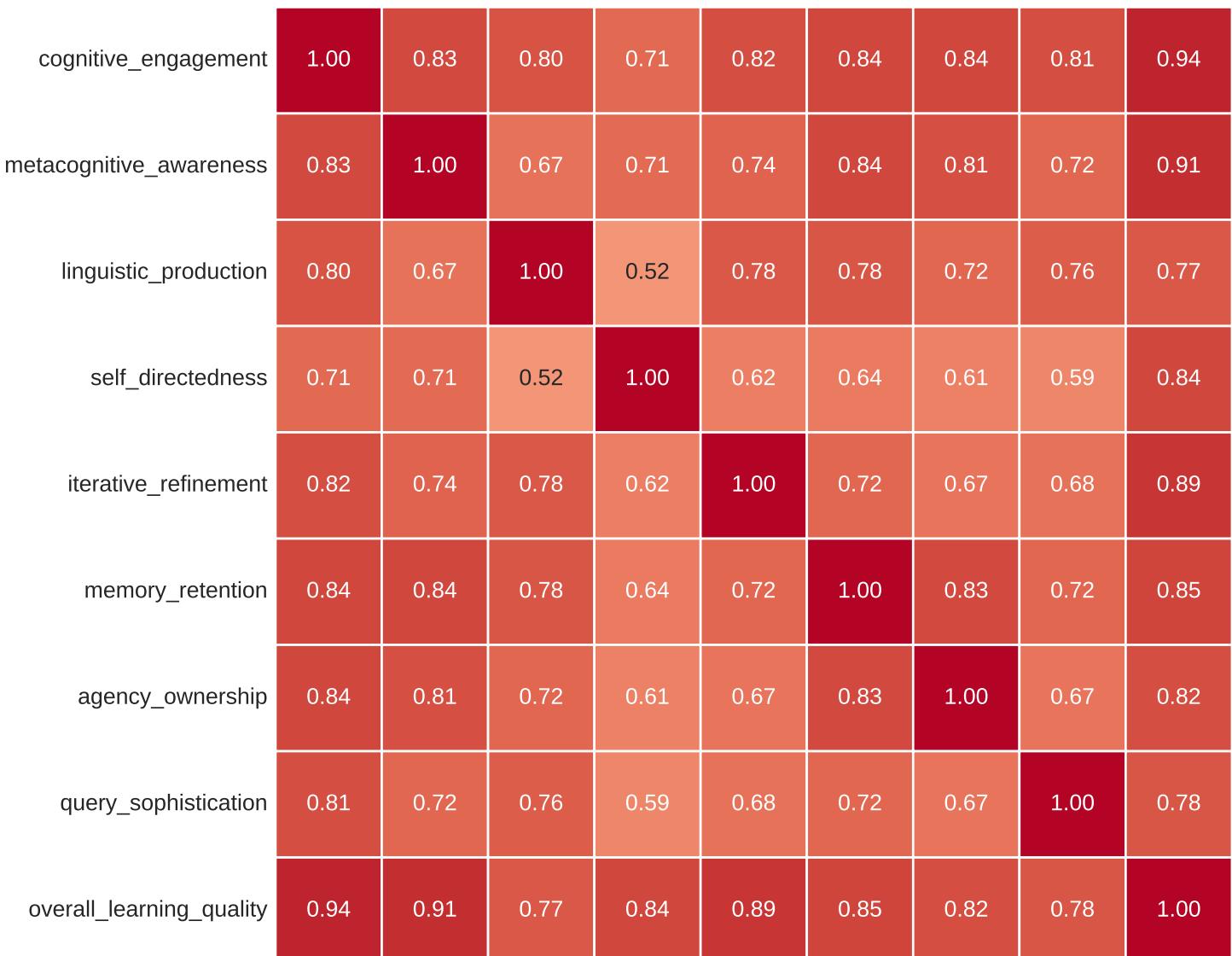Metric Correlations