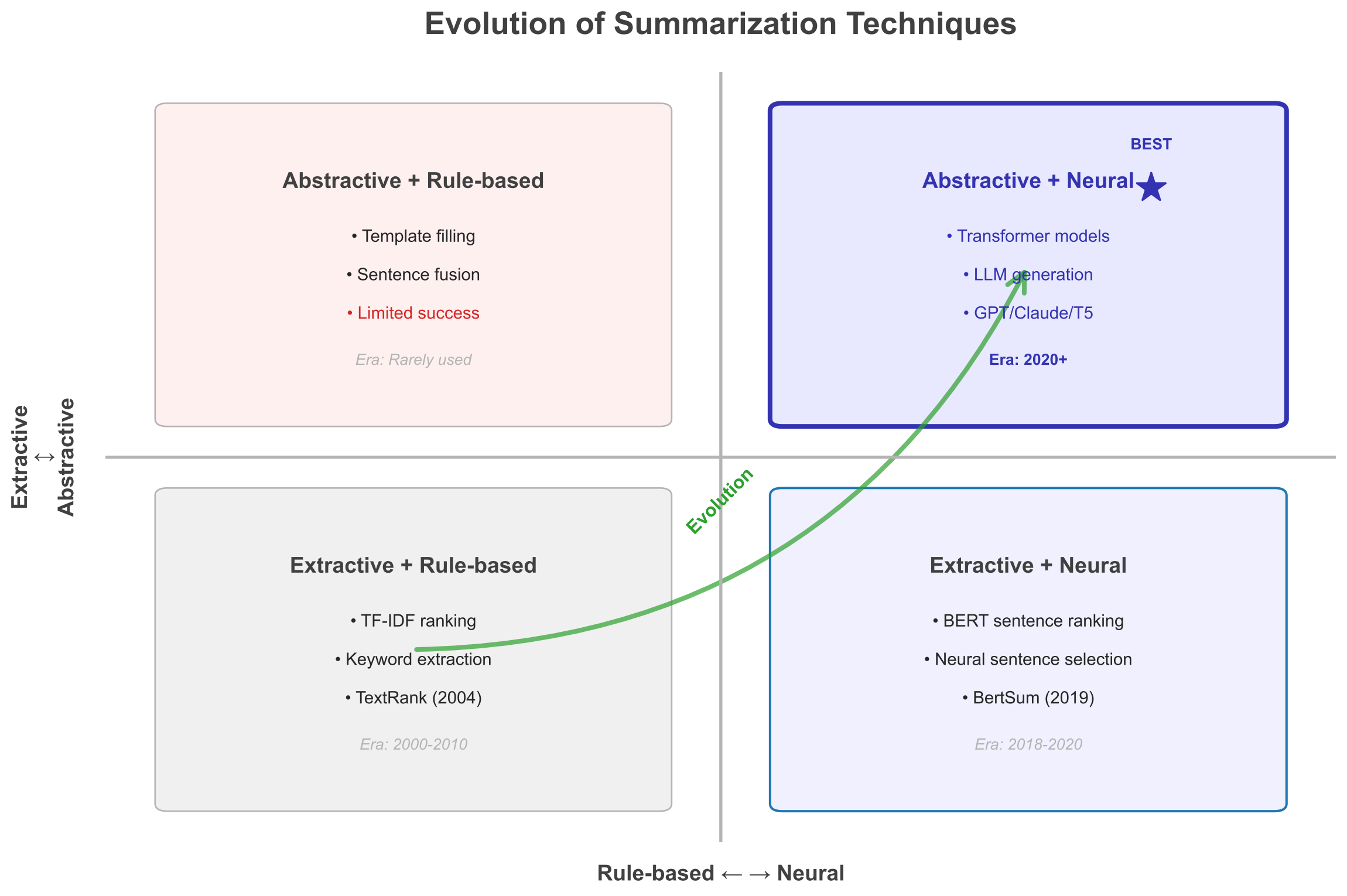
Evolution of Summarization Techniques
Abstractive + Rule-based
• Template filling
• Sentence fusion
• Limited success
Era: Rarely used
BEST
Abstractive + Neural
• Transformer models
• LLM generation
• GPT/Claude/T5
Era: 2020+
Extractive + Rule-based
• TF-IDF ranking
• Keyword extraction
• TextRank (2004)
Era: 2000-2010
Extractive + Neural
• BERT sentence ranking
• Neural sentence selection
• BertSum (2019)
Era: 2018-2020
Evolution
Extractive ↔ Abstractive
Rule-based ← → Neural