Multi linear predictive model = depth+FluentsRoot+Producers+Rvar+RvarRoot
Random forest = depth+FluentsRoot+Producers+ProducersU+Rvar+DRvar+RvarRoot

MEN = mean(abs(est_EN – real_EN))
FMEN=mean(abs(est_EN – real_EN)/real_EN)
SD = desviación estandar

MT=mean(abs(est_time – Time))
FMT=mean(abs(est_time – Time)/Time)

Table 1

	ParcPrinter domain									rover domain								
	estimating evaluated nodes						estimating time			estimating evaluated nodes						estimating time		
	est_ENodes (model)			est_time=est_ENodes*mean(Time/ENodes)			est_time(model)			est_ENodes (model)			est_time=est_ENodes*mean(Time/ENodes)			est_time(model)		
(all data)	MEN	FMEN	SD	MT	FMT	SD	MT	FMT	SD	MEN	FMEN	SD	MT	FMT	SD	MT	FMT	SD
Models																		
multi linear predictive model	90569,15	291,76	135940,72	4300,44	254,86	5233,90	3607,87	200,92	5539,64	85676,55	629,05	151146,72	2062,59	5752,44	2197,86	1178,75	3162,21	2265,84
random forest ntree=10 mtry=2	25071,65	2,96	62263,94	1183,39	3,77	2633,08	826,81	1,71	2346,28	35693,07	15,07	102417,10	916,85	30,53	2258,05	518,75	19,37	1525,92
random forest ntree=100 mtry=2	22852,83	3,19	61937,72	1134,07	4,37	2516,27	909,06	2,56	2652,62	33842,87	9,41	98627,18	867,07	34,68	1979,76	440,00	12,61	1526,18
random forest ntree=100 mtry=4	19570,43	1,41	55102,47	1032,30	1,73	2479,81	773,76	1,10	2238,99	29316,67	5,49	86620,12	855,25	21,00	2144,74	376,55	8,06	1388,73
random forest ntree=100 mtry=6	17879,14	1,09	51978,80	1009,74	1,12	2552,54	699,47	0,71	2072,28	24807,11	2,63	82012,23	742,05	10,57	1972,78	331,92	5,12	1252,23
random forest ntree=100 mtry=7	17552,56	0,97	51148,46	1034,87	1,07	2705,43	687,26	0,70	2087,45	23841,79	2,89	77302,16	820,55	10,12	2261,10	301,76	3,92	1201,80
random forest ntree=500 mtry=2	22253,82	3,30	59913,93	1105,55	4,58	2439,17	903,24	2,67	2576,43	32817,65	8,36	96928,11	857,74	31,92	2004,47	456,02	16,15	1582,30
random forest ntree=500 mtry=4	18920,00	1,42	53925,40	1032,55	1,70	2459,97	753,10	1,05	2272,73	26797,13	4,60	81660,46	787,60	20,77	2000,78	367,58	9,17	1346,10
random forest ntree=500 mtry=6	17091,45	1,08	50263,45	996,36	1,18	2499,32	698,96	0,71	2159,30	24018,80	3,23	80008,54	752,84	15,03	2038,18	316,77	5,17	1233,39
random forest ntree=500 mtry=7	17024,97	0,97	50128,63	989,63	1,05	2458,64	682,62	0,69	2100,63	23440,46	2,68	77497,16	772,19	11,06	2110,67	304,80	4,08	1194,57
random forest ntree=1000 mtry=2	22091,29	3,21	59738,60	1117,68	4,38	2477,05	893,29	2,61	2555,71	32598,72	7,96	97004,76	851,69	30,94	1960,58	452,14	15,67	1575,40
random forest ntree=1000 mtry=7	16959,31	0,97	49753,95	988,71	1,05	2451,46	687,50	0,68	2110,53	22925,84	2,67	76529,99	763,46	12,39	2117,69	295,53	4,11	1149,54
	19751,59	1,87	55105,03	1056,80	2,36	2515,70	774,10	1,38	2288,45	28190,92	5,91	86964,35	817,03	20,82	2077,17	378,35	9,40	1361,47

training: filtered-training-cPrint-regressed-all-filtering-pre-window   458 samples
test: filtered-training-cPrint-regressed-all-filtering-pre-window   458 samples

training: filtered-training-rover-regressed-all-filtering-pre-window   235 samples
test: filtered-training-rover-regressed-all-filtering-pre-window   235 samples

Table 2

	ParcPrinter domain									rover domain								
	estimating evaluated nodes						estimating time			estimating evaluated nodes						estimating time		
	est_ENodes (model)			est_time=est_ENodes*mean(Time/ENodes)			est_time(model)			est_ENodes (model)			est_time=est_ENodes*mean(Time/ENodes)			est_time(model)		
(all data)	MEN	MFEN	SD	MT	MFT	SD	MT	MFT	SD	MEN	MFEN	SD	MT	MFT	SD	MT	MFT	SD
Models																		
multi linear predictive model	327245,18	1170,80	264314,73	10998,16	649,82	9571,00	9397,76	499,80	8889,59	233542,69	3535,98	205202,09	7382,74	40476,06	5570,98	6169,75	39873,95	5331,45
random forest ntree=10 mtry=2	28949,90	3,59	80744,75	1219,65	1,90	3837,32	1018,90	2,88	2962,56	20655,25	11,16	69609,37	746,83	34,16	2300,39	293,60	11,22	1005,72
random forest ntree=100 mtry=2	24251,71	3,87	62425,04	1049,59	2,11	3242,33	850,27	1,38	2621,39	22539,98	13,06	83482,20	747,13	39,72	2000,68	295,06	9,43	1228,51
random forest ntree=100 mtry=4	23119,44	2,45	62815,10	1017,74	1,25	3207,17	779,59	0,89	2340,48	19602,72	7,87	80985,24	622,88	21,65	1817,46	265,49	13,35	1257,10
random forest ntree=100 mtry=6	22620,76	1,66	63137,51	1015,49	0,82	3166,57	737,09	0,79	2287,88	19789,24	11,17	76721,83	672,99	34,02	2114,08	249,44	11,78	1114,73
random forest ntree=100 mtry=7	21668,83	1,52	64732,79	978,28	0,77	3097,93	777,91	0,80	2521,66	19315,44	11,53	78651,18	644,54	24,73	1959,91	245,17	14,73	1118,49
random forest ntree=500 mtry=2	24070,71	4,21	61682,07	1042,25	2,10	3269,74	899,27	2,54	2444,79	22548,20	12,58	82535,29	736,27	34,40	1995,87	302,62	16,31	1207,43
random forest ntree=500 mtry=4	21653,52	2,27	58072,67	978,58	1,10	3060,69	732,54	0,90	2216,53	19150,40	8,89	76787,57	652,46	24,80	2049,06	251,17	12,64	1106,54
random forest ntree=500 mtry=6	21737,28	1,83	61336,84	986,47	0,87	3060,90	732,58	0,78	2273,67	19116,40	10,12	74675,09	667,35	26,00	2126,87	250,45	12,99	1133,63
random forest ntree=500 mtry=7	22303,71	1,62	64939,41	996,12	0,79	3137,21	758,51	0,76	2453,31	19072,07	11,17	75866,64	661,96	28,32	2106,10	248,88	15,11	1106,96
random forest ntree=1000 mtry=2	24104,90	4,48	61796,18	1044,12	2,25	3269,85	894,48	2,62	2453,73	22172,02	13,36	81151,99	730,24	36,37	1981,46	303,29	17,34	1223,84
random forest ntree=1000 mtry=7	22335,18	1,59	65794,29	997,41	0,77	3143,08	737,53	0,74	2302,33	19125,34	11,30	76720,75	658,86	29,88	2119,41	247,46	14,61	1087,24
	23346,90	2,64	64316,06	1029,61	1,34	3226,62	810,79	1,37	2443,48	20280,64	11,11	77926,10	685,59	30,37	2051,94	268,42	13,59	1144,56

training: filtered-training-All-regressed-all-filtering-pre-window   2421 samples
test: filtered-training-cPrint-regressed-all-filtering-pre-window   458 samples

training: filtered-training-All-regressed-all-filtering-pre-window   2421 samples
test: filtered-training-rover-regressed-all-filtering-pre-window   235 samples