

COMPREHENSIVE LLM PERFORMANCE ANALYSIS

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Report Generated: 2025-06-26 15:32:30

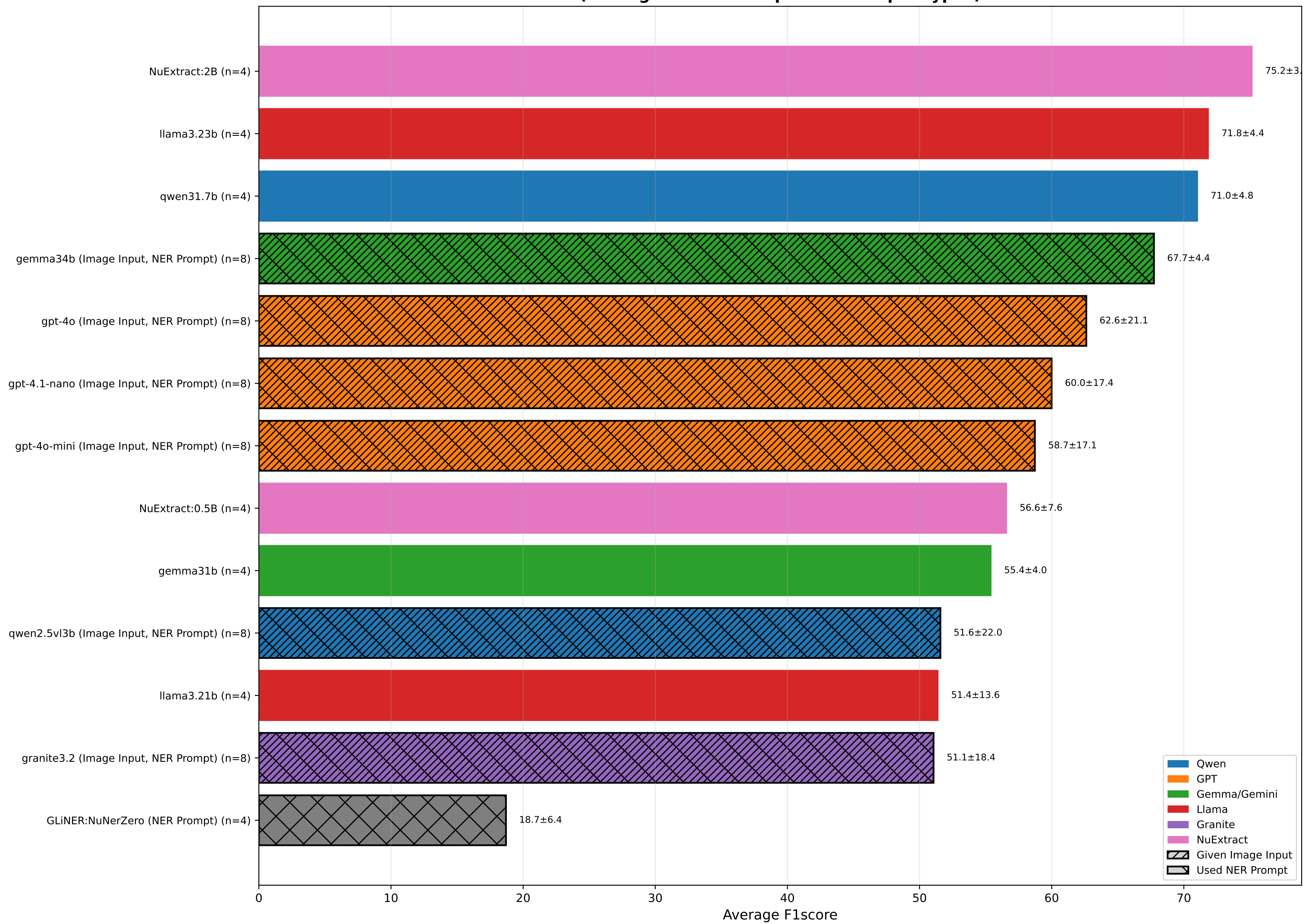
OVERALL PERFORMANCE METRICS:

- Average F1 Score: 58.082 (Std: 18.227)
- Average Accuracy: 43.149 (Std: 16.620)
- Average Precision: 61.895 (Std: 21.505)
- Average Recall: 57.942 (Std: 18.549)

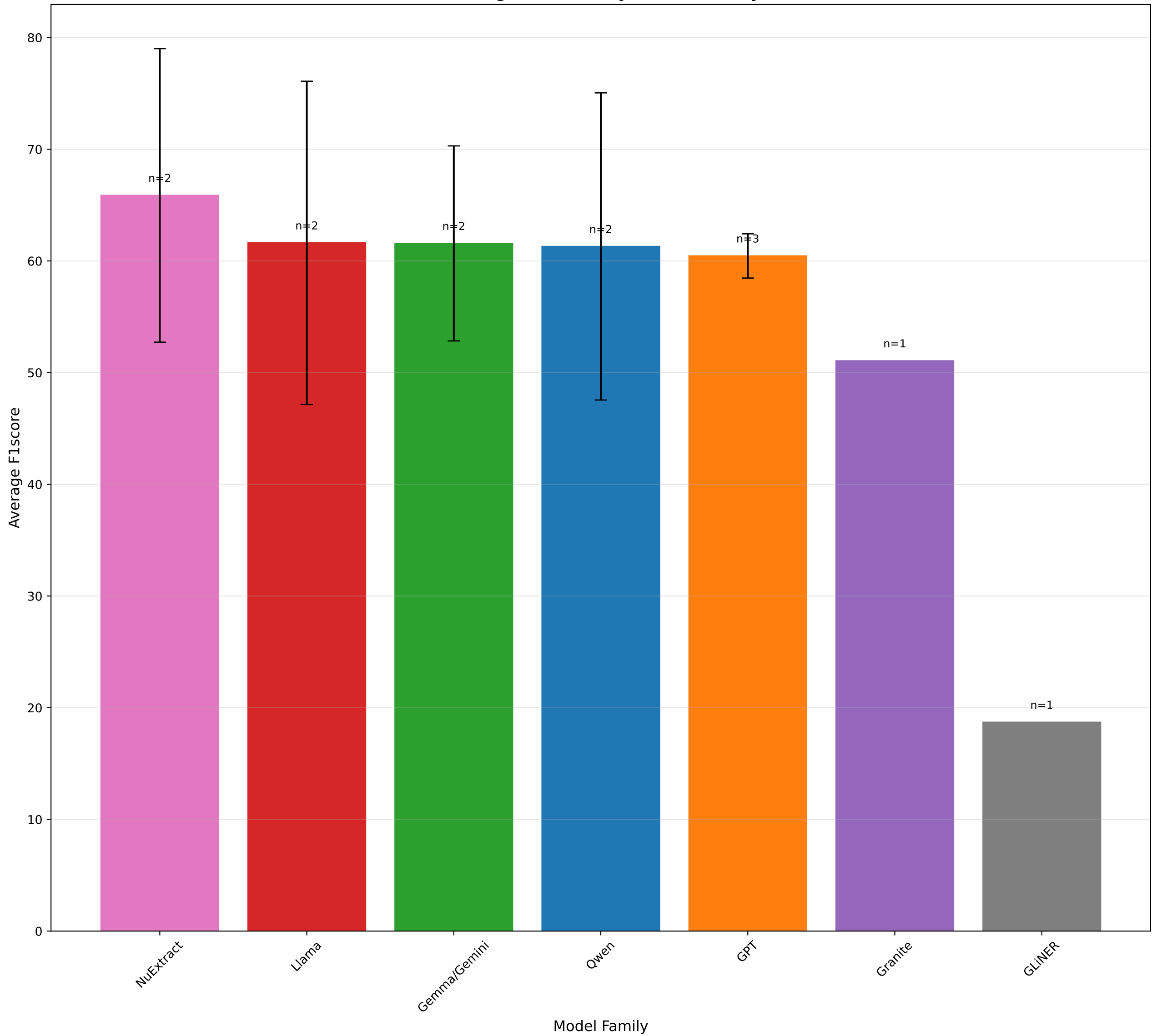
GROUPED MODEL F1 SCORE STATISTICS:

- Unique Base Models: 13
- Total Test Instances: 76
- Best Performing Model: NuExtract:2B (F1: 75.16)
- Worst Performing Model: GLiNER:NuNerZero (F1: 18.70)
- Overall Average F1: 57.83
- Models with Vision: 6

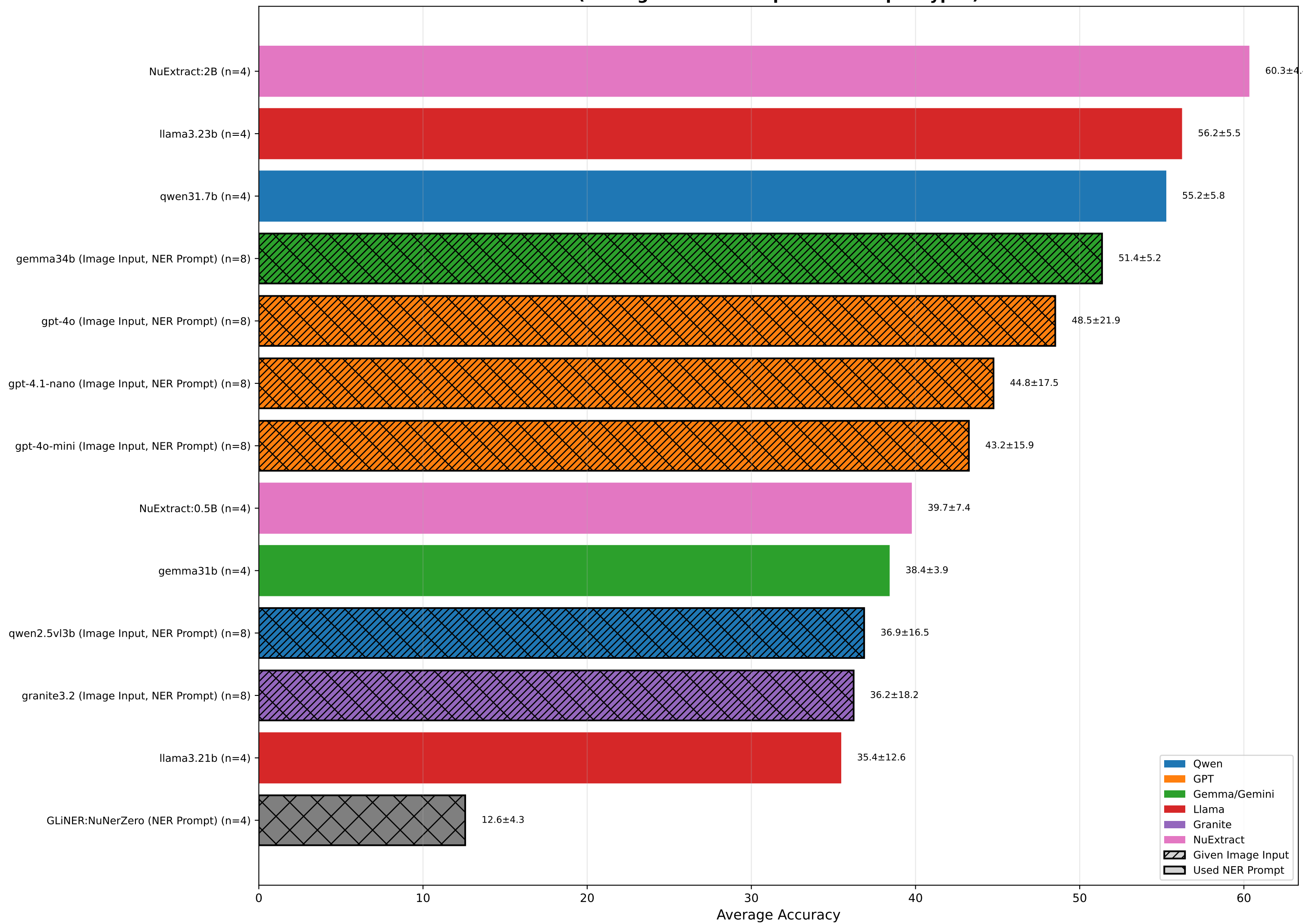
Overall F1score Performance - Models Grouped by Base Name
(Averaged across hospitals and input types)



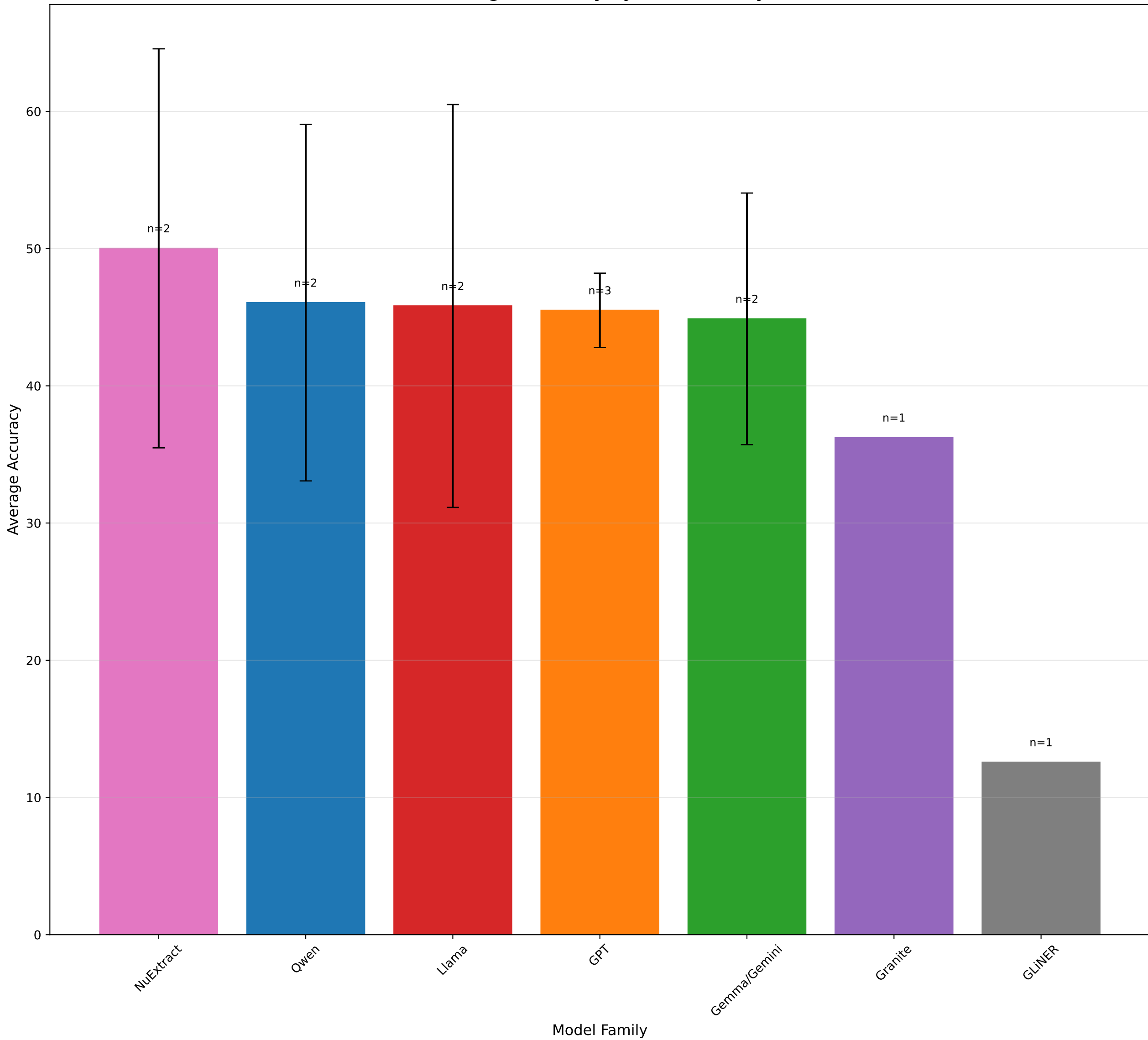
Average F1score by Model Family



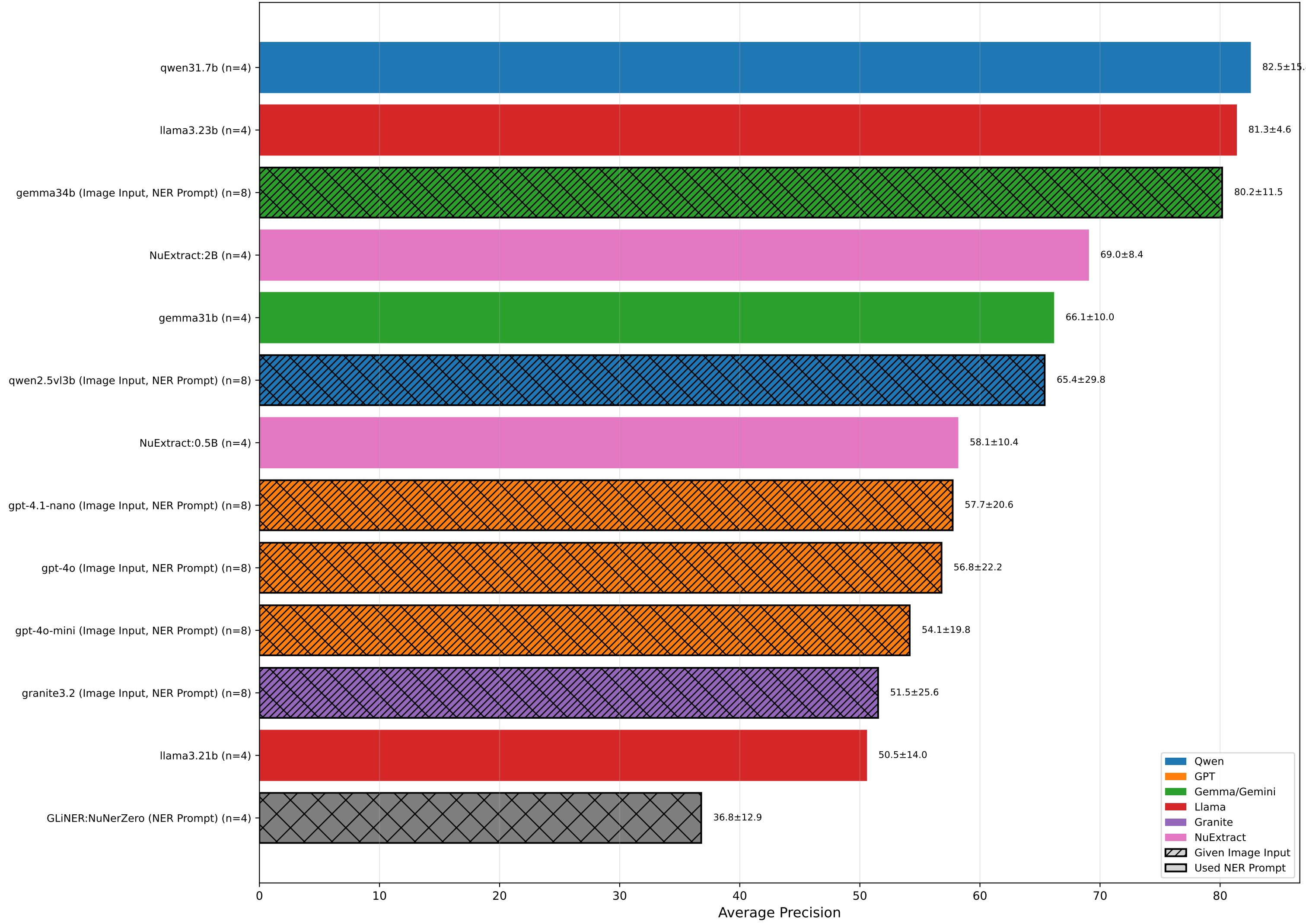
Overall Accuracy Performance - Models Grouped by Base Name
(Averaged across hospitals and input types)



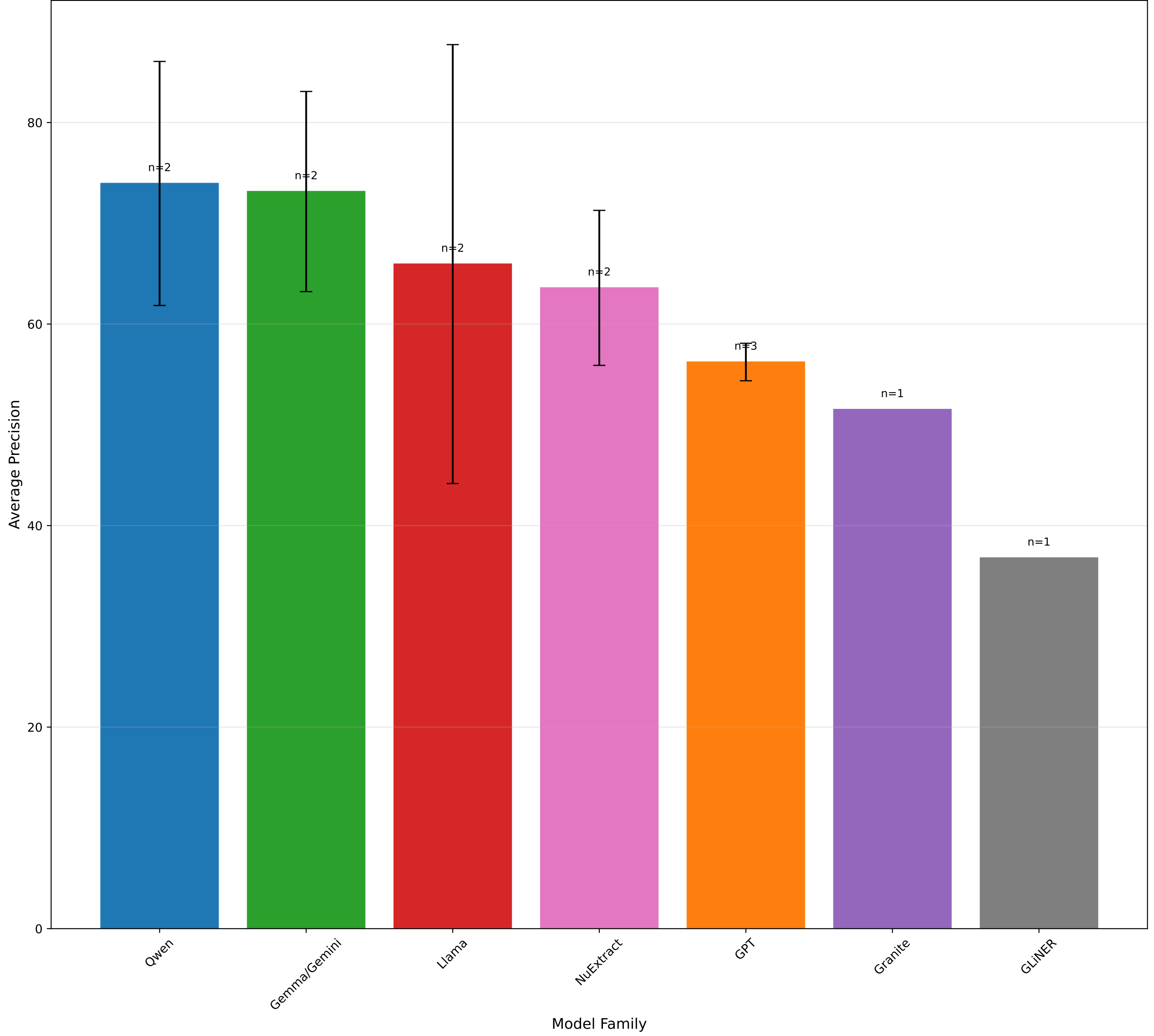
Average Accuracy by Model Family



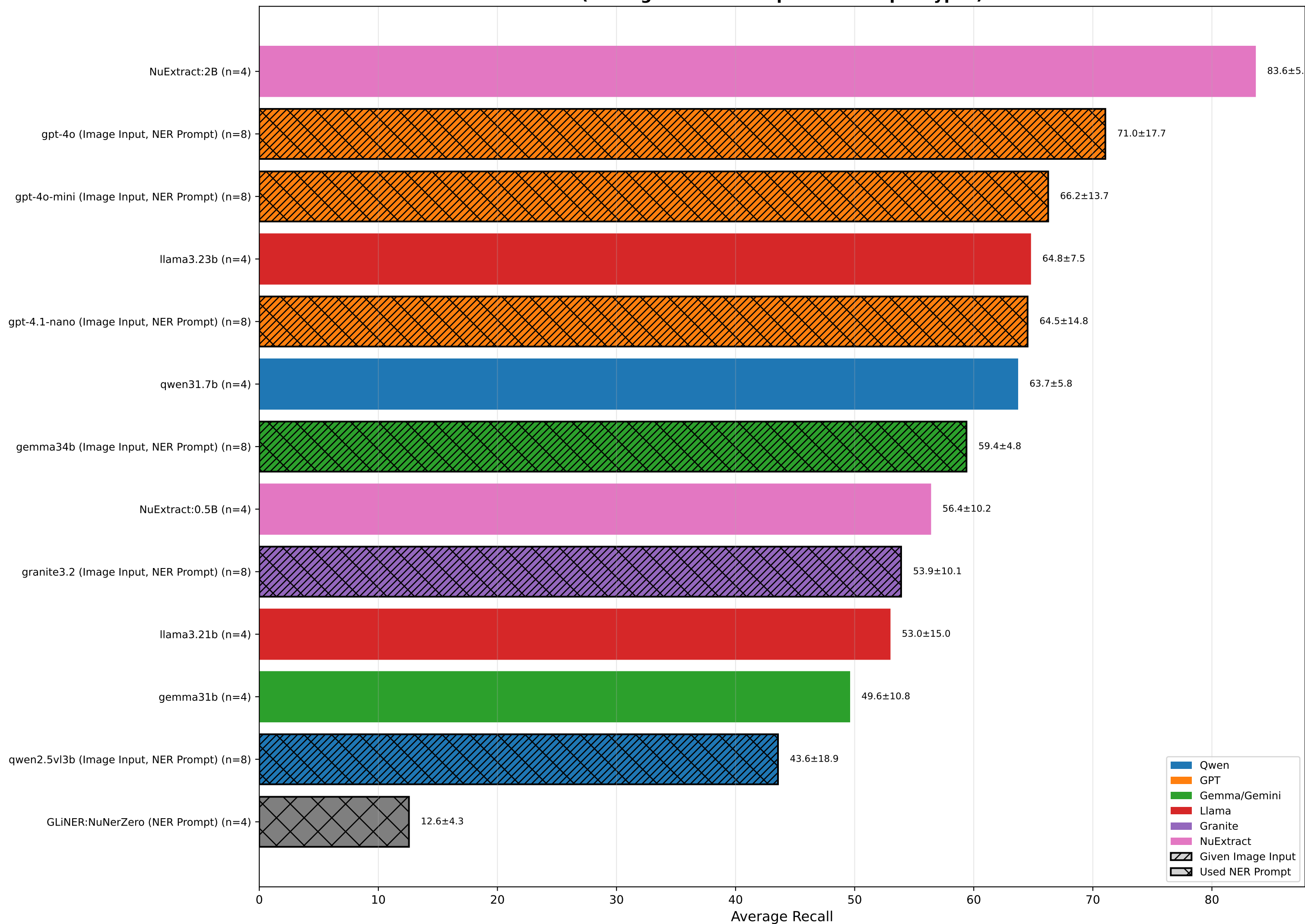
Overall Precision Performance - Models Grouped by Base Name
(Averaged across hospitals and input types)



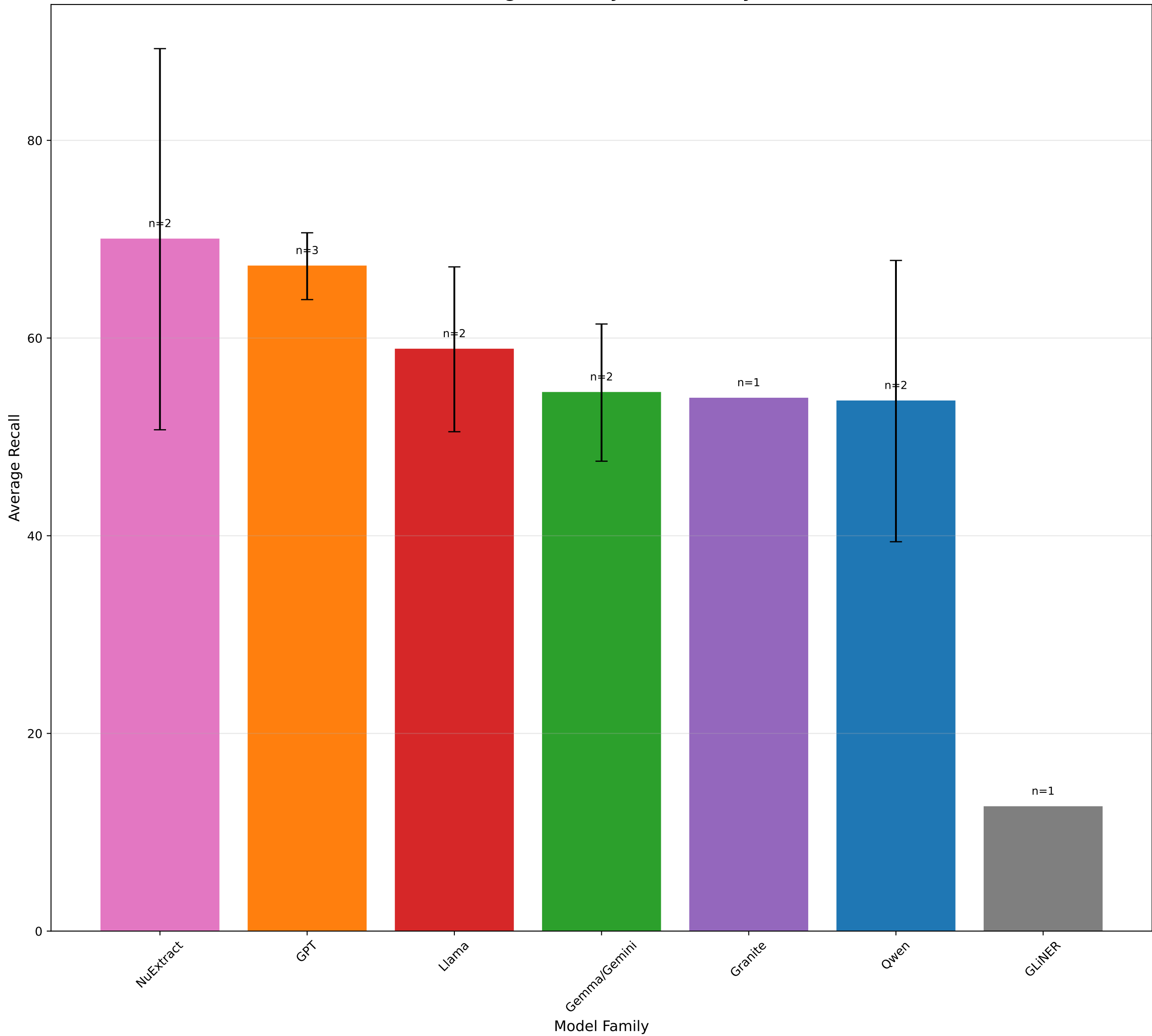
Average Precision by Model Family



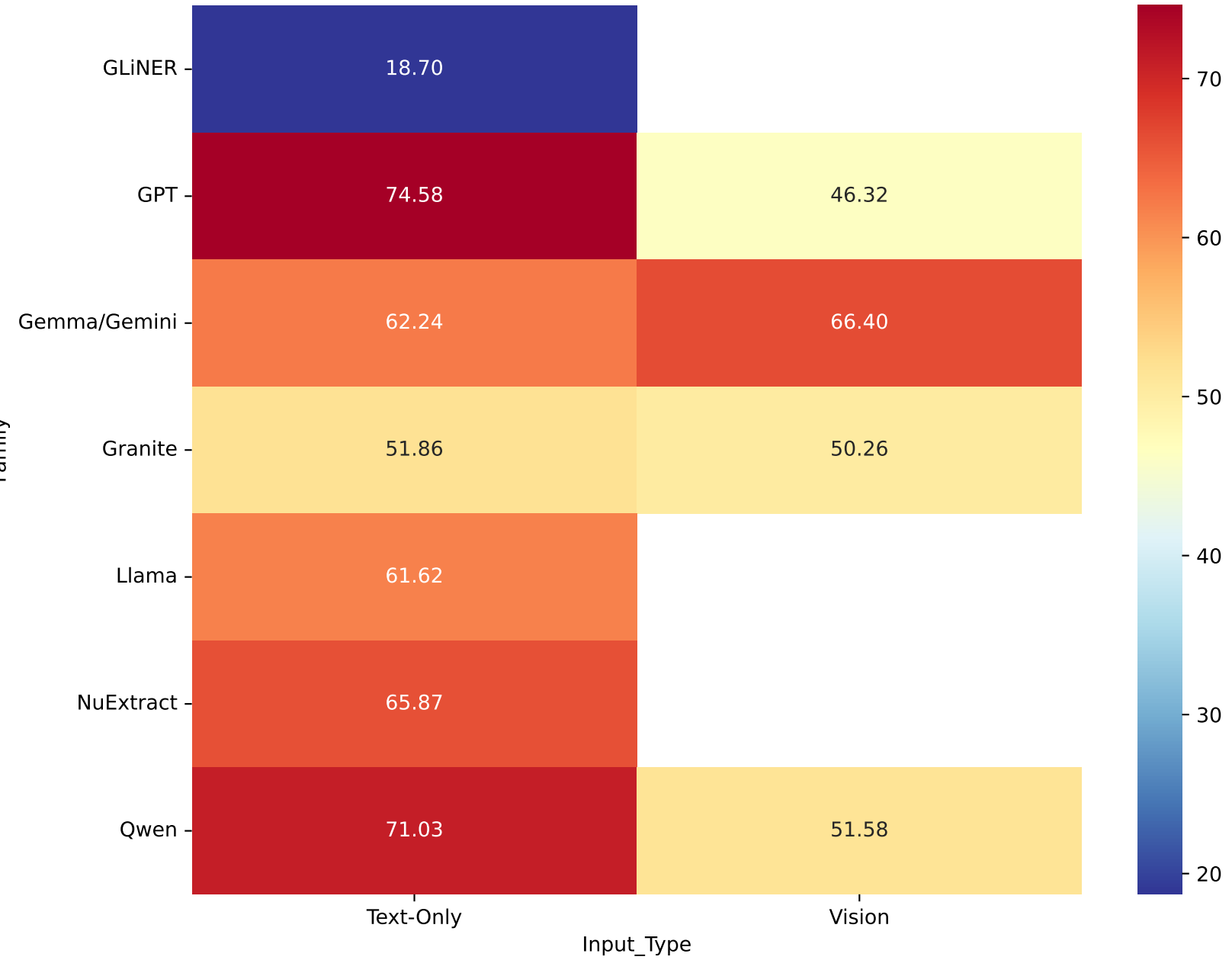
Overall Recall Performance - Models Grouped by Base Name
(Averaged across hospitals and input types)



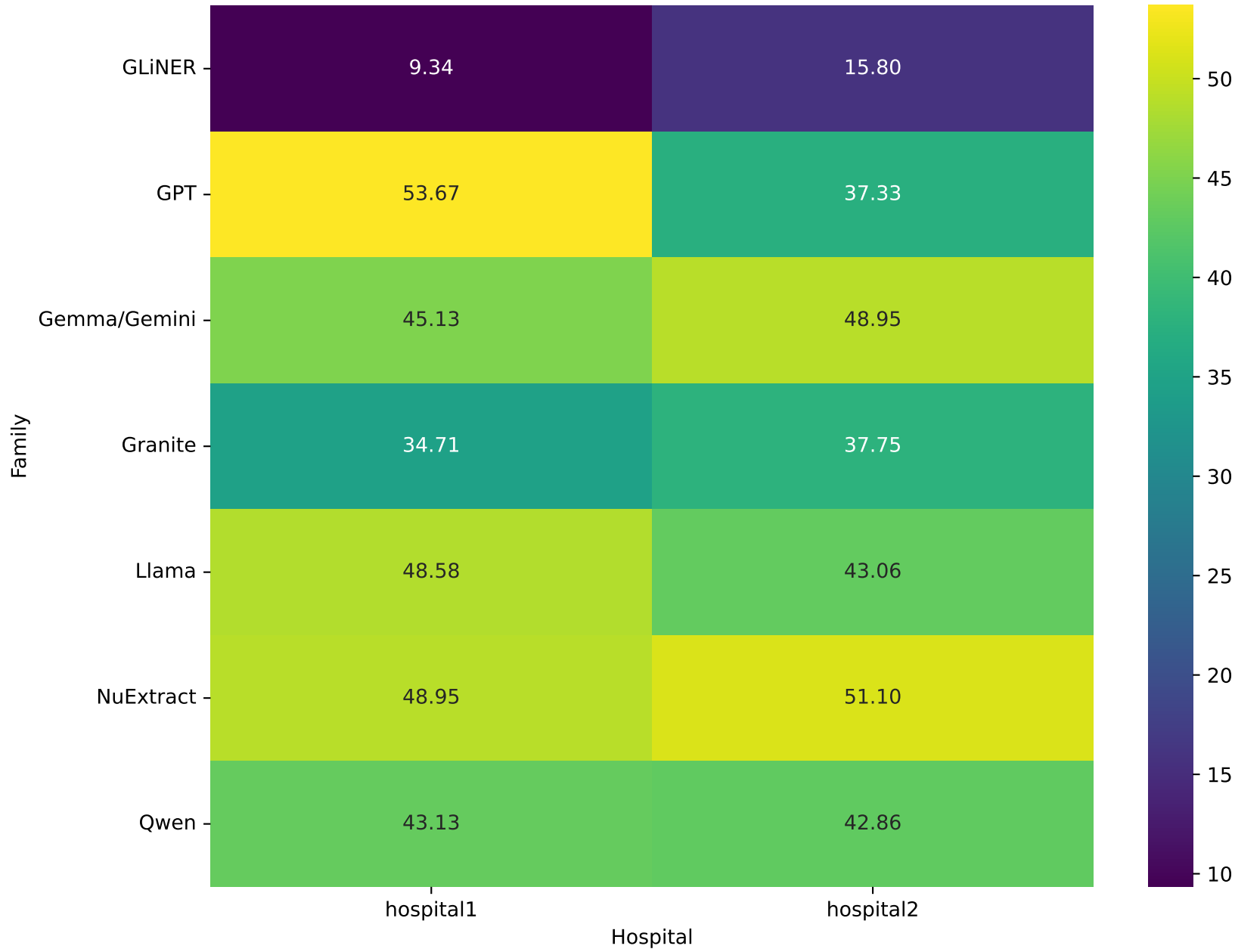
Average Recall by Model Family



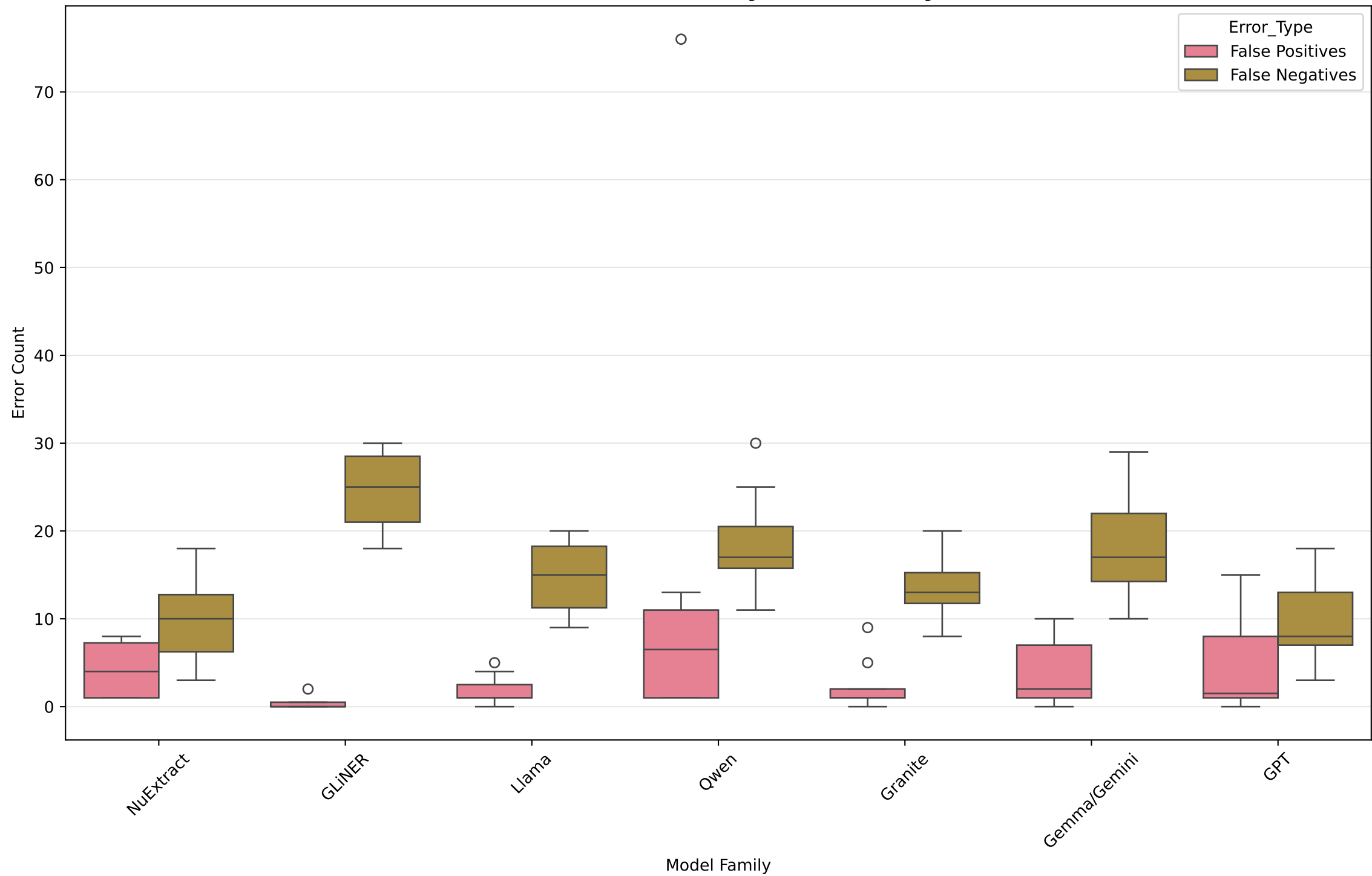
Average F1 Score: Family vs Input Type



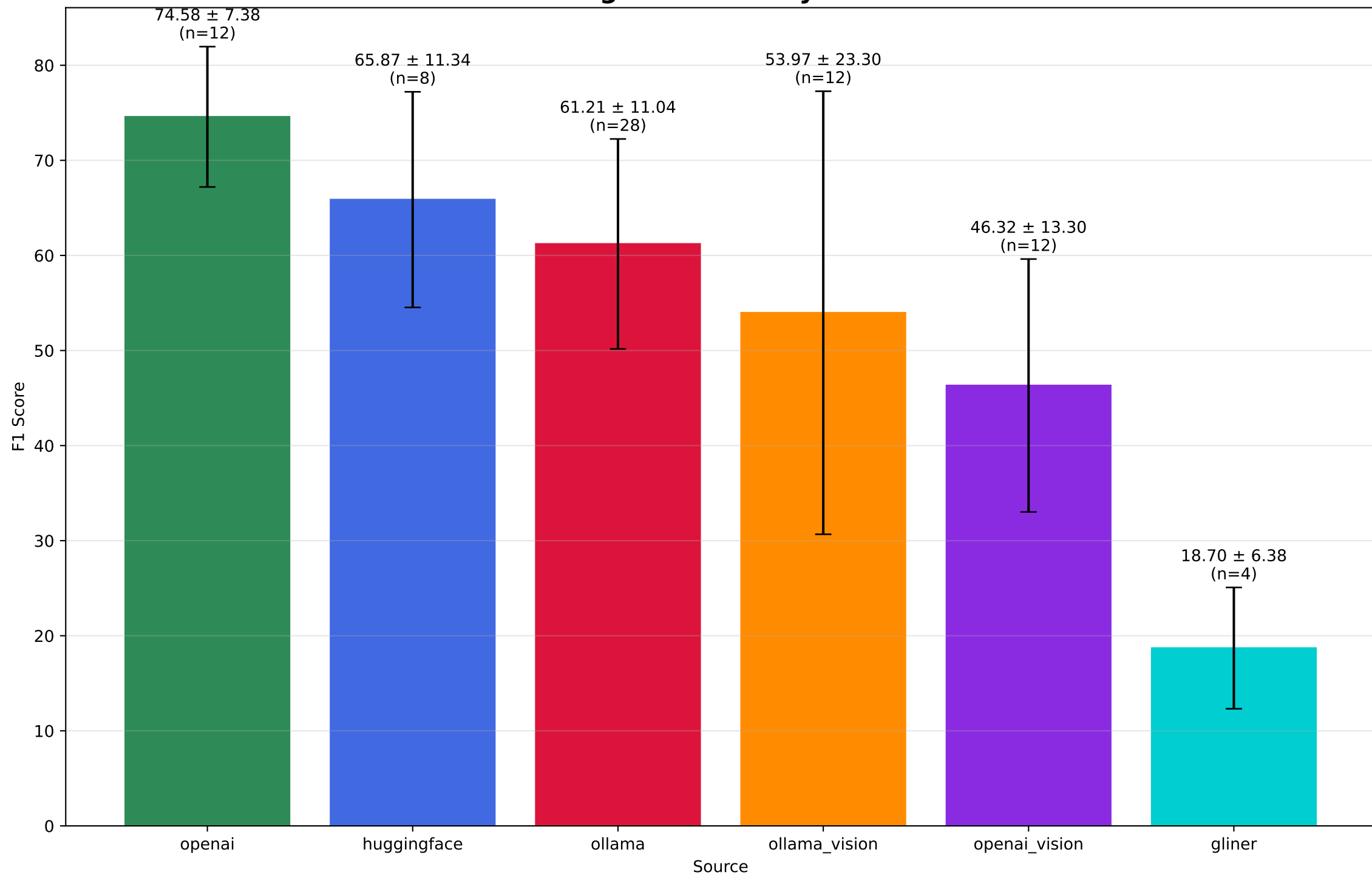
Average Accuracy: Family vs Hospital



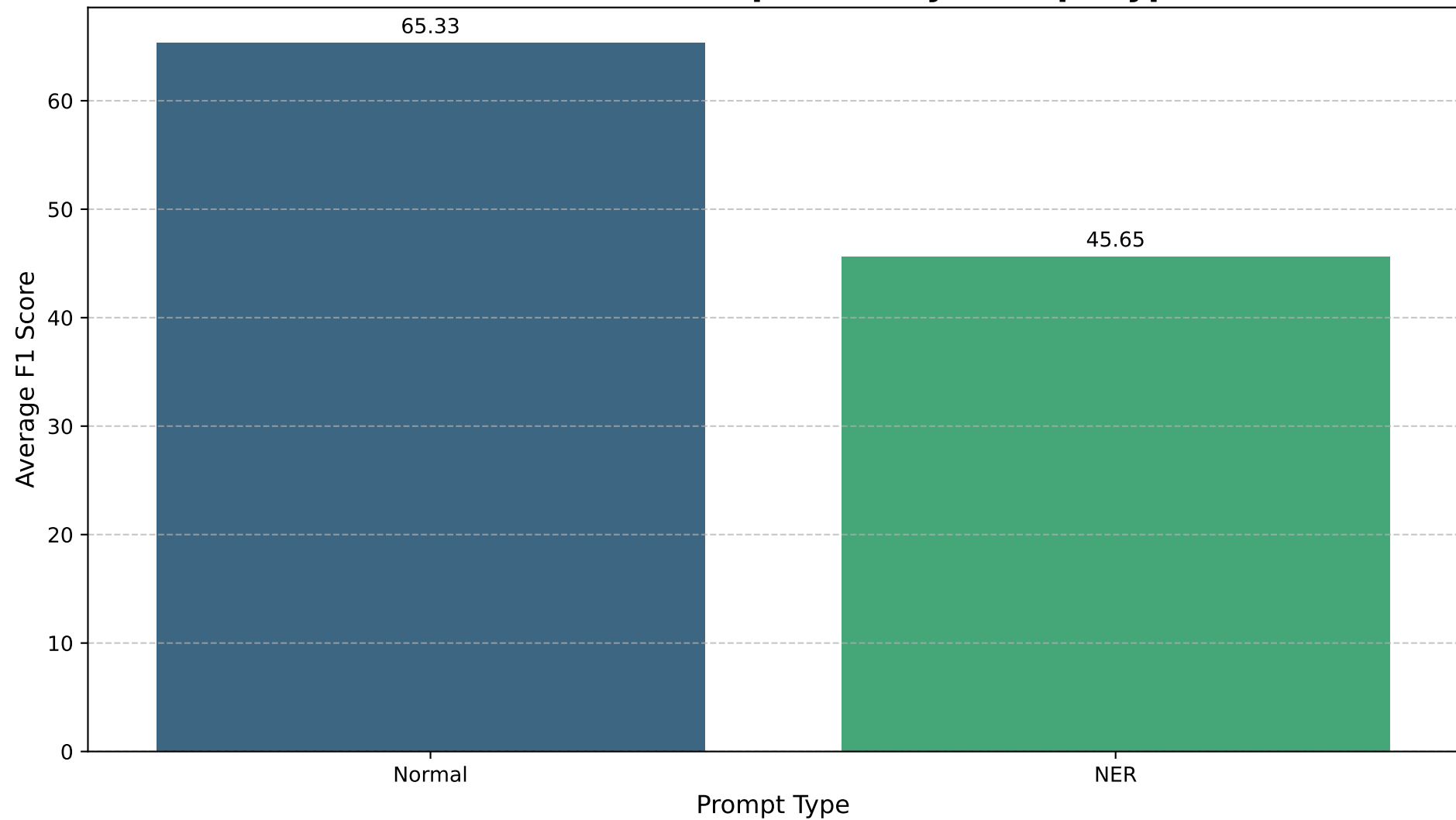
Error Distribution by Model Family



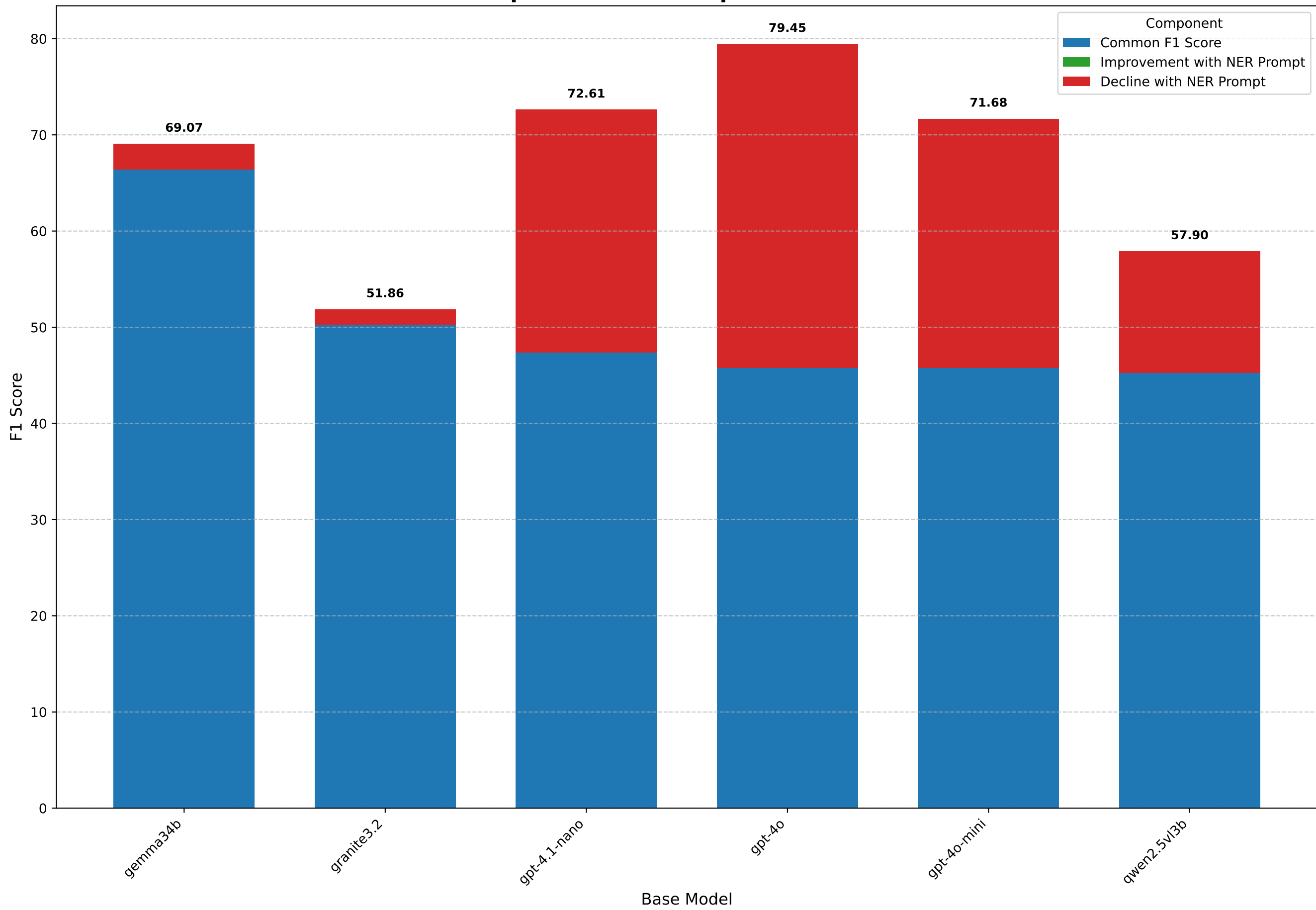
Average F1 Score by Source



Overall F1 Score Comparison by Prompt Type



Impact of NER Prompt on F1 Score



Impact of Image Input on F1 Score

