

Sheet1

Allocation	Observation	Inference
FiniteHMM	Gauss	VB
FiniteHMM	Gauss	VB
FiniteHMM	Gauss	VB
FiniteHMM	Gauss	VB
FiniteHMM	Gauss	VB
FiniteHMM	Gauss	VB
FiniteHMM	Gauss	VB
FiniteHMM	Gauss	memoVB
FiniteHMM	Gauss	memoVB
FiniteHMM	Gauss	memoVB
FiniteHMM	Gauss	memoVB
FiniteHMM	Gauss	memoVB
FiniteHMM	Gauss	memoVB
FiniteHMM	Gauss	memoVB
FiniteHMM	AutoRegGauss	VB
FiniteHMM	AutoRegGauss	VB
FiniteHMM	AutoRegGauss	VB
FiniteHMM	AutoRegGauss	VB
FiniteHMM	AutoRegGauss	VB
FiniteHMM	AutoRegGauss	VB
FiniteHMM	AutoRegGauss	VB
FiniteHMM	AutoRegGauss	memoVB
FiniteHMM	AutoRegGauss	memoVB
FiniteHMM	AutoRegGauss	memoVB
FiniteHMM	AutoRegGauss	memoVB
FiniteHMM	AutoRegGauss	memoVB
FiniteHMM	AutoRegGauss	memoVB
HDPHMM	Gauss	VB
HDPHMM	Gauss	VB
HDPHMM	Gauss	VB
HDPHMM	Gauss	VB
HDPHMM	Gauss	VB
HDPHMM	Gauss	VB
HDPHMM	Gauss	VB
HDPHMM	Gauss	memoVB
HDPHMM	Gauss	memoVB
HDPHMM	Gauss	memoVB
HDPHMM	Gauss	memoVB
HDPHMM	Gauss	memoVB
HDPHMM	Gauss	memoVB
HDPHMM	AutoRegGauss	VB
HDPHMM	AutoRegGauss	VB
HDPHMM	AutoRegGauss	VB
HDPHMM	AutoRegGauss	VB
HDPHMM	AutoRegGauss	VB
HDPHMM	AutoRegGauss	VB
HDPHMM	AutoRegGauss	memoVB
HDPHMM	AutoRegGauss	memoVB
HDPHMM	AutoRegGauss	memoVB
HDPHMM	AutoRegGauss	memoVB

Sheet1

HDPHMM
HDPHMM
HDPHMM

AutoRegGauss
AutoRegGauss
AutoRegGauss

memoVB
memoVB
memoVB

Sheet1

train_size	Status	precision	recall	F1score	accuracy
0.9	Y	0.981	0.981	0.981	0.964
0.8	Y	0.963	0.963	0.963	0.929
0.7	Y	0.963	0.963	0.963	0.929
0.6	Y	0.889	0.889	0.889	0.8
0.5	Y	0.759	0.759	0.759	0.612
0.4	Y	0.815	0.815	0.815	0.688
0.3	Y	0.657	0.657	0.657	0.49
0.9	Y	0.981	0.981	0.981	0.964
0.8	Y	0.954	0.954	0.954	0.912
0.7	Y	0.954	0.954	0.954	0.912
0.6	Y	0.917	0.917	0.917	0.846
0.5	Y	0.889	0.889	0.889	0.8
0.4	Y	0.852	0.852	0.852	0.742
0.3	Y	0.63	0.63	0.63	0.459
0.9	Y	0.972	0.972	0.972	0.946
0.8	Y	0.954	0.954	0.954	0.912
0.7	Y	0.963	0.963	0.963	0.929
0.6	Y	0.926	0.926	0.926	0.862
0.5	Y	0.935	0.935	0.935	0.878
0.4	Y	0.843	0.843	0.843	0.728
0.3	Y	0.648	0.648	0.648	0.479
0.9	Y	0.991	0.991	0.991	0.982
0.8	Y	0.981	0.981	0.981	0.964
0.7	Y	0.954	0.954	0.954	0.912
0.6	Y	0.954	0.954	0.954	0.912
0.5	Y	0.954	0.954	0.954	0.912
0.4	Y	0.87	0.87	0.87	0.77
0.3	Y	0.759	0.759	0.759	0.612
0.9	Y	1	1	1	1
0.8	Y	0.954	0.954	0.954	0.912
0.7	Y	0.935	0.935	0.935	0.878
0.6	Y	0.917	0.917	0.917	0.846
0.5	Y	0.907	0.907	0.907	0.831
0.4	Y	0.685	0.685	0.685	0.521
0.3	Y	0.583	0.583	0.583	0.412
0.9	Y	0.981	0.981	0.981	0.964
0.8	Y	0.954	0.954	0.954	0.912
0.7	Y	0.944	0.944	0.944	0.895
0.6	Y	0.926	0.926	0.926	0.862
0.5	Y	0.731	0.731	0.731	0.577
0.4	Y	0.704	0.704	0.704	0.543
0.3	Y	0.787	0.787	0.787	0.649
0.9	Y	0.972	0.972	0.972	0.946
0.8	Y	0.972	0.972	0.972	0.946
0.7	Y	0.963	0.963	0.963	0.929
0.6	Y	0.954	0.954	0.954	0.912
0.5	Y	0.917	0.917	0.917	0.846
0.4	Y	0.843	0.843	0.843	0.728
0.3	Y	0.657	0.657	0.657	0.49
0.9	Y	0.991	0.991	0.991	0.982
0.8	Y	0.972	0.972	0.972	0.946
0.7	Y	0.981	0.981	0.981	0.964
0.6	Y	0.963	0.963	0.963	0.929

Sheet1

0.5	Y	0.944	0.944	0.944	0.895
0.4	Y	0.889	0.889	0.889	0.8
0.3	Y	0.731	0.731	0.731	0.577

Sheet1

human_collision: 18
human_collision_with_object: 18
tool_collision: 17
no_object: 14
object_slip: 18
wall_collision: 17

