House A

		Precision	Recall	F-Measure	Accuracy	CV_Accuracy
Model	Feature					
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

		Precision	Recall	F-Measure	Accuracy	CV_Accuracy
Model	Feature					
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

		Precision	Recall	F-Measure	Accuracy	CV_Accuracy
Model	Feature					
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

House A Model HMM Feature Change

receive guest	
tsauv avianar	000000000000000000000000000000000000000
unload washingmachine	000000000000000000000000000000000000000
put clothes in washingmachine	0.0000000000000000000000000000000000000
seirecgroceries	0.0000000000000000000000000000000000000
unload dishwasher	0.0000000000000000000000000000000000000
put items in dishwasher	0.0000000000000000000000000000000000000
get drink	0.0000000000000000000000000000000000000
get snack	0.0000000000000000000000000000000000000
ргерате Dinner	28.9 0.0 0.0 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
prepare Breakfast	0.0000000000000000000000000000000000000
bed of og	9.2 0.0 0.0 0.0 0.0 0.0 45.8 45.8 0.0 0.0 0.0 0.0 0.0 0.0
prush teeth	0.0000000000000000000000000000000000000
гвке громет	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
teliet	2.7 6.8 6.8 7.7 8.8 9.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
Bating	0.0000000000000000000000000000000000000
јевле ponse	18.8 0.0 1.0.4 1.1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
əlbi	1.3 1.3 1.3 1.8 1.8 1.8 1.8 1.8 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
	idle leave house Eating use toilet take shower brush teeth go to bed prepare Breakfast prepare Dinner get snack get snack put items in dishwasher shore groceries put colches in washingmachine unload washingmachine receive guest

House A Model HMM Feature Raw

receive guest	
unlosd washingmachine	
put clothes in washingmachine	
anidaemanidaem ni sadtola tur	
series groceries	
19dzswazib bsolnu	0.0000000000000000000000000000000000000
rəhaswalı ni aməti tuq	000000000000000000000000000000000000000
get drink	
Кер зияск	
prepare Dinner	10.4 0.0 0.0 0.0 0.0 0.0 0.0 23.1 8.7 31.4 4.2 0.0 0.0 0.0 0.0
prepare Breakfast	0.0000000000000000000000000000000000000
go to bed	23.8 0.0 0.0 0.0 0.0 0.0 14.6 0.7 0.7 0.0 0.0 0.0 0.0 0.0 0.0
prush teeth	
tske shower	0.0000000000000000000000000000000000000
use toilet	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
Hating	0.0000000000000000000000000000000000000
јевле ропге	55.5 100.0 0.0 67.3 100.0 100.0 100.0 28.4.7 62.7.7 62.7.7 0.0 0.0 0.0 0.0
əlbi	10.3 0.0 0.0 7.7 7.7 7.7 0.0 0.0 29.8 28.2 8.2 19.4 0.0 0.0 0.0 0.0
	idle leave house Esting use toilet take shower brush teeth go to bed prepare Breakfast prepare Dinner get snack get drink put items in dishwasher store groceries put clothes in washingmachine unload washingmachine receive guest

House A Model HMM Feature Last

receive guest	0.0000000000000000000000000000000000000
unlosd washingmachine	0.0000000000000000000000000000000000000
put clothes in washingmachine	0.0000000000000000000000000000000000000
seires groceries	0.0000000000000000000000000000000000000
19dsswasib bsolnu	0.0000000000000000000000000000000000000
put items in dishwasher	0.0000000000000000000000000000000000000
get drink	0.
£6£ гияск	0.
ргераге Dinner	8.6 0.0 0.0 0.0 0.0 0.0 1.7 8.4 7.4 8.4 8.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
prepare Breakfast	000000000000000000000000000000000000000
go to bed	0.0001000400000000000000000000000000000
brush teeth	0.0000000000000000000000000000000000000
таке громет	0.0000000000000000000000000000000000000
teliot esu	0.
Bating	0.
leave house	99.9 0.0 0.0 116.6 45.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
əlbi	81.5 0.1 0.1 100.0 100.0 82.2 82.2 82.2 90.9 00.0 00.0 00.0
	idle Earing Bating Use toilet take shower brush teeth go to bed prepare Breakfast prepare Dinner get sinck get sinck get sinck get drink put items in dishwasher store groceries put clothes in washingmachine unload dishwasher store groceries

House C Model HMM Feature Change

relax	14.1	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.4 0.0
read paper	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
watch tv	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
receive guest	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ənidəsmgaidssw bsolnu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
put clothes in washingmachine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Grooming (Collection of 6,9,12,22)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
series groceries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
unload dishwasher	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
rəfizewasib ni sməti tuq	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
япіть зэд	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ест япаск	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ргераге Dinner	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ргераге Ьипсћ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
prepare Breakfast	0.0																					
tske medicstion																						0.0
pesse1b 49g																						0.0
bed ot og	8.0	0.0	8.1	0.0	65.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0
эрвдг	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
таке ра тр	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0
sristagn təliot əsu	0.0																					
brush teeth																						0.0
твке вромет	0.3	0.0	0.0	33.1	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
use toilet downstairs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eating																						0.0
јевле џолге	11.4	0.0	11.2	0.0	0.0	0.0	0.0	0.0 7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
əlbi	73.2	100.0	84.3	66.9	34.8	0.0			100.0	100.0	0.001	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-		-		-	•			. 1		,=				(6)	(44					
														her		(00 01 0 0 3;+-	scuon or o,s,12,2	ne				
			stairs		irs					st				hwasher	ıer		rashin	machine				

House C Model HMM Feature Raw

тејвх	
read paper	
уз бор уч	
receive guest	
enidzemgainine w zeolau	
put clothes in washingmachine	
Grooming (Collection of 6,9,12,22)	
series groceries	
rədaswasib baolnu	
put items in dishwasher	
get drink	
get snack	
терате Dinneт	
ьтераге Ьипсһ	
prepare Breakfast	
tske medication	
get dressed	
go to bed	000000000000000000000000000000000000000
зрауе	
таке ратр	
aristaqu təliot əsu	
brush teeth	
<i>ұз</i> ке зромет	
aristanwob teliot eau	
gniteA	
јевле џолге	99.8 100.0 100.0 100.0 100.0 99.7 99.8 99.8 99.5 99.5 99.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
idle	000000000000000000000000000000000000000
	e downstairs branch h upstairs cation reakfast innch inn dishwasher in dishwasher sries (Collection of 6.9,12,22) s in washingmachine est

Unknown

House C Model HMM Feature Last

гејзх	8. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0.0 94.8 0.0
read paper		0.00
watch tv		0.0
receive guest		0.0
unlosd washingmachine		0.0
put clothes in washingmachine		0.0
Grooming (Collection of 6,9,12,22)		0.0
seires groceries		0.0
1948swasher	0.0000000000000000000000000000000000000	0.00
put items in dishwasher		0.0
Mairb teg		0.0
get snack		0.0
ртерате Dinner	25.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0
ртерате Ьипсћ		0.0
prepare Breakfast		0.0
tske medicstion		0.0
get dressed	1,000 1,000	0.0
go to bed	00000000000000000000000000000000000000	0.0
зрауе	0.00 0.00	
цзес эмез		
use toilet upstairs		
prush teeth		
£вkе зромет	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	4 · · · · · · · · · · · · · · · · · · ·	
use toilet downstairs		
Sarita Tage		
јевле ропзе	4.7.0.4.0.0.0.0.bL 1.4.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.	0.0
əfbi	26.0 26.0 26.0 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1	0.0 3.7 0.0
	irs zasher iion of 6,9,12,22) chine	
	irs /as chior	

House A Model SVM Feature Change

0.0000000000000000000000000000000000000
0.0000000000000000000000000000000000000
0.0000000000000000000000000000000000000
0.0000000000000000000000000000000000000
0.00 0.00 0.01 0.01 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0000000000000000000000000000000000000
0.00
0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
0.00
0.0000000000000000000000000000000000000
99.9 0.0 0.0 94.1 99.0 97.4 100.0 93.8 93.8 93.8 99.9 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.1 1.1 1.1 1.1
idle leave house Bating use toilet take shower brush teeth go to bed prepare Breakfast prepare Dinner get snack get snack gut items in dishwasher unload dishwasher store groceries put clothes in washingmachine unload washingmachine receive guest

House A Model SVM Feature Raw

tseug eviecer	0.0000000000000000000000000000000000000
unlosd washingmachine	0.0000000000000000000000000000000000000
put clothes in washingmachine	0.0000000000000000000000000000000000000
seirecorg erots	0.0000000000000000000000000000000000000
19daswasib bsolnu	0.
rəfizwasib ni eməti tuq	0.0000000000000000000000000000000000000
get drink	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
дэвиз 193	000000000000000000000000000000000000000
prepare Dinner	22.2 0.00 0.00 0.00 0.00 0.00 0.00 0.00
prepare Breakfast	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
bed of og	61.7 33.5 0.0 0.0 0.0 119.3 77.6 64.7 660.4 660.4 600.0 0.0 0.0 0.0 0.0 0.0 0.0
hrush teeth	
г зке зромет	0.0000000000000000000000000000000000000
use toilet	000000000000000000000000000000000000000
Eating	000000000000000000000000000000000000000
leave house	28.6 66.5 0.0 0.0 115.7 114.9 114.9 9.5 9.5 0.0 0.0 0.0
əlbi	2 4 4 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
	ide leave house Bathing use toilet take shower brush teeth prepare Breakfast prepare Breakfast get drink get drink unload dishwasher unload dishwasher tore groceries put clothes in washingmachine trockove guest
	kfast ner dishwa asher es n wash
	idle leave house Eating Last case to lite take shower brush teeth go to bed prepare Breakfast prepare Dinner get stanck get drink unload dilwasher store grocories put clothes in washingm
	ide leave hous Eating use toils use toils take shlow brush teet go to brepare Di get snack get drink put items store duink put items store duink put items store duink put clothe mingad dis

House A Model SVM Feature Last

receive guest	0.0000000000000000000000000000000000000
unlosd washingmachine	0.0000000000000000000000000000000000000
put clothes in washingmachine	0.0000000000000000000000000000000000000
series groceries	0.0000000000000000000000000000000000000
rəfishwasher	0.0000000000000000000000000000000000000
put items in dishwasher	0.0000000000000000000000000000000000000
get drink	0.0000000000000000000000000000000000000
get snack	0.0000000000000000000000000000000000000
ртерате Dinner	0.0000000000000000000000000000000000000
prepare Breakfast	0.0000000000000000000000000000000000000
pəq o; og	7.0 0.0 0.0 20.1 20.1 1.2 1.2 1.2 0.0 0.0 0.0 0.0 0.0 0.0
brush teeth	0.0000000000000000000000000000000000000
таке зромет	000000000000000000000000000000000000000
use toilet	000000000000000000000000000000000000000
Eating	000000000000000000000000000000000000000
језле ролге	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
əlbi	86.3 0.11 0.0 0.14 0.49 0.49 0.40 0.00 0.00 0.00 0.00 0.0
	idle Earth de leave house Earth gene take shower brush teeth go to bed prepare Breakfast prepare Dinner get snack get drink put items in dishwasher store groceries put clothes in washingmachine receive guest

House C Model SVM Feature Change

relax	
read paper	
матср т	
receive guest	
enidzsmaningmed w beolnu	
put clothes in washingmachine	
Grooming (Collection of 6,9,12,22)	
series groceries	
rədaswaib baolnu	
rəfashwa in dishwasher	
get drink	
get snack	
ртераге Dinner	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
ьтераге Lunch	
prepare Breakfast	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
take medication	
bessetb teg	0.0000000000000000000000000000000000000
go to bed	0.0000000000000000000000000000000000000
элвүг	0.0000000000000000000000000000000000000
take bath	
aristagu təliot əsu	
prush teeth	0.0000000000000000000000000000000000000
ұя <i>к</i> е зромет	000000000000000000000000000000000000000
use toilet downstairs	
Bating	
језле џолге	99.0 100.0 99.3 97.3 94.9 94.9 94.9 95.0 95.0 96.7 96.7 96.7 96.7 96.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
idle	0.00 0.00
	downstairs br h upstairs cation reakfast inch inner in dishwasher eries (Collection of 6.9,12,22) s in washingmachine est

Unknown

House C Model SVM Feature Raw

теіах	3.5 0.0 12.6 4.2 11.7	0.2 0.0 0.0	0.0	0.0	6.7	4.1 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0
read paper							0.0000000000000000000000000000000000000
watch tv							0.0000000000000000000000000000000000000
receive guest							0.000000000
ənidəsmaningmachine	0.0000000000000000000000000000000000000	0.0	0.0	0.0	0.0	0.0	0.00000000
put clothes in washingmachine	0.0000	0.0	0.0	0.0	0.00	0.0	0000000000
Grooming (Collection of 6,9,12,22)	0.0 0.0 0.0 0.0 0.0	0.0	0.0	0.0	0.0	0.0	0.0000000000000000000000000000000000000
səirəsorg ərots	0.0	0.0	0.0	0.0	0.0	0.0	0.000000000
unload dishwasher	0.0000	0.0	0.0	0.0	0.0	0.0	0000000000
put items in dishwasher	0.0000000000000000000000000000000000000	0.0	0.0	0.0	0.0	0.0	0.000000000
get drink	0.0000000000000000000000000000000000000	0.0	0.0	0.0	0.00	0.0	0000000000
Еср гияск	0.0000	0.0	0.0	0.0	0.0	0.0	0.00000000
prepare Dinner	0.0 1.4 0.0 0.0 0.0	0.0	0.0	0.0	0.5	0.00	000000000000000000000000000000000000000
brepare Lunch	0.0000	0.0	0.0	0.0	0.0	0.0	0.000000000
prepare Breakfast	0.00000	0.0	0.0	0.0	0.0 4.0	0.0	0.0.0.0.0.0.0
take medication	0.0000	0.0	0.0	0.0	0.00	0.0	0.0.0.0.0.0.0
get dressed	0.00000	0.0	0.0	0.0	0.00	0.0	0.0000000000000000000000000000000000000
go to bed	25.3 32.0 13.4 46.5 42.6	29.9 32.9 0.0	31.6 41.0 48.9	29.0	19.7 32.6	18.2	98.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
грале	0.0000	0.0	0.0	0.0	0.0	0.0	0.00000000
ұзқе ряұ <u>р</u>	0.0000	0.0	0.0	0.0	0.0	0.0	0000000000
use toilet upstairs	0.0	0.0	0.0	0.0	0.0	0.0	0.0.0.0.0.0.0
brush teeth	0.0000	0.0	0.0	0.0	0.0	0.0	0.0.0.0.0.0.0.0
take shower	0.0000	0.0	0.0	0.0	0.00	0.0	0000000000
aristanwob təliot əsu	0.0	0.0	0.0	0.0	8.0	0.0	0.0000000000000000000000000000000000000
Eating	0.00000	0.0	0.0	0.0	0.0	0.0	0000000000
јевле µолге	70.1 67.9 69.8 43.8 45.5	66.6 62.1 0.0			68.7 58.7 8	68.9 0.0 0.0	0.0 0.0 0.0 0.0 0.0 4 40.8
əlbi	0.0 0.0 7.4 0.0	2.7	0 4 6 184	6.2	0.0	8.6	0.00 0.
	ownstairs	pstairs		ution sakfast	nen iner	ı dishwasher washer	collection of 6.9,12,22) in washingmachine ingmachine it

House C Model SVM Feature Last

relax	51.9 13.1 13.1 18.7 18.7 10.5 10.5 10.6 10.6 10.6 10.0 10.0 10.0 10.0 10.0
read paper	
và doisw	
receive guest	
ənidəsmgnidasw bsolnu	
put clothes in washingmachine	
(CC,21,6,8 to noitedlection of 6,9,12,22)	
səirəəorg ərota	
tənəs dishwashet	
put items in dishwasher	
get drink	
Вер вияск	
ргераге Dinner	8.00 8.10 8.10 8.10 8.10 8.11 8.11 8.11
ргераге Ьипсћ	
prepare Breakfast	
tske medication	
gesset dressed	8.00000114.1000044 0.0000114.1000044 0.000000000000000000000000000000
go to bed	4.00 0.00
элеца	7.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.00
гэке рагр	0.0000000000000000000000000000000000000
use toilet upstairs	
рылгр teeth	
гзке громет	800000400040000000000000000000000000000
use toilet downstairs	
Eating	
leave house	
	8 8 0 11 0 0 4 0 0 8 0 1 0 0 4 1 1 4 0 0 0 0 0 0 0 0 0 0 0 0
əlbi	31.1 1.15 0.04.2 0.05
	airs s washer rt ction of 6,9,12,22) shingmachine

House A Model SSVM Feature Change

receive guest	0.0000000000000000000000000000000000000
unlosd washingmachine	0.0000000000000000000000000000000000000
put clothes in washingmachine	0.0000000000000000000000000000000000000
seirecorg erots	0.0000000000000000000000000000000000000
19daswasib baolnu	0.
put items in dishwasher	0.0000000000000000000000000000000000000
get drink	0.0000000000000000000000000000000000000
get snack	0.0000000000000000000000000000000000000
ргераге Dinner	0.0000000000000000000000000000000000000
prepare Breakfast	0.0000000000000000000000000000000000000
go to bed	0.0000000000000000000000000000000000000
brush teeth	0.0000000000000000000000000000000000000
take shower	000000000000000000000000000000000000000
nse toilet	0.0000000000000000000000000000000000000
Bating	0.0000000000000000000000000000000000000
јевле ролге	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
əlbi	0.0000000000000000000000000000000000000
	idle leave house Bating use toilet take shower brush teeth go to bed prepare Breakfast prepare Dinner get stanck get drink put items in dishwasher store groceries put clothes in washingmachine unload daswashar store groceries guest graceries guest graceries guest graceries guest graceries guest graceries guest graceries

House A Model SSVM Feature Raw

1	
receive guest	000000000000000000000000000000000000000
anilosa washingmachine	
put clothes in washingmachine	0.0000000000000000000000000000000000000
seires groceries	0.0000000000000000000000000000000000000
19daswdaib bsolnu	0.0000000000000000000000000000000000000
put items in dishwasher	0.0000000000000000000000000000000000000
get drink	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
get snack	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
тэппіс Этерэте	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
prepare Breakfast	0.0000000000000000000000000000000000000
bed of og	40.1 19.6 0.0 49.8 50.3 112.4 112.4 55.6 52.9 61.4 0.0 0.0 0.0
brush teeth	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
take shower	0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
use toilet	0.2 0.3 1.8 0.1 1.8 0.1 1.4 1.4 0.0 0.0 0.0 0.0 0.0 0.0
Bating	0.0000000000000000000000000000000000000
јевле ponze	46.1 80.0 10.0 41.7 43.4 79.6 38.0 38.2 20.7 0.0 0.0 0.0
əlbi	13.5 0.1 0.1 7.3 6.8 6.8 6.3 1.6 0.0 0.0 0.0 0.0
	idle Bating use toilet take shower brush teeth group bread prepare Breakfast prepare Breakfast prepare Dinner prepare Bring get snack get finink put tierns in dishwasher store groceries put clothes in washingmachine unload washingmachine receive guest

House A Model SSVM Feature Last

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.0	0.0	0.0	0.0	0.0	1.3	0.0	0.2	5.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.7	0.0	0.0	8	0.0	4.6	93.2	1.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	7.7	0.0	3.0	2.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.7	6.66	0.0	0.5	0.1	6.2	0.0	0.0	0.0	1.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0
85.0	0.1	0.0	86.0	99.9	85.0	4.7	98.6	94.7	98.0	97.2	0.0	0.0	0.0	0.0	0.0	0.0
-				-			-	-	-	-				ine		
											her			ngmach	ine	
							fast	er.			lishwas	sher	90	washir	ngmach	
	onse		let	lower	teeth	pec	e Break	e Dinne	ack	ink	ms in c	dishwe	rocerie	othes in	washir	receive guest
idle	Ze P	ing	toi	e sł	sh	50 P	par	par	sns	dri	ite	bad	9	$^{\rm cl}$	bad	eive
	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 99.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	as: 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	83.0 98.7 0.0 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	use $0.10 \ 0.11 \ 0.10 \ 0.1$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	use 0.1 $^{\circ}$ 0.1 $^{\circ}$ 0.2 $^{\circ}$ 0.2 $^{\circ}$ 0.3 $^{\circ}$ 0.3 $^{\circ}$ 0.3 $^{\circ}$ 0.3 $^{\circ}$ 0.4 $^{\circ}$ 0.5 $^$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	te 0.1 95.3 95.4 0.0 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	se 0.1 99.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	se 0.1 9.5 9.7 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	se 0.1 99.9 0.0 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	se 0.1 9.5 9.6 9.7 9.0 1.0 9.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	se 0.1 99.9 0.1 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

House C Model SSVM Feature Change

relax	0.00000	0.0000	0.000000	0.00000000000
read paper	0.00000	0.0000	0.000000	0.0000000000000000000000000000000000000
watch tv	0.00000	0.0000	0000000	0.0000000000000000000000000000000000000
receive guest	0.00000	0.0000	0.0000000	0.0000000000000000000000000000000000000
enidəsmaningmasını	0.00000	0.0	0.0000000	0.0000000000000000000000000000000000000
put clothes in washingmachine	0.00000	0.0000	0.000000	0.0000000000000000000000000000000000000
(22,21,6,8 to noitselfoD) garimoorD	0.00000	0.0	0.0000000	0.0000000000000000000000000000000000000
səirəəorg ərota	0.00000	0.0	0.0000000	0.0000000000000000000000000000000000000
təfaswasib bsolnu	0.00000	0.0000	0.000000	0.0000000000000000000000000000000000000
rəfizwizib ni sməti tuq	0.00000	0.0000	0.000000	0.0000000000000000000000000000000000000
get drink	0.00000	0.0000	0.0000000	0.0000000000000000000000000000000000000
дец зыясқ	0.00000	0 0 0 0 0	0.000000	0.0000000000000000000000000000000000000
тэппіс Этерате	0.00000	00000	0 0 0 0 0 0	0.0000000000000000000000000000000000000
ргераге Ьипсһ	0.00000	0.0000	0.0000000	0.0000000000000000000000000000000000000
brepare Breakfast	0.00000	0.0000	0.0000000	0.0000000000000000000000000000000000000
take medication	0.00000	0.0000	0.0 4.0 0.0 0.0 0.0	0.0000000000000000000000000000000000000
get dressed	0.00000	0.0000	0.0000000	0.0000000000000000000000000000000000000
go to bed	0.0000000000000000000000000000000000000	0.0	0.0000000000000000000000000000000000000	0.0000000000000000000000000000000000000
враче	0.00000	0.0000	0.0.0.0.0.0	0.0000000000000000000000000000000000000
fiske bath				0.0000000000000000000000000000000000000
sristagu təliot əsu	0.0.0.0.0	0.0000	0.0.0.0.0.0	0.0000000000000000000000000000000000000
dtəət derid				0.0000000000000000000000000000000000000
take shower	0.00	0.0	10000000	0.0000000000000000000000000000000000000
stistsnwob teliot esu	0.00000	0.0000	0.0.0.0.0.0	0.0000000000000000000000000000000000000
Esting	0.00000	0.0000	0.0.0.0.0.0	0.0000000000000000000000000000000000000
leave house	99.5 100.0 99.8 99.9 91.7	93.1 0.0 97.4 96.6	5.00 0.00 0.00 0.00 0.00 0.00	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
əlbi		25		
	0.0 0.0 0.0 1.0 5.8	1 + 0 + 0 6	200000 200000 200000	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
	ownstairs	pstairs	ation akfast ach ner	n dishvasher washer ites Collection of 6,9,12,22) in washingmachine st

House C Model SSVM Feature Raw

relax	1 4 4 8 1 1 1 8 8 1 2 2 2 2 2 2 2 2 2 2 2 2 2	0.0
read paper		0.0
мағср ұл		0.0
receive guest		0.0
unlosd washingmachine		0.0
put clothes in washingmachine	0.0000000000000000000000000000000000000	0.0
(Collection of 6,912,22)		0.0
seires groceries		0.0
unload dishwasher		0.0
put items in dishwasher		0.0
get drink		0.0
get snack		0.0
prepare Dinner	000100000000000000000000000000000000000	0.0
brepare Lunch		0.0
prepare Breakfast		0.0
take medication		0.0
get dressed		0.0
pəq o; og	222 14.4.1 14.4.1 10.0 10.	0.0
грялс	000000000000000000000000000000000000000	0.0
ұзқе ряұр		0.0
use toilet upstairs	40000000000000000000000000000000000000	0.0
brush teeth		0.0
таке shower	0.0000000000000000000000000000000000000	0.0
use toilet downstairs		0.0
gnits A		0.0
језле џолге	0.00 0.44	0.0
əlbi	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	0.0
	rnstairs tairs on this ar lishwasher sher sher washingmachine ngmachine	

House C Model SSVM Feature Last

relax	000000000000000000000000000000000000000
read paper	
watch tv	
receive guest	
əninəsməninəsw bsolnu	
put clothes in washingmachine	
(\$2,\$1,\$6,8 to noitedlo(\$) gaimoor(\$)	
store groceries	
rəfizwizib bsolnu	
put items in dishwasher	
get drink	
get snack	
тэпппет Білппет	8.2 7.7.1 7.7.
ргераге Ьипсһ	
prepare Breakfast	
take medication	
gessetb teg	
go to bed	4.000000000000000000000000000000000000
груго	
	4.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0
ұзқе рэұ р	
sristsqu teliot esu	
pınsp teeth	000000000000000000000000000000000000000
ұзқе громет	1.18 2.25
sristanwob teliot esu	
gnitsA	
јевле џолге	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 9
əſbi	\$25.50 \$1.50 \$2.50 \$
	,12,22) ine
	airs an ast shwasher i.ection of 6,9,12,22) washingmachine gmachine
	istairs airs an airs shwasher iher lection of washingm

House A Model CRF Feature Change

tseeive guest	0.0000000000000000000000000000000000000
unlosd washingmachine	0.0000000000000000000000000000000000000
put clothes in washingmachine	0.0000000000000000000000000000000000000
seires groceries	0.0000000000000000000000000000000000000
rəfisawasib bsolnu	0.0000000000000000000000000000000000000
put items in dishwasher	0.0000000000000000000000000000000000000
get drink	0.0000000000000000000000000000000000000
get snack	0.00
prepare Dinner	0.0000000000000000000000000000000000000
prepare Breakfast	0.0000000000000000000000000000000000000
go to bed	100.0 0.0 0.0 100.0 100.0 100.0 100.0 100.0 100.0 0.0
brush teeth	0.0000000000000000000000000000000000000
таке зһоwет	0.0000000000000000000000000000000000000
use toilet	0.00
Bating	0.00
leave house	0.0000000000000000000000000000000000000
əlbi	0.0000000000000000000000000000000000000
	idle leave house Bating use toilet take shower brush teeth go to bed prepare Breakfast prepare Dinner get snack get drink put items in dishwasher store groceries put collete in washingmachine unload dishwasher store groceries store groceries store groceries store groceries tore groceries tore groceries store groceries tore groceries tore groceries

House A Model CRF Feature Raw

I	
receive guest	
unload washingmachine	000000000000000000000000000000000000000
put clothes in washingmachine	0.0000000000000000000000000000000000000
series groceries	0.0000000000000000000000000000000000000
nnload dishwasher	0.0000000000000000000000000000000000000
refishwasher in the same of the refined in the refi	0.0000000000000000000000000000000000000
get drink	0.0000000000000000000000000000000000000
get snack	0.0000000000000000000000000000000000000
ргераге Dinner	000000000000000000000000000000000000000
prepare Breakfast	0.0000000000000000000000000000000000000
go to bed	61.7 33.5 33.5 33.5 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0
brush teeth	0.0000000000000000000000000000000000000
ұзқе зромет	0.0000000000000000000000000000000000000
use toilet	0.0000000000000000000000000000000000000
gnitse	0.0000000000000000000000000000000000000
јевле ponze	28.8 66.5 10.0 10.0 11.9 14.9 14.9 112.2 113.9 113.9 115.2 0.0 0.0 0.0
əlbi	4.0000880000000000000000000000000000000
	idle Easte house Eating take shower bursh teeth go to bed prepare Breakfast prepare Dinner get stanck get drink unload dishwasher store groceries put clothes in washingmachine unload dashwasher store groceries put clothes in washingmachine unload washingmachine put clothes in washingmachine unload washingmachine

House A Model CRF Feature Last

receive guest	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
anilosa washingmachine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
put clothes in washingmachine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
series groceries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19daswasib bsolnu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
put items in dishwasher	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
get drink	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
£6£ гияск	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
тэппіс Біппет	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
prepare Breakfast	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
go to bed	2.7	0.0	2.5	0.0	0.0	5.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
brush teeth	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
таке shower	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
teliot esu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
leave house	6.7	0.0	0.0	0.1	6.2	0.0	0.0	0.0	1.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0
əlbi	90.6	- 0	7.3	6.6	3.8	7.4	8.6	6.6	00	7.3	0.0	0.0	0.0	0.0	0.0	0.0
	6		6	6	6	6	6	6	6	6						
														chine		
											her			agma	ine	
							st				hwas	rer		rashin	mach	
		5)		H	-		eakfa	nner			n dis	wash	ries	inw	hingi	st
	0 0	nouse	ilet	howe	teetl	peq	re Br	re Dio	ack	ink	ems i	dist	groce	othes	1 was	e gue
	idle	eave nouse	Eating use toilet	ake shower	brush teeth	go to bed	prepare Breakfast	prepare Dinner	get snack	get drink	put items in dishwasher	unload dishwasher	store groceries	put clothes in washingmachine	unload washingmachine	receive guest
	-= -	_ µ	4 3	نب	Ф	c. 0	Ľ,	ш	O.O	a 0	L,	Þ	00	Д	2	'n

House C Model CRF Feature Change

тејах	0.00000	0.00000	0.0000000	
read paper	0 0 0 0 0 0	0.0000	0 0 0 0 0 0	000000000000000000000000000000000000000
vatch tv	0.00000	0.0000	0 0 0 0 0 0	000000000000000000000000000000000000000
гесеіvе guest	0.00000	0.0000	0.0000000	000000000000000000000000000000000000000
enidəsmaning mashine	0.00000	0.0000	0.0000000	000000000000000000000000000000000000000
put clothes in washingmachine	000000	000000	0 0 0 0 0 0	
Grooming (Collection of 6,9,12,22)	0.00000	0.0000	0.00000000	
səirəsorg ərots	0.00000	0.00000	0.0000000	000000000000000000000000000000000000000
rəfaswasib baolnu	0.00000	0.0000	0 0 0 0 0 0	0.0000000000000000000000000000000000000
put items in dishwasher	000000	0.00000	0 0 0 0 0 0	
get drink	0.00000	0.00000	0.0000000	000000000000000000000000000000000000000
get snack	0.00000	0.00000	0.0000000	000000000000000000000000000000000000000
тэпппет Dinner	000000	000000	0000000	000000000000000000000000000000000000000
ргераге Ьипсһ	0.00000	0.00000	0.0000000	000000000000000000000000000000000000000
prepare Breakfast	0.00000	0.0000	0.0000000	0.0000000000000000000000000000000000000
tske medicstion	0.00000	0.0000	0000000	0.0000000000000000000000000000000000000
get dressed	000000	0.0000	0 0 0 0 0 0	
go to bed	0.00000	2.0 0.0 10.2 0.0	0.0.0.0.0.0	000000000000000000000000000000000000000
зряче	0.00000	0.00000	0.0000000	000000000000000000000000000000000000000
ұзқе раұр	000000	000000	00000000	000000000000000000000000000000000000000
aristaqu təliot əsu	0.00000	0.0000	0.0000000	000000000000000000000000000000000000000
brush teeth	0.00000		0.0.0.0.0.0	
ұзқе зромет	0.00000	0.0000	0000000	000000000000000000000000000000000000000
sriasarwob teliot esu	0.00000	0.0000	0.0000000	000000000000000000000000000000000000000
gniteA	0.00000	0.0000	0.0000000	
језле џолге	100.0 100.0 100.0 100.0	98.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0 100.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 100.0
idle	000000	9.4		
				_
	ownstairs	pstairs	ation aakfast nch iner n dishwasher	washer washer close close in washingmachine ingmachine it
	, o	s d	ation sakfa nch nner	twas ries Coll in v hing st

House C Model CRF Feature Raw

		-
relax	1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0
read paper		0.0
va tobs		0.0
receive guest		0.0
unload washingmachine		0.0
put clothes in washingmachine		0.0
Grooming (Collection of 6,9,12,22)		0.0
store groceries		0.0
unload dishwasher		0.0
put items in dishwasher		0.0
get drink		0.0
get snack		0.0
ргераге Dinner		0.0
ььераге Lunch		0.0
brepare Breakfast		0.0
take medication		0.0
get dressed		0.0
go to bed	$\begin{array}{c} \textbf{1.1} \\ \textbf{2.1} \\ 2.1$	0.0
гряле		0.0
ғяқе ря ғр		
sristagu təliot əsu		0.0
prush teeth		0.0
ұзқе зуомет		0.0
aristanwob teliot eau		0.0
gnitsA		0.0
јевле ponze		35.9
əlbi	$\begin{array}{c} 36.12\\ 2.48.88\\ 2.48.88\\ 2.48.88\\ 3.00\\ 3$	0.0
	,9,12,2	
	her n of 6 ngmac	
	ristairs tairs on fast in string sher sher sher sher sher sher sher sher	
	y by a magnig	

Unknown

House C Model CRF Feature Last

relax	0.00000		0.00000	0.0	0.0000000000000000000000000000000000000
read paper	0.0000000000000000000000000000000000000	000000	0.00000	0.0	0.0000000000000000000000000000000000000
матсh ту	0.0000000000000000000000000000000000000	000000	0.0000	0.0	0.0000000000000000000000000000000000000
receive guest	0.00000	000000	0.00000	0.0	0.0000000000000000000000000000000000000
anidas washingmachine	0.00000	000000	0.00000	0.0	0.0000000000000000000000000000000000000
put clothes in washingmachine	0.00000		0.0000	0.0	0.0000000000000000000000000000000000000
Grooming (Collection of 6,9,12,22)	0.00000		0.00000	0.0	0.000000000
store groceries	0.00000		0.00000	0.0	0.0000000000000000000000000000000000000
unload dishwasher	0.00000	000000	0.00000	0.0	0.0000000000000000000000000000000000000
rems in dishwasher	0.00000		0.00000	0.0	0.0000000000000000000000000000000000000
get drink	0.00000	000000	0.00000	0.0	0.0000000000000000000000000000000000000
get snack	0.00000	000000	0.00000	0.0	0.0000000000000000000000000000000000000
ргераге Dinner	0.00000	000000	000000	0.0	0.0000000000000000000000000000000000000
ььераге Гипсћ	0.00000	000000	0.00000	0.0	0.0000000000000000000000000000000000000
brepare Breakfast	0.00000		0.00000	0.0	0.0000000000000000000000000000000000000
take medication	0.0000		000000	0.0	0.0000000000000000000000000000000000000
get dressed	0.0000		0.00000	0.0	0.0000000000000000000000000000000000000
go to bed	4.0 0.0 0.0 3.5	255.9 0.0 0.0 4.0 0.0	0.0	0.0	0.0000000000000000000000000000000000000
элвиз	0.00000		0.00000	0.0	0.0000000000
ғақе рағр	000000		0.00000	0.0	0000000000
aristaqu təliot əsu	0.00000		0.00000	0.0	0.0000000000000000000000000000000000000
prush teeth	0.00000		0.00000		0.0000000000000000000000000000000000000
tske spower	0.00000	0000000	000000	0.0	0.0000000000000000000000000000000000000
aristamob teliot ezu	0.0000		0.0000	0.0	0.0000000000000000000000000000000000000
Bating	0.00000		0.00000	0.0	0.0000000000000000000000000000000000000
јевле ролге	7.9 86.2 0.2 11.3 0.0	2.40 0.0 1.0 0	0.0 4.4 0.9 2.1 0.0	0.0	0.0000000000000000000000000000000000000
idle	91.6 13.8 99.8 88.7 96.5	.000380 .000380 .000380	95.6 95.6 99.1 97.9	0.00	0.0 100.0 0.0 0.0 0.0 0.0 99.7
	wnstairs	stairs	kfast sh ler	dishwasher asher	ollection of 6.9.12.22) n washingmachine ingmachine

Unknown

House A Model NB Feature Change

1	1
receive guest	0.0000000000000000000000000000000000000
anlosa washingmachine	
put clothes in washingmachine	0.0000000000000000000000000000000000000
store groceries	0.0000000000000000000000000000000000000
rəfisawasib baolnu	0.0000000000000000000000000000000000000
put items in dishwasher	0.0000000000000000000000000000000000000
get drink	000000000000000000000000000000000000000
Ест зияск	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
ргерате Dinner	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
prepare Breakfast	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
go to bed	0.0000000000000000000000000000000000000
dieeth	0.0000000000000000000000000000000000000
tske shower	000000000000000000000000000000000000000
teliot esu	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
Eating	0.0000000000000000000000000000000000000
јевус поизе	99.9 100.0 100.0 100.0 100.0 93.8 93.1 93.1 90.6 00.0 00.0
idle	0.0000000000000000000000000000000000000
	idle leave house Esting use toilet take shower brush teeth go to bed prepare Breakfast prepare Dinner get snack unload dishwasher store groceries put clothes in washingmachine unload daswasher put clothes in washingmachine receive guest
	idle leave Eati use take brus go t prep prep get t get t get t unlo storro put unlo

House A Model NB Feature Raw

0.0000000000000000000000000000000000000
0.0000000000000000000000000000000000000
0.0000000000000000000000000000000000000
0.0000000000000000000000000000000000000
0.0 0.0 0.0 0.0 0.0 0.0 0.1 12.6 0.0 0.0 0.0
0.0000000000000000000000000000000000000
0.0000000000000000000000000000000000000
0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
69.3 31.8 0.0 0.0 0.0 774.4 773.6 85.1 770.4 777.5 61.0 0.0 0.0
000000000000000000000000000000000000000
0.0004.00000000000000000000000000000000
0.0000000000000000000000000000000000000
29.4 68.2 0.0 0.0 2.3.6 14.9 14.9 11.1 0.0 0.0 0.0 0.0
11.00.00.00.00.00.00.00.00.00.00.00.00.0
idle leave house Eating use toilet take shower brush teeth go to bed prepare Breakfast prepare Dinner get snack gut items in dishwasher unload dishwasher store groceries put clothes in washingmachine unload dawashingmachine receive guest

House A Model NB Feature Last

receive guest	0.0000000000000000000000000000000000000
enidasmashingmachine	0.0000000000000000000000000000000000000
put clothes in washingmachine	0.0000000000000000000000000000000000000
series groceries	0.0000000000000000000000000000000000000
nnload dishwasher	0.0000000000000000000000000000000000000
rehaswasib ni smeti tuq	0.0000000000000000000000000000000000000
get drink	0.0000000000000000000000000000000000000
Ret snack	0.0000000000000000000000000000000000000
ргераге Dinner	
prepare Breakfast	0.0000000000000000000000000000000000000
go to bed	7.0 0.0 20.9 0.0 9.5.7 1.2 1.2 0.0 0.0 0.0 0.0 0.0
brush teeth	0.0000000000000000000000000000000000000
таке shower	0.0000000000000000000000000000000000000
təliot əsu	000000000000000000000000000000000000000
Bating	0.0000000000000000000000000000000000000
јевле ролге	6.7 999.9 0.0 0.0 0.1 5.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0
əlbi	86.1 0.1 0.1 0.1 77.8 85.0 85.0 4.3 100.0 98.1 98.1 96.9 0.0 0.0 0.0 0.0
	idle leave house Eating use toilet take shower brush teeth go to bed prepare Breakfast prepare Briner get snack get drink put items in dishwasher store groceries put clothes in washingmachine unload dawshingmachine receive guest

House C Model NB Feature Change

пкпомп	
relax	
read paper	
watch tv	
receive guest	
anidəsmarindəsw bsoluu	
put clothes in washingmachine	
(S2,21,6,8 to noitoelloD) gaimoorD	
seires groceries	
rəhaswasib bsolnu	
put items in dishwasher	
get drink	
Ест snack	
prepare Dinner	0.00 0.00
ькераге Ьипсћ	
prepare Breakfast	
take medication	
get dressed	
go to bed	
грум.	
аже рағр	00000000000000000000000000000000000000
brush teeth use toilet upstairs	
гуке громет	
use toilet downstairs	
Baring	
јевле ролзе	98.9 98.0 98.0 98.0 99.0
əlbi	00000000000000000000000000000000000000
	e downstairs h the parties at a cast fast in dishwasher the hwasher (Collection of 6,9,12,22) sin washingmachine est
	down: upsta dostin cation reakfa innch inner in dis rheas reak (Coll s in vas

House C Model NB Feature Raw

тегах	1 8 8 4 8 0 8 0 0 0 0 8 8 8 8 8 8 8 6 6 6 6 6 6
	1.4 4 4 1.0 1.4 4 4.0 1.0 1.4 4 4.0 1.0 1.4 4.0 1.0 1.4 4.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1
read paper	
watch tv	
receive guest	
ənidəsmgnidssw bsolnu	
put clothes in washingmachine	000000000000000000000000000000000000000
(CC, L1, 6, 8 to noitedlection) gainmoord	
səirəsorg ərotz	
1948. adishwasher	
rəfaswasib ni sməti tuq	
Апіть зэд	
£6£ гласк	
ртерате Dinner	000000000000000000000000000000000000000
ргераге <i>Lunch</i>	
prepare Breakfast	
take medication	
get dressed	
go to bed	2.2.2.2.3.4.6.6.4.6.6.6.6.6.6.6.6.6.6.6.6.6.6.6
граус	
take bath	
sristagu təliot əsu	000000000000000000000000000000000000000
dteeth	000000000000000000000000000000000000000
føke shower	
aristanwob təliot əau	
BuiteH	
јевле џолге	
əlbi	45
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	nstairs airs n ast . shwasher sher lection of 6,9,12,22) washingmachine

House C Model NB Feature Last

relax	51.9	13.0	19.2	20.2	10.3	0.0	7.8	0.0	0.0	5.1	7.0	3.9	34.5	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.9	0.0
read paper	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
vatch tv	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
гесеіvе guest	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
anidasmaningen beolnu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
put clothes in washingmachine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Grooming (Collection of 6,9,12,22)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
store groceries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
rəfizwasher	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0 0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
put items in dishwasher	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
get drink	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
get snack	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ргераге Dinner	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	3.5	22.2	18.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
ргераге Lunch	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
prepare Breakfast	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
take medication	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
get dressed	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	7.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
go to bed	0.4	0.0	0.0	3.5	24.6	0.0	0.0	98.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
эрвиг	0.7	0.0	0.0	2 6	6.0	0.0	8.5	0.1	2 12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
take bath		0.0																						
sristegu təliot əsu		0.0																						
brush teeth		0.0				-	_	_			_	-										_	_	_
<i>ұз</i> ке громет		0.0																						
sristamwob təfiot əsu																								
		0.0																						
Hating		0.0																						
јевле ропзе	9.1	86.8	10.1	0.6	4.7	0.0	4.6	₽ 7	68.0	0.1	6.7	6.5	8:0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
idle	34.3	13.3	33.1	31.0	54.3	0.0	9.0	9.0	31.2	85.7	82.2	8.99	45.6	70.5	0.0	0.0	0.0	89.1	0.0	0.0	0.0	0.0	2.1	0.0
																	2.23)	,						
															10		ion of 6.9.12.22)	hingmachine	е					
			irs												asner		tion	hing	chine					