

(a) Results on light direction estimation.

Method	BALL	CAT	POT1	BEAR	POT2	BUDDHA	GOBLET	READING	COW	HARVEST	Avg.
LCNet <sub>reg</sub>	4.94	5.82	5.62	7.19	4.82	<b>3.90</b>	12.89	7.90	<b>4.19</b>	9.50	6.68
LCNet	<b>3.27</b>	<b>4.08</b>	<b>5.44</b>	<b>3.47</b>	<b>2.87</b>	4.34	<b>10.36</b>	<b>4.50</b>	4.52	<b>6.32</b>	<b>4.92</b>

(b) Results on light intensity estimation.

Method	BALL	CAT	POT1	BEAR	POT2	BUDDHA	GOBLET	READING	COW	HARVEST	Avg.
LCNet <sub>reg</sub>	<b>0.032</b>	<b>0.051</b>	<b>0.048</b>	0.167	0.074	0.080	0.075	0.141	<b>0.044</b>	0.085	0.080
LCNet	0.039	0.095	0.058	<b>0.061</b>	<b>0.048</b>	<b>0.048</b>	<b>0.067</b>	<b>0.105</b>	0.073	<b>0.082</b>	<b>0.068</b>

(c) Results on normal estimation.

Method	BALL	CAT	POT1	BEAR	POT2	BUDD.	GOBL.	READ.	COW	HARV.	Avg.
AM07 [3]	7.3	31.5	18.4	16.8	49.2	32.8	46.5	53.7	54.7	61.7	37.3
SM10 [4]	8.9	19.8	16.7	12.0	50.7	15.5	48.8	26.9	22.7	73.9	29.6
WT13 [5]	4.4	36.6	9.4	<b>6.4</b>	14.5	13.2	20.6	59.0	19.8	55.5	23.9
LM13 [6]	22.4	25.0	32.8	15.4	20.6	25.8	29.2	48.2	22.5	34.5	27.6
PF14 [7]	4.8	9.5	9.5	9.1	15.9	14.9	29.9	24.2	19.5	29.2	16.7
LC18 [8]	9.3	12.6	12.4	10.9	15.7	19.0	18.3	22.3	15.0	28.0	16.3
UPS-FCN [1]	6.6	14.7	14.0	11.2	14.2	15.9	20.7	23.3	11.9	27.8	16.0
LCNet + L2 [9]	4.90	11.12	9.72	9.35	14.70	14.86	18.29	20.11	25.08	29.17	15.73
LCNet + IS18 [10]	6.37	15.64	10.58	8.48	12.24	13.94	18.54	23.78	29.31	25.69	16.46
SDPS-Net	<b>2.8</b>	<b>8.1</b>	<b>8.1</b>	6.9	<b>7.5</b>	<b>9.00</b>	<b>11.9</b>	<b>14.9</b>	<b>8.5</b>	<b>17.4</b>	<b>9.5</b>