Deployment Recommendation Analysis for Real-World Applications

Multi-Criteria Decision Matrix

	dual	quad	octal	full
Accuracy	0.48	0.96	0.97	0.81
Training Speed	0.00	0.00	0.00	0.00
Simplicity	0.75	0.50	0.25	0.00
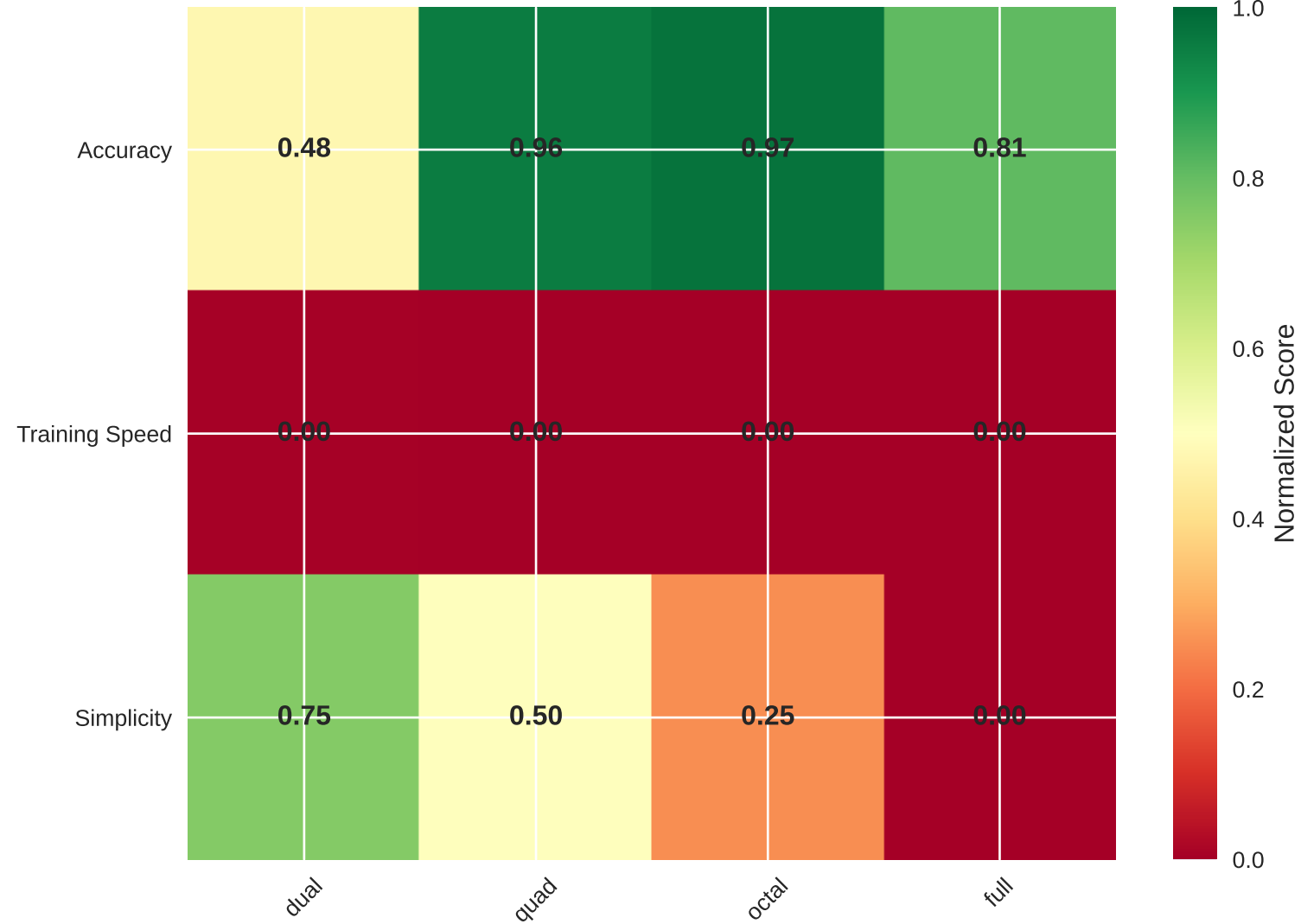
Overall Deployment Recommendation Score

Dataset Configuration	Recommendation Score
dual	0.410
quad	0.487
octal	0.408
full	0.269

Resource-constrained environme...
Standard retail environments, ...
High-accuracy requirements, su...
Research applications, maximum...