# Ordinal Logistic Regression Results by Model

Note: Odds Ratios represent the likelihood of higher performance ('Correct' > 'Inaccurate' > 'Wrong') for 'Knowledge' relative to 'Case'.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Model | P-value (Uncorrected) | P-value (Bonferroni) | Significant? | Odds Ratio | 95% CI Lower | 95% CI Upper |
| Gemini-1.5-Pro | P=0.04 | P=0.38 | No | 0.7206 | 0.5249 | 0.9893 |
| GPT-4o | P=0.44 | P>.99 | No | 0.8751 | 0.6214 | 1.232 |
| GPT-4o + RAG | P=0.001 | P=0.01 | Yes | 2.42 | 1.415 | 4.138 |
| GPT-4o mini | P=0.90 | P>.99 | No | 0.9795 | 0.7119 | 1.348 |
| GPT-4 Turbo | P=0.52 | P>.99 | No | 1.113 | 0.806 | 1.537 |
| LLaMA3.1-Nemotron-70b | P=0.22 | P>.99 | No | 1.22 | 0.888 | 1.677 |
| LLaMA3.1-Sonar-405b + Online | P=0.01 | P=0.13 | No | 1.574 | 1.096 | 2.262 |
| LLaMA3-70b | P=0.72 | P>.99 | No | 1.06 | 0.77 | 1.459 |
| Mixtral-8x7b | P<.001 | P<.001 | Yes | 0.5191 | 0.3759 | 0.7167 |