

House A

Model	Feature	Precision	Recall	F-Measure	Accuracy	CV_Accuracy
HMM	Change	36.9	35.2	31.8	71.2	72.0 ± 3.3
	Raw	30.8	13.8	12.9	59.7	58.0 ± 1.2
	Last	21.8	19.3	15.2	66.0	66.6 ± 3.0
SVM	Change	34.7	11.4	9.5	53.1	53.1 ± 11.0
	Raw	33.2	17.0	17.4	60.6	60.6 ± 9.0
	Last	26.7	27.9	27.3	93.7	93.7 ± 1.7
SSVM	Change	13.9	10.3	7.5	53.1	53.1 ± 0.0
	Raw	23.0	15.2	15.3	61.3	61.3 ± 1.6
	Last	30.3	29.2	28.9	93.7	93.7 ± 0.2
CRF	Change	3.1	10.0	4.8	31.3	31.3 ± 0.0
	Raw	17.9	15.7	14.9	62.1	62.1 ± 0.0
	Last	19.4	19.3	14.5	65.9	65.9 ± 0.0
NB	Change	38.1	11.6	9.9	53.2	53.1 ± 0.0
	Raw	52.7	17.3	17.0	63.1	63.0 ± 0.0
	Last	28.3	28.2	27.7	94.4	94.5 ± 0.0

House C

Model	Feature	Precision	Recall	F-Measure	Accuracy	CV_Accuracy
HMM	Change	24.3	18.3	18.5	79.1	74.9 ± 2.6
	Raw	3.0	5.9	3.9	48.9	45.3 ± 4.6
	Last	27.3	28.3	26.1	78.3	81.8 ± 4.7
SVM	Change	19.3	6.4	5.0	46.6	46.6 ± 11.3
	Raw	9.2	7.2	7.2	44.5	44.5 ± 14.9
	Last	25.5	27.9	25.7	80.9	80.9 ± 5.1
SSVM	Change	12.6	6.8	5.6	50.5	50.5 ± 0.7
	Raw	20.8	13.3	14.0	55.8	55.8 ± 2.3
	Last	24.7	22.3	20.8	78.5	78.5 ± 0.4
CRF	Change	8.1	6.1	4.5	48.0	48.0 ± 0.2
	Raw	11.5	10.6	10.4	53.5	53.5 ± 0.1
	Last	12.8	15.3	13.3	78.2	78.2 ± 0.0
NB	Change	25.5	6.5	5.2	46.7	46.5 ± 0.0
	Raw	28.3	17.0	16.1	53.3	53.3 ± 0.1
	Last	32.4	28.1	26.5	81.5	81.5 ± 0.1

House B

Model	Feature	Precision	Recall	F-Measure	Accuracy	CV_Accuracy
HMM	Change	15.9	17.9	16.8	80.7	89.5 ± 1.9
	Raw	8.9	4.9	4.5	62.3	61.9 ± 8.2
	Last	13.0	15.9	13.3	81.3	89.0 ± 4.4
SVM	Change	16.5	4.9	4.7	59.8	59.8 ± 17.0
	Raw	10.9	9.7	8.3	58.4	58.4 ± 28.9
	Last	17.3	15.1	15.0	81.9	81.9 ± 9.2
SSVM	Change	15.3	5.0	4.8	60.4	60.4 ± 0.1
	Raw	33.5	17.4	20.9	91.2	91.2 ± 0.2
	Last	26.5	20.6	18.9	85.5	85.5 ± 0.9
CRF	Change	2.3	3.8	2.9	59.3	59.3 ± 0.0
	Raw	7.5	7.9	7.7	86.8	86.8 ± 2.3
	Last	7.5	7.7	7.5	84.4	84.4 ± 0.0
NB	Change	23.9	5.2	5.2	60.1	60.0 ± 0.0
	Raw	42.8	33.6	28.8	88.5	88.5 ± 0.0
	Last	29.9	18.5	18.5	87.8	87.8 ± 0.1

