setting	min (default)	mid	max
methods	16 (no vae_rand_b)	17	35: + seam processing of every assembler but random and vae_quilting
pool size N	max(300, 2K) = 300	as min	max(300, 2K)
series length, split	last 10 000 pts; 50/25/25	as min	full series; 60/20/20
VAE trainings	1 per dataset (9)	1 per seed (90)	1 per seed (90)
Diffusion-TS trainings	1 per dataset (9)	1 per dataset (9)	1 per seed (90)
hyper-parameter search	no	no	grid on tail of own train (TSTR: synthetic)
Chronos	t5-small	t5-small	t5-base
MLP tasks	U2.1 only	U2.1 only	all tasks
MLP epochs	30, no early stop	as min	≤ 200, early stop
GBDT	100 trees, depth 4, 64 bins	as min	200 trees, depth 6, 256 bins
decision grid (RQ5 c)	off	off	on
seeds × datasets	10 × 9	10 × 9	10 × 9
Each profile writes to data/processed/<profile>/ and artifacts/<profile>/; mid reuses min data. Method counts include 4 published results (vae_zseries and its seam-processing variants), which are not generated: 1 080 generated series in min (9 datasets × 10 seeds × 12 methods), 1 170 in mid (13), 2 790 in max (31 methods).			