

Supplementary Materials for Evaluating road lighting quality using high-resolution JL1-3B nighttime light remote sensing data: a case study in Nanjing, China

Supplementary Material for the manuscript includes the following:

1. Supplementary figures

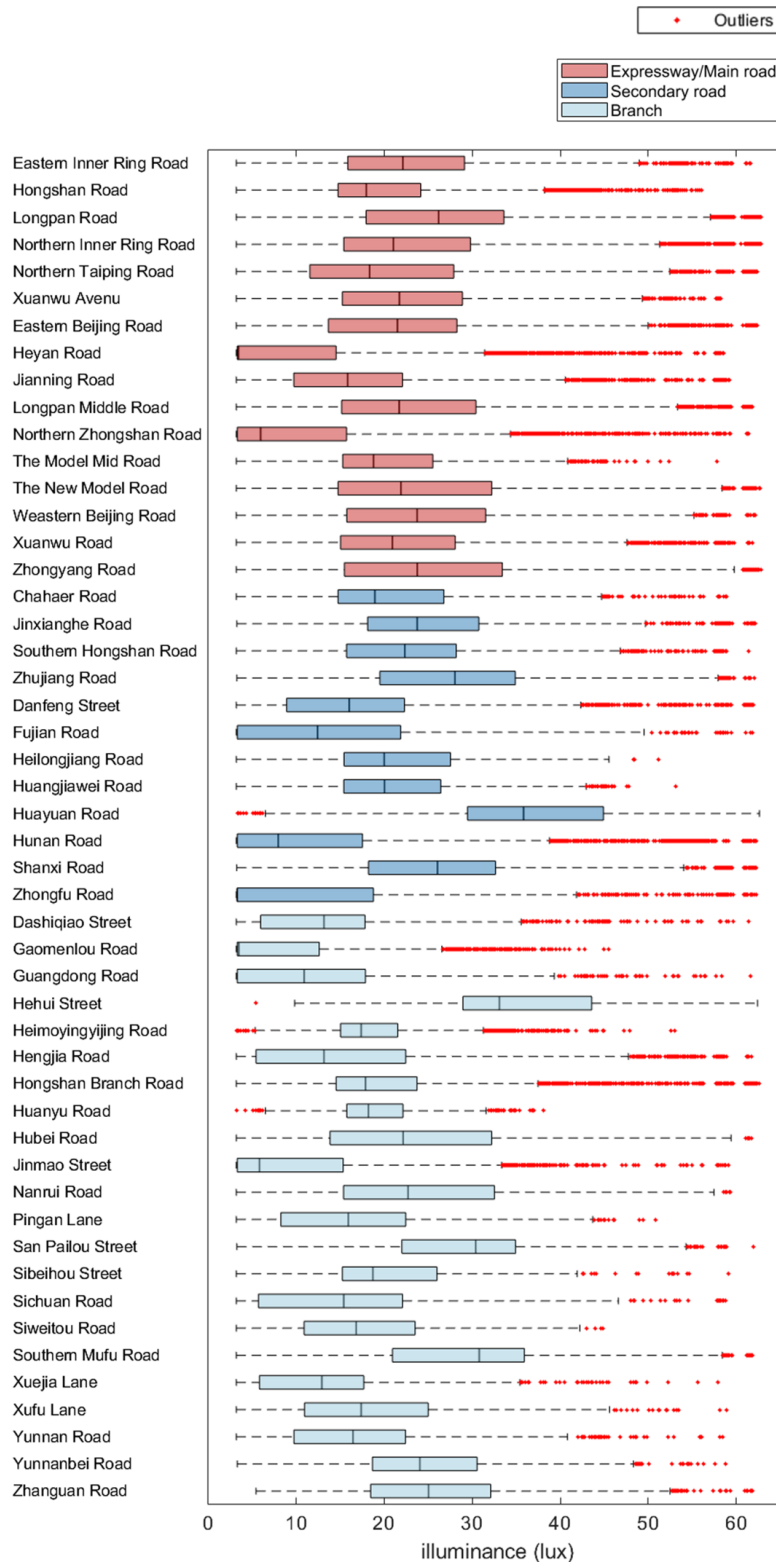


Figure S1. The boxplot of the extracted roads.

2. Supplementary tables

Table S1. Road lighting quality evaluation metrics of the extracted roads.

Road Name	Average illuminance (lux)	Std (lux)	Cv	Grade
Northern Inner Ring Road	22.93	11.52	0.50	Expressway
Northern Taiping Road	19.96	12.00	0.60	Expressway
Longpan Road	27.74	13.44	0.48	Expressway
Hongshan Road	19.27	8.51	0.44	Expressway
Xuanwu Avenue	22.08	9.87	0.45	Expressway
Eastern Inner Ring Road	22.44	9.49	0.42	Expressway
Zhongyang Road	25.41	14.12	0.56	Main road
The New Model Road	23.27	13.01	0.56	Main road
Jianning Road	16.65	9.83	0.59	Main road
Heyan Road	9.90	9.73	0.98	Main road
Longpan Middle Road	22.33	11.54	0.52	Main road
Northern Zhongshan Road	10.98	10.14	0.92	Main road
Eastern Beijing Road	21.89	11.07	0.51	Main road
Weastern Beijing Road	23.84	11.59	0.49	Main road
The Model Mid Road	19.89	8.28	0.42	Main road
Xuanwu Road	21.61	10.05	0.46	Main road
Hunan Road	12.08	10.88	0.90	Secondary road
Fujian Road	14.42	11.21	0.78	Secondary road
Huayuan Road	36.75	12.28	0.33	Secondary road
Zhongfu Road	22.84	13.83	0.61	Secondary road
Danfeng Street	16.90	10.75	0.64	Secondary road
Shanxi Road	26.51	10.68	0.40	Secondary road
Huangjiawei Road	20.66	8.29	0.40	Secondary road
Heilongjiang Road	20.98	8.75	0.42	Secondary road
Southern Hongshan Road	22.31	9.11	0.41	Secondary road
Chahaer Road	20.35	9.56	0.47	Secondary road
Zhujiang Road	28.56	11.95	0.42	Secondary road
Jinxianghe Road	25.77	10.54	0.41	Secondary road
Hubei Road	23.03	12.79	0.56	Branch
Guangdong Road	12.41	9.68	0.78	Branch
Pingan Lane	16.48	9.80	0.59	Branch
Hengjia Road	15.61	11.75	0.75	Branch
Dashiqiao Street	14.43	9.99	0.69	Branch
Nanrui Road	23.63	11.70	0.50	Branch
Southern Mufu Road	29.02	11.02	0.38	Branch
San Pailou Street	29.54	9.59	0.32	Branch
Yunnan Road	16.69	9.53	0.57	Branch
Sichuan Road	15.74	10.20	0.65	Branch
Jinmao Street	10.01	8.59	0.86	Branch
Xufu Lane	18.00	9.94	0.55	Branch
Xuejia Lane	13.58	8.50	0.63	Branch
Zhanguan Road	26.20	9.44	0.36	Branch
Siweitou Road	17.06	8.99	0.53	Branch
Gaomenlou Road	8.58	7.68	0.89	Branch
Hongshan Branch Road	19.67	9.60	0.49	Branch
Hehui Street	36.13	12.23	0.34	Branch
Sibei Hou Street	20.43	8.80	0.43	Branch

Yunnanbei Road	24.67	7.96	0.32	Branch
Huanyu Road	18.98	5.30	0.28	Branch
Heimoyingyijing Road	18.17	6.07	0.33	Branch
