

**(a) Scene 1**

$R^2$	0.965	0.979	0.976	0.963	0.987
nRD (%)	6.251	5.303	4.586	5.771	3.795
IQR (%)	5.472	4.302	5.487	7.256	3.334
p50 (%)	3.622	3.197	2.345	3.645	1.988

 $N_D$  comparison

$R^2$	0.982	0.991	0.997	0.996	0.997
nRD (%)	5.520	4.032	2.080	2.675	2.820
IQR (%)	6.857	4.982	2.822	3.821	2.194
p50 (%)	3.476	2.637	1.122	1.902	1.783

3km Base 1 2 3

 $W_L$  comparison**(b) Scene 2**

$R^2$	0.906	0.947	0.839	0.862	0.958
nRD (%)	13.513	11.152	17.057	15.940	9.163
IQR (%)	13.154	10.200	17.173	18.448	7.959
p50 (%)	7.573	6.452	8.815	9.272	4.866

 $N_D$  comparison

$R^2$	0.942	0.975	0.992	0.987	0.996
nRD (%)	15.234	10.900	5.705	7.591	4.857
IQR (%)	18.352	12.471	7.212	9.029	4.212
p50 (%)	9.140	6.126	3.629	4.525	2.853

3km Base 1 2 3

 $W_L$  comparison**(c) Scene 3**

$R^2$	0.831	0.872	0.694	0.902	0.850
nRD (%)	30.243	26.133	40.849	22.904	29.200
IQR (%)	21.421	16.818	15.700	12.655	10.674
p50 (%)	11.334	9.191	8.282	6.500	5.267

 $N_D$  comparison

$R^2$	0.927	0.961	0.967	0.980	0.989
nRD (%)	27.466	20.366	18.697	14.923	11.502
IQR (%)	16.521	11.915	9.722	7.277	6.702
p50 (%)	7.904	5.840	4.819	3.488	3.191

3km Base 1 2 3

 $W_L$  comparison**(d) Scene 4**

$R^2$	0.499	0.602	0.587	0.460	0.760
nRD (%)	53.734	48.957	48.876	93.066	38.503
IQR (%)	50.451	44.078	37.012	46.269	33.944
p50 (%)	23.751	21.000	18.613	22.786	16.540

 $N_D$  comparison

$R^2$	0.700	0.788	0.910	0.606	0.923
nRD (%)	68.315	58.712	39.002	77.883	34.641
IQR (%)	99.793	85.649	50.815	100.18	54.684
p50 (%)	39.130	33.631	25.113	39.488	23.288

3km Base 1 2 3

 $W_L$  comparison