☐ Advanced SHAP Analysis: Disease-Specific Feature Importance ☐ Top Features - 12W Outcomes ☐ Category Summary - 12W Outcomes 0.1162 Severe Depression 0.1566 Condition Type Encoded Clinical Severity Therapy Intensity 0.1941 0.2016 Bdi Baseline Squared 0.2041 Subclinical Depression 0.2214 Bdi Severity Score 1.3607 Demographics Age Severity Therapy 0.2821 0.2964 Bdi li Baseline Age Gender Female 0.3366 0.8051 0.3641 Therapy Engagement Age 0.3779 Moderate Engagement 0.3785 Completion Medium **Bdi Improvement Potential** 0.4159 0.1946 Other Medical 0.4596 Bdi Baseline Log

0.5764

0.6

0.0

0.5

1.5

Total SHAP Importance

2.0

2.5

Bdi Baseline Percentile

0.0

0.1

0.2

0.3

SHAP Importance

0.4

0.5

2.6163

