# Post-Hoc Comparison Results

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| Model 1 | Model 2 | P-Value Corrected | Significantly Different |
| GPT-4o + RAG | LLaMA3.1-Sonar-405b + Online | P=0.005 | Yes |
| GPT-4o + RAG | GPT-4o | P<.001 | Yes |
| GPT-4o + RAG | GPT-4 Turbo | P<.001 | Yes |
| GPT-4o + RAG | GPT-4o mini | P<.001 | Yes |
| GPT-4o + RAG | LLaMA3.1-Nemotron-70b | P<.001 | Yes |
| GPT-4o + RAG | LLaMA3-70b | P<.001 | Yes |
| GPT-4o + RAG | Gemini-1.5-Pro | P<.001 | Yes |
| GPT-4o + RAG | Mixtral-8x7b | P<.001 | Yes |
| LLaMA3.1-Sonar-405b + Online | GPT-4o | P>.99 | No |
| LLaMA3.1-Sonar-405b + Online | GPT-4 Turbo | P=0.008 | Yes |
| LLaMA3.1-Sonar-405b + Online | GPT-4o mini | P=0.001 | Yes |
| LLaMA3.1-Sonar-405b + Online | LLaMA3.1-Nemotron-70b | P<.001 | Yes |
| LLaMA3.1-Sonar-405b + Online | LLaMA3-70b | P<.001 | Yes |
| LLaMA3.1-Sonar-405b + Online | Gemini-1.5-Pro | P<.001 | Yes |
| LLaMA3.1-Sonar-405b + Online | Mixtral-8x7b | P<.001 | Yes |
| GPT-4o | GPT-4 Turbo | P=0.004 | Yes |
| GPT-4o | GPT-4o mini | P<.001 | Yes |
| GPT-4o | LLaMA3.1-Nemotron-70b | P<.001 | Yes |
| GPT-4o | LLaMA3-70b | P<.001 | Yes |
| GPT-4o | Gemini-1.5-Pro | P<.001 | Yes |
| GPT-4o | Mixtral-8x7b | P<.001 | Yes |
| GPT-4 Turbo | GPT-4o mini | P>.99 | No |
| GPT-4 Turbo | LLaMA3.1-Nemotron-70b | P=0.52 | No |
| GPT-4 Turbo | LLaMA3-70b | P>.99 | No |
| GPT-4 Turbo | Gemini-1.5-Pro | P=0.002 | Yes |
| GPT-4 Turbo | Mixtral-8x7b | P<.001 | Yes |
| GPT-4o mini | LLaMA3.1-Nemotron-70b | P>.99 | No |
| GPT-4o mini | LLaMA3-70b | P>.99 | No |
| GPT-4o mini | Gemini-1.5-Pro | P=0.09 | No |
| GPT-4o mini | Mixtral-8x7b | P=0.001 | Yes |
| LLaMA3.1-Nemotron-70b | LLaMA3-70b | P>.99 | No |
| LLaMA3.1-Nemotron-70b | Gemini-1.5-Pro | P=0.91 | No |
| LLaMA3.1-Nemotron-70b | Mixtral-8x7b | P=0.11 | No |
| LLaMA3-70b | Gemini-1.5-Pro | P=0.25 | No |
| LLaMA3-70b | Mixtral-8x7b | P=0.05 | Yes |
| Gemini-1.5-Pro | Mixtral-8x7b | P>.99 | No |