

Supplementary table S1. Composition of One-vs-Rest training data set.

Positive class			Negative class			
	original	augmented		original	augmented	
Crescentic	81	81	Endocapillary	10	10	
			FSGS	10	10	
			Hypertrophy	10	10	
			Membranoproliferative	10	10	
			Membranous	10	10	
			Mesangioproliferative	10	10	
			Normal	10	10	
			Sclerosed	10	10	
Total	162		Total	160		
Crescentic			10	10		
Endocapillary	81	81	FSGS	10	10	
			Hypertrophy	10	10	
			Membranoproliferative	10	10	
			Membranous	10	10	
			Mesangioproliferative	10	10	
			Normal	10	10	
			Sclerosed	10	10	
Total	162		Total	160		
Crescentic			10	10		
FSGS	81	81	Endocapillary	10	10	
			Hypertrophy	10	10	
			Membranoproliferative	10	10	
			Membranous	10	10	
			Mesangioproliferative	10	10	
			Normal	10	10	
			Sclerosed	10	10	
Total	162		Total	160		
Crescentic			10	10		
Hypertrophy	81	81	Endocapillary	10	10	
			FSGS	10	10	
			Membranoproliferative	10	10	
			Membranous	10	10	
			Mesangioproliferative	10	10	
			Normal	10	10	
			Sclerosed	10	10	
Total	162		Total	160		
Crescentic			10	10		
Membranoproliferative	81	81	Endocapillary	10	10	
			FSGS	10	10	
			Hypertrophy	10	10	
			Membranous	10	10	
			Mesangioproliferative	10	10	
			Normal	10	10	
			Sclerosed	10	10	
Total	162		Total	160		
Crescentic			10	10		
Membranous	81	81	Endocapillary	10	10	
			FSGS	10	10	
			Hypertrophy	10	10	
			Membranoproliferative	10	10	
			Mesangioproliferative	10	10	
			Normal	10	10	
			Sclerosed	10	10	
Total	162		Total	160		

Supplementary table S1 (continued). Composition of One-vs-Rest training data set.

Positive class			Negative class		
	original	augmented		original	augmented
Mesangioproliferative	81	81	Crescentic	10	10
			Endocapillary	10	10
			FSGS	10	10
			Hypertrophy	10	10
			Membranoproliferative	10	10
			Membranous	10	10
			Normal	10	10
			Sclerosed	10	10
			Total	160	
Normal	81	81	Crescentic	10	10
			Endocapillary	10	10
			FSGS	10	10
			Hypertrophy	10	10
			Membranoproliferative	10	10
			Membranous	10	10
			Mesangioproliferative	10	10
			Sclerosed	10	10
			Total	160	
Sclerosed	81	81	Crescentic	10	10
			Endocapillary	10	10
			FSGS	10	10
			Hypertrophy	10	10
			Membranoproliferative	10	10
			Membranous	10	10
			Mesangioproliferative	10	10
			Normal	10	10
			Total	160	