Decoding Strategy Selection Guide

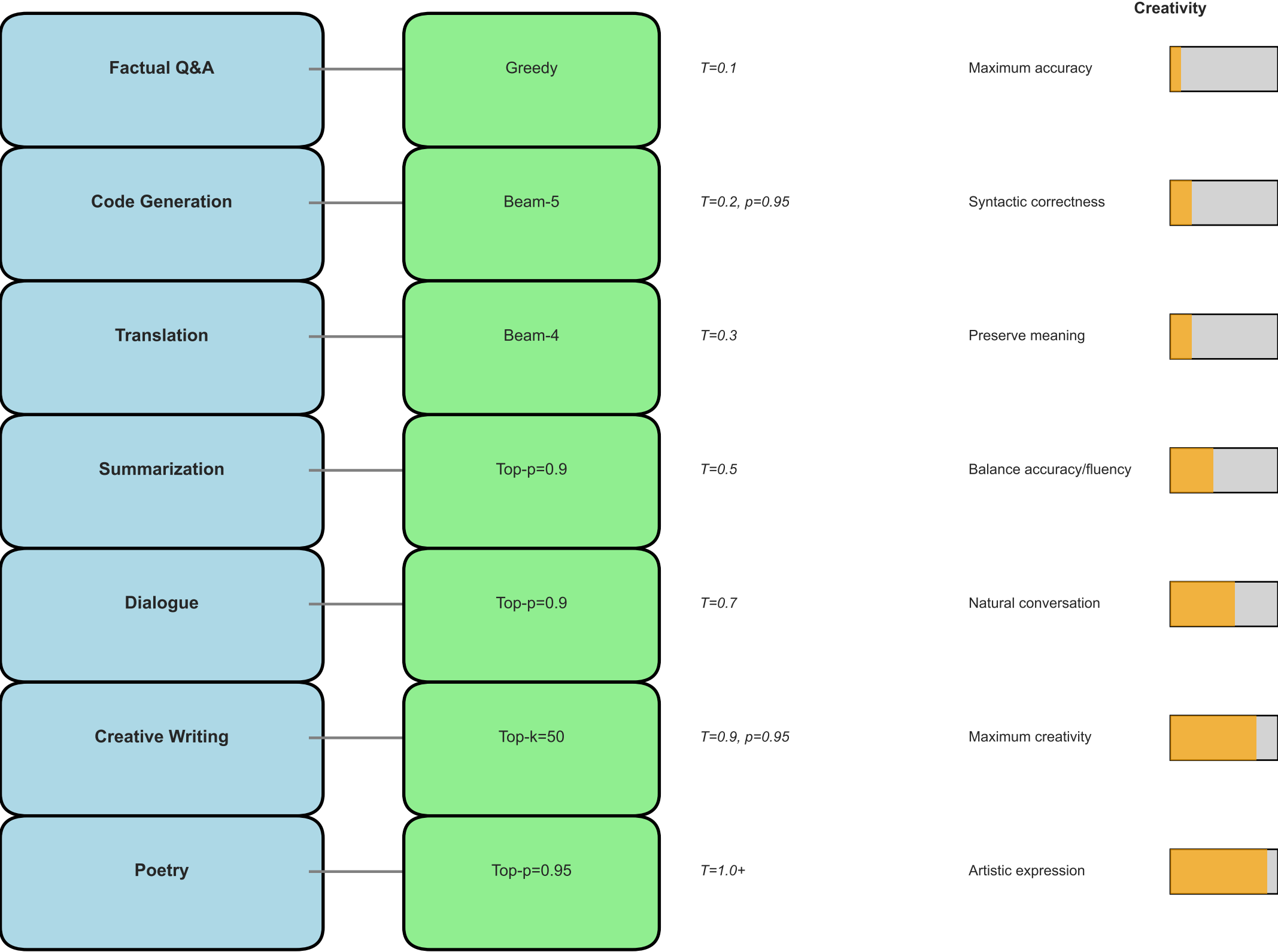| Task	Strategy	Temperature	Goal	Creativity
Factual Q&A	Greedy	*T=0.1*	Maximum accuracy	
Code Generation	Beam-5	*T=0.2, p=0.95*	Syntactic correctness	
Translation	Beam-4	*T=0.3*	Preserve meaning	
Summarization	Top-p=0.9	*T=0.5*	Balance accuracy/fluency	
Dialogue	Top-p=0.9	*T=0.7*	Natural conversation	
Creative Writing	Top-k=50	*T=0.9, p=0.95*	Maximum creativity	
Poetry	Top-p=0.95	*T=1.0+*	Artistic expression	

General Rule: Start conservative, increase randomness until output quality drops