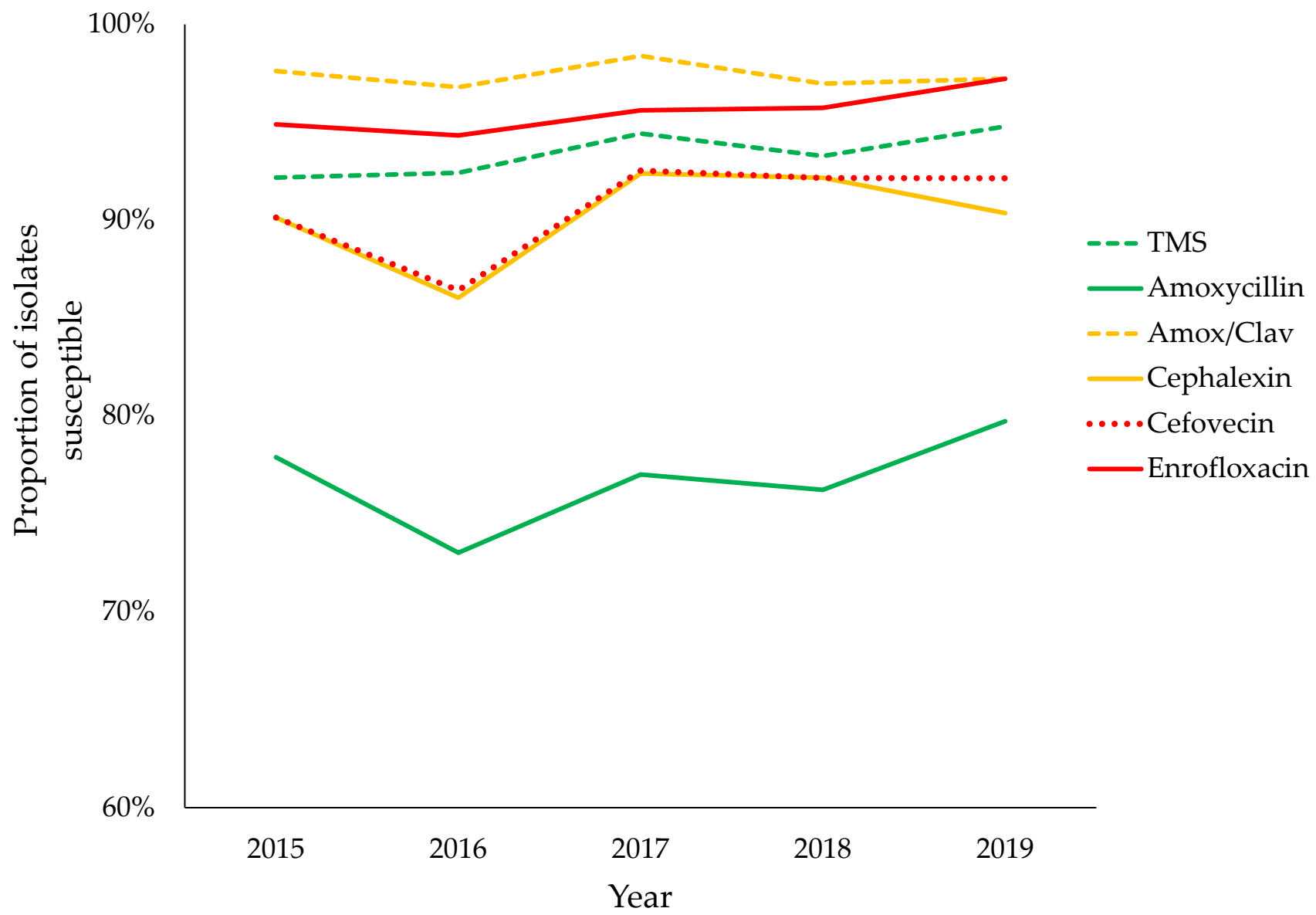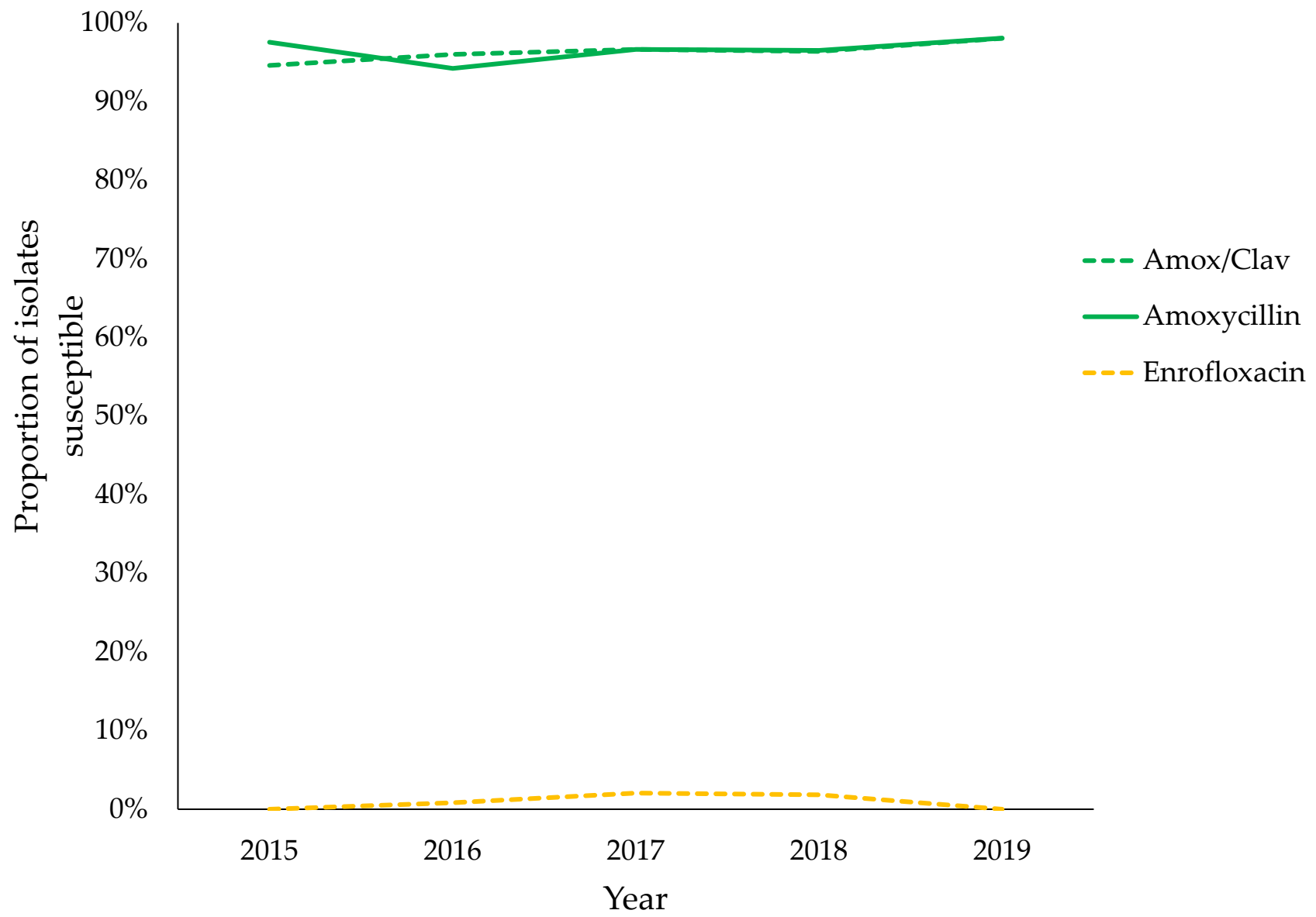| Dog Breed	Age (whole years completed)																			Total
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Labrador Retriever	21	8	8	13	9	3	4	8	19	21	20	38	31	34	32	14	3	1		287
Pug	1	7	6	19	16	11	14	18	23	17	21	23	16	7	4	4		1		208
Golden Retriever	23	3	14	6	5	6	7	6	7	10	10	22	18	12	18	8	2	1		178
Border Collie	9	2	5	2	12	8	6	14	10	23	24	19	11	14	6	4	2	1		172
Cavalier King Charles Spaniel		1	3	3	5	8	6	7	30	20	17	18	11	9	15	2	1			156
Maltese Cross	1		2	6	3	1	5	11	10	12	23	16	16	12	12	11	3	3	1	148
Poodle Cross	6	1	9		6	3	2	7	8	11	9	7	12	7	3	3	2	1	1	98
Miniature Schnauzer	5	1	2	7	7	3	6	5	14	6	7	5	10	8	2			1		89
Staffordshire Bull Terrier		1	5	3	1	2	3	4	9	5	9	11	10	8	12	2	2			87
Cocker Spaniel			2	3	6	1	1	9	7	9	5	10	11	7	6	3	1	1		82
Cavalier King Charles Spaniel Cross	1	4	1	1	2	4	7	10	8	9	5	8	2	6	3		1			72
Jack Russell Terrier	2	1	6	5	1	3	2	1	3	5	4	5	2	11	8	6	3	4		72
Beagle	1		1			2	1	3	5	3	7	4	14	11	9	2				63
Kelpie Cross	2	1	1	3	1	2	1	6	3	4	4	7	8	8	6	3	3			63
French Bulldog	17	10	5	4	7	3	5	3	3		4									61

Figure S1: Frequency of samples by dog breed and age. Only breeds that contributed >60 samples are included. Darker cells represent higher frequencies.
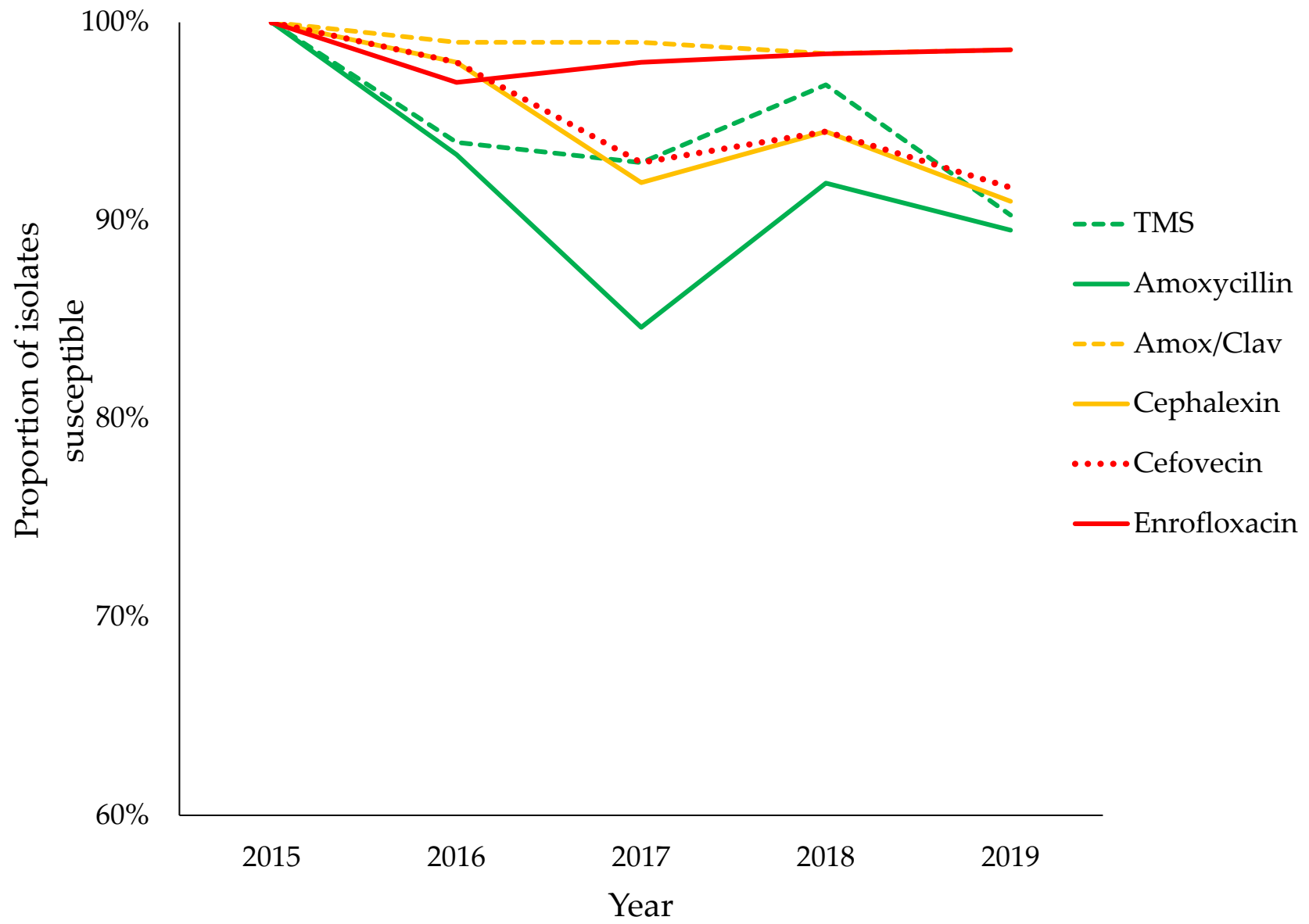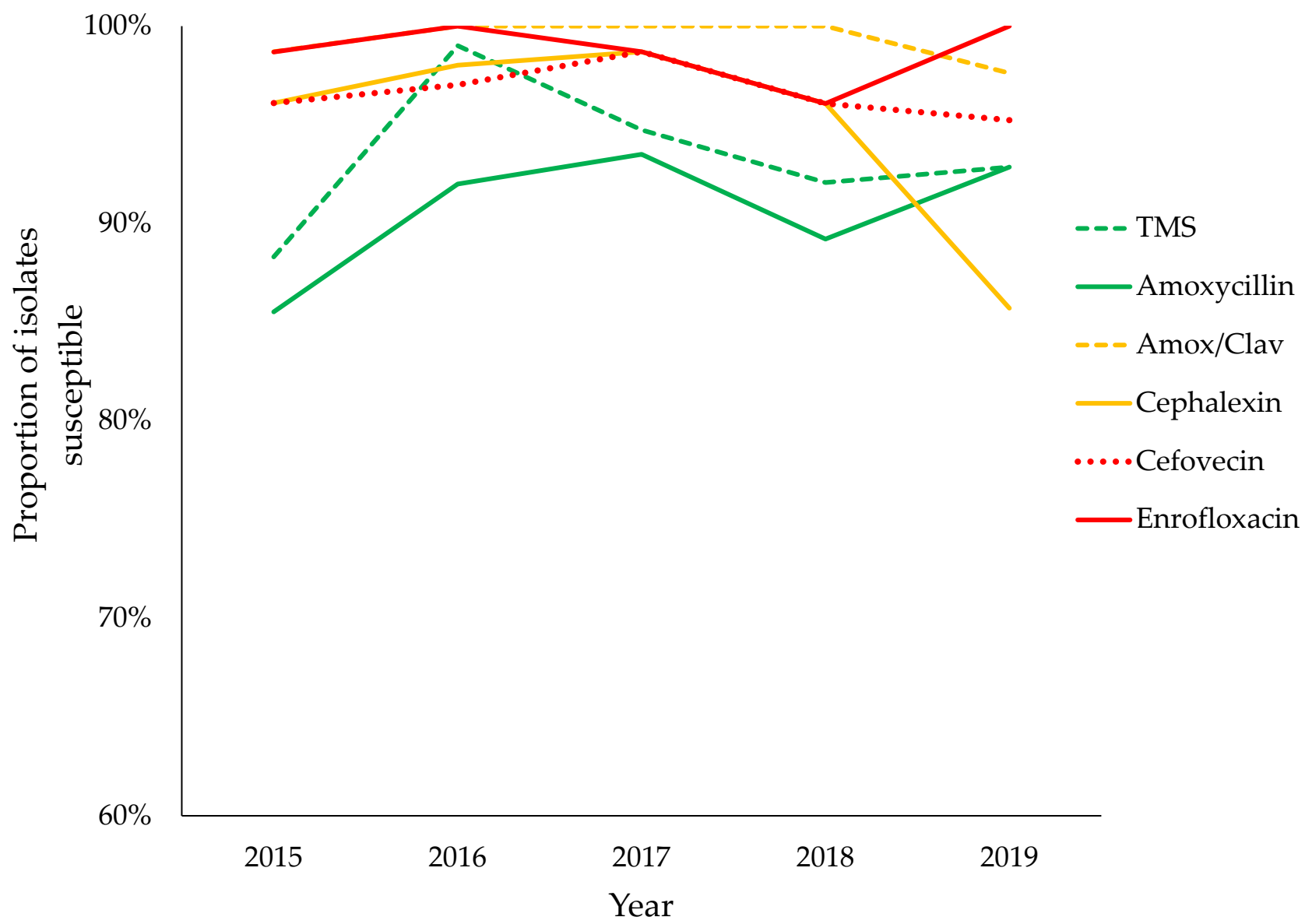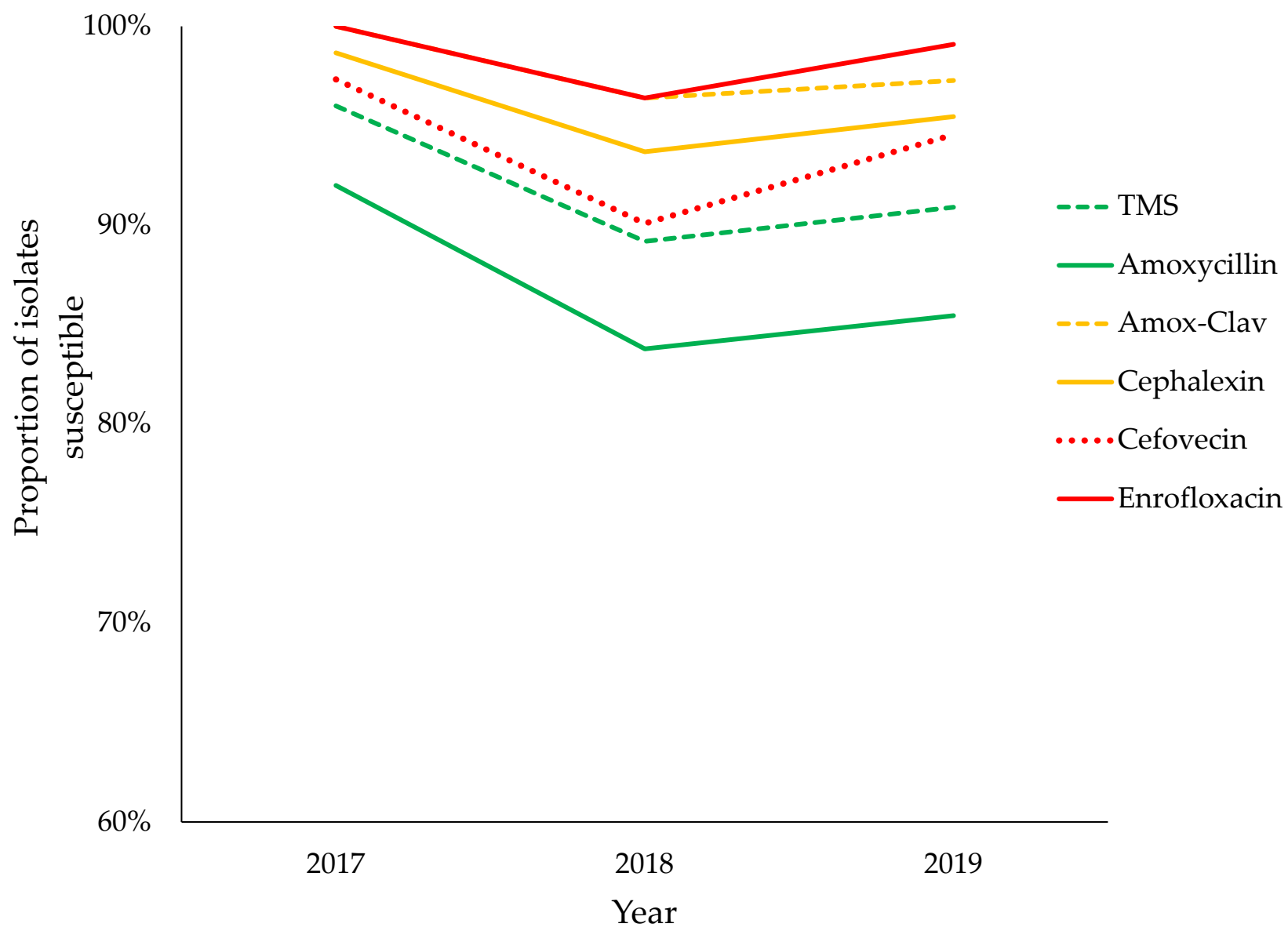
(a)

E.faecalis

(b)

S.pseudintermedius

(c)

Proteus mirabilis

(d)

Proteus spp.
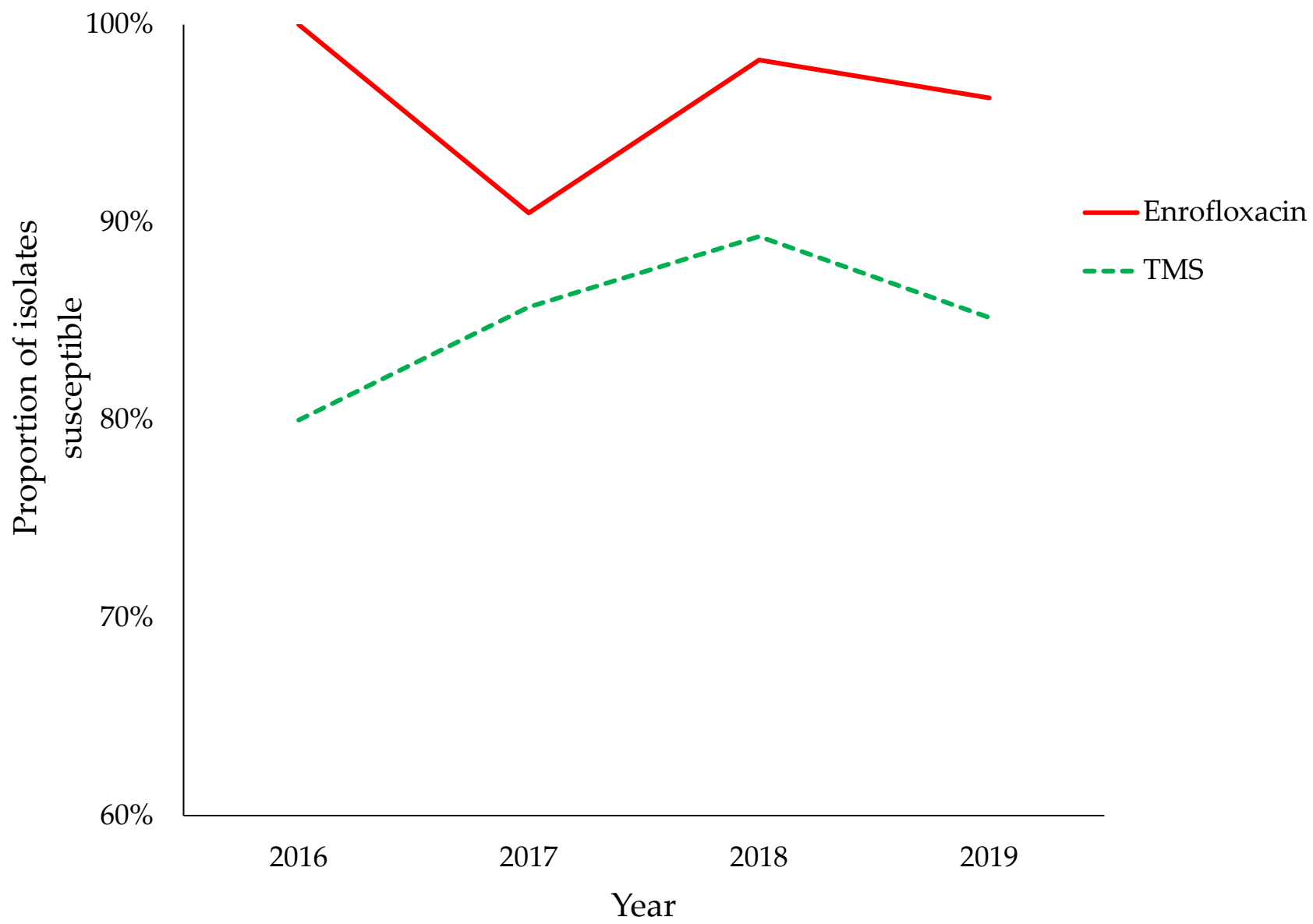
(e)

Enterobacter spp.

(f)

Figure S2 a-f: Changes in susceptibility over time for the most common species/genera. a) *E.coli;* b) *Enterococcus faecalis;* c) *Staphylococcus pseudintermedius;* d) *Proteus mirabilis;* e) *Proteus* spp. (not otherwise specified); f) *Enterobacter* spp. Amox-Clav = amoxicillin clavulanate; TMS = trimethoprim-sulfonamide. Chart colors represent local antimicrobial importance ratings, red for high importance, yellow for medium importance, green for low importance. Intrinsic resistance and drugs that were tested on fewer than 30 isolates of the species/genus are not included.