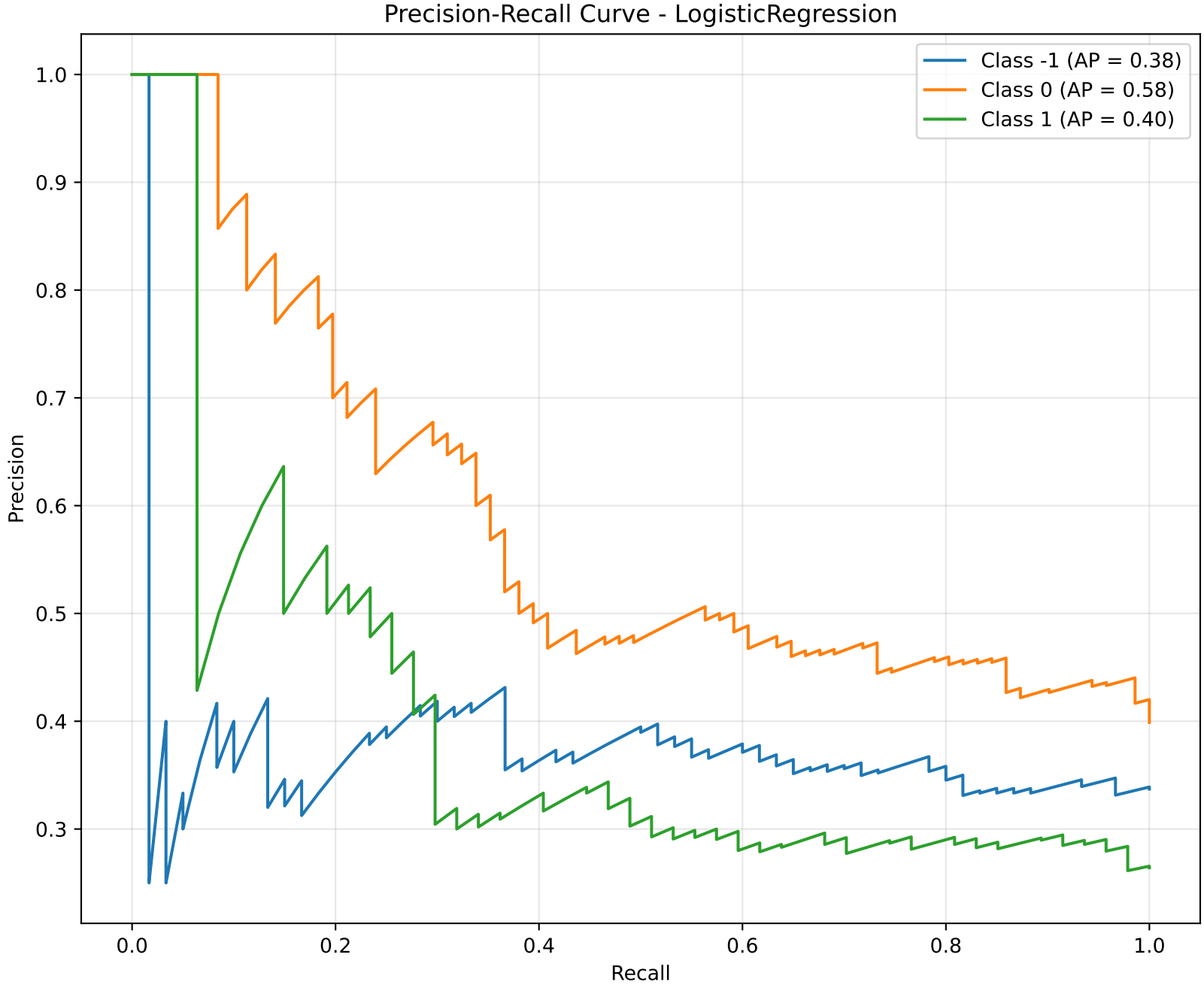
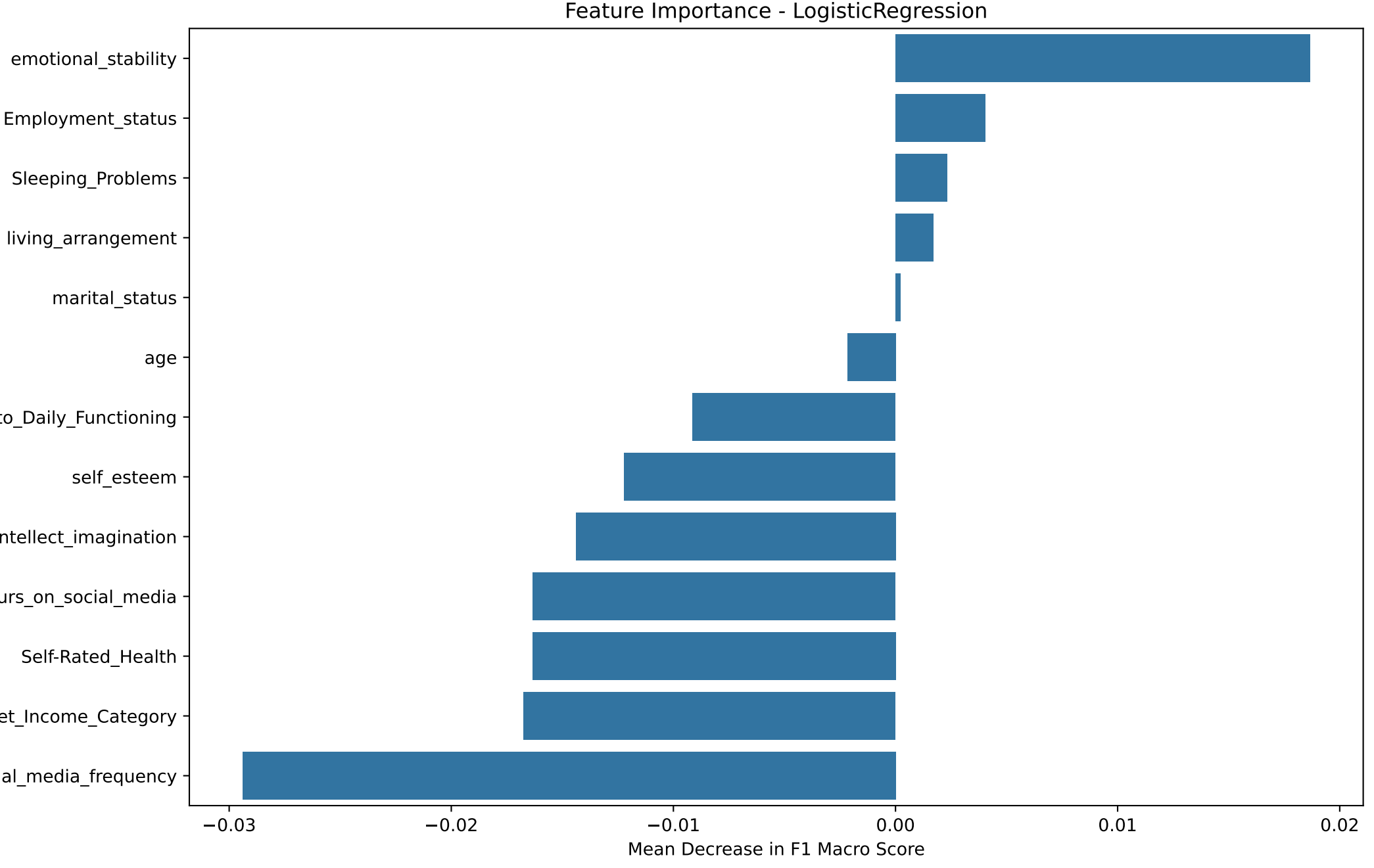
Classification Report

	precision	recall	f1-score	support
-1	0.36	0.25	0.29	60
0	0.47	0.52	0.49	71
1	0.30	0.36	0.33	47
accuracy			0.39	178
macro avg	0.37	0.38	0.37	178
weighted avg	0.39	0.39	0.38	178


Confusion Matrix - LogisticRegression
True label
Predicted label
-1
0
1
15
25
20
14
37
20
13
17
17
35
30
25
20
15


ROC Curve - LogisticRegression
Class -1 (AUC = 0.54)
Class 0 (AUC = 0.64)
Class 1 (AUC = 0.59)
True Positive Rate
False Positive Rate
0.0
0.2
0.4
0.6
0.8
1.0


Precision-Recall Curve - LogisticRegression
Class -1 (AP = 0.38)
Class 0 (AP = 0.58)
Class 1 (AP = 0.40)
Precision
Recall
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.0
0.2
0.4
0.6
0.8
1.0


Feature Importance - LogisticRegression
emotional_stability
Employment_status
Sleeping_Problems
living_arrangement
marital_status
age
to_Daily_Functioning
self_esteem
ntellect_imagination
urs_on_social_media
Self-Rated_Health
et_Income_Category
al_media_frequency
−0.03
−0.02
−0.01
0.00
0.01
0.02
Mean Decrease in F1 Macro Score

Macro-Averaged Metrics

Macro AUC-ROC: 0.5906
Macro Average Precision: 0.4552