

Refactoring level distribution comparison (SAR vs Human)

Refactoring level

High-level (signature)

54.84%

Human

Agentic Refactoring

43.05%

Medium-level (signature + block)

20.73%

Human

21.19%

Agentic Refactoring

Low-level (code block)

24.43%

Human

35.76%

Agentic Refactoring

80.0 60.0 40.0 20.0 0.0 20.0 40.0 60.0 80.0

Percentage within level (%)