



Method	3D landmark	Visibility	Pose-related database	Pose range	Landmark #	Estimat Error
RCPR (ICCV2013)	NO	Yes	COFW	frontal w. occlu	19	8.5
CoR (ECCV2014)	NO	Yes	COFW; LFPW-O; Helen-O	frontal w. occlu	19; 49; 49	8.5
TSPM (CVPR2012)	NO	NO	AFW	all poses	6	11.1
CDM (ICCV2013)	NO	NO	AFW	all poses	6	9.1
OSRD (CVPR2014)	NO	NO	MVFW	$<\pm40^{\circ}$	68	N/A
TCDCN (ECCV2014)	NO	NO	AFLW, AFW	$<\pm60^{\circ}$	5	8.0, 8.
PIFA	Yes	Yes	AFLW, AFW	all poses	21, 6	6.5, 8.



