## Chances of Interpretable Transfer Learning for Human Activity Recognition in Warehousing -Online Appendix

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Table 1: Duration of each category in the proposed train-validation-test split of the AndyLab dataset in seconds. The train data comprises participants 909, 2275, 3327, 5124, 5319, 5521, and 9266, the validation data participants 8410, 8524, and 9875 and the test data participants 541, 2193, and 5535. The "N/A" category comprises observations where all annotators gave different labels.

(a) G	General	Posture
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	N/A	Standing	Walking	Kneeling	Crouching	Sitting	Lying
Train	15	7675	3401	163	1208	0	0
Validation	2	2984	1354	0	408	0	0
Test	2	2962	1237	3	430	0	0

## (b) Detailed Posture

	N/A	Upright	Bent Forward B	ent Str. Forward	Shoulder Level	Overhead
Train	19	7462	1735	1965	512	769
Validation	9	2849	646	811	94	338
Test	7	2758	673	750	220	226

## (c) Goal-oriented Action

	N/A	Reach	Pick	Place	Release	Carry	Fine Manipulation	Screw Idle
Train	106	767	491	832	678	1075	4333	968 3214
Validation	23	290	186	320	286	483	1503	$360\ 1297$
Test	48	274	190	295	259	340	1600	$415\ 1213$

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Table 2: Weights used to calculate the weighted average of F1-scores (w-F1) on test data of both LARa datasets. All values are given in percent.

	Legs			Legs Upper Body A				Arms	;		Item Pose						
Dataset	Gait Cycle	Step	Standing Still	Upwards	Centered	Downwards	No Motion	Torso Rotation	Right Hand	Left Hand	No Hand	Bulky Unit	Handy Unit	Utility	Cart	Computer	No Item
LARa-IMU LARa-MoCap								$0.17 \\ 0.17$									