Multi-Task Consistency for Active Learning
(Supplementary Material)

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1. Exact Values from AL Figures

Due to the limited space in the main paper, we present our AL comparisons as plots. Tab. 1, Tab. 2, Tab. 3, Tab. 4, Tab. 5, Tab. 6 provides the exact metric values for Figures 3a, 3b, 3c, 4a, 4b, 4c from the main paper. The mean and variances of three experiments trained with different random initializations are presented.

	50	60	70	80	90
Random	86.95±0.39	89.34±0.23	92.57±0.30	93.46±0.31	95.84±0.45
CDAL	87.06±0.22	90.26±0.33	93.57±0.31	94.63±0.29	95.79±0.36
EquAL	86.97±0.41	90.35±0.24	93.66±0.47	95.01±0.39	96.73±0.50
Alternation	87.24±0.28	91.74±0.28	94.17±0.27	95.62±0.37	96.81±0.38
CALD	87.12±0.45	91.38±0.38	94.13±0.45	95.35±0.35	96.54±0.21
LL4AL	87.26±0.33	92.06±0.37	94.82±0.40	95.78±0.38	96.83±0.35
Ours	87.97±0.41	92.06±0.45	95.64±0.35	96.85±0.30	97.32±0.23

Table 1: Comparison of mDSQ with SOTA AL methods on nuImages. Exact values and variances from Fig 3a.

	50	60	70	80	90
Random	61.24±0.15	63.15±0.15	65.10±0.22	65.83±0.22	67.43±0.25
CDAL	61.34±0.16	63.85±0.20	65.61±0.11	66.48±0.19	67.28±0.23
EquAL	61.17±0.21	62.73±0.15	65.22±0.23	66.02±0.16	67.93±0.26
Alternation	61.12±0.10	64.27±0.15	66.17±0.18	67.30±0.30	67.96±0.26
CALD	61.25±0.24	64.87±0.26	67.10±0.30	67.73±0.13	68.27±0.11
LL4AL	61.45±0.24	64.61±0.22	66.45±0.12	66.95±0.28	68.07±0.27
Ours	61.44±0.14	64.41±0.21	67.33±0.30	68.06±0.20	68.62±0.10

Table 2: Comparison of mAP with SOTA AL methods on nuImages. Exact values and variances from Fig 3b.

	50	60	70	80	90
Random	41.41±0.22	42.39±0.17	44.15±0.24	44.50±0.17	45.69±0.17
CDAL	41.44±0.19	42.79±0.22	44.76±0.12	45.18±0.15	45.74±0.27
EquAL	41.47±0.24	43.64±0.18	45.11±0.21	45.85±0.11	46.20±0.16
Alternation	41.76±0.28	43.92±0.11	44.95±0.21	45.57±0.29	46.25±0.13
CALD	41.56±0.26	43.17±0.15	44.28±0.27	45.02±0.24	45.79±0.10
LL4AL	41.56±0.20	44.00±0.18	45.38±0.28	45.96±0.10	46.20±0.18
Ours	42.24±0.24	44.13±0.19	45.57±0.18	46.22±0.24	46.29±0.24

Table 3: Comparison of mIOU with SOTA AL methods on nuImages. Exact values and variances from Fig 3c.

	50	60	70	80	90
Random	87.04±0.27	89.56±0.50	92.28±0.29	93.90±0.42	95.45±0.47
CDAL	86.66±0.23	90.08±0.35	94.10±0.40	94.77±0.25	96.00±0.35
EquAL	86.93±0.31	90.56±0.53	94.73±0.32	95.35±0.43	96.93±0.28
LL4AL	87.23±0.25	91.81±0.35	94.67±0.35	95.41±0.44	96.86±0.46
CALD	87.64±0.42	90.90±0.47	93.64±0.45	94.50±0.32	96.68±0.32
Alternation	87.09±0.36	91.86±0.22	94.88±0.48	95.97±0.42	96.47±0.38
Ours	87.43±0.45	92.31±0.22	95.52±0.45	96.55±0.29	97.16±0.38

Table 4: Comparison of mDSQ with SOTA AL methods on A9. Exact values and variances from Fig 4a.

	50	60	70	80	90
Random	59.55±0.22	61.18±0.28	62.68±0.12	63.90±0.27	65.00±0.21
CDAL	59.11±0.10	61.37±0.19	63.69±0.29	64.47±0.12	65.36±0.17
EquAL	58.97±0.21	60.73±0.28	63.70±0.17	63.82±0.29	65.76±0.17
LL4AL	59.43±0.19	62.08±0.11	64.35±0.13	65.16±0.26	65.98±0.18
CALD	59.71±0.15	62.37±0.27	64.15±0.16	64.60±0.19	65.88±0.28
Alternation	59.54±0.21	62.60±0.11	64.80±0.28	65.53±0.28	65.66±0.14
Ours	59.33±0.16	62.73±0.12	64.60±0.30	65.71±0.23	66.25±0.24

Table 5: Comparison of mAP with SOTA AL methods on A9. Exact values and variances from Fig 4b.

	50	60	70	80	90
Random	38.52±0.10	39.69±0.26	41.13±0.18	41.78±0.20	42.44±0.28
CDAL	38.47±0.14	40.03±0.19	42.09±0.17	42.18±0.14	42.69±0.20
EquAL	38.80±0.14	40.88±0.29	42.65±0.17	43.12±0.19	43.26±0.14
LL4AL	38.76±0.10	41.11±0.24	42.17±0.23	42.30±0.22	43.05±0.29
CALD	38.95±0.28	40.11±0.24	41.38±0.30	41.85±0.16	42.96±0.10
Alternation	38.57±0.18	40.81±0.12	42.06±0.24	42.55±0.19	42.91±0.25
Ours	39.01±0.30	41.13±0.12	42.76±0.20	42.95±0.11	43.14±0.18

Table 6: Comparison of mIOU with SOTA AL methods on A9. Exact values and variances from Fig 4c.