

Pollution	Chullora		Earlwood		Liverpool		Richmond	
Condition	Low	High	Low	High	Low	High	Low	High
	$R^2$	$R^2$	$R^2$	$R^2$	$R^2$	$R^2$	$R^2$	$R^2$
	0.38	0.44	0.29	0.60	0.39	0.60	0.29	0.47
Variable	$F$	$F$	$F$	$F$	$F$	$F$	$F$	$F$
PBLH	12.7***	9.1**	4.0*	13.2***	3.3*	29.5***	4.5**	6.9**
MSLP	0.0	0.4	0.0	3.7	0.0	2.0	0.0	1.6
Temperature	0.0	3.7*	0.8	2.9	4.6*	10.9***	0.1	2.1
Cloud cover	12.9***	16.9***	9.2**	9.9***	10.6**	16.9***	2.9	7.6**
Rainfall	2.0	1.6	5.7*	8.9***	7.3**	1.2	8.8**	3.1
Wind direction	0.0	1.0*	0.0	1.7**	0.0	2.5***	0.0	0.2
Wind speed	0.1	2.4	3.4	3.9**	1.0	0.0	5.8*	0.2
HRBs daily frequency	3.1	2.3*	0.0	2.8*	1.1	3.5**	0.1	1.6
HRBs area burnt daily	6.8***	1.4	3.0	0.3	1.6	5.7**	1.2	9.5***
Julian Day	12.1***	5.9***	10.1***	10.7***	18.8***	11.9***	32.3***	2.6