Result 3					**3.3 ResNet101 vs VGG19**											
					B-1		B-2		B-3		B-4		ROUGE_L		CIDEr	
					VGG19	RN101	VGG19	RN101	VGG19	RN101	VGG19	RN101	VGG19	RN101	VGG19	RN101
BB	30k	char	FE	b1	30.37	**31.99**	19.24	**20.39**	11.88	**12.75**	7.65	**8.34**	28.99	**29.63**	38.22	**39.79**
BB	30k	char	FE	b2	29.31	**30.26**	19.20	**19.82**	12.39	**12.80**	8.32	**8.66**	30.31	**30.66**	43.84	**45.33**
BB	30k	char	FE	b3	29.58	**30.86**	19.42	**20.22**	12.55	**13.10**	8.45	**8.90**	30.42	**30.73**	44.30	**46.10**
BB	30k	char	FE	b4	29.72	**31.22**	19.53	**20.55**	12.65	**13.35**	8.53	**9.10**	30.45	**30.95**	44.33	**46.87**
BB	30k	char	FE	b5	29.75	**31.18**	19.54	**20.49**	12.66	**13.31**	8.54	**9.06**	30.50	**30.87**	44.49	**46.56**
BB	30k	seg	FE	b1	**27.38**	26.85	**13.71**	13.09	**7.70**	7.17	**4.35**	4.06	**24.80**	24.29	31.22	**31.55**
BB	30k	seg	FE	b2	**23.10**	22.23	**12.48**	11.72	**7.36**	6.87	**4.40**	4.16	**25.18**	24.70	36.36	**36.39**
BB	30k	seg	FE	b3	**23.73**	22.78	**12.94**	12.09	**7.69**	7.14	**4.61**	4.33	**25.47**	24.82	**37.00**	36.24
BB	30k	seg	FE	b4	**23.87**	23.03	**12.98**	12.27	**7.72**	7.26	**4.62**	4.43	**25.46**	25.01	36.68	**37.08**
BB	30k	seg	FE	b5	**23.83**	23.13	**12.97**	12.32	**7.72**	7.30	**4.64**	4.45	**25.45**	25.08	36.68	**37.31**
BB	8k	char	FE	b1	56.25	**63.01**	43.49	**49.63**	32.84	**38.40**	24.67	**29.55**	47.77	**49.56**	54.29	**59.91**
BB	8k	char	FE	b2	66.36	**67.05**	53.22	**54.35**	41.74	**43.20**	32.52	**34.20**	50.24	**50.89**	60.30	**63.77**
BB	8k	char	FE	b3	66.44	**67.67**	53.12	**54.93**	41.46	**43.59**	32.29	**34.54**	50.24	**51.21**	60.34	**64.89**
BB	8k	char	FE	b4	66.41	**67.62**	53.13	**54.83**	41.51	**43.50**	32.37	**34.47**	50.12	**51.04**	60.74	**64.54**
BB	8k	char	FE	b5	66.22	**67.49**	52.97	**54.61**	41.37	**43.20**	32.27	**34.13**	50.13	**50.89**	60.80	**64.15**
BB	8k	seg	FE	b1	57.35	**61.76**	39.32	**43.30**	26.51	**30.06**	18.10	**20.93**	45.02	**46.13**	44.00	**49.13**
BB	8k	seg	FE	b2	**63.35**	62.45	46.26	**46.66**	33.40	**34.56**	24.21	**25.53**	46.25	**46.68**	49.30	**53.35**
BB	8k	seg	FE	b3	63.00	**63.10**	46.02	**46.90**	33.41	**34.72**	24.32	**25.58**	46.45	**46.67**	49.82	**52.32**
BB	8k	seg	FE	b4	**63.19**	63.18	46.23	**47.17**	33.56	**35.15**	24.45	**26.11**	46.52	**47.02**	49.94	**53.29**
BB	8k	seg	FE	b5	63.28	**63.32**	46.35	**47.27**	33.70	**35.23**	24.58	**26.21**	46.60	**47.06**	49.94	**53.66**

					B-1		B-2		B-3		B-4		ROUGE_L		CIDEr	
					VGG19	RN101	VGG19	RN101	VGG19	RN101	VGG19	RN101	VGG19	RN101	VGG19	RN101
NB	30k	char	FE	b1	31.93	**32.05**	20.10	**20.42**	12.35	**12.72**	7.97	**8.31**	28.91	**29.40**	35.75	**37.31**
NB	30k	char	FE	b2	29.34	**29.53**	18.81	**19.39**	11.87	**12.48**	7.84	**8.40**	29.69	**30.56**	42.32	**45.08**
NB	30k	char	FE	b3	29.78	**30.47**	19.14	**19.99**	12.08	**12.84**	8.00	**8.66**	29.83	**30.68**	43.06	**45.35**
NB	30k	char	FE	b4	29.84	**30.66**	19.19	**20.19**	12.12	**13.06**	8.01	**8.87**	29.82	**30.82**	43.11	**45.78**
NB	30k	char	FE	b5	29.80	**30.78**	19.16	**20.26**	12.10	**13.13**	8.00	**8.92**	29.85	**30.86**	43.61	**45.79**
NB	30k	seg	FE	b1	27.05	**27.10**	13.37	**13.47**	7.46	**7.49**	**4.27**	4.27	24.17	**24.39**	29.78	**31.07**
NB	30k	seg	FE	b2	**23.19**	22.71	12.09	**12.15**	6.96	**7.20**	4.11	**4.36**	24.54	**24.88**	33.94	**36.27**
NB	30k	seg	FE	b3	23.20	**23.26**	12.16	**12.52**	7.03	**7.45**	4.21	**4.55**	24.59	**24.92**	33.86	**36.19**
NB	30k	seg	FE	b4	**23.38**	23.31	12.18	**12.56**	7.00	**7.45**	4.15	**4.55**	24.58	**24.94**	33.81	**36.21**
NB	30k	seg	FE	b5	23.40	**23.41**	12.21	**12.57**	7.04	**7.45**	4.19	**4.54**	24.58	**25.02**	33.72	**36.28**
NB	8k	char	FE	b1	60.11	**61.67**	45.61	**47.53**	33.82	**35.75**	25.04	**26.79**	47.01	**47.33**	48.77	**54.27**
NB	8k	char	FE	b2	65.23	**66.01**	51.27	**52.75**	39.32	**41.09**	29.96	**31.85**	48.88	**49.43**	55.85	**60.83**
NB	8k	char	FE	b3	65.06	**66.15**	50.82	**53.00**	38.87	**41.35**	29.65	**32.04**	48.59	**49.96**	55.08	**61.37**
NB	8k	char	FE	b4	65.06	**66.39**	50.94	**53.26**	39.02	**41.62**	29.81	**32.28**	48.81	**49.91**	55.86	**61.40**
NB	8k	char	FE	b5	65.16	**66.17**	50.98	**53.12**	39.04	**41.55**	29.82	**32.25**	48.83	**49.86**	55.96	**61.21**
NB	8k	seg	FE	b1	56.97	**57.91**	38.73	**39.50**	26.37	**26.76**	17.95	**17.99**	43.51	**44.54**	41.99	**44.08**
NB	8k	seg	FE	b2	60.97	**62.78**	42.97	**44.64**	30.24	**31.43**	21.24	**22.03**	44.45	**45.72**	45.89	**49.23**
NB	8k	seg	FE	b3	61.03	**62.67**	43.28	**44.73**	30.57	**31.58**	21.61	**22.38**	44.38	**46.01**	46.14	**50.01**
NB	8k	seg	FE	b4	61.16	**62.66**	43.29	**44.68**	30.61	**31.46**	21.72	**22.20**	44.46	**46.03**	46.23	**50.02**
NB	8k	seg	FE	b5	61.04	**62.68**	43.21	**44.69**	30.58	**31.50**	21.70	**22.28**	44.44	**46.12**	46.00	**50.27**