

Supplementary Material for “Efficient Adaptive Incremental Learning for Fruit and Vegetable Classification”

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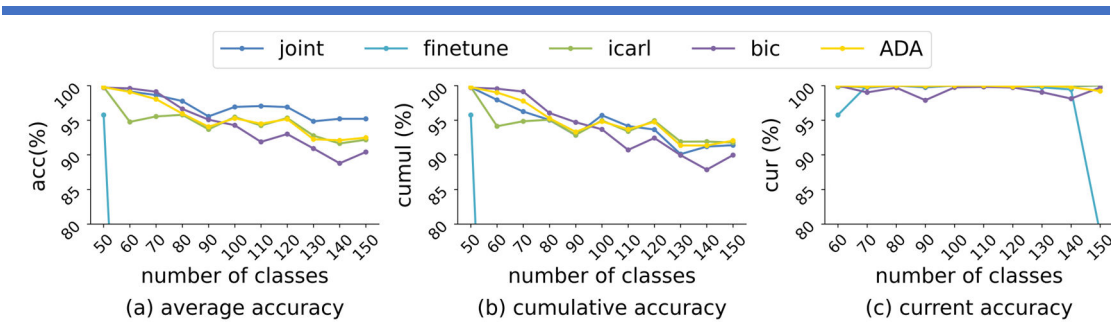


Figure S1. Experimental results for each training phase of ADA-CIL on the FruVeg dataset.

Domain	Category	Image Count
Domain1	cabbages	1136
Domain1	White Radish	999
Domain1	Cantaloupe	1408
Domain1	Apple	1759
Domain1	Pineapple	1657
Domain1	Strawberry	1890
Domain1	Orange	1422
Domain1	Cucumber	1088
Domain1	Scallion	1193
Domain1	Green Bean	1068
Domain1	Banana	2211
Domain1	Choy Sum	1206
Domain1	Hami Melon	588
Domain1	Potherb Mustard	1247
Domain1	Blackcurrant	1804
Domain1	Red Bell Pepper	1233
Domain1	Sweet Potato	1203
Domain1	Sweet Potato Vine	1164
Domain1	Cauliflower	1605
Domain1	Cucumber	1033
Domain1	Yellow Pear	1313
Domain1	Golden Pear	1579
Domain1	Carrot	975
Domain1	Dragon Fruit	2030
Domain1	Water Bamboo	1024

Domain1	Garlic Chive	1176
Domain1	Garlic Chive Flower	1191
Domain1	Water Spinach	1082
Domain1	Bitter Melon	982
Domain1	White Radish	1243
Domain1	Lotus Root	962
Domain1	Wax Apple	1238
Domain1	Durian	1692
Domain1	Lychee	1866
Domain1	Longan	1823
Domain1	Okra	1600
Domain1	Edamame	1121
Domain1	Kiwifruit	1489
Domain1	Lemon	1526
Domain1	Squash	1060
Domain1	Apple	1342
Domain1	Loquat	1780
Domain1	Kiwi	1618
Domain1	Eggplant	1075
Domain1	Celery	1068
Domain1	Green Bell Pepper	1364
Domain1	Green Papaya	1421
Domain1	Green Apple	1430
Domain1	Parsley	980
Domain1	Green Amaranth	1449
Domain1	Ginseng Fruit	1430

Domain1	Crabapple	1479
Domain1	Bok Choy	1305
Domain1	Chinese Yam	1361
Domain1	Ginger	1226
Domain1	Kiwano	2331
Domain1	Cape Gooseberry	799
Domain1	Peach	1436
Domain1	Water Bamboo Shoot	1438
Domain1	Narcissus Mango	1764
Domain1	Loofah	1339
Domain1	String Bean	1249
Domain1	Garlic	1108
Domain1	Garlic Sprout	1157
Domain1	Grape	1376
Domain1	Potato	1308
Domain1	Pea	962
Domain1	Oca	1193
Domain1	Endive	1501
Domain1	Cilantro	1225
Domain1	Shallot	792
Domain1	Shiitake	1467
Domain1	Banana	585
Domain1	Pear	1309
Domain1	Baby Bok Choy	1309
Domain1	Mango	1262
Domain1	Chili	1050

Domain1	Pumpkin	1375
Domain1	Green Bean	1211
Domain1	Potato	1260
Domain1	Watermelon	1284
Domain1	Tomato	1131
Domain1	Gourd	1051
Domain1	Broccoli	1214
Domain1	Snow Pear	1321
Domain1	Onion	1252
Domain1	Bayberry	1229
Domain1	Starfruit	1689
Domain1	Orach	1024
Domain1	Corn	1085
Domain2	Cabbage	46
Domain2	White Radish	41
Domain2	Cantaloupe	63
Domain2	Pineapple	49
Domain2	Strawberry	51
Domain2	Orange	75
Domain2	Cucumber	43
Domain2	Scallion	41
Domain2	Pomegranate	42
Domain2	Banana	47
Domain2	Hami Melon	38
Domain2	Red Bell Pepper	116
Domain2	Sweet Potato	36

Domain2	Cauliflower	40
Domain2	Cucumber	69
Domain2	Garlic Chive	41
Domain2	Bitter Melon	42
Domain2	Lotus Root	62
Domain2	Green Chili	74
Domain2	Pumpkin	41
Domain2	Squash	41
Domain2	Bitter Melon	46
Domain2	Eggplant	76
Domain2	Celery	54
Domain2	Green Bell Pepper	45
Domain2	Green Papaya	61
Domain2	Bok Choy	66
Domain2	Chinese Yam	66
Domain2	Mandarin Orange	88
Domain2	Ginger	83
Domain2	Garlic Sprout	56
Domain2	Potato	101
Domain2	Cilantro	45
Domain2	Banana	60
Domain2	Scallion	46
Domain2	Mango	100
Domain2	Small Pumpkin	46
Domain2	Tomato	51
Domain2	Gourd	49

Domain2	Ya Pear	60
Domain2	Onion	68
Domain2	Green Mango	79
Domain2	Orach	41
Domain2	Taro	42
Domain3	Orange	335
Domain3	Pomegranate	514
Domain3	Blackcurrant	237
Domain3	Dragon Fruit	244
Domain3	Mango	255
Domain3	Kiwifruit	688
Domain3	Apple	282
Domain3	Green Apple	460
Domain3	Pomegranate	222
Domain3	Persimmon	208
Domain3	Peach	267
Domain3	Cantaloupe	268
Domain3	Banana	277
Domain3	Tomato	228
Domain3	Snow Pear	290
Domain3	Starfruit	234

Table S1. Detailed Information of FruVeg Dataset, Including the Number of Images per Category.