Table 3: Time processing (in seconds)

Model	Dataset	Training Time (s)	Evaluation Time (s)	Total Time (s)
EWC-Fuzzy	PermutedMNIST	320	80	400
	SplitMNIST	330	85	415
	SplitNotMNIST	310	75	385
	SplitFashionMNIST	300	70	370
	SplitCIFAR-10	480	100	580
	NORB	350	90	440
	BigBrother	460	95	555
	iCubWorld28	420	100	520
	Oxford Flowers	695	80	696
	CORe50	762	110	763
	COIL-100	520	105	625
EWC	PermutedMNIST	280	60	340
	SplitMNIST	290	65	355
	SplitNotMNIST	270	55	325
	SplitFashionMNIST	260	50	310
	SplitCIFAR-10	420	95	515
	NORB	300	75	375
	BigBrother	400	85	485
	iCubWorld28	380	90	470
	Oxford Flowers	344	170	418
	CORe50	348	100	422
	COIL-100	470	95	565
GEM	PermutedMNIST	250	70	320
	SplitMNIST	260	75	335
	SplitNotMNIST	240	65	305
	SplitFashionMNIST	230	60	290
	SplitCIFAR-10	410	90	500
	NORB	290	80	370
	BigBrother	400	90	490
	iCubWorld28	380	95	475
	Oxford Flowers	338	175	412
	CORe50	342	205	417
	COIL-100	480	100	580
Replay	PermutedMNIST	280	55	335
	SplitMNIST	290	60	350
	SplitNotMNIST	270	50	320
	SplitFashionMNIST	260	45	305
	SplitCIFAR-10	430	85	515
	NORB	310	70	380
	BigBrother	420	85	505
	iCubWorld28	390	85	475
	Oxford Flowers	906	265	907
	CORe50	934	495	935
	COIL-100	500	90	590