	Full Bilinear	Random Maclaurin	Tensor Sketch	LRBP-I	L
Feature Dim	$c^2 [262K]$	d [10K]	d [10K]	mhw [78K]	m
Feature computation	$O(hwc^2)$	O(hwcd)	$O(hw(c + d\log d))$	O(hwmc)	O(hw)
Classification comp.	$O(Kc^2)$	O(Kd)	O(Kd)	O(Krmhw)	O
Feature Param	0	2cd [40MB]	2c [4KB]	cm [200KB]	cm
Classifier Param	Kc^2 [KMB]	$Kd [K \cdot 32KB]$	$Kd [K \cdot 32KB]$	$Krm [K \cdot 3KB]$	Krn
Total $(K = 200)$	Kc^{2} [200MB]	2cd + Kd [48MB]	2c + Kd [8MB]	cm + Krm [0.8MB]	cm + I