

Table 7: **LACO Hyperparameters**

Hyperparameter	Value
Learning rate	3e-5
Learning rate scheduler	cosine decay to 1e-7
# Mini-batches	32
Train Steps	300000
State Tokenizer Hidden Units	(4096, 4096, 4096)
Prediction Net Hidden Units	(512, 256)
Observation Tokenizer/Encoder	CLIP B/16
Language Tokenizer/Encoder	CLIP B/16
# Attention Layers	4
# Attention Heads	16
# Token Dimension	768

Table 8: **Multi-View MAE Hyperparameters**

Hyperparameter	Value
Learning rate	3e-5
Learning rate scheduler	None
# Mini-batches	16
Training Steps	20000
Encoder # Layers	8
Encoder # Head	12
Encoder Embedding Dimension	768
Decoder # Layer	6
Decoder # Head	16
Decoder Embedding Dimension	512
Learned Modality Embeddings	True
Mask Ratio	0.8

Table 9: TrajOpt Hyperparameters

Hyperparameter	Value
# Steps	10
Velocity Constraint	[-0.4, 0.4]
μ_0	2
s_0	0.01
c	0.75
τ^+	1.1
τ^-	0.5
k	10
f_{tol}	0.0001
x_{tol}	0.0001
c_{tol}	0.01
solver	ECOS
# Penalty Iterations	5
# Convexify Iterations	5
# Trust Iterations	2
Min Trust Box Size	0.0001