

1 数値全然違うやんけ！

表 1: Custom Model における白背景適用前後の精度比較

Epoch	Train (Before)	Val (Before)	Train (After)	Val (After)
1	99.21	99.33	99.06	99.35
2	99.45	99.44	99.52	99.50
3	99.53	99.45	99.58	99.47
4	99.56	99.47	99.61	99.53
5	99.59	99.51	99.63	99.58
6	99.60	99.53	99.63	99.59
7	99.63	99.52	99.65	99.57
8	99.64	99.54	99.66	99.58
9	99.65	99.55	99.65	99.57
10	99.66	99.57	99.68	99.58

表 2: EfficientNet_b0 における白背景適用前後の精度比較

Epoch	Train (Before)	Val (Before)	Train (After)	Val (After)
1	96.81	99.31	95.42	98.99
2	98.99	99.37	98.98	99.13
3	99.31	99.36	99.33	99.34
4	99.36	99.39	99.44	99.45
5	99.44	99.41	99.55	99.45
6	99.48	99.45	99.52	99.47
7	99.51	99.42	99.57	99.21
8	99.55	99.48	99.54	99.52
9	99.56	99.50	99.59	99.52
10	99.59	99.54	99.57	99.54

表 3: ResNet18 における白背景適用前後の精度比較

Epoch	Train (Before)	Val (Before)	Train (After)	Val (After)
1	96.96	99.13	97.75	98.45
2	99.19	99.38	99.24	99.39
3	99.26	99.34	99.32	99.20
4	99.33	99.29	99.41	99.12
5	99.39	99.31	99.50	99.43
6	99.44	99.33	99.50	99.15
7	99.46	99.35	99.54	98.93
8	99.49	99.38	99.53	99.45
9	99.53	99.41	99.57	99.49
10	99.56	99.43	99.59	99.39

表 4: ResNet34 における白背景適用前後の精度比較

Epoch	Train (Before)	Val (Before)	Train (After)	Val (After)
1	96.83	99.11	97.48	98.90
2	99.01	99.26	99.13	99.25
3	99.17	99.30	99.26	99.29
4	99.24	99.32	99.33	99.04
5	99.31	99.34	99.41	99.25
6	99.38	99.35	99.45	99.31
7	99.43	99.36	99.52	99.39
8	99.47	99.39	99.54	99.12
9	99.51	99.41	99.54	99.43
10	99.53	99.42	99.56	99.45

表 5: ResNet50 における白背景適用前後の精度比較

Epoch	Train (Before)	Val (Before)	Train (After)	Val (After)
1	96.48	99.02	95.88	98.81
2	98.94	99.25	98.85	97.76
3	99.14	99.30	99.13	99.31
4	99.26	99.33	99.27	99.45
5	99.35	99.34	99.36	99.39
6	99.39	99.36	99.42	98.50
7	99.41	99.36	99.39	99.39
8	99.45	99.37	99.48	99.35
9	99.49	99.39	99.51	99.38
10	99.52	99.40	99.54	98.94