

Command Line Registry (reconstructed)

This document consolidates the PowerShell one-liner commands used to generate recent output artifacts (*.txt) and their corresponding console logs (*.log). Where a command was not explicitly recorded, it is reconstructed from the output filename pattern plus the project's standard defaults (n_qubits=4, seeds_per_batch=5000, batches=3, open_system, os_include_baselines, os_pairs_per_batch=400, os_t_max=5.0, os_t_steps=25).

IMPORTANT: Rows marked with LOW confidence contain placeholders (<FILLME>) or assumed parameters; please verify against the header of each output file or your shell history.

Section A — Verified/attached outputs (highest priority)

These commands correspond to the outputs that were cross-referenced and hash-verified in the mapping file.

Output file	LastWrittenTime	Command	Confidence	Notes
v23_both_gphi10_g02_subset3_eigen_p400_rand64.txt	2026-01-08 15:44:23	<pre>python -X utf8 -u .\v0_7_convergence_families _v23_randK_win.py -- n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model both -- os_gamma_phi 0.1 -- os_gamma_1 0.02 -- os_noise_qubits subset -- os_noise_subset 3 -- logical_basis eigen -- os_t_max 5.0 --os_t_steps 25 --os_states_mode rand64 --output v23_both_gphi10_g02_subset3 _eigen_p400_rand64.txt > v23_both_gphi10_g02_subset3 _eigen_p400_rand64.log</pre>	Medium	
v23_deph_gphi20_subset3_eigen_p400_rand64.txt	2026-01-08 15:22:47	<pre>python -X utf8 -u .\v0_7_convergence_families _v23_randK_win.py -- n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model dephasing -- os_gamma_phi 0.2 -- os_noise_qubits subset -- os_noise_subset 3 -- logical_basis eigen --</pre>	Medium	

		<pre>os_t_max 5.0 --os_t_steps 25 --os_states_mode rand64 --output v23_deph_gphi20_subset3_eig en_p400_rand64.txt *> v23_deph_gphi20_subset3_eig en_p400_rand64.log</pre>		
v23_deph_gphi10_subset3_noi se_diag_p400_rand64.txt	2026-01-08 13:33:5 5	<pre>python -X utf8 -u .\v0_7_convergence_families _v23_randK_win.py -- n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model dephasing -- os_gamma_phi 0.1 -- os_noise_qubits subset -- os_noise_subset 3 -- logical_basis noise_diag -- os_t_max 5.0 --os_t_steps 25 --os_states_mode rand64 --output v23_deph_gphi10_subset3_noi se_diag_p400_rand64.txt *> v23_deph_gphi10_subset3_noi se_diag_p400_rand64.log</pre>	Medi um	
v23_ampd_g02_subset3_noise_ _diag_p400_rand64.txt	2026-01-08 12:59:5 0	<pre>python -X utf8 -u .\v0_7_convergence_families _v23_randK_win.py -- n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model amp_damp -- os_gamma_phi 0.01 -- os_gamma_1 0.02 -- os_noise_qubits subset -- os_noise_subset 3 -- logical_basis noise_diag -- os_t_max 5.0 --os_t_steps 25 --os_states_mode rand64 --output v23_ampd_g02_subset3_noise_ diag_p400_rand64.txt *> v23_ampd_g02_subset3_noise_ diag_p400_rand64.log</pre>	Medi um	Assumed gamma_ phi=0.01 (not encoded)
v23_ampd_g05_subset3_noise_ _diag_p400_rand64.txt	2026-01-08 12:09:3 8	<pre>python -X utf8 -u .\v0_7_convergence_families _v23_randK_win.py -- n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model amp_damp -- os_gamma_phi 0.01 -- os_gamma_1 0.05 -- os_noise_qubits subset -- os_noise_subset 3 --</pre>	Medi um	Assumed gamma_ phi=0.01 (not encoded)

		<pre>logical_basis noise_diag -- os_t_max 5.0 --os_t_steps 25 --os_states_mode rand64 --output v23_ampd_g05_subset3_noise_ diag_p400_rand64.txt */ v23_ampd_g05_subset3_noise_ diag_p400_rand64.log</pre>		
v23_ampd_g10_subset3_eigen_ _p400_rand64.txt	2026- 01-08 11:25:0 7	<pre>python -X utf8 -u .\v0_7_convergence_families _v23_randK_win.py -- n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model amp_damp -- os_gamma_phi 0.01 -- os_gamma_1 0.1 -- os_noise_qubits subset -- os_noise_subset 3 -- logical_basis eigen -- os_t_max 5.0 --os_t_steps 25 --os_states_mode rand64 --output v23_ampd_g10_subset3_eigen_ p400_rand64.txt */ v23_ampd_g10_subset3_eigen_ p400_rand64.log</pre>	Medi um	Assumed gamma_ phi=0.01 (not encoded)
v23_ampd_g10_subset3_noise_ _diag_p400_rand64.txt	2026- 01-08 09:31:3 0	<pre>python -X utf8 -u .\v0_7_convergence_families _v23_randK_win.py -- n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model amp_damp -- os_gamma_phi 0.01 -- os_gamma_1 0.1 -- os_noise_qubits subset -- os_noise_subset 3 -- logical_basis noise_diag -- os_t_max 5.0 --os_t_steps 25 --os_states_mode rand64 --output v23_ampd_g10_subset3_noise_ diag_p400_rand64.txt */ v23_ampd_g10_subset3_noise_ diag_p400_rand64.log</pre>	Medi um	Assumed gamma_ phi=0.01 (not encoded)
v23_ampd_g10_subset3_noise_ _diag_p400.txt	2026- 01-07 14:53:1 0	<pre>python -X utf8 -u .\v0_7_convergence_families _v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model amp_damp -- os_gamma_phi 0.01 -- os_gamma_1 0.10 -- os_noise_qubits subset --</pre>	High	ZX diagnosi c probe set (default in v23 before rand64

		<pre>os_noise_subset 3 -- logical_basis noise_diag -- os_t_max 5.0 --os_t_steps 25 --output v23_ampd_g10_subset3_noise_ diag_p400.txt *> v23_ampd_g10_subset3_noise_ diag_p400.log</pre>		patch)
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Section B — Additional recent local outputs (best-effort reconstruction)

These rows are reconstructed from the local manifest filenames and should be validated before publication.

Output file	LastWrittenTime	Command	Confidence	Notes
v23_deph_gphi05_subset3_eigen_p400_rand64.txt	2026-01-08 15:10:19	<pre>python -X utf8 -u .\v0_7_convergence_families _v23_randK_win.py -- n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model dephasing -- os_gamma_phi 0.05 -- os_noise_qubits subset -- os_noise_subset 3 -- logical_basis eigen -- os_t_max 5.0 --os_t_steps 25 --os_states_mode rand64 --output v23_deph_gphi05_subset3_eigen_p400_rand64.txt *> v23_deph_gphi05_subset3_eigen_p400_rand64.log</pre>	Low	
v23_deph_gphi10_subset1_eigen_p400_rand64.txt	2026-01-08 14:45:29	<pre>python -X utf8 -u .\v0_7_convergence_families _v23_randK_win.py -- n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model dephasing -- os_gamma_phi 0.1 -- os_noise_qubits subset -- os_noise_subset 1 -- logical_basis eigen -- os_t_max 5.0 --os_t_steps 25 --os_states_mode rand64 --output v23_deph_gphi10_subset1_eigen_p400_rand64.txt *> v23_deph_gphi10_subset1_eigen_p400_rand64.log</pre>	Low	

v23_deph_gphi10_subset2_eig en_p400_rand64.txt	2026-01-08 14:28:3 5	python -X utf8 -u .\\v0_7_convergence_families _v23_randK_win.py -- n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model dephasing -- os_gamma_phi 0.1 -- os_noise_qubits subset -- os_noise_subset 2 -- logical_basis eigen -- os_t_max 5.0 --os_t_steps 25 --os_states_mode rand64 --output v23_deph_gphi10_subset2_eig en_p400_rand64.txt *> v23_deph_gphi10_subset2_eig en_p400_rand64.log	Low	
v23_deph_gphi10_subset0_eig en_p400_rand64.txt	2026-01-08 14:12:1 2	python -X utf8 -u .\\v0_7_convergence_families _v23_randK_win.py -- n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model dephasing -- os_gamma_phi 0.1 -- os_noise_qubits subset -- os_noise_subset 0 -- logical_basis eigen -- os_t_max 5.0 --os_t_steps 25 --os_states_mode rand64 --output v23_deph_gphi10_subset0_eig en_p400_rand64.txt *> v23_deph_gphi10_subset0_eig en_p400_rand64.log	Low	
v23_deph_gphi10_subset3_eig en_p400_rand64.txt	2026-01-08 13:51:1 8	python -X utf8 -u .\\v0_7_convergence_families _v23_randK_win.py -- n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model dephasing -- os_gamma_phi 0.1 -- os_noise_qubits subset -- os_noise_subset 3 -- logical_basis eigen -- os_t_max 5.0 --os_t_steps 25 --os_states_mode rand64 --output v23_deph_gphi10_subset3_eig en_p400_rand64.txt *> v23_deph_gphi10_subset3_eig en_p400_rand64.log	Low	

v23_ampd_g10_subset2_noise_diag_p400_stableq50.txt	2026-01-07 15:10:26	python -X utf8 -u .\v0_7_convergence_families_v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model amp_damp -- os_gamma_phi 0.01 -- os_gamma_1 0.1 -- os_noise_qubits subset -- os_noise_subset 2 -- logical_basis noise_diag -- os_t_max 5.0 --os_t_steps 25 --output v23_ampd_g10_subset2_noise_diag_p400_stableq50.txt *> v23_ampd_g10_subset2_noise_diag_p400_stableq50.log	Low	Assumed gamma_phi=0.01 (not encoded)
v23_ampd_g10_subset2_noise_diag_p400.txt	2026-01-07 14:50:06	python -X utf8 -u .\v0_7_convergence_families_v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model amp_damp -- os_gamma_phi 0.01 -- os_gamma_1 0.1 -- os_noise_qubits subset -- os_noise_subset 2 -- logical_basis noise_diag -- os_t_max 5.0 --os_t_steps 25 --output v23_ampd_g10_subset2_noise_diag_p400.txt *> v23_ampd_g10_subset2_noise_diag_p400.log	Low	Assumed gamma_phi=0.01 (not encoded)
v23_ampd_g10_subset1_noise_diag_p400.txt	2026-01-07 14:39:27	python -X utf8 -u .\v0_7_convergence_families_v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model amp_damp -- os_gamma_phi 0.01 -- os_gamma_1 0.1 -- os_noise_qubits subset -- os_noise_subset 1 -- logical_basis noise_diag -- os_t_max 5.0 --os_t_steps 25 --output v23_ampd_g10_subset1_noise_diag_p400.txt *> v23_ampd_g10_subset1_noise_diag_p400.log	Low	Assumed gamma_phi=0.01 (not encoded)
v23_ampd_g10_subset0_noise_diag_p400.txt	2026-01-07 14:37:4	python -X utf8 -u .\v0_7_convergence_families_v23.py --n_qubits 4 -- seeds_per_batch 5000 --	Low	Assumed gamma_phi=0.01

	1	<pre>batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model amp_damp -- os_gamma_phi 0.01 -- os_gamma_1 0.1 -- os_noise_qubits subset -- os_noise_subset 0 -- logical_basis noise_diag -- os_t_max 5.0 --os_t_steps 25 --output v23_ampd_g10_subset0_noise_ diag_p400.txt */ v23_ampd_g10_subset0_noise_ diag_p400.log</pre>		(not encoded)
v23_q1_g10_eigen_pairs3000.txt	2026-01-07 13:32:02	<pre>python -X utf8 -u .\v0_7_convergence_families _v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model <FILLME> -- os_gamma_phi 0.01 -- os_noise_qubits all -- logical_basis eigen -- os_t_max 5.0 --os_t_steps 25 --output v23_q1_g10_eigen_pairs3000. txt */ v23_q1_g10_eigen_pairs3000. log</pre>	Low	Noise model not encoded; fill manually ; Assumed gamma_phi=0.01 (not encoded)
v23_q1_g10_noise_diag_pairs3000.txt	2026-01-07 13:25:19	<pre>python -X utf8 -u .\v0_7_convergence_families _v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model <FILLME> -- os_gamma_phi 0.01 -- os_noise_qubits all -- logical_basis noise_diag -- os_t_max 5.0 --os_t_steps 25 --output v23_q1_g10_noise_diag_pairs 3000.txt */ v23_q1_g10_noise_diag_pairs 3000.log</pre>	Low	Noise model not encoded; fill manually ; Assumed gamma_phi=0.01 (not encoded)
v23_subset_q1_eigen_g10_report.txt	2026-01-07 13:00:47	<pre>python -X utf8 -u .\v0_7_convergence_families _v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model <FILLME> -- os_gamma_phi 0.01 -- os_noise_qubits subset -- os_noise_subset 1 -- logical_basis eigen --</pre>	Low	Noise model not encoded; fill manually ; Assumed gamma_

		<pre>os_t_max 5.0 --os_t_steps 25 --output v23_subset_q1_eigen_g10_re ort.txt *> v23_subset_q1_eigen_g10_re ort.log</pre>		phi=0.01 (not encoded)
v23_ampd_g005_subset3_nois e_diag_p400.txt	2026-01-07 12:49:3 1	<pre>python -X utf8 -u .\v0_7_convergence_families _v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model amp_damp -- os_gamma_phi 0.01 -- os_gamma_1 <FILLME> -- os_noise_qubits subset -- os_noise_subset 3 -- logical_basis noise_diag -- os_t_max 5.0 --os_t_steps 25 --output v23_ampd_g005_subset3_nois e_diag_p400.txt *> v23_ampd_g005_subset3_nois e_diag_p400.log</pre>	Low	Assumed gamma_ phi=0.01 (not encoded)
v23_ampd_g005_subset2_nois e_diag_p400.txt	2026-01-07 12:47:3 5	<pre>python -X utf8 -u .\v0_7_convergence_families _v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model amp_damp -- os_gamma_phi 0.01 -- os_gamma_1 <FILLME> -- os_noise_qubits subset -- os_noise_subset 2 -- logical_basis noise_diag -- os_t_max 5.0 --os_t_steps 25 --output v23_ampd_g005_subset2_nois e_diag_p400.txt *> v23_ampd_g005_subset2_nois e_diag_p400.log</pre>	Low	Assumed gamma_ phi=0.01 (not encoded)
v23_ampd_g005_subset0_nois e_diag_p400.txt	2026-01-07 12:45:4 2	<pre>python -X utf8 -u .\v0_7_convergence_families _v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model amp_damp -- os_gamma_phi 0.01 -- os_gamma_1 <FILLME> -- os_noise_qubits subset -- os_noise_subset 0 -- logical_basis noise_diag -- os_t_max 5.0 --os_t_steps 25 --output v23_ampd_g005_subset0_nois e_diag_p400.txt *></pre>	Low	Assumed gamma_ phi=0.01 (not encoded)

		v23_ampd_g005_subset0_noise_diag_p400.log		
v23_ampd_g005_subset1_eigen_p1200_report.txt	2026-01-07 12:28:53	python -X utf8 -u .\\v0_7_convergence_families _v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 1200 -- os_noise_model amp_damp -- os_gamma_phi 0.01 -- os_gamma_1 <FILLME> -- os_noise_qubits subset -- os_noise_subset 1 -- logical_basis eigen -- os_t_max 5.0 --os_t_steps 25 --output v23_ampd_g005_subset1_eigen _p1200_report.txt *> v23_ampd_g005_subset1_eigen _p1200_report.log	Low	Assumed gamma_phi=0.01 (not encoded)
v23_ampd_g005_subset1_noise_diag_p1200_report.txt	2026-01-07 12:24:45	python -X utf8 -u .\\v0_7_convergence_families _v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 1200 -- os_noise_model amp_damp -- os_gamma_phi 0.01 -- os_gamma_1 <FILLME> -- os_noise_qubits subset -- os_noise_subset 1 -- logical_basis noise_diag -- os_t_max 5.0 --os_t_steps 25 --output v23_ampd_g005_subset1_noise _diag_p1200_report.txt *> v23_ampd_g005_subset1_noise _diag_p1200_report.log	Low	Assumed gamma_phi=0.01 (not encoded)
v23_ampd_subset_q1_eigen_report.txt	2026-01-07 12:14:27	python -X utf8 -u .\\v0_7_convergence_families _v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model amp_damp -- os_gamma_phi 0.01 -- os_gamma_1 <FILLME> -- os_noise_qubits subset -- os_noise_subset 1 -- logical_basis eigen -- os_t_max 5.0 --os_t_steps 25 --output v23_ampd_subset_q1_eigen_re port.txt *> v23_ampd_subset_q1_eigen_re port.log	Low	Assumed gamma_phi=0.01 (not encoded)
v23_ampd_subset_q1_noise_di	2026-	python -X utf8 -u .\\v0_7_convergence_families	Low	Assumed

ag_report.txt	01-07 12:10:5 2	<pre>_v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model amp_damp -- os_gamma_phi 0.01 -- os_gamma_1 <FILLME> -- os_noise_qubits subset -- os_noise_subset 1 -- logical_basis noise_diag -- os_t_max 5.0 --os_t_steps 25 --output v23_ampd_subset_q1_noise_di ag_report.txt *> v23_ampd_subset_q1_noise_di ag_report.log</pre>		gamma_ phi=0.01 (not encoded)
v23_phi010_subset_q1_eigen_ report.txt	2026- 01-07 12:04:0 4	<pre>python -X utf8 -u .\v0_7_convergence_families _v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model <FILLME> -- os_gamma_phi 0.01 -- os_noise_qubits subset -- os_noise_subset 1 -- logical_basis eigen -- os_t_max 5.0 --os_t_steps 25 --output v23_phi010_subset_q1_eigen_ report.txt *> v23_phi010_subset_q1_eigen_ report.log</pre>	Low	Noise model not encoded; fill manually ; Assumed gamma_ phi=0.01 (not encoded)
v23_phi010_subset_q1_eigen_ runlog.txt	2026- 01-07 12:04:0 4	<pre>python -X utf8 -u .\v0_7_convergence_families _v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model <FILLME> -- os_gamma_phi 0.01 -- os_noise_qubits subset -- os_noise_subset 1 -- logical_basis eigen -- os_t_max 5.0 --os_t_steps 25 --output v23_phi010_subset_q1_eigen_ runlog.txt *> v23_phi010_subset_q1_eigen_ runlog.log</pre>	Low	Noise model not encoded; fill manually ; Assumed gamma_ phi=0.01 (not encoded)
v23_phi010_subset_q1_noise_ diag_report.txt	2026- 01-07 12:00:2 8	<pre>python -X utf8 -u .\v0_7_convergence_families _v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model <FILLME> --</pre>	Low	Noise model not encoded; fill manually

		<pre>os_gamma_phi 0.01 -- os_noise_qubits subset -- os_noise_subset 1 -- logical_basis noise_diag -- os_t_max 5.0 --os_t_steps 25 --output v23_phi010_subset_q1_noise_ diag_report.txt */ v23_phi010_subset_q1_noise_ diag_report.log</pre>		; Assumed gamma_ phi=0.01 (not encoded)
v23_phi010_subset_q1_noise_ diag_runlog.txt	2026- 01-07 12:00:2 8	<pre>python -X utf8 -u .\v0_7_convergence_families _v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 400 -- os_noise_model <FILLME> -- os_gamma_phi 0.01 -- os_noise_qubits subset -- os_noise_subset 1 -- logical_basis noise_diag -- os_t_max 5.0 --os_t_steps 25 --output v23_phi010_subset_q1_noise_ diag_runlog.txt */ v23_phi010_subset_q1_noise_ diag_runlog.log</pre>	Low	Noise model not encoded; fill manually ; Assumed gamma_ phi=0.01 (not encoded)
v23_deph_phi010_q0_eigen_p 1200.txt	2026- 01-07 11:42:3 4	<pre>python -X utf8 -u .\v0_7_convergence_families _v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 1200 -- os_noise_model dephasing -- os_gamma_phi 0.01 -- os_noise_qubits all -- logical_basis eigen -- os_t_max 5.0 --os_t_steps 25 --output v23_deph_phi010_q0_eigen_p1 200.txt */ v23_deph_phi010_q0_eigen_p1 200.log</pre>	Low	Assumed gamma_ phi=0.01 (not encoded)
v23_deph_phi010_q0_noise_di ag_p1200.txt	2026- 01-07 11:39:3 0	<pre>python -X utf8 -u .\v0_7_convergence_families _v23.py --n_qubits 4 -- seeds_per_batch 5000 -- batches 3 --open_system -- os_include_baselines -- os_pairs_per_batch 1200 -- os_noise_model dephasing -- os_gamma_phi 0.01 -- os_noise_qubits all -- logical_basis noise_diag -- os_t_max 5.0 --os_t_steps 25 --output v23_deph_phi010_q0_noise_di ag_p1200.txt */ v23_deph_phi010_q0_noise_di</pre>	Low	Assumed gamma_ phi=0.01 (not encoded)

		ag_p1200.log		
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Appendix — Command template (PowerShell)

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python -X utf8 -u .\v0_7_convergence_families_v23_randK_win.py --n_qubits 4 --
seeds_per_batch 5000 --batches 3 --open_system --os_include_baselines --
os_pairs_per_batch 400 --os_noise_model <dephasing|amp_damp|both|depolar> --
os_gamma_phi <...> [--os_gamma_1 <...>] --os_noise_qubits <all|subset> [--
os_noise_subset <i> [<j> ...]] --logical_basis <eigen|noise_diag> --os_t_max 5.0 --
os_t_steps 25 [--os_states_mode rand64] --output <OUT.txt> *> <OUT.log>
```