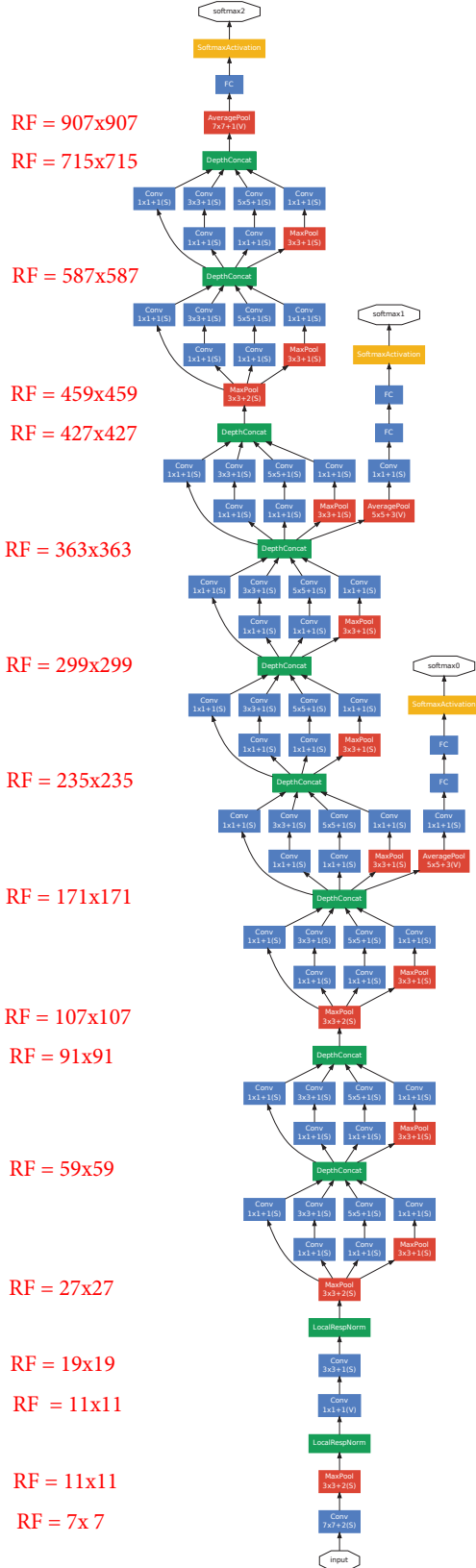


Layers	N-in	k	p	s	N-out	J-in	J-out	R-in	R-out	comments	
Conv	224	7	3	2	112	1	2	1	7		
MaxPool	112	3	1	2	56	2	4	7	11		
Conv	56	3	1	1	56	4	4	11	19		
Maxpool	56	3	1	2	28	4	8	19	27		
Inception-3a	28	5	2	1	28	8	8	27	59	Max RF taking forward	
Inception-3b	28	5	2	1	28	8	8	59	91	Max RF taking forward	
MaxPool	28	3	1	2	14	8	16	91	107		
Inception-4a	14	5	2	1	14	16	16	107	171	Max RF taking forward	
Inception-4b	14	5	2	1	14	16	16	171	235	Max RF taking forward	Output 1
Inception-4c	14	5	2	1	14	16	16	235	299	Max RF taking forward	
Inception-4d	14	5	2	1	14	16	16	299	363	Max RF taking forward	
Inception-4e	14	5	2	1	14	16	16	363	427	Max RF taking forward	Output 2
MaxPool	14	3	1	2	7	16	32	427	459		
Inception-5a	7	5	2	1	7	32	32	459	587	Max RF taking forward	
Inception-5b	7	5	2	1	7	32	32	587	715		
AveragePool	7	7	0	1	1	32	32	715	907		Output 3
Softmax	1										



Output 3

RF = 907x907

This model has 3 outputs to overcome the vanishing gradient problem, RF at each of these outputs are mentioned. For the concatenate layers the maximum RF in the parallel paths is carried forward for calculations.

Output 2

RF = 427x427

Output 1

RF = 235x235

Figure 3: GoogLeNet network with all the bells and whistles