

Method	Relevance	Novelty-2	Novelty-3	BLEU-1	BLEU-2	BLEU-3	Overall
Show and Tell (1CNN)	1.79	43.66	76.76	11.88	3.35	0.76	5.1
Show and Tell (3CNNs)	1.91	48.09	81.37	12.64	3.34	0.8	11.1
SeqGAN	2.03	47.52	82.32	13.40	3.72	0.76	15.1
Regions-Hierarchical	1.81	46.75	79.90	11.64	2.5	0.67	2.3
I2P-GAN w/o discriminator	1.94	45.25	80.13	13.35	3.69	0.88	14.1
I2P-GAN w/ D _m	2.07	43.37	78.98	15.15	4.13	1.02	22.1
I2P-GAN w/ D _p	1.90	60.66	89.74	12.91	3.05	0.72	16.1
I2P-GAN	2.25	54.32	85.37	14.25	3.84	0.94	27.1

). All scores are reported as percentage (