Table 5. Comparison of baseline method (Hendrycks & Gimpel, 2017) and confidence-based thresholding. All models are trained on CIFAR-10, which is used as the in-distribution dataset (average of 5 runs). All values are shown in percentages. ↓ indicates that lower values are better, while ↑ indicates that higher scores are better.

	Out-of-distribution dataset	**FPR (95% TPR)** ↓	**Detection Error** ↓	**AUROC** ↑	**AUPR In** ↑	**AUPR Out** ↑
		Baseline (Hendrycks & Gimpel, 2017)/Confidence Thresholding				
DenseNet-BC	TinyImageNet (crop)	42.6/**29.1**	11.9/**11.0**	93.8/**95.1**	95.2/**95.8**	91.8/**94.1**
	TinyImageNet (resize)	44.9/**33.8**	12.8/**12.3**	93.2/**94.2**	94.6/**95.0**	91.2/**93.0**
	LSUN (crop)	37.2/**19.6**	10.8/**9.2**	94.8/**96.6**	95.9/**97.0**	93.1/**96.1**
	LSUN (resize)	38.6/**30.7**	10.8/**10.3**	94.6/**95.4**	95.9/**96.4**	92.8/**93.9**
	iSUN	41.4/**31.6**	11.6/**11.0**	94.1/**95.0**	95.8/**96.3**	91.3/**93.0**
	Uniform	74.9/**11.7**	18.2/**3.3**	77.0/**97.7**	82.8/**98.6**	71.5/**94.3**
	Gaussian	66.1/**57.3**	18.8/**8.5**	75.0/**92.0**	81.5/**95.1**	71.5/**84.0**
	All Images	40.9/**28.9**	11.6/**10.9**	94.1/**95.3**	87.6/**88.1**	98.3/**98.7**
WRN-28-10	TinyImageNet (crop)	36.7/**23.3**	12.8/**10.0**	92.5/**95.6**	91.2/**95.7**	91.8/**94.8**
	TinyImageNet (resize)	41.0/**26.6**	14.3/**11.6**	91.0/**94.5**	88.9/**94.1**	90.5/**94.0**
	LSUN (crop)	31.6/**17.6**	10.6/**7.9**	94.4/**96.9**	94.2/**97.3**	93.3/**96.2**
	LSUN (resize)	34.7/**24.0**	11.7/**9.1**	93.7/**96.0**	93.4/**96.6**	92.7/**94.5**
	iSUN	36.7/**24.9**	12.6/**9.8**	92.8/**95.7**	92.6/**96.5**	91.1/**94.0**
	Uniform	60.4/**17.9**	11.3/**3.8**	91.3/**97.4**	93.9/**98.4**	84.2/**94.3**
	Gaussian	68.6/**30.4**	12.7/**4.9**	89.8/**96.5**	92.8/**97.8**	81.6/**92.3**
	All Images	36.1/**23.3**	12.4/**9.7**	92.9/**95.7**	73.3/**86.7**	98.1/**98.8**
VGG13	TinyImageNet (crop)	42.4/**20.8**	11.7/**9.4**	93.8/**96.8**	94.9/**97.2**	92.1/**96.4**
	TinyImageNet (resize)	43.8/**18.4**	12.0/**9.4**	93.5/**97.0**	94.6/**97.3**	91.7/**96.9**
	LSUN (crop)	38.9/**23.6**	11.4/**9.4**	94.1/**96.6**	95.1/**97.1**	92.6/**96.1**
	LSUN (resize)	41.9/**16.4**	11.5/**8.3**	94.0/**97.5**	95.1/**97.8**	92.2/**97.2**
	iSUN	41.2/**16.3**	11.4/**8.5**	94.0/**97.5**	95.5/**98.0**	91.5/**96.9**
	Uniform	**20.7**/65.7	**5.4**/7.8	**97.0**/92.8	**98.0**/95.7	**94.8**/84.0
	Gaussian	**31.1**/84.1	**6.2**/9.5	**96.0**/90.1	**97.4**/94.2	**92.3**/78.9
	All Images	41.6/**19.2**	11.7/**9.1**	93.9/**97.1**	85.5/**92.0**	98.2/**99.3**