

Appendix I Graphs and Tables of Mobile vs Height Data by Street

This Appendix details the results of the orthogonal regression analyses between pollutant concentrations at 0.80 m (LOW) and 1.68 m (HIGH) filtered by the following streets.

- Hope Street
- Sauchiehall Street/Buchanan Street
- High Street

The results for the following pollutants are provided:

- Nitrogen dioxide (NO₂)
- Nitric oxide (NO)
- Sulphur dioxide (SO₂)
- Particulate matter with a mean aerodynamic diameter of 0.5 µm (PM_{0.5})
- Particulate matter with a mean aerodynamic diameter of 1.0 µm (PM_{1.0})
- Particulate matter with a mean aerodynamic diameter of 5.0 µm (PM_{5.0})
- Particulate matter with a mean aerodynamic diameter of 10 µm (PM₁₀)
- Total particulate matter (TPM)
- Black carbon (BC)
- Ultrafine particles between 10 nm and 300 nm in diameter (UFP)

Regression plots together with the following results and units are reported for each street with and without outliers:

- Number of measurement pairs (n_{bs}).
- Mean absolute error (MAE) - $\mu\text{g m}^{-3}$ for all pollutants excluding UFP (N Particles cm^{-3}).
- Coefficient of Determination (r^2).
- Slope (d).
- Uncertainty in slope (u_d).
- Intercept (c) - $\mu\text{g m}^{-3}$ for all pollutants excluding UFP (N Particles cm^{-3}).
- Uncertainty in intercept (u_c) - $\mu\text{g m}^{-3}$ for all pollutants excluding UFP (N Particles cm^{-3}).

Both results using data from each street in addition to using all data are provided.

Figure I1 NO₂ vs Height Regression by Street ($\mu\text{g m}^{-3}$)

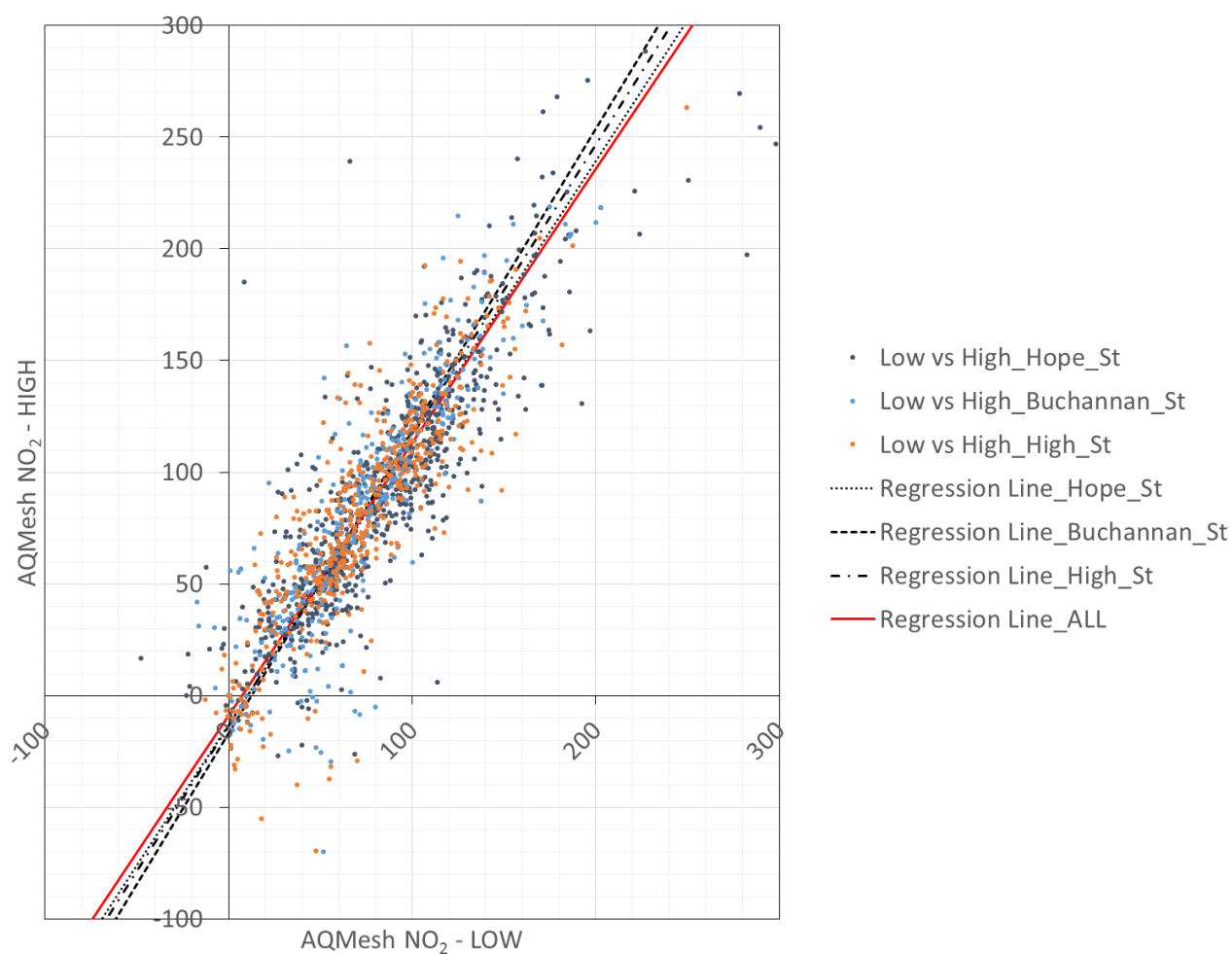


Table I1 NO₂ vs Height Regression by Street Results

Dataset	1 minute		Orthogonal Regression		
	n_{bs}	MAE	r^2	Slope (d) $\pm u_d$	Intercept (c) $\pm u_c$
Hope Street	774	20.94	0.691	1.261 \pm 0.024	-12.877 \pm 2.337
Buchanan Street	371	19.04	0.772	1.353 \pm 0.032	-16.709 \pm 2.724
High Street	477	18.80	0.741	1.301 \pm 0.029	-13.450 \pm 2.406
All Data	3727	20.12	0.730	1.266 \pm 0.010	-12.586 \pm 0.958

Figure I2 NO₂ vs Height Regression by Street – Grubbs (μg m⁻³)

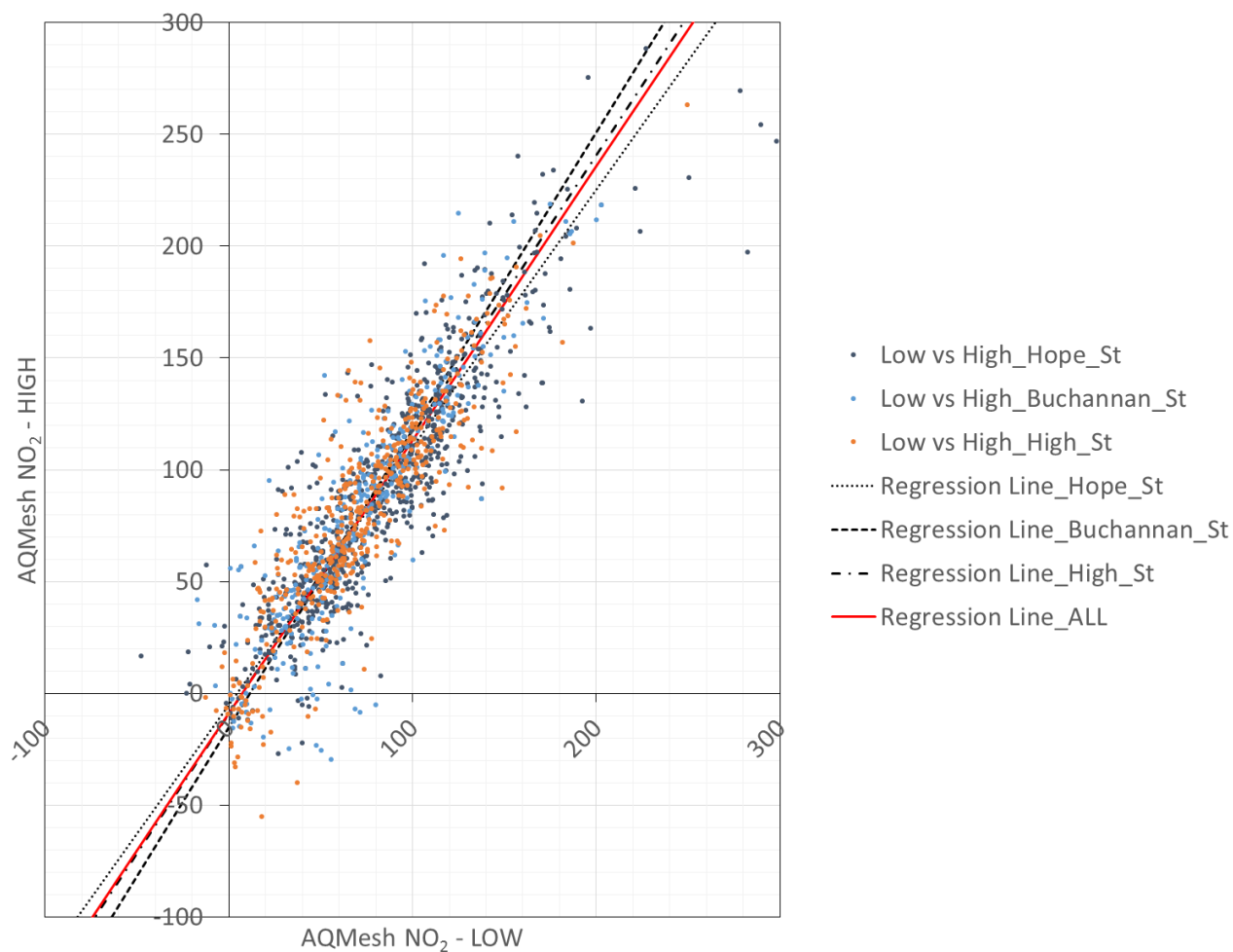


Table I2 NO₂ vs Height Regression by Street Results - Grubbs

Dataset	1 minute		Orthogonal Regression			No of Data Pairs Rejected
	n_{bs}	MAE	r^2	Slope (b) ± u_b	Intercept (a) ± u_a	
Hope Street	764	18.17	0.793	1.152 ± 0.019	-5.085 ± 1.790	10 (1.3%)
Buchanan Street	368	18.34	0.786	1.331 ± 0.031	-15.064 ± 2.621	3 (0.8%)
High Street	471	17.51	0.770	1.249 ± 0.027	-8.973 ± 2.215	6 (1.3%)
All Data	3705	19.01	0.764	1.224 ± 0.010	-9.155 ± 0.873	22 (0.1%)

Figure I3 NO vs Height Regression by Street ($\mu\text{g m}^{-3}$)

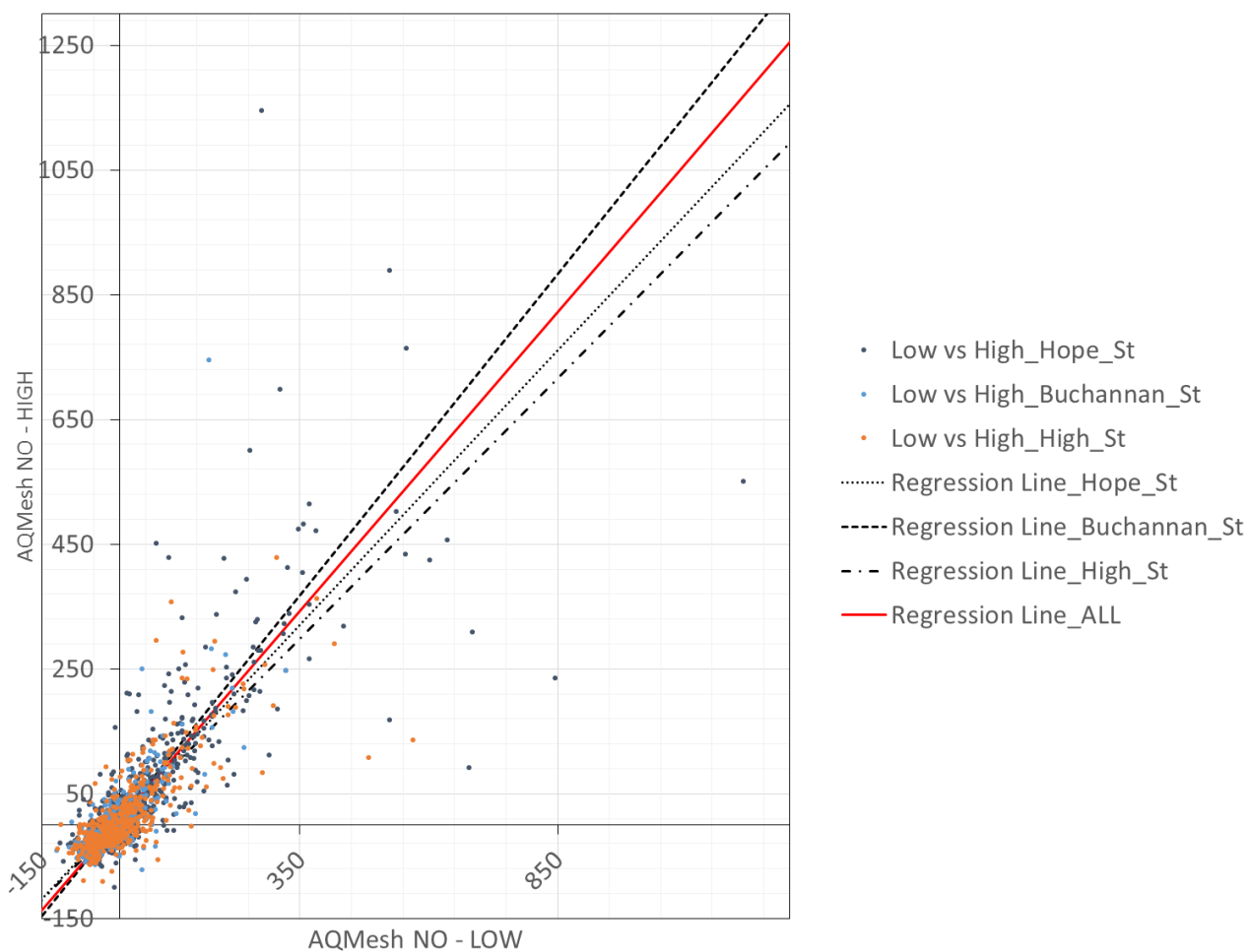


Table I3 NO vs Height Regression by Street Results

Dataset	1 minute		Orthogonal Regression		
	n_{bs}	MAE	r^2	Slope (b) $\pm u_b$	Intercept (a) $\pm u_a$
Hope Street	773	37.06	0.572	0.878 \pm 0.021	14.458 \pm 2.898
Buchanan Street	370	26.49	0.796	1.027 \pm 0.024	9.557 \pm 2.315
High Street	476	27.63	0.589	0.835 \pm 0.026	6.780 \pm 1.986
All Data	3727	33.28	0.598	0.905 \pm 0.010	9.480 \pm 1.029

Figure I4 NO vs Height Regression by Street – Grubbs ($\mu\text{g m}^{-3}$)

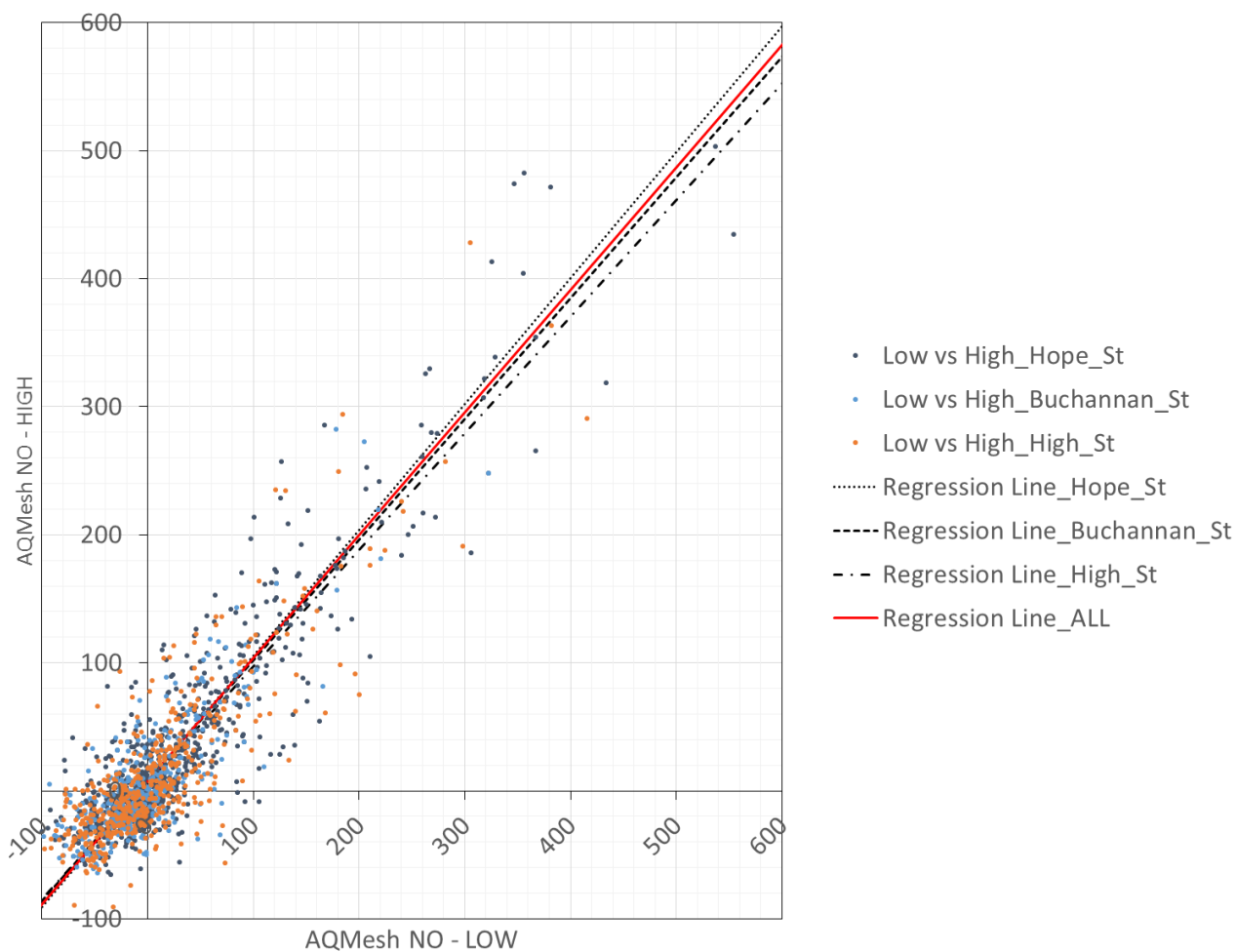


Table I4 NO vs Height Regression by Street Results - Grubbs

Dataset	1 minute		Orthogonal Regression			No of Data Pairs Rejected
	n_{bs}	MAE	r^2	Slope (b) $\pm u_b$	Intercept (a) $\pm u_a$	
Hope Street	740	25.78	0.815	0.982 \pm 0.016	7.327 \pm 1.332	33 (4.3%)
Buchanan Street	364	21.88	0.899	0.941 \pm 0.016	8.456 \pm 1.504	6 (1.6%)
High Street	469	25.41	0.705	0.909 \pm 0.023	6.759 \pm 1.578	7 (1.5%)
All Data	3629	27.15	0.781	0.959 \pm 0.007	7.534 \pm 0.619	98 (2.6%)

Figure 15 SO₂ vs Height Regression by Street (µg m⁻³)

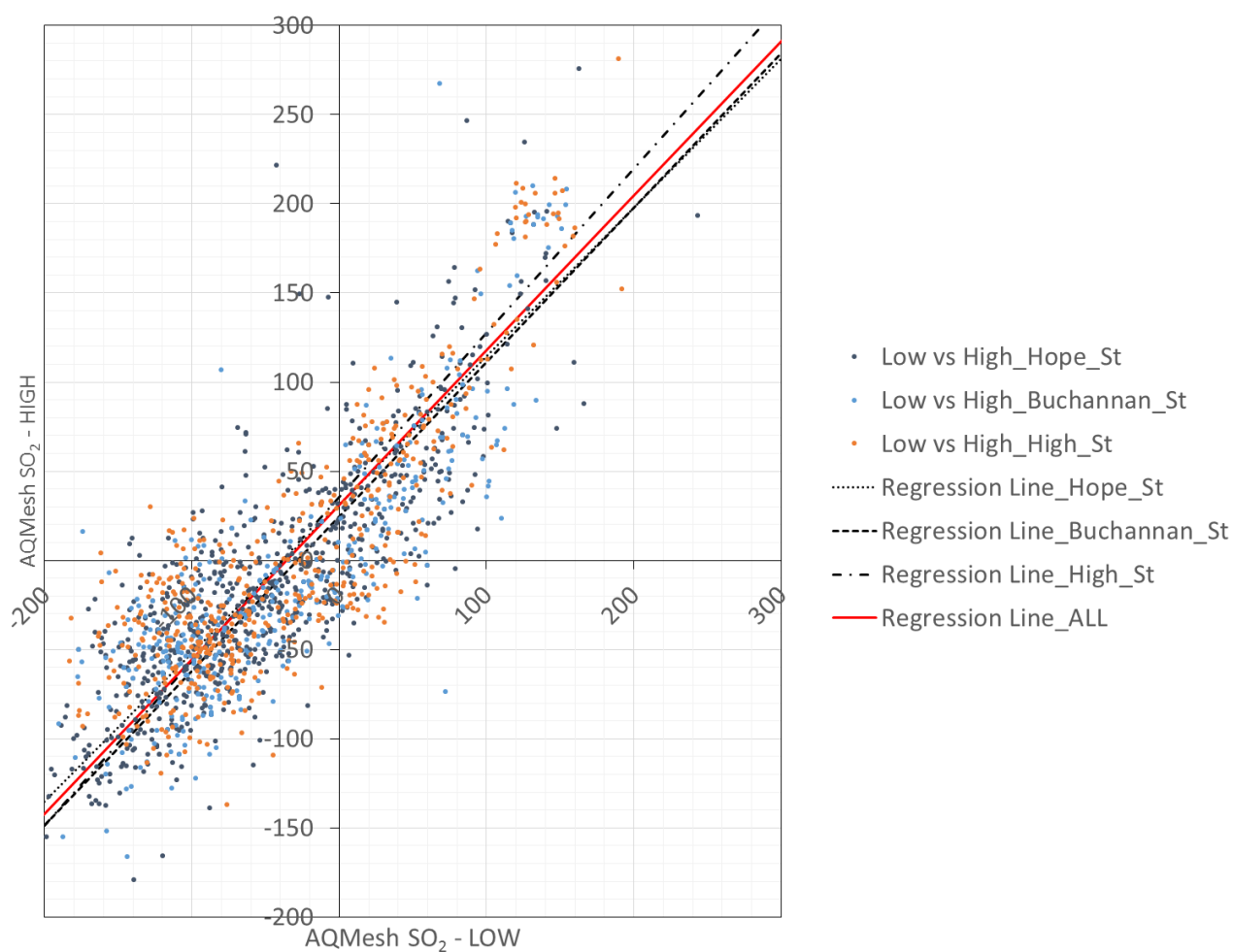


Table 15 SO₂ vs Height Regression by Street Results

Dataset	1 minute		Orthogonal Regression		
	<i>n_{bs}</i>	MAE	<i>r</i> ²	Slope (<i>b</i>) ± <i>u_b</i>	Intercept (<i>a</i>) ± <i>u_a</i>
Hope Street	773	32.52	0.627	0.833 ± 0.019	31.438 ± 1.977
Buchanan Street	370	31.83	0.736	0.866 ± 0.024	24.526 ± 2.235
High Street	476	33.62	0.744	0.922 ± 0.022	35.471 ± 2.002
All Data	3727	31.91	0.694	0.853 ± 0.008	31.495 ± 0.803

Figure 16 SO₂ vs Height Regression by Street – Grubbs (µg m⁻³)

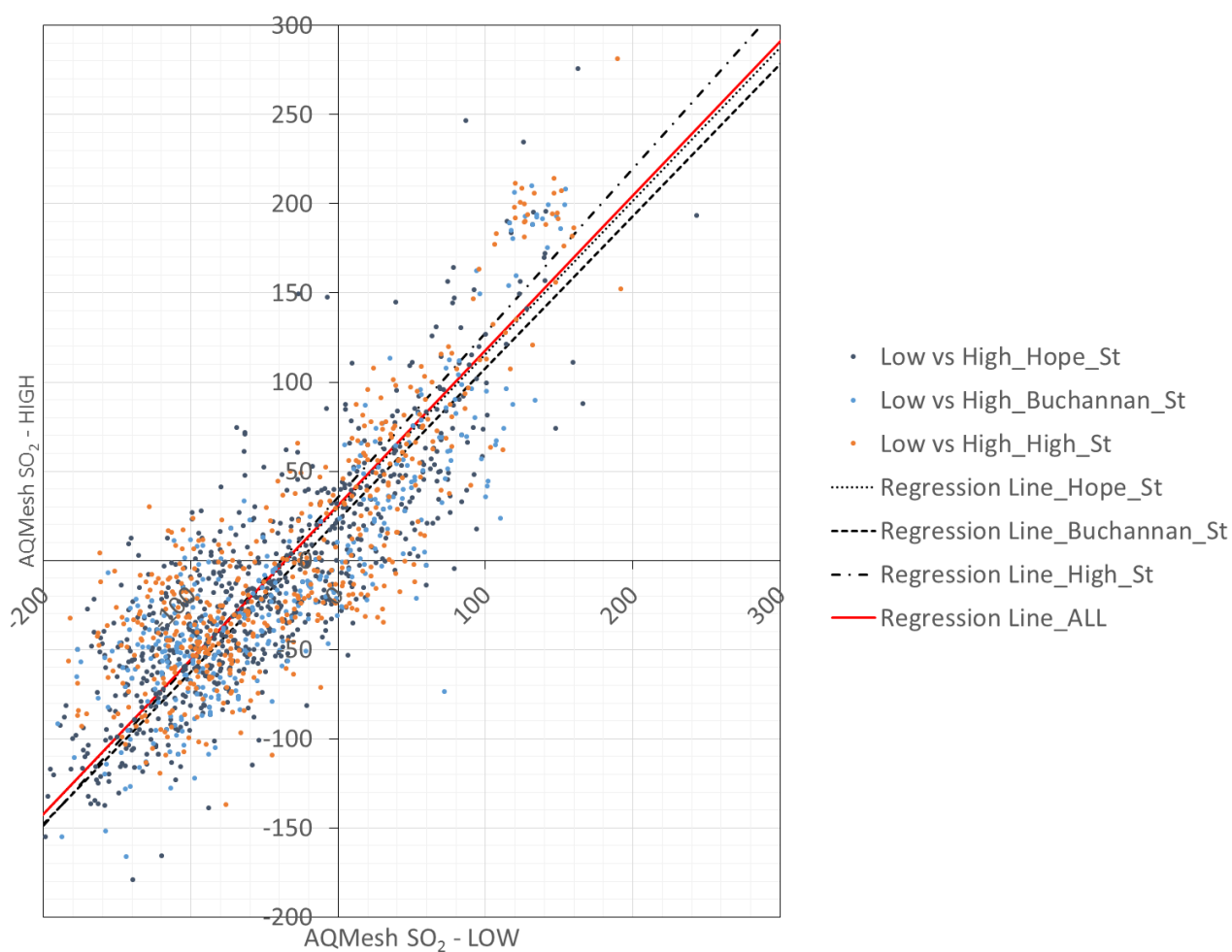


Table 16 SO₂ vs Height Regression by Street Results - Grubbs

Dataset	1 minute		Orthogonal Regression			No of Data Pairs Rejected
	n_{bs}	MAE	r^2	Slope (b) ± u_b	Intercept (a) ± u_a	
Hope Street	764	29.90	0.736	0.860 ± 0.016	29.747 ± 1.590	9 (1.2%)
Buchanan Street	367	30.47	0.762	0.852 ± 0.022	22.671 ± 2.091	3 (0.8%)
High Street	476	33.62	0.744	0.922 ± 0.022	35.471 ± 2.002	0 (0.0%)
All Data	3713	31.08	0.734	0.866 ± 0.007	31.274 ± 0.735	14 (0.4%)

Figure 17 CO vs Height Regression by Street ($\mu\text{g m}^{-3}$)

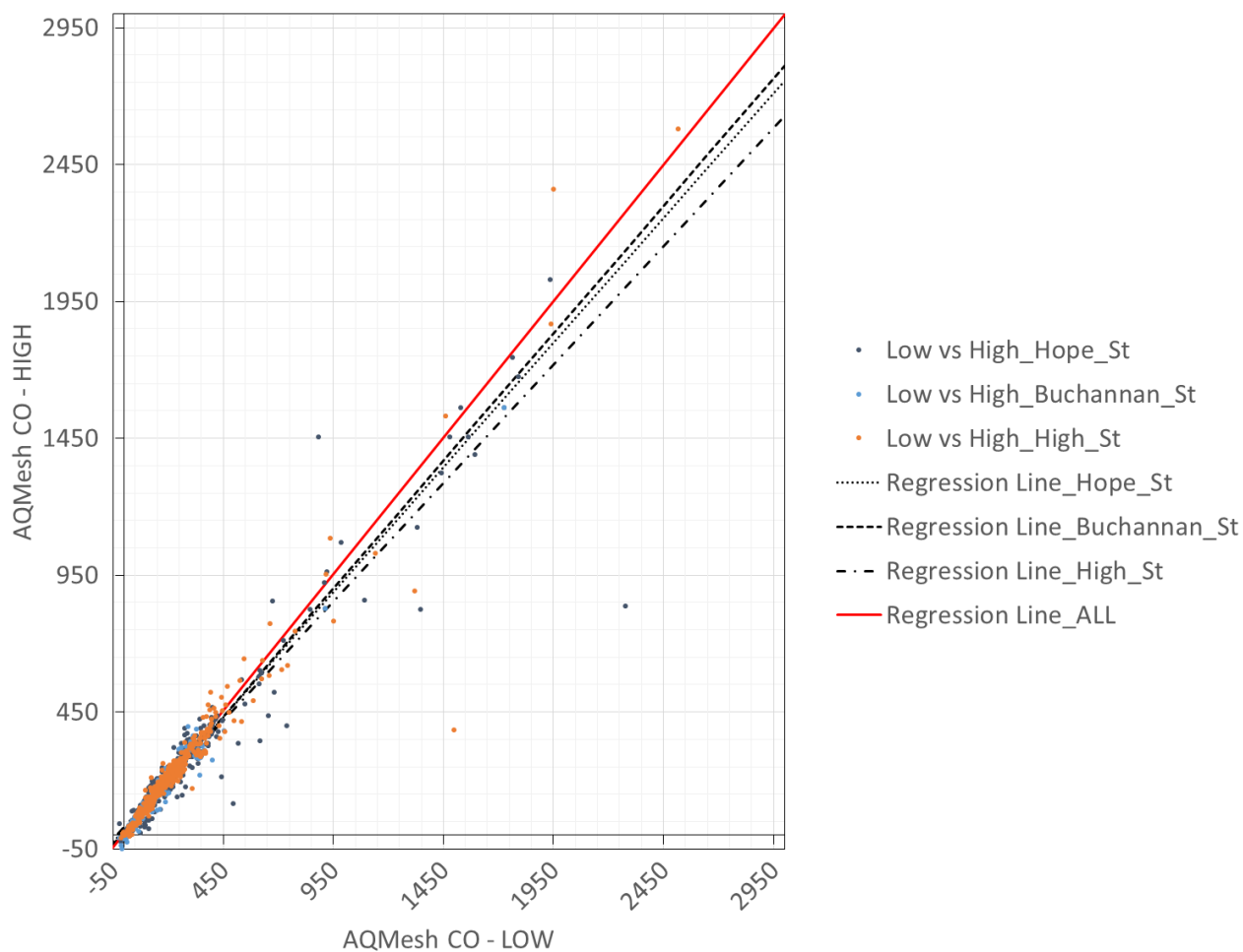


Table 17 CO vs Height Regression by Street Results

Dataset	1 minute		Orthogonal Regression		
	n_{bs}	MAE	r^2	Slope (b) $\pm u_b$	Intercept (a) $\pm u_a$
Hope Street	773	24.23	0.914	0.911 \pm 0.010	20.540 \pm 3.152
Buchanan Street	370	16.35	0.957	0.932 \pm 0.010	14.806 \pm 2.141
High Street	476	31.76	0.846	0.866 \pm 0.016	31.107 \pm 6.458
All Data	3726	21.31	0.916	0.938 \pm 0.004	16.955 \pm 1.373

Figure I8 CO vs Height Regression by Street – Grubbs ($\mu\text{g m}^{-3}$)

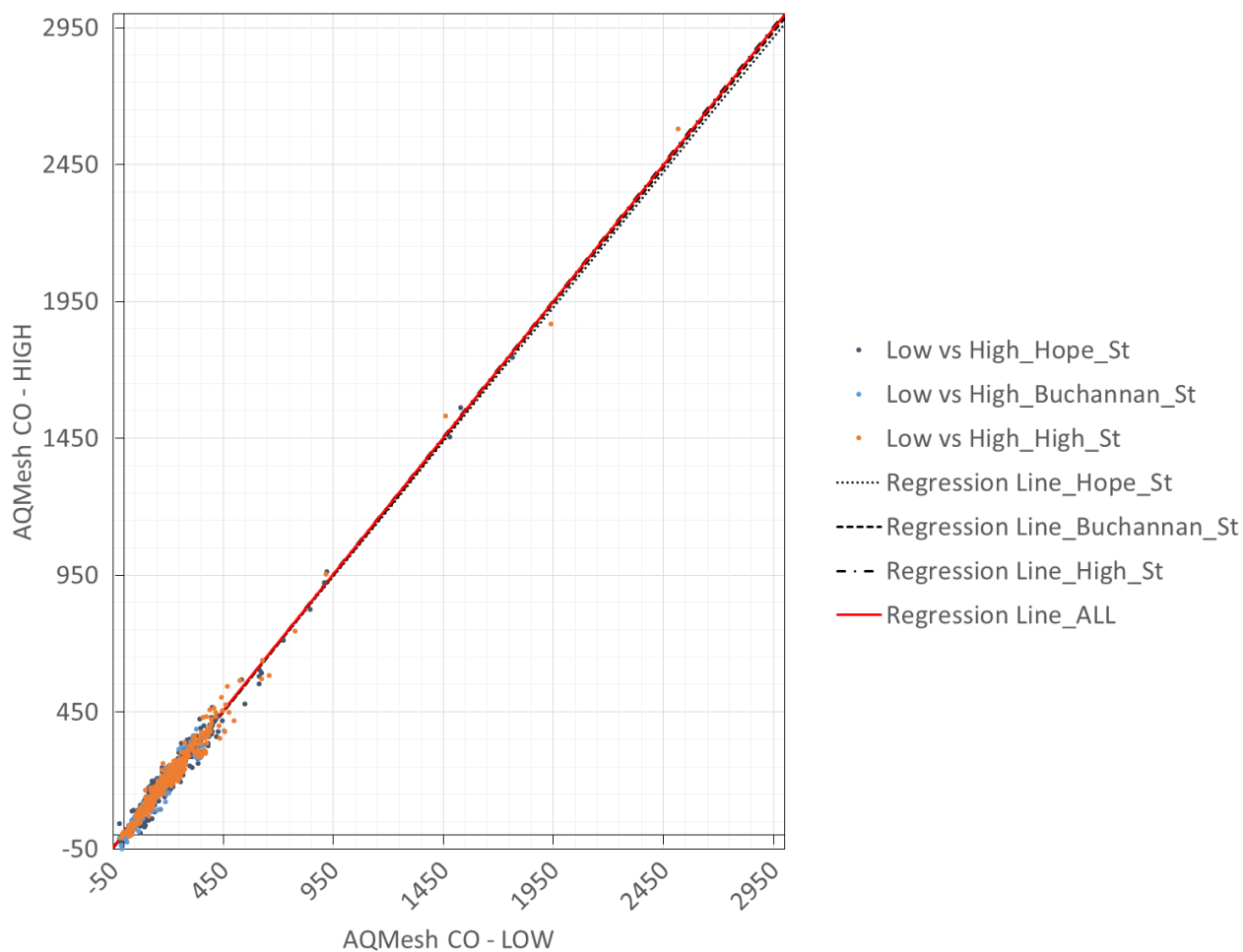


Table I8 CO vs Height Regression by Street Results - Grubbs

Dataset	1 minute		Orthogonal Regression			No of Data Pairs Rejected
	n_{bs}	MAE	r^2	Slope (b) $\pm u_b$	Intercept (a) $\pm u_a$	
Hope Street	743	15.35	0.984	0.985 \pm 0.005	9.249 \pm 1.183	30 (3.9%)
Buchanan Street	365	14.80	0.929	0.994 \pm 0.014	5.078 \pm 2.561	5 (1.4%)
High Street	457	17.33	0.982	0.999 \pm 0.006	5.304 \pm 1.793	19 (4.0%)
All Data	3610	15.01	0.976	0.997 \pm 0.003	6.971 \pm 0.613	116 (3.1%)

Figure I9 PM_{0.5} vs Height Regression by Street ($\mu\text{g m}^{-3}$)

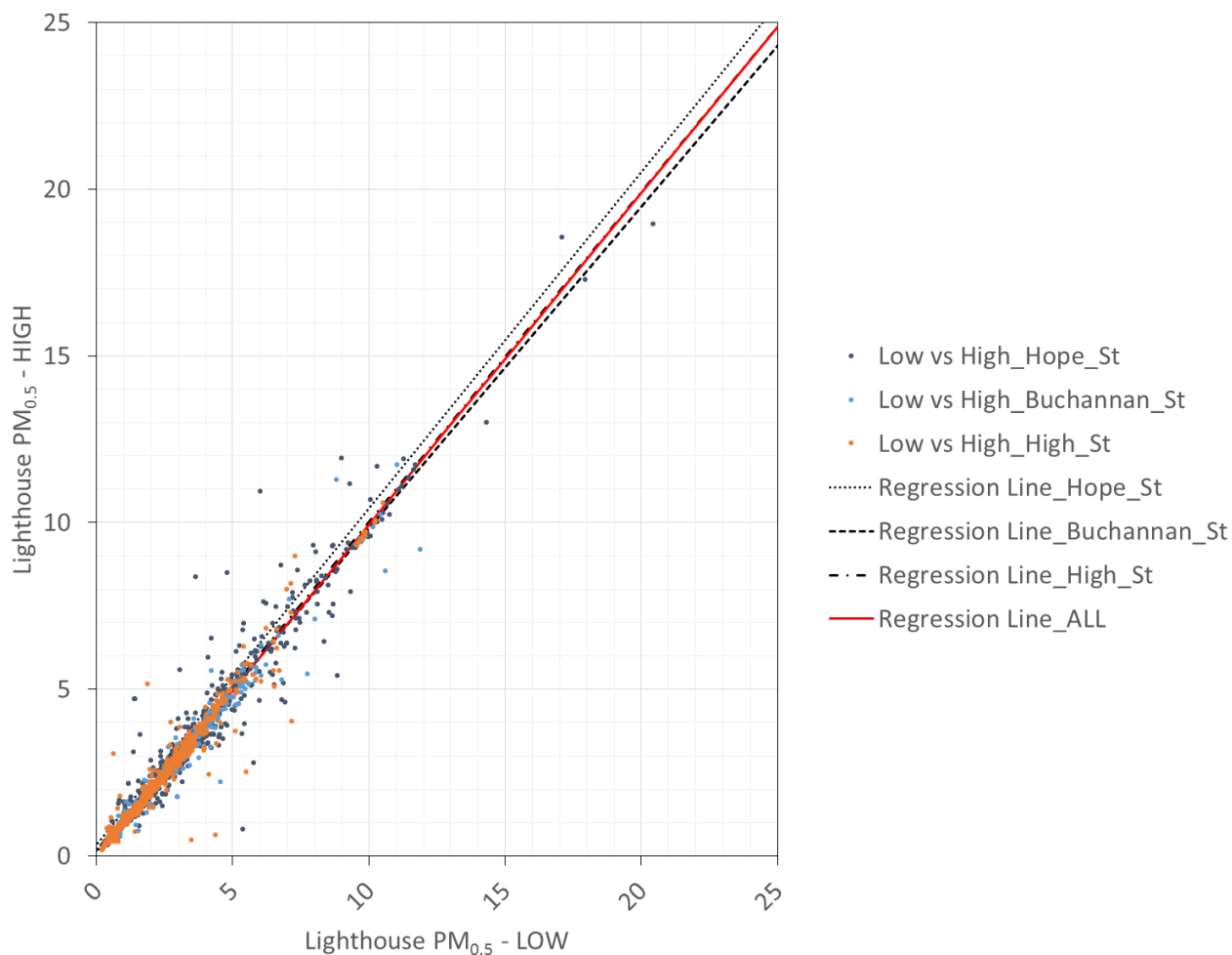


Table I9 PM_{0.5} vs Height Regression by Street Results

Dataset	1 minute		Orthogonal Regression		
	n_{bs}	MAE	r^2	Slope (d) $\pm u_d$	Intercept (c) $\pm u_c$
Hope Street	874	0.28	0.942	1.009 \pm 0.008	-0.028 \pm 0.033
Buchanan Street	413	0.16	0.969	0.964 \pm 0.008	0.043 \pm 0.028
High Street	545	0.17	0.946	0.990 \pm 0.010	-0.002 \pm 0.030
All Data	4300	0.23	0.955	0.997 \pm 0.003	-0.009 \pm 0.013

Figure I10 $PM_{0.5}$ vs Height Regression by Street – Grubbs ($\mu g m^{-3}$)

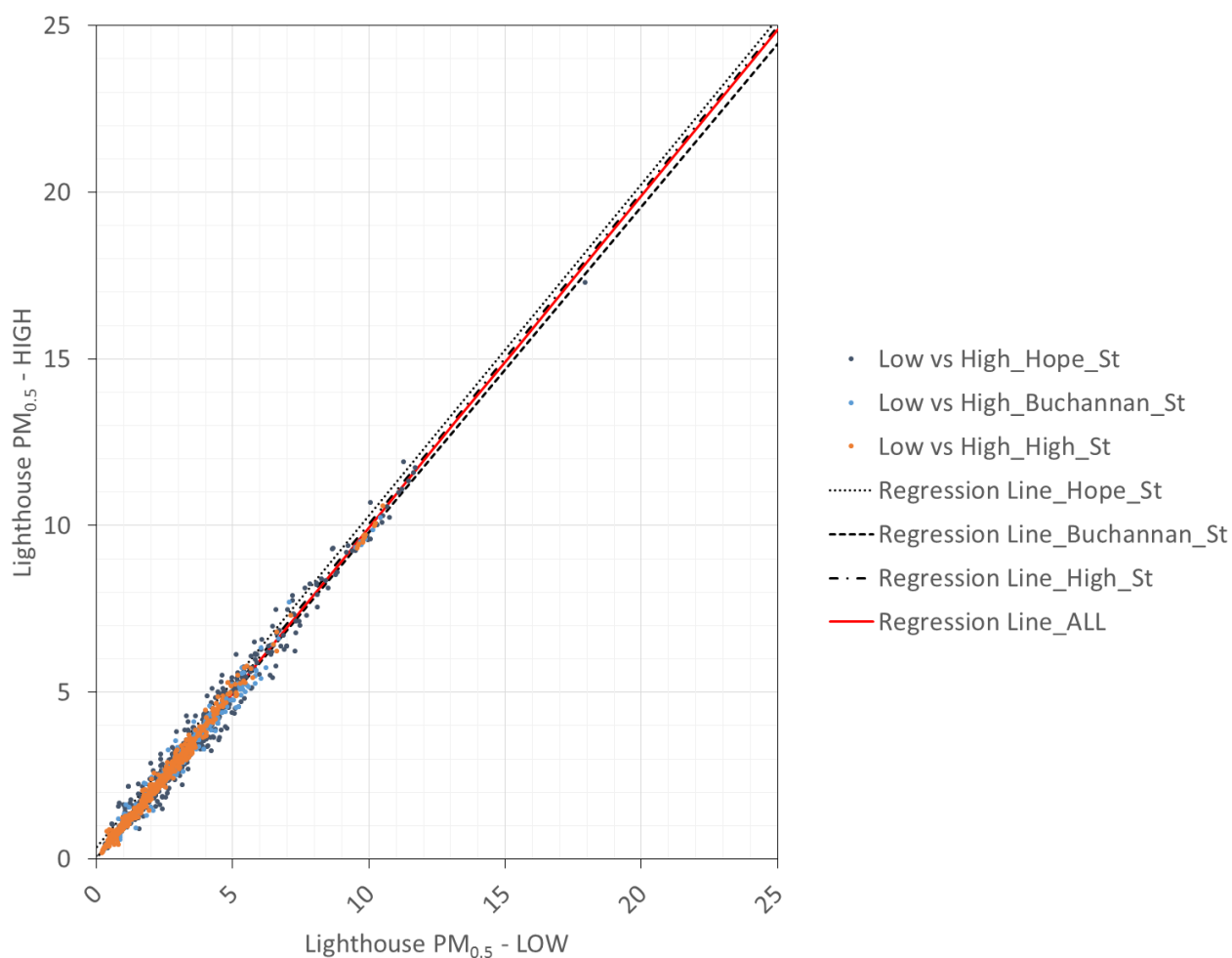


Table I10 $PM_{0.5}$ vs Height Regression by Street Results - Grubbs

Dataset	1 minute		Orthogonal Regression			No of Data Pairs Rejected
	n_{bs}	MAE	r^2	Slope (d) $\pm u_d$	Intercept (c) $\pm u_c$	
Hope Street	830	0.18	0.983	0.994 \pm 0.005	0.001 \pm 0.017	44 (5%)
Buchanan Street	399	0.12	0.990	0.977 \pm 0.005	0.033 \pm 0.016	14 (3.4%)
High Street	512	0.10	0.993	0.994 \pm 0.004	0.004 \pm 0.011	33 (6.1%)
All Data	4101	0.14	0.991	0.995 \pm 0.002	-0.005 \pm 0.006	199 (4.6%)

Figure I11 PM_{1.0} vs Height Regression by Street ($\mu\text{g m}^{-3}$)

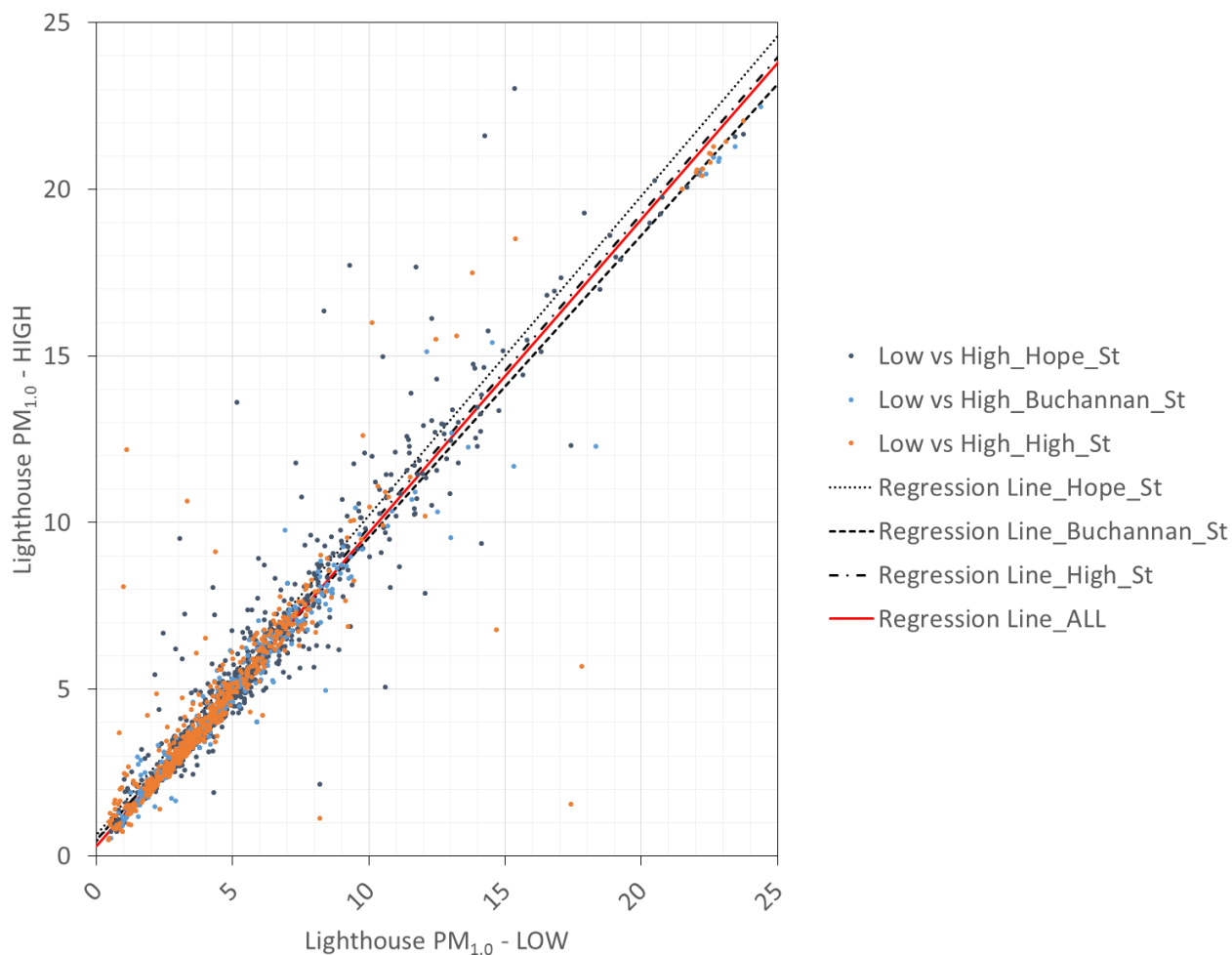


Table I11 PM_{1.0} vs Height Regression by Street Results

Dataset	1 minute		Orthogonal Regression		
	n_{bs}	MAE	r^2	Slope (d) $\pm u_d$	Intercept (c) $\pm u_c$
Hope Street	874	0.56	0.937	0.957 \pm 0.008	0.288 \pm 0.061
Buchanan Street	413	0.30	0.971	0.907 \pm 0.008	0.380 \pm 0.047
High Street	545	0.48	0.854	0.940 \pm 0.016	0.342 \pm 0.091
All Data	4300	0.50	0.948	0.947 \pm 0.003	0.294 \pm 0.026

Figure I12 PM_{1.0} vs Height Regression by Street – Grubbs ($\mu\text{g m}^{-3}$)

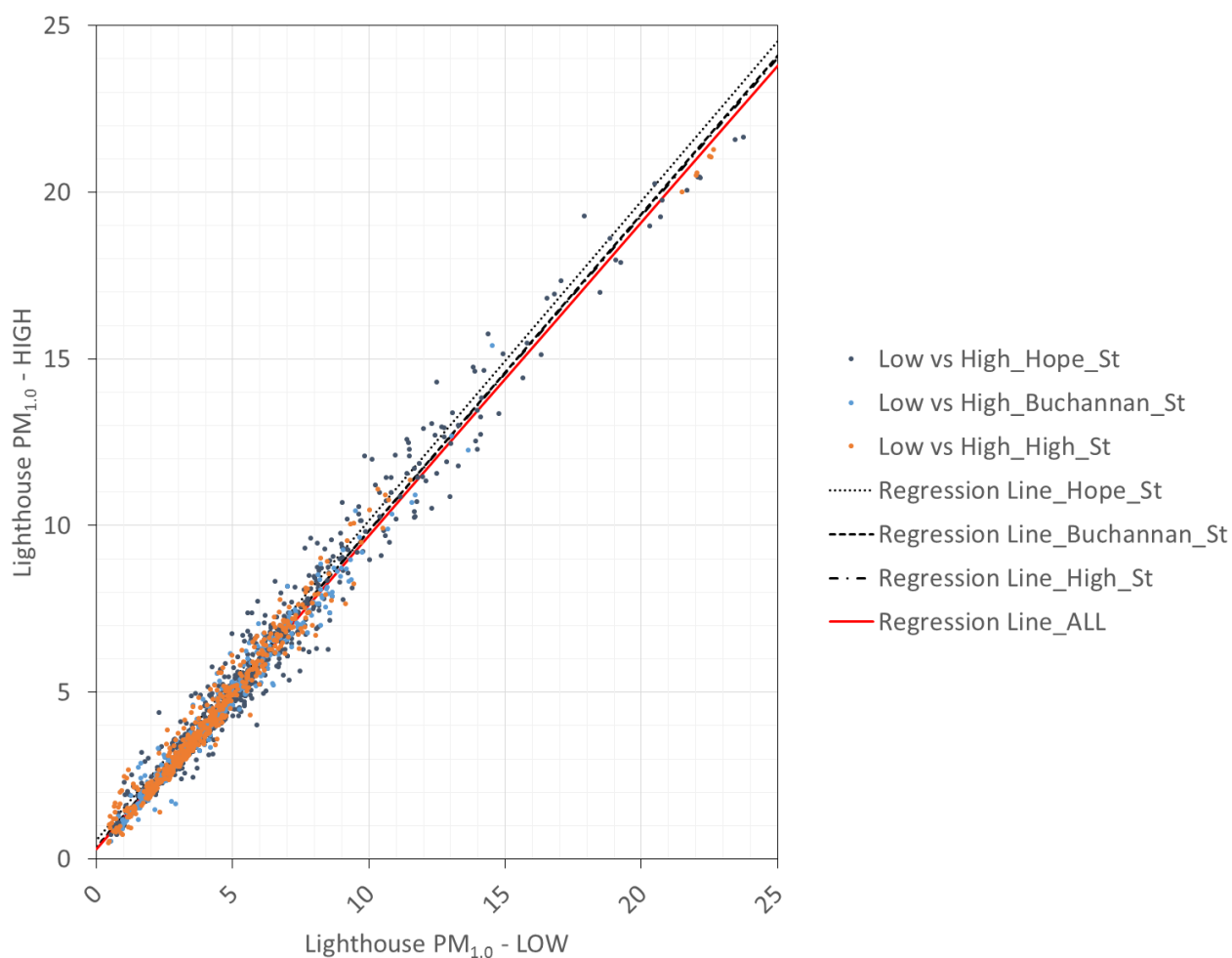


Table I12 PM_{1.0} vs Height Regression by Street Results - Grubbs

Dataset	1 minute		Orthogonal Regression			No of Data Pairs Rejected
	n_{bs}	MAE	r^2	Slope (d) $\pm u_d$	Intercept (c) $\pm u_c$	
Hope Street	836	0.38	0.980	0.957 \pm 0.005	0.225 \pm 0.033	38 (4.3%)
Buchanan Street	396	0.24	0.974	0.949 \pm 0.008	0.219 \pm 0.039	17 (4.1%)
High Street	517	0.27	0.980	0.946 \pm 0.006	0.283 \pm 0.031	28 (5.1%)
All Data	4162	0.34	0.987	0.941 \pm 0.002	0.291 \pm 0.012	138 (3.2%)

Figure I13 PM_{2.5} vs Height Regression by Street ($\mu\text{g m}^{-3}$)

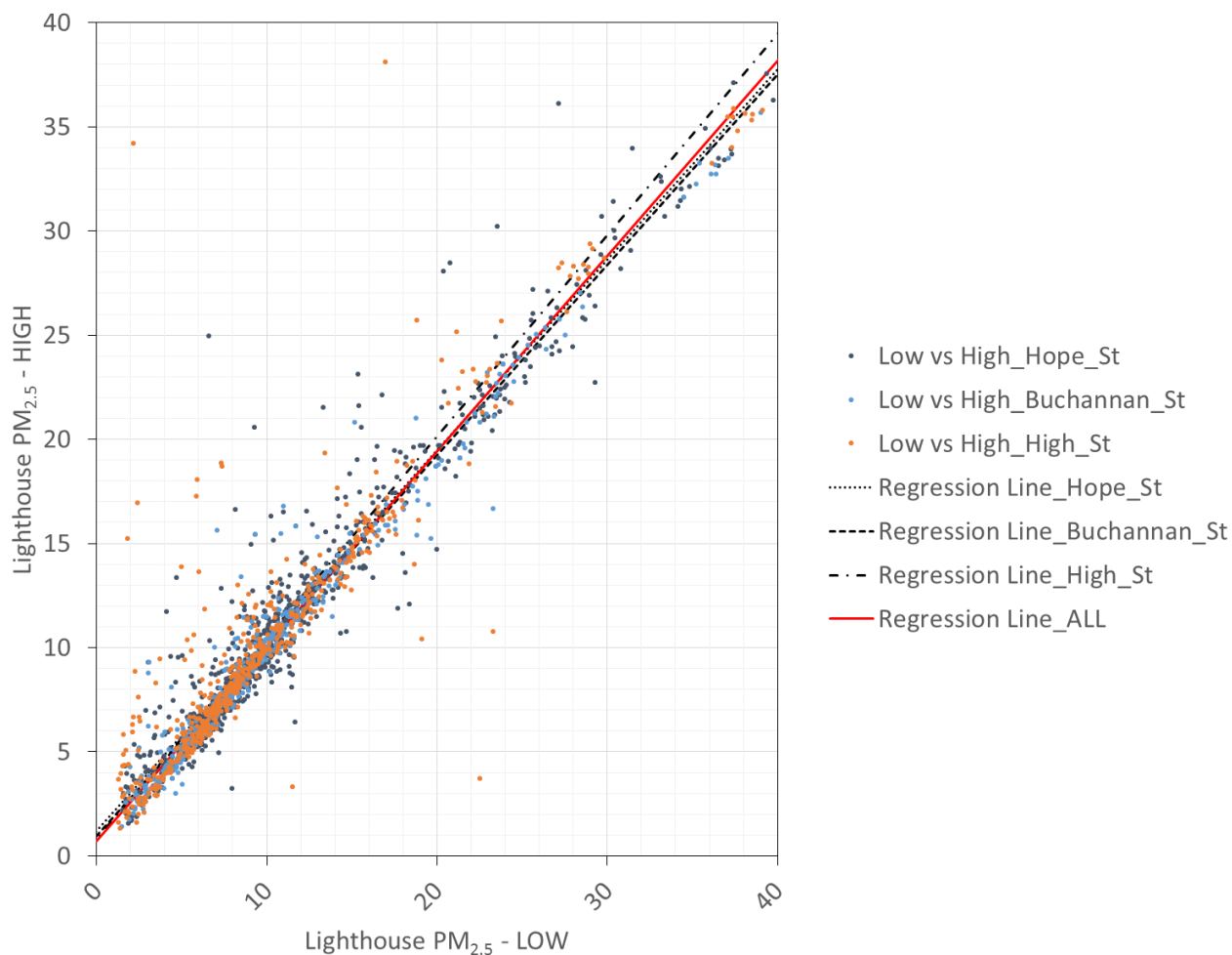


Table I13 PM_{2.5} vs Height Regression by Street Results

Dataset	1 minute		Orthogonal Regression		
	n_{bs}	MAE	r^2	Slope (d) $\pm u_d$	Intercept (c) $\pm u_c$
Hope Street	874	1.10	0.942	0.913 \pm 0.007	1.085 \pm 0.107
Buchanan Street	413	0.71	0.962	0.914 \pm 0.009	0.870 \pm 0.106
High Street	545	1.27	0.839	0.966 \pm 0.017	0.789 \pm 0.200
All Data	4300	1.11	0.915	0.951 \pm 0.004	0.716 \pm 0.059

Figure I14 PM_{2.5} vs Height Regression by Street – Grubbs ($\mu\text{g m}^{-3}$)

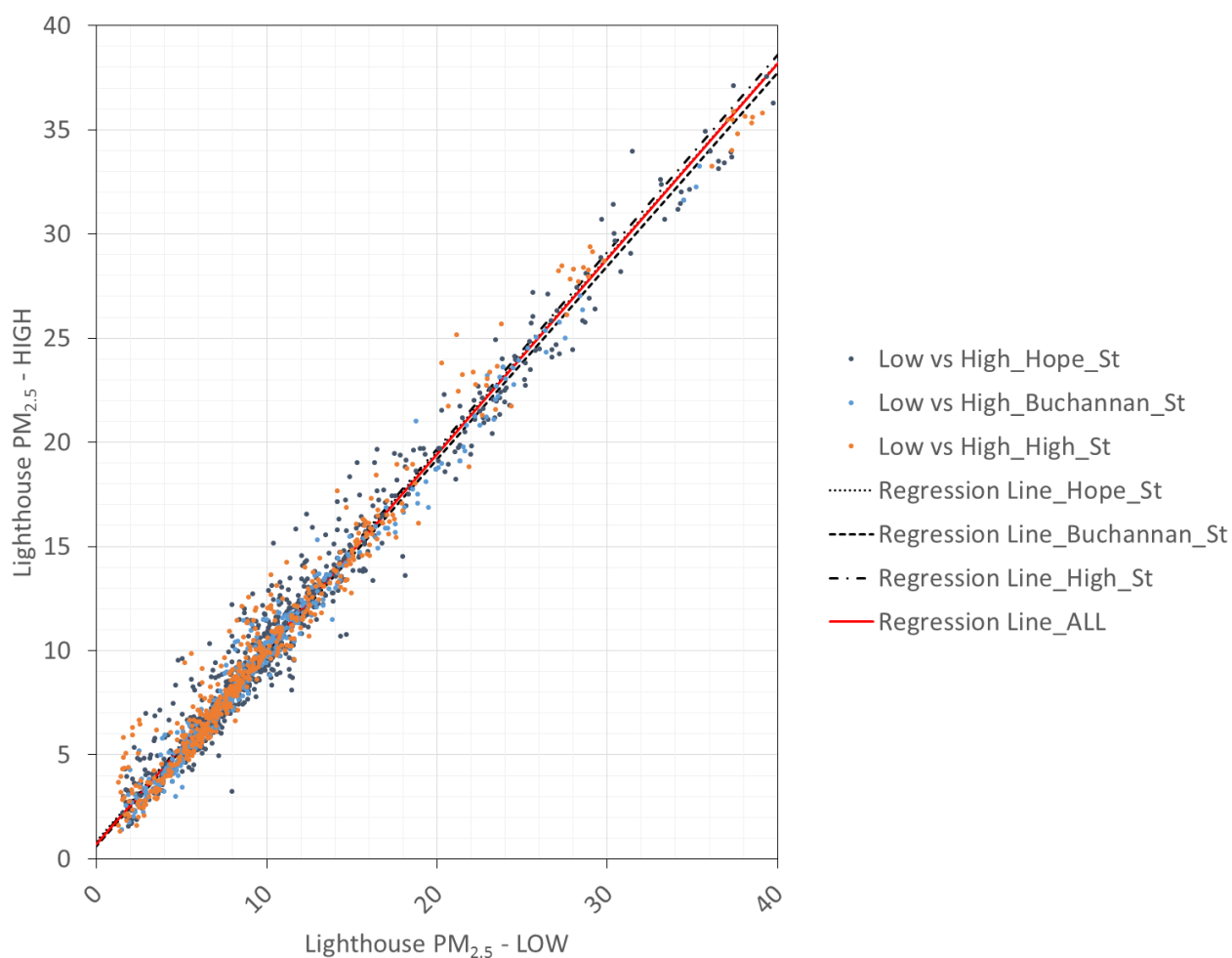


Table I14 PM_{2.5} vs Height Regression by Street Results - Grubbs

Dataset	1 minute		Orthogonal Regression			No of Data Pairs Rejected
	n_{bs}	MAE	r^2	Slope (d) $\pm u_d$	Intercept (c) $\pm u_c$	
Hope Street	843	0.83	0.975	0.934 \pm 0.005	0.730 \pm 0.070	31 (3.5%)
Buchanan Street	393	0.52	0.983	0.927 \pm 0.006	0.636 \pm 0.068	20 (4.8%)
High Street	519	0.76	0.973	0.946 \pm 0.007	0.721 \pm 0.083	26 (4.8%)
All Data	4174	0.80	0.978	0.937 \pm 0.002	0.703 \pm 0.029	126 (2.9%)

Figure I15 PM_{5.0} vs Height Regression by Street ($\mu\text{g m}^{-3}$)

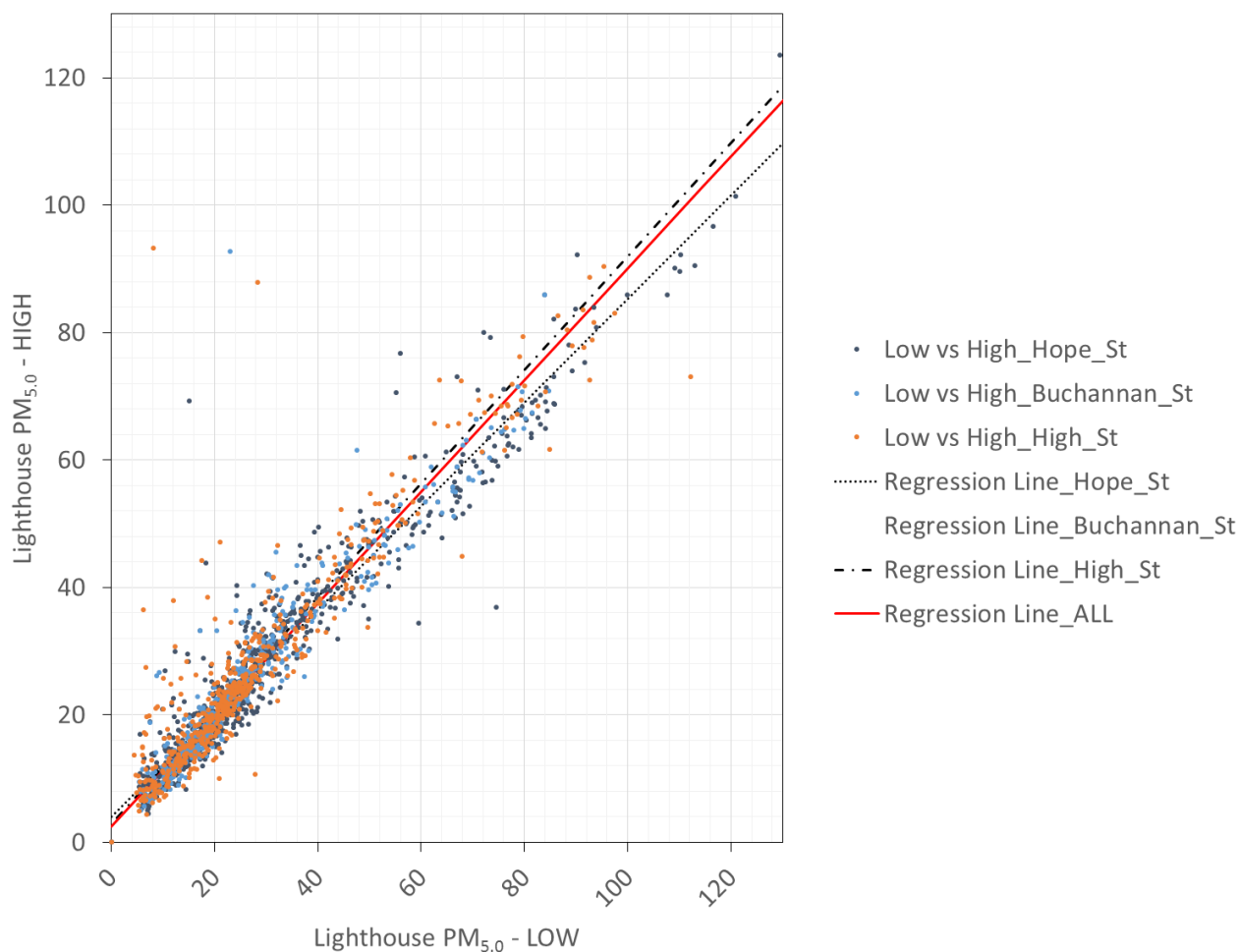


Table I15 PM_{5.0} vs Height Regression by Street Results

Dataset	1 minute		Orthogonal Regression		
	n_{bs}	MAE	r^2	Slope (d) $\pm u_d$	Intercept (c) $\pm u_c$
Hope Street	875	3.20	0.933	0.813 \pm 0.007	3.957 \pm 0.273
Buchanan Street	414	2.91	0.889	0.880 \pm 0.015	2.450 \pm 0.469
High Street	546	3.52	0.853	0.891 \pm 0.015	2.889 \pm 0.493
All Data	4300	3.48	0.861	0.930 \pm 0.005	1.193 \pm 0.189

Figure I16 PM_{5.0} vs Height Regression by Street – Grubbs (µg m⁻³)

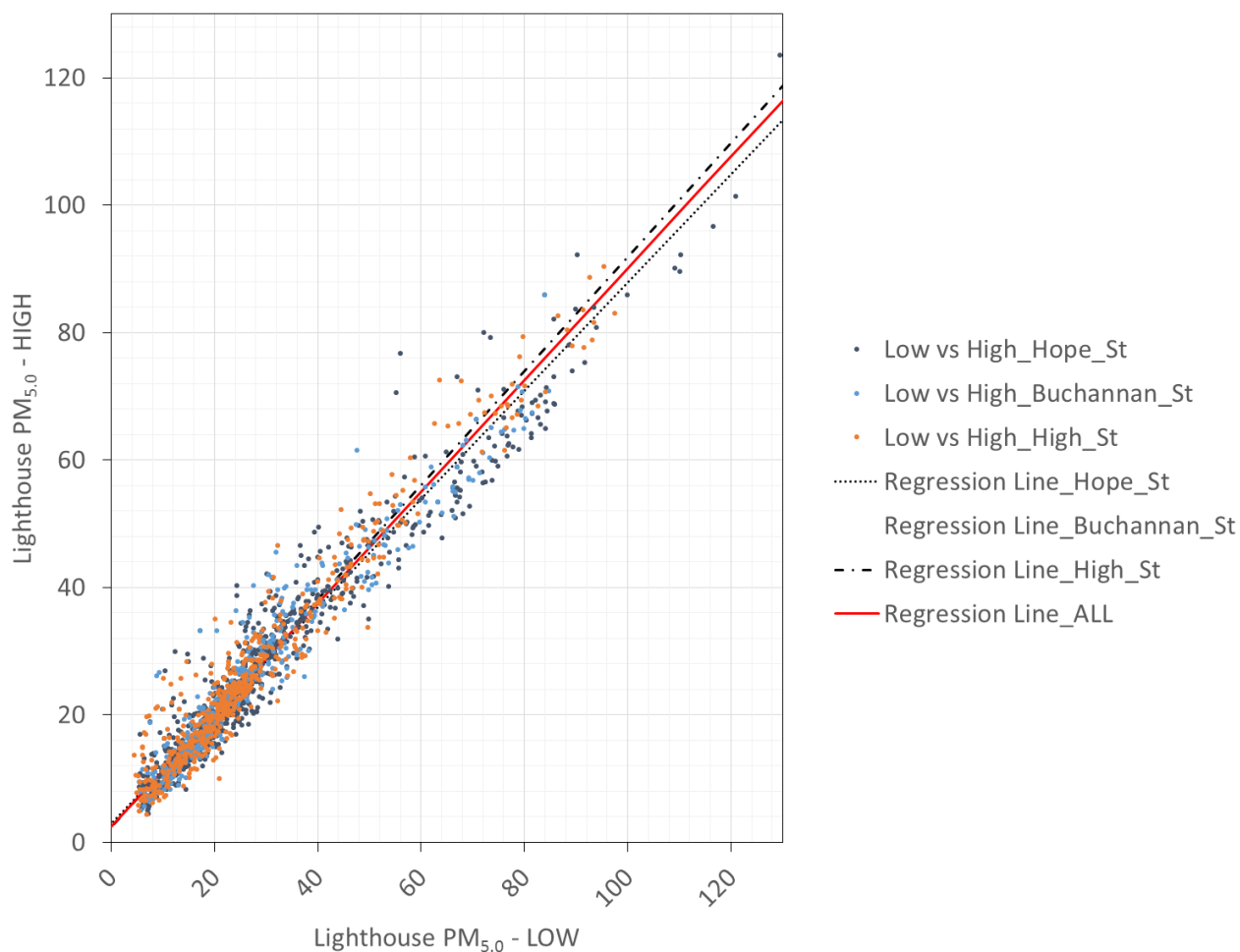


Table I16 PM_{5.0} vs Height Regression by Street Results - Grubbs

Dataset	1 minute		Orthogonal Regression			No of Data Pairs Rejected
	<i>n_{bs}</i>	MAE	<i>r</i> ²	Slope (<i>d</i>) ± <i>u_d</i>	Intercept (<i>c</i>) ± <i>u_c</i>	
Hope Street	865	3.00	0.941	0.849 ± 0.007	2.948 ± 0.250	9 (1%)
Buchanan Street	412	2.72	0.935	0.862 ± 0.011	2.790 ± 0.350	1 (0.2%)
High Street	531	2.79	0.945	0.895 ± 0.009	2.403 ± 0.299	14 (2.6%)
All Data	4244	2.89	0.942	0.876 ± 0.003	2.452 ± 0.110	56 (1.3%)

Figure I17 PM₁₀ vs Height Regression by Street (µg m⁻³)

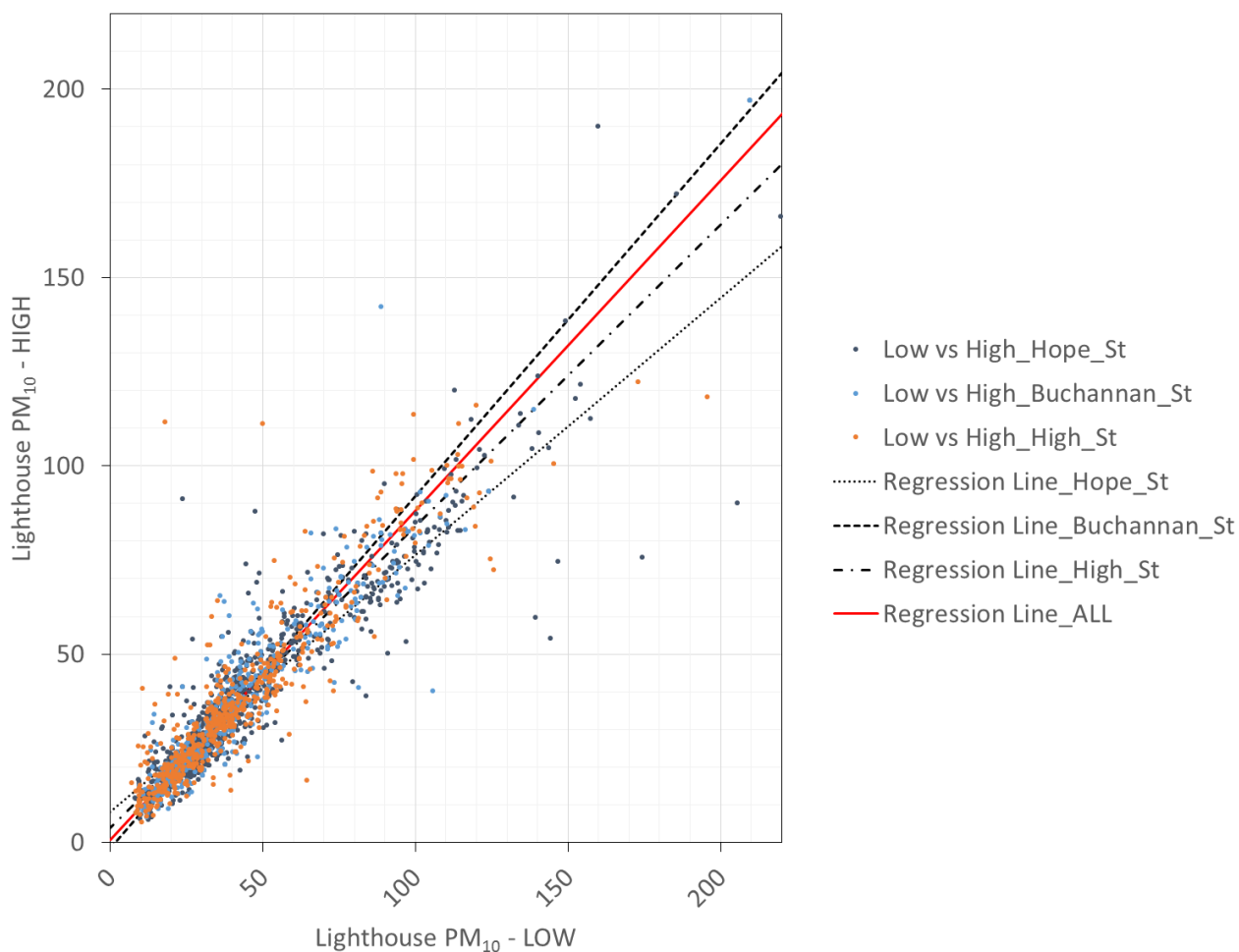


Table I17 PM₁₀ vs Height Regression by Street Results

Dataset	1 minute		Orthogonal Regression		
	<i>n_{bs}</i>	MAE	<i>r</i> ²	Slope (<i>d</i>) ± <i>u_d</i>	Intercept (<i>c</i>) ± <i>u_c</i>
Hope Street	874	6.30	0.878	0.682 ± 0.008	8.191 ± 0.539
Buchanan Street	413	6.11	0.771	0.935 ± 0.022	-1.505 ± 1.112
High Street	545	5.97	0.820	0.801 ± 0.015	3.982 ± 0.775
All Data	4299	6.61	0.811	0.890 ± 0.006	-0.364 ± 0.349

Figure I18 PM₁₀ vs Height Regression by Street – Grubbs (µg m⁻³)

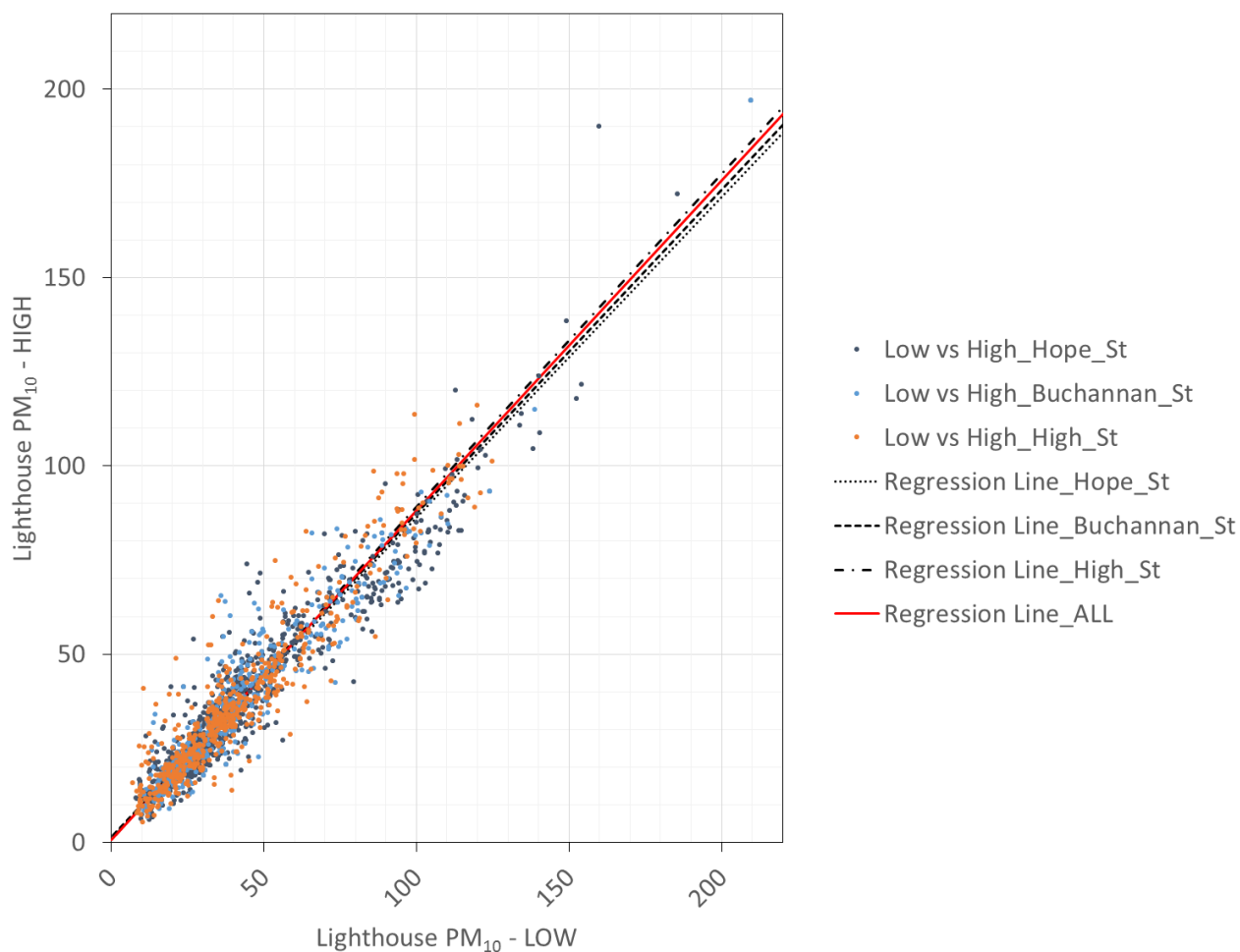


Table I18 PM₁₀ vs Height Regression by Street Results - Grubbs

Dataset	1 minute		Orthogonal Regression			No of Data Pairs Rejected
	<i>n_{bs}</i>	MAE	<i>r</i> ²	Slope (<i>d</i>) ± <i>u_d</i>	Intercept (<i>c</i>) ± <i>u_c</i>	
Hope Street	856	5.13	0.913	0.851 ± 0.009	1.173 ± 0.454	18 (2.1%)
Buchanan Street	408	4.99	0.899	0.859 ± 0.014	1.418 ± 0.672	5 (1.2%)
High Street	534	5.24	0.885	0.884 ± 0.013	0.766 ± 0.634	11 (2.0%)
All Data	4218	5.36	0.897	0.876 ± 0.004	0.583 ± 0.221	81 (1.9%)

Figure I19 TPM vs Height Regression by Street ($\mu\text{g m}^{-3}$)

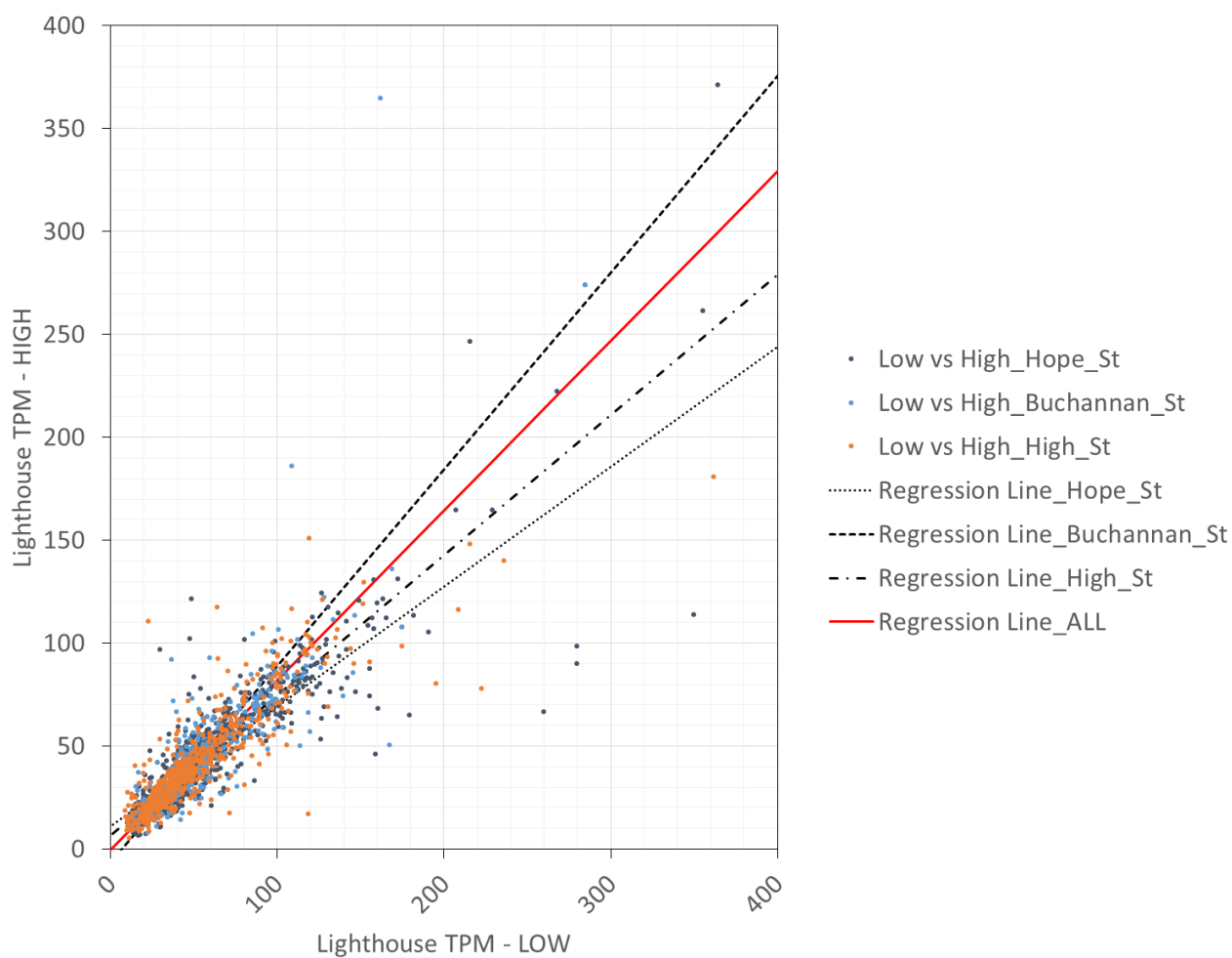


Table I19 TPM vs Height Regression by Street Results

Dataset	1 minute		Orthogonal Regression		
	n_{bs}	MAE	r^2	Slope (d) $\pm u_d$	Intercept (c) $\pm u_c$
Hope Street	874	8.89	0.815	0.582 \pm 0.009	11.065 \pm 0.762
Buchanan Street	413	9.63	0.693	0.955 \pm 0.026	-6.406 \pm 1.612
High Street	545	7.93	0.755	0.681 \pm 0.015	6.563 \pm 0.967
All Data	4300	9.24	0.742	0.801 \pm 0.006	-0.091 \pm 0.480

Figure I20 TPM vs Height Regression by Street – Grubbs ($\mu\text{g m}^{-3}$)

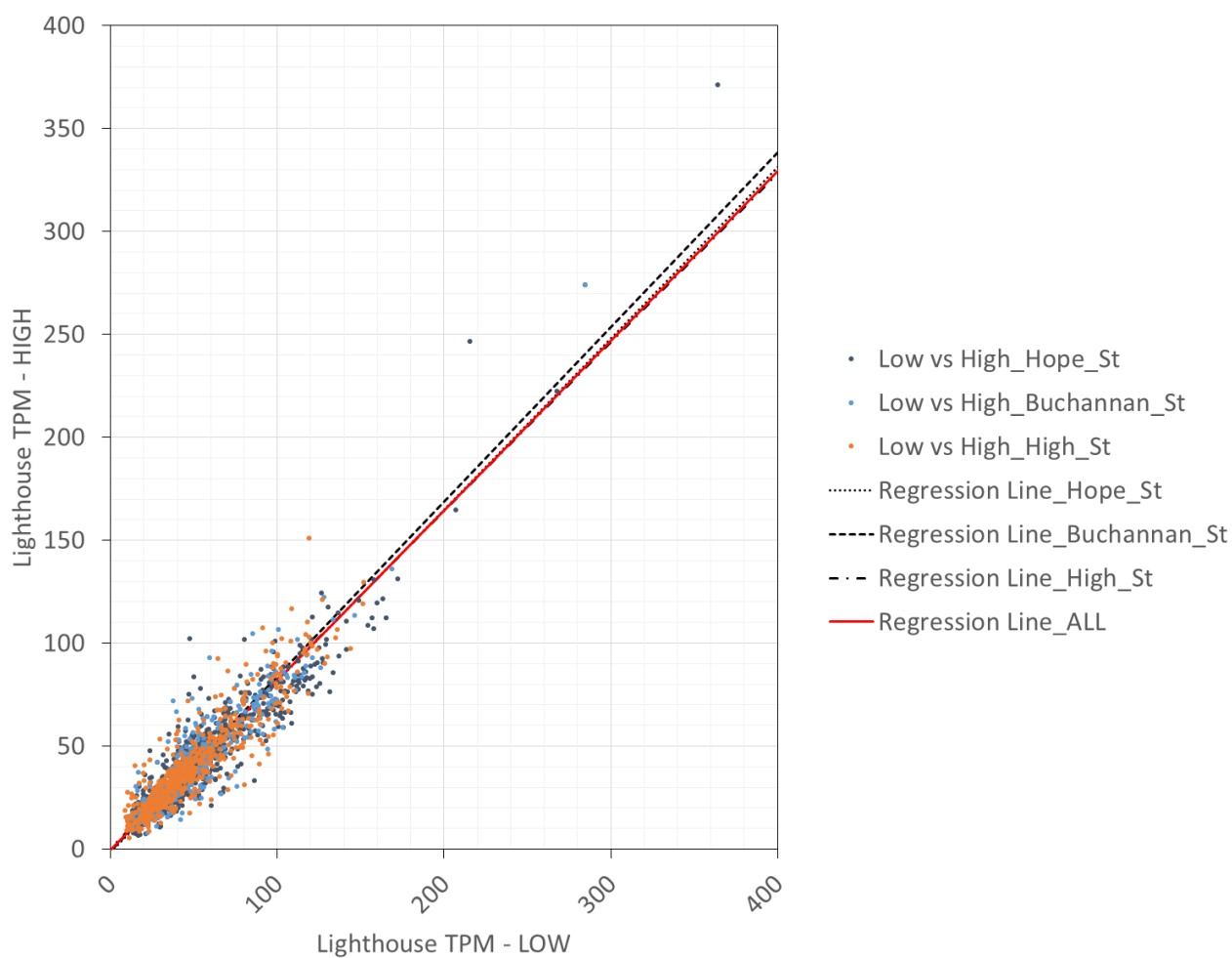


Table I20 TPM vs Height Regression by Street Results - Grubbs

Dataset	1 minute		Orthogonal Regression			No of Data Pairs Rejected
	n_{bs}	MAE	r^2	Slope (d) $\pm u_d$	Intercept (c) $\pm u_c$	
Hope Street	848	6.97	0.880	0.831 \pm 0.010	-1.378 \pm 0.631	26 (3%)
Buchanan Street	403	6.92	0.854	0.848 \pm 0.016	-0.957 \pm 0.955	10 (2.4%)
High Street	529	6.76	0.832	0.819 \pm 0.015	0.441 \pm 0.845	16 (2.9%)
All Data	4195	7.31	0.843	0.824 \pm 0.005	-0.292 \pm 0.308	105 (2.4%)

Figure I21 BC vs Height Regression by Street ($\mu\text{g m}^{-3}$)

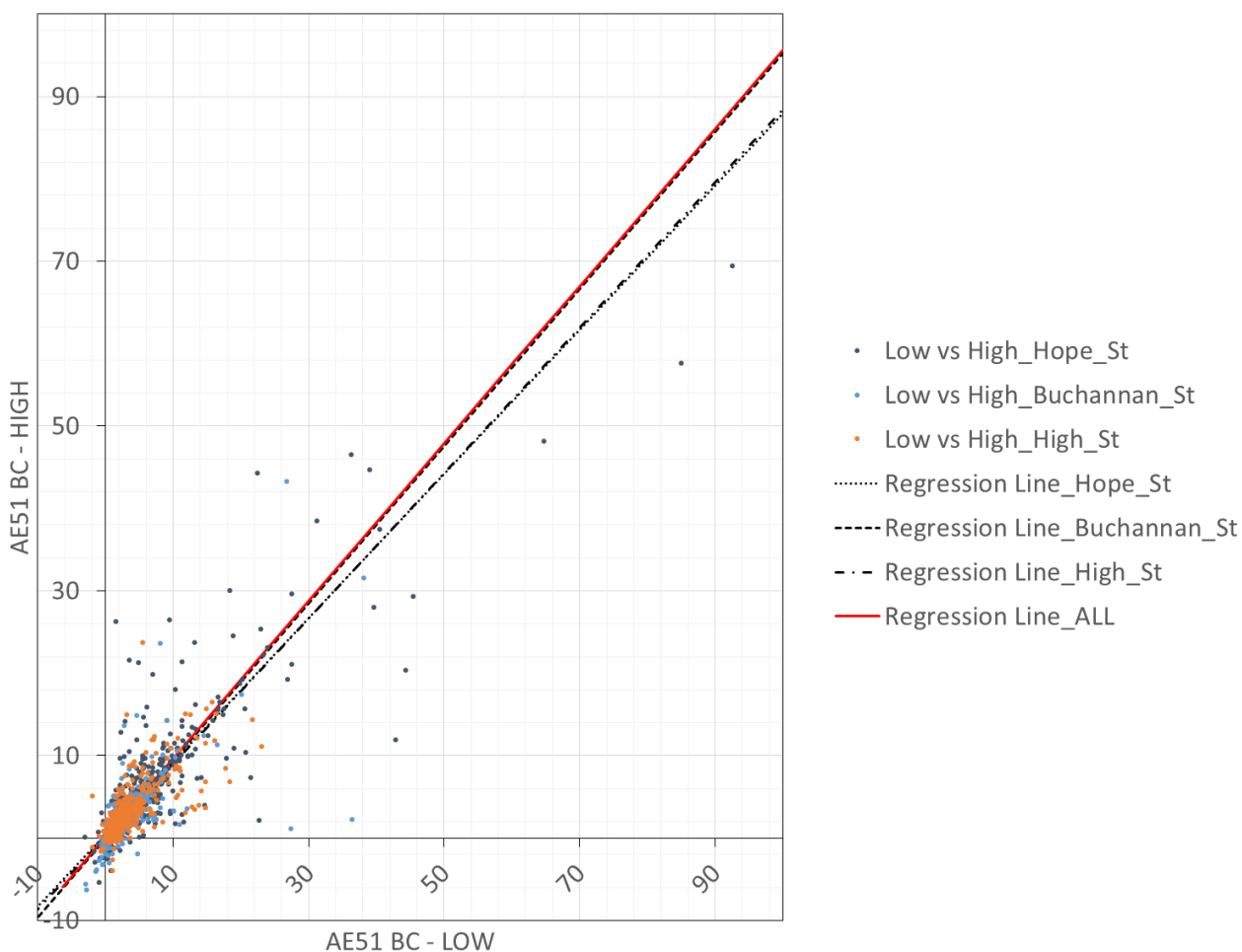


Table I21 BC vs Height Regression by Street Results

Dataset	1 minute		Orthogonal Regression		
	n_{bs}	MAE	r^2	Slope (d) $\pm u_d$	Intercept (c) $\pm u_c$
Hope Street	881	1.44	0.762	0.874 \pm 0.015	0.398 \pm 0.119
Buchanan Street	430	1.20	0.482	0.953 \pm 0.034	-0.134 \pm 0.159
High Street	549	1.10	0.548	0.882 \pm 0.026	0.164 \pm 0.115
All Data	4330	1.31	0.667	0.890 \pm 0.008	0.204 \pm 0.052

Figure I22 BC vs Height Regression by Street – Grubbs ($\mu\text{g m}^{-3}$)

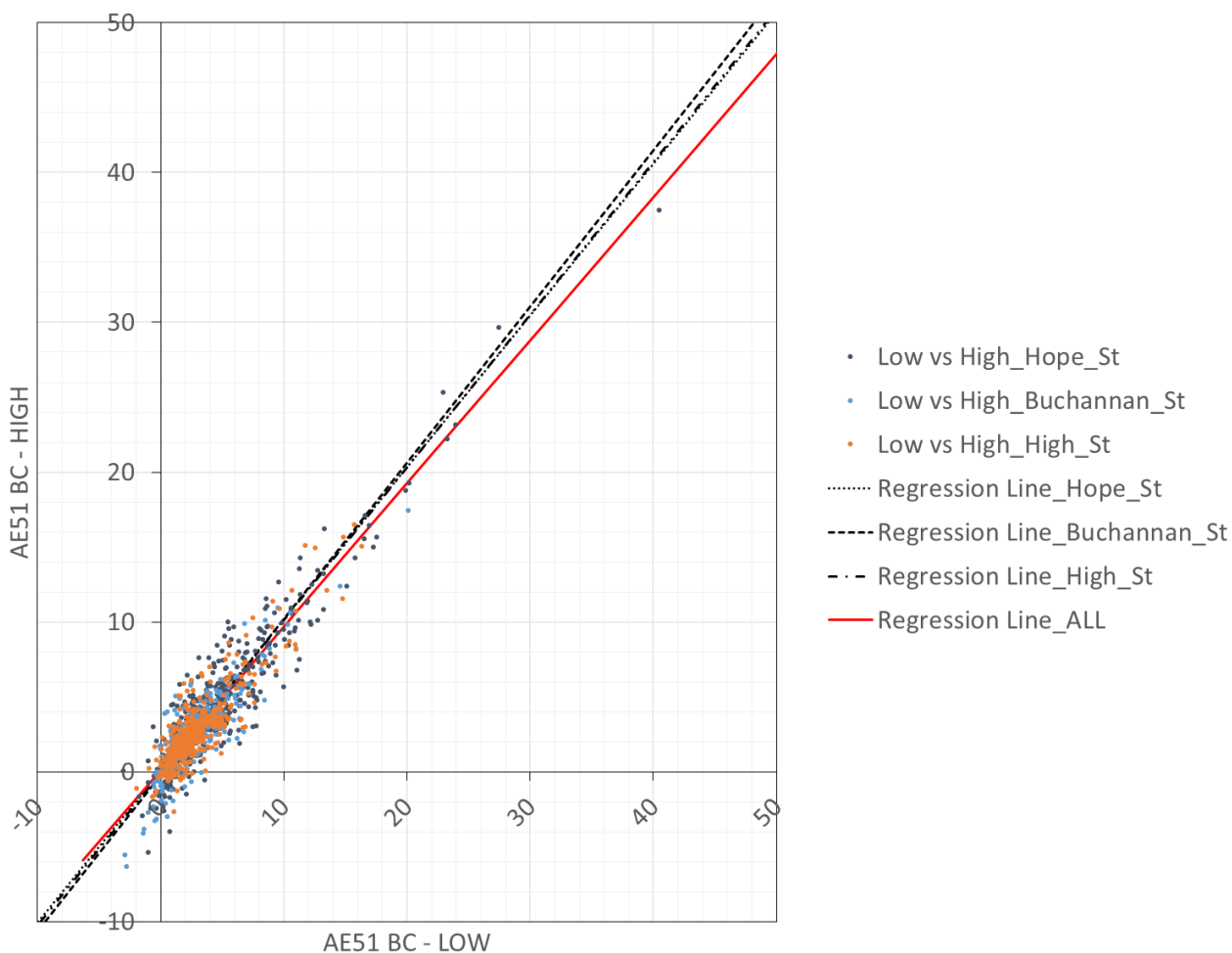


Table I22 BC vs Height Regression by Street Results - Grubbs

Dataset	1 minute		Orthogonal Regression			No of Data Pairs Rejected
	n_{bs}	MAE	r^2	Slope (d) $\pm u_d$	Intercept (c) $\pm u_c$	
Hope Street	826	0.86	0.878	1.012 \pm 0.012	-0.088 \pm 0.060	55 (6.2%)
Buchanan Street	409	0.80	0.759	1.042 \pm 0.025	-0.275 \pm 0.082	21 (4.9%)
High Street	517	0.80	0.787	1.019 \pm 0.021	-0.125 \pm 0.074	32 (5.8%)
All Data	4121	0.87	0.868	1.007 \pm 0.006	-0.101 \pm 0.026	209 (4.8%)

Figure I23 UFP vs Height Regression by Street (N Particles cm⁻³)

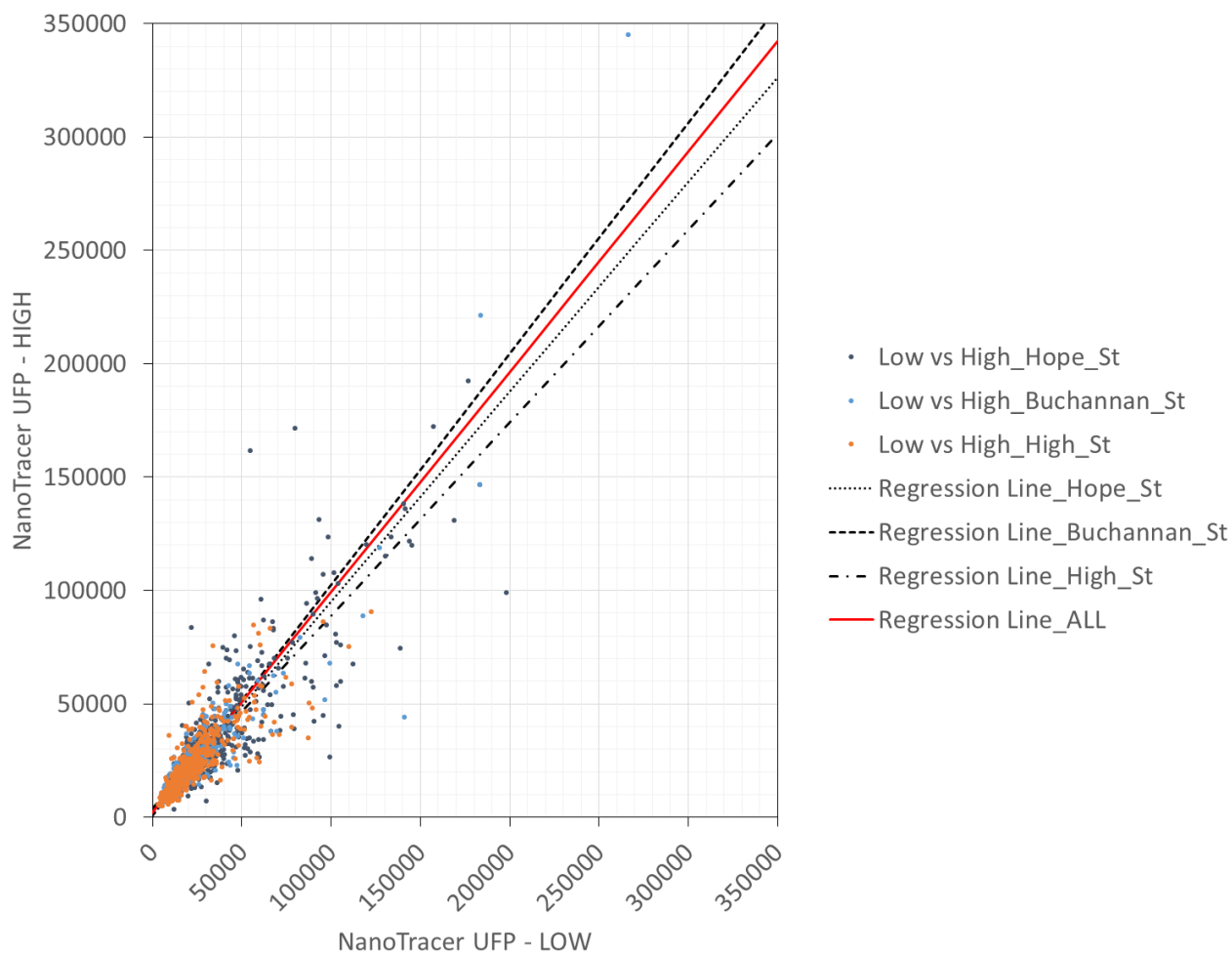


Table I23 UFP vs Height Regression by Street Results

Dataset	1 minute		Orthogonal Regression		
	<i>n_{bs}</i>	MAE	<i>r</i> ²	Slope (<i>d</i>) ± <i>u_d</i>	Intercept (<i>c</i>) ± <i>u_c</i>
Hope Street	874	6085	0.755	0.925 ± 0.016	2695 ± 585
Buchanan Street	430	4808	0.839	1.019 ± 0.020	601 ± 643
High Street	548	4680	0.690	0.850 ± 0.021	4063 ± 553
All Data	4312	6370	0.679	1.057 ± 0.009	-561 ± 316

Figure I24 UFP vs Height Regression by Street – Grubbs (N Particles cm^{-3})

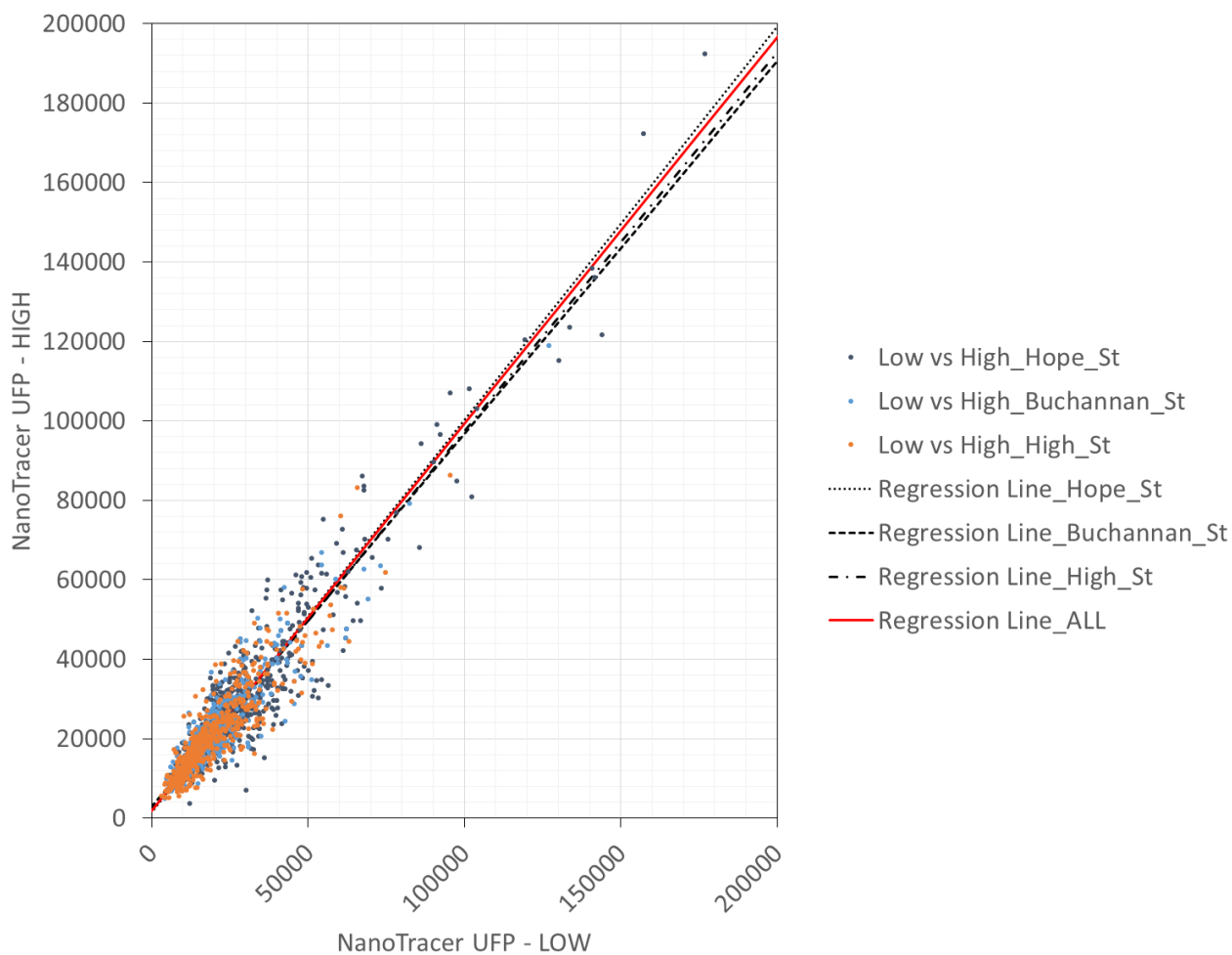


Table I24 UFP vs Height Regression by Street Results - Grubbs

Dataset	1 minute		Orthogonal Regression			No of Data Pairs Rejected
	n_{bs}	MAE	r^2	Slope (d) $\pm u_d$	Intercept (c) $\pm u_c$	
Hope Street	827	4413	0.889	0.989 \pm 0.011	1415 \pm 368	47 (5.4%)
Buchanan Street	417	3441	0.832	0.937 \pm 0.019	2939 \pm 462	13 (3%)
High Street	520	3598	0.815	0.952 \pm 0.018	2154 \pm 418	28 (5.1%)
All Data	4137	4129	0.877	0.973 \pm 0.005	1923 \pm 153	176 (4.1%)

Table G1 Pollutant vs Height Regression Results – Sauchiehall St/Buchanan St

Pollutant	1 minute		Orthogonal Regression			No of Data Pairs Rejected
	n_{bs}	MAE	r^2	Slope (d) $\pm u_d$	Intercept (c) $\pm u_c$	
NO ₂	368	18.34	0.786	1.331 \pm 0.031	-15.064 \pm 2.621	2 (0.5%)
NO	364	21.88	0.899	0.941 \pm 0.016	8.456 \pm 1.504	6 (1.6%)
SO ₂	367	30.47	0.762	0.852 \pm 0.022	22.671 \pm 2.091	3 (0.8%)
CO	365	14.80	0.929	0.994 \pm 0.014	5.078 \pm 2.561	5 (1.4%)
PM _{0.5}	399	0.12	0.990	0.977 \pm 0.005	0.033 \pm 0.016	14 (3.4%)
PM _{1.0}	396	0.24	0.974	0.949 \pm 0.008	0.219 \pm 0.039	17 (4.1%)
PM _{2.5}	393	0.52	0.983	0.927 \pm 0.006	0.636 \pm 0.068	20 (4.8%)
PM _{5.0}	412	2.72	0.935	0.862 \pm 0.011	2.790 \pm 0.350	1 (0.2%)
PM ₁₀	408	4.99	0.899	0.859 \pm 0.014	1.418 \pm 0.672	5 (1.2%)
TPM	403	6.92	0.854	0.848 \pm 0.016	-0.957 \pm 0.955	10 (2.4%)
BC	409	0.80	0.759	1.042 \pm 0.025	-0.275 \pm 0.082	21 (4.9%)
UFP	417	3441	0.832	0.937 \pm 0.019	2939 \pm 462	13 (3.0%)

Table G2 Pollutant vs Height Regression Results – Hope Street

Pollutant	1 minute		Orthogonal Regression			No of Data Pairs Rejected
	n_{bs}	MAE	r^2	Slope (d) $\pm u_d$	Intercept (c) $\pm u_c$	
NO ₂	764	18.17	0.793	1.152 \pm 0.019	-5.085 \pm 1.790	9 (1.2%)
NO	740	25.78	0.815	0.982 \pm 0.016	7.327 \pm 1.332	33 (4.3%)
SO ₂	764	29.90	0.736	0.860 \pm 0.016	29.747 \pm 1.590	9 (1.2%)
CO	743	15.35	0.984	0.985 \pm 0.005	9.249 \pm 1.183	30 (3.9%)
PM _{0.5}	830	0.18	0.983	0.994 \pm 0.005	0.001 \pm 0.017	44 (5.0%)
PM _{1.0}	836	0.38	0.980	0.957 \pm 0.005	0.225 \pm 0.033	38 (4.3%)
PM _{2.5}	843	0.83	0.975	0.934 \pm 0.005	0.730 \pm 0.070	31 (3.5%)
PM _{5.0}	865	3.00	0.941	0.849 \pm 0.007	2.948 \pm 0.250	9 (1.0%)
PM ₁₀	856	5.13	0.913	0.851 \pm 0.009	1.173 \pm 0.454	18 (2.1%)
TPM	848	6.97	0.880	0.831 \pm 0.010	-1.378 \pm 0.631	26 (3.0%)
BC	826	0.86	0.878	1.012 \pm 0.012	-0.088 \pm 0.060	55 (6.2%)
UFP	827	4413	0.889	0.989 \pm 0.011	1415 \pm 368	47 (5.4%)

Table G 3 Pollutant vs Height Regression Results – High Street

Pollutant	1 minute		Orthogonal Regression			No of Data Pairs Rejected
	n_{bs}	MAE	r^2	Slope (d) $\pm u_d$	Intercept (c) $\pm u_c$	
NO ₂	471	17.51	0.770	1.249 \pm 0.027	-8.973 \pm 2.215	5 (1%)
NO	469	25.41	0.705	0.909 \pm 0.023	6.759 \pm 1.578	7 (1.5%)
SO ₂	476	33.62	0.744	0.922 \pm 0.022	35.471 \pm 2.002	0 (0%)
CO	457	17.33	0.982	0.999 \pm 0.006	5.304 \pm 1.793	19 (4%)
PM _{0.5}	512	0.10	0.993	0.994 \pm 0.004	0.004 \pm 0.011	33 (6.1%)
PM _{1.0}	517	0.27	0.980	0.946 \pm 0.006	0.283 \pm 0.031	28 (5.1%)
PM _{2.5}	519	0.76	0.973	0.946 \pm 0.007	0.721 \pm 0.083	26 (4.8%)
PM _{5.0}	531	2.79	0.945	0.895 \pm 0.009	2.403 \pm 0.299	14 (2.6%)
PM ₁₀	534	5.24	0.885	0.884 \pm 0.013	0.766 \pm 0.634	11 (2%)
TPM	529	6.76	0.832	0.819 \pm 0.015	0.441 \pm 0.845	16 (2.9%)
BC	517	0.80	0.787	1.019 \pm 0.021	-0.125 \pm 0.074	32 (5.8%)
UFP	520	3598	0.815	0.952 \pm 0.018	2154 \pm 418	28 (5.1%)