

Table 1: Refinement types sorted by Average Improvement.

Rank	Refinement Type	Average Improvement
1	Adding requirements for comparing alternatives	0.1099
2	Requiring explicit justification for decisions	0.1095
3	Requiring causal explanations or mechanistic understanding	0.1053
4	Enhancing verification, validation, and evidence standards	0.1033
5	Shifting focus from superficial to substantive qualities	0.1017
6	Mandating explicit statements, justifications, or declarations	0.1001
7	Incorporating risk analysis or safety constraints	0.0996
8	Introducing penalties, prohibitions, or negative scoring	0.0991
9	Breaking down complex criteria into sub-components	0.0989
10	Adding conditional or context-dependent rules	0.0979
11	Streamlining by removing redundancy	0.0977
12	Adjusting scoring weights, granularity, or mechanisms	0.0977
13	Adding timing, sequencing, or process flow criteria	0.0950
14	Broadening criteria to accept multiple approaches	0.0941
15	Requiring specific, actionable recommendations	0.0916
16	Defining explicit scope, boundaries, or constraints	0.0914
17	Mandating precise language or technical accuracy	0.0905
18	Replacing vague language with specific requirements	0.0878
19	Mandating specific structure or formatting	0.0869
20	Assessing communication quality or tone	0.0716
21	Correcting errors or aligning with intended standards	0.0686