Self supervised Learning Torget Model *Pre-text Pre-bound model Hidden data, target task Task observed data, Pretext task knowledge Train network with predicting obtain labels from the data transfer itself by using a the 'semi-automatically' obtained labels 'semi-automatic' process La Evaluation Protocol evaluate the pre-trained representations through fire-tuning and transfer-learning fine-tuning i fine-tune the pre-trained model with an additional task-specific model transfer-learning; train a linear layer for downstream tasks. → Instance & AUSE 等在 * Recent Research trends Contrastive Learning 学考到 智能 Instance 声 地 新 2012 2011) contrastive loss function positive pair 4) prejection head Reature representation & 1882 hi «Representation —> h) regative pair 4 Feature representation's STOTASE data augmentation module. GOL) PIRL, SMCLR, MOCO but unstable training due to moving targets -(use retwork) (negative至 音音) < GIMCLR> JCS < KPIRL> < MOCO> contrastive loss gradient amidanty of gradient P 8kg

use no rentum

to tixnegative samples

huge batch size

of regative

* Recent Research trends: Bootstrapping!

Network 刊H clustering 개程 59611 구可社 212101012111 日本 改造 节结比 出

Deep Cluster.

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