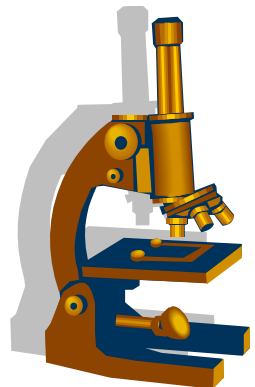




Resistenzepidemiologie 2017

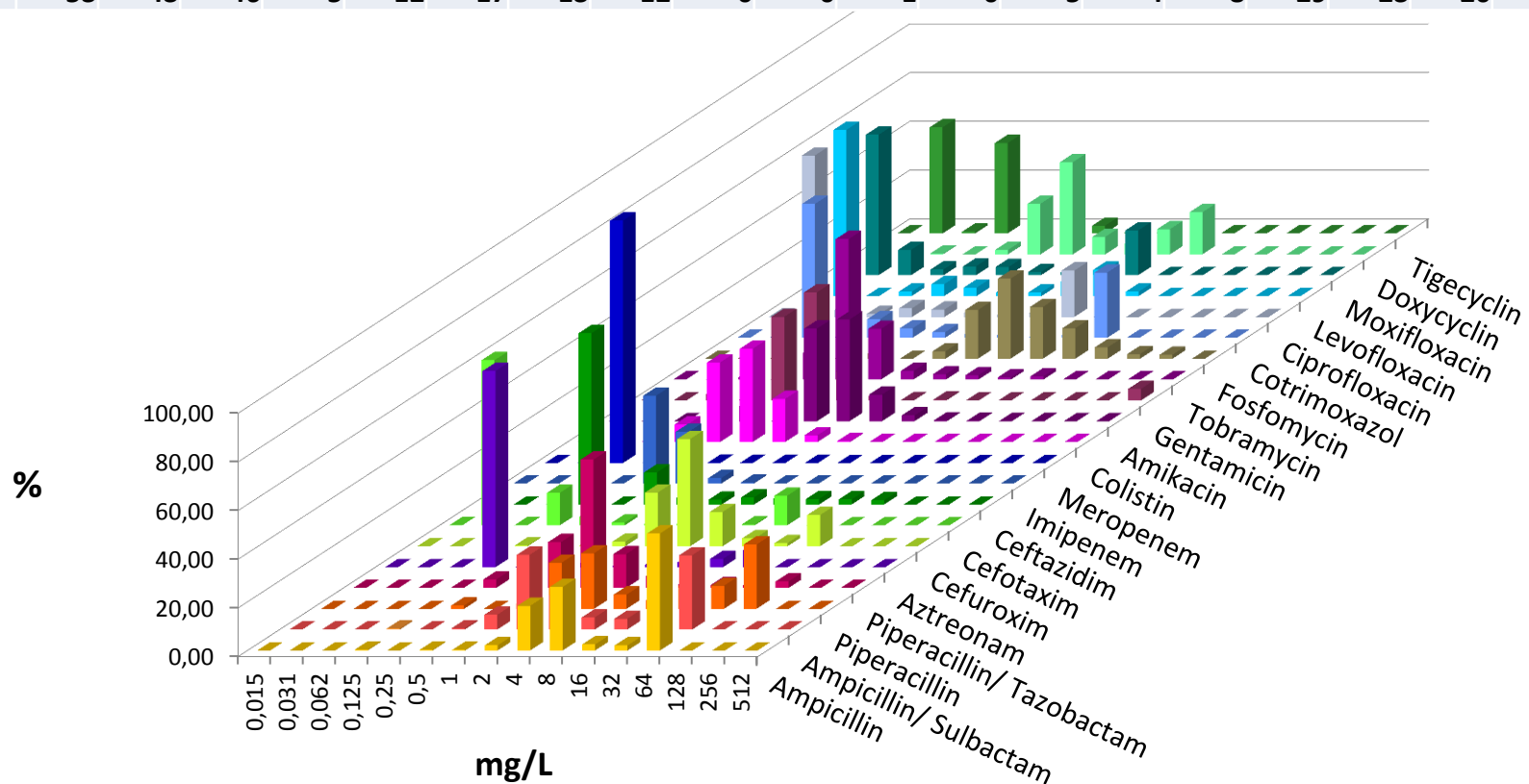
Arne C. Rodloff



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Escherichia coli

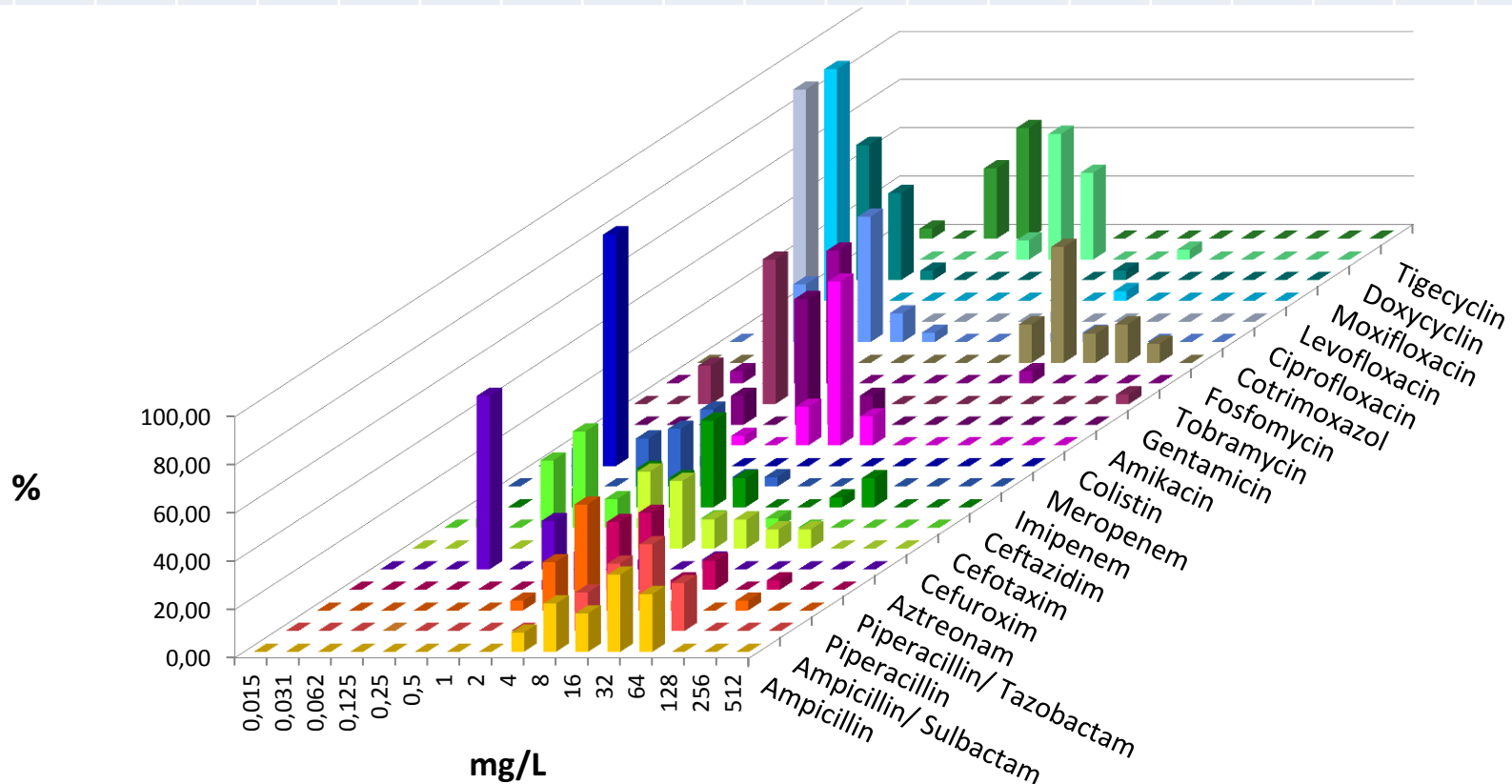
	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	3.261	3.260	3.260	3.262	3.260	3.262	3.263	3.263	3.263	3.261	3.254	3.258	2.763	3.262	3.256	3.263	3.260	3.259	3.256	2.992	3.260
S	47	57	51	94	86	83	87	86	100	100	99	99	95	94	92	70	74	78	74		99
I			3	1	2		1	2	0	0		0	0	2		1	3	1			0
R	53	43	46	5	12	17	13	12	0	0	1	0	5	4	8	29	23	20	26		0



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Hafnia alvei

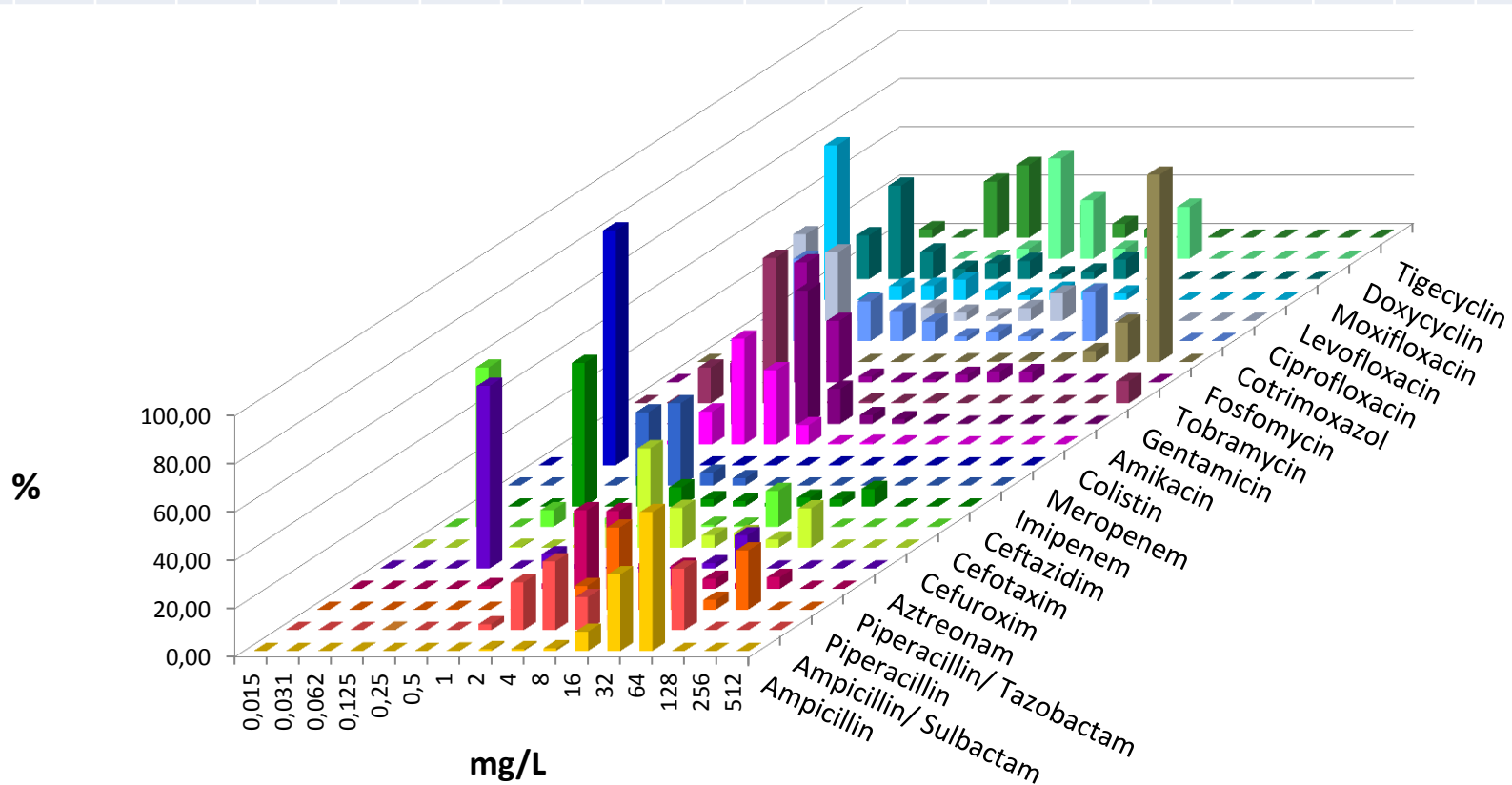
	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	25	25	25	25	25	25	25	25	25	25	25	25	20	25	25	25	25	25	25	24	25
S	28	16	84	80	92	72	88	36	96	100	20	100	96	95	64	92	96	96	96		100
I			8	4	4		4	36	4	0		0	0	0		0	0	0			0
R	72	84	8	16	4	28	8	28	0	0	80	0	4	5	36	8	4	4	4		0



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Klebsiella pneumoniae

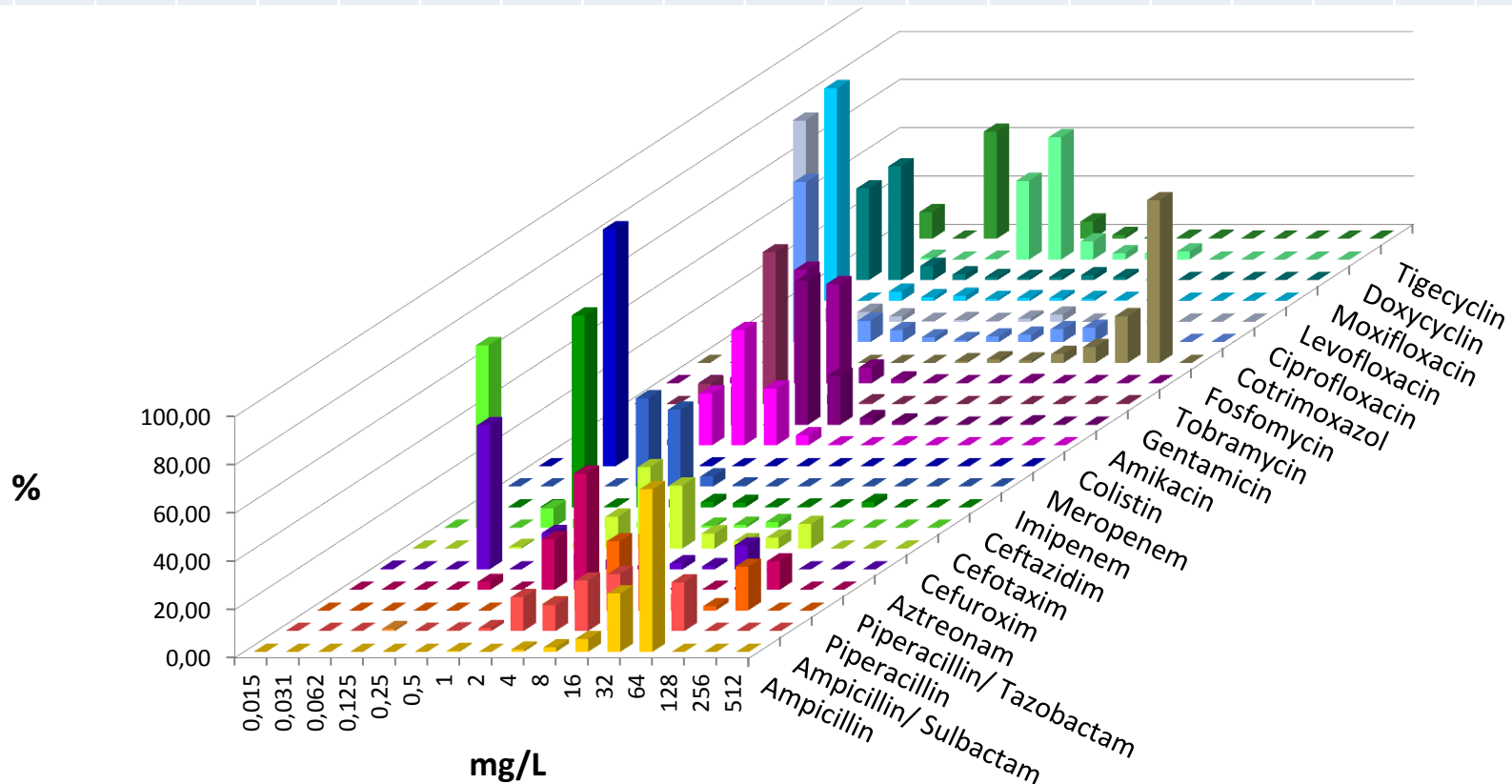
	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	782	782	782	782	782	782	782	782	783	782	782	782	638	782	780	782	782	782	782	746	782
S	3	65	46	79	83	74	83	80	100	100	98	99	90	86	2	73	73	84	73		90
I			15	10	1		0	3	0	0		1	0	1		4	5	4			6
R	97	35	38	12	16	26	16	17	0	0	2	0	10	12	98	23	21	12	27		5



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Klebsiella oxytoca

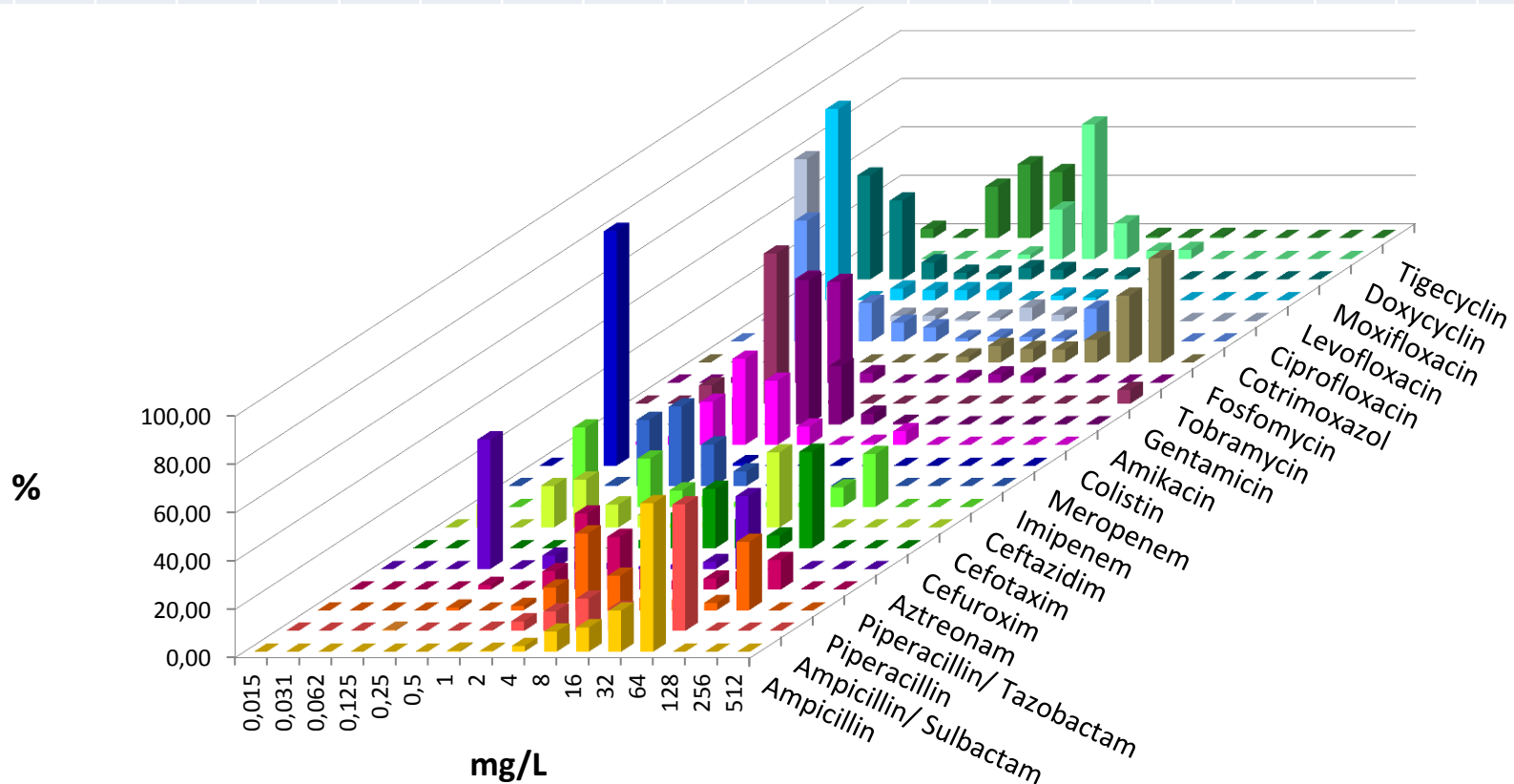
	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	335	335	335	335	335	335	335	335	335	335	334	335	291	335	335	335	335	335	334	324	335
S	3	48	41	86	81	82	93	93	100	100	99	99	99	99	7	83	95	96	93		98
I			32	1	5		2	2	0	0		0	0	0		2	0	1			2
R	97	52	27	13	13	18	4	4	0	0	1	1	0	1	93	14	5	4	7		1



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Enterobacter cloacae

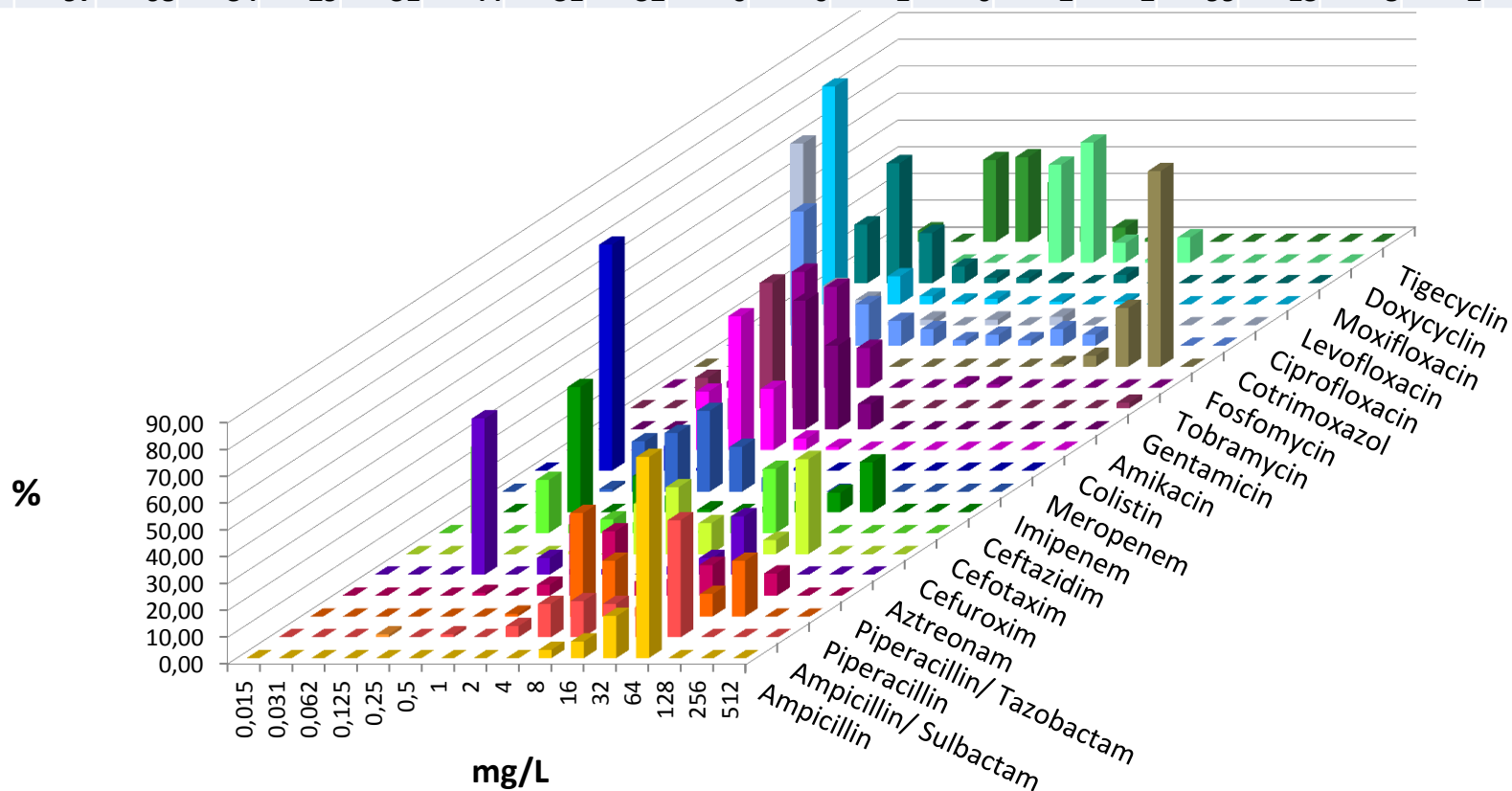
	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	419	420	420	421	419	420	421	420	421	420	420	420	366	421	420	421	420	420	420	416	420
S	11	26	59	72	62	43	62	60	99	100	93	100	94	91	20	81	88	92	86		94
I			5	4	3		2	5	1	0		0	0	0		2	2	4			3
R	89	74	36	24	35	57	37	36	0	0	7	0	6	8	80	17	10	4	14		2



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Enterobacter aerogenes

	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	96	96	96	96	96	96	96	96	96	96	96	96	88	96	96	96	96	96	96	95	96
S	3	32	63	65	67	56	65	67	92	99	99	100	98	98	1	83	93	96	92		94
I			3	6	2		4	1	8	1		0	0	0		4	2	2			5
R	97	68	34	29	31	44	31	32	0	0	1	0	2	2	99	13	5	2	8		1

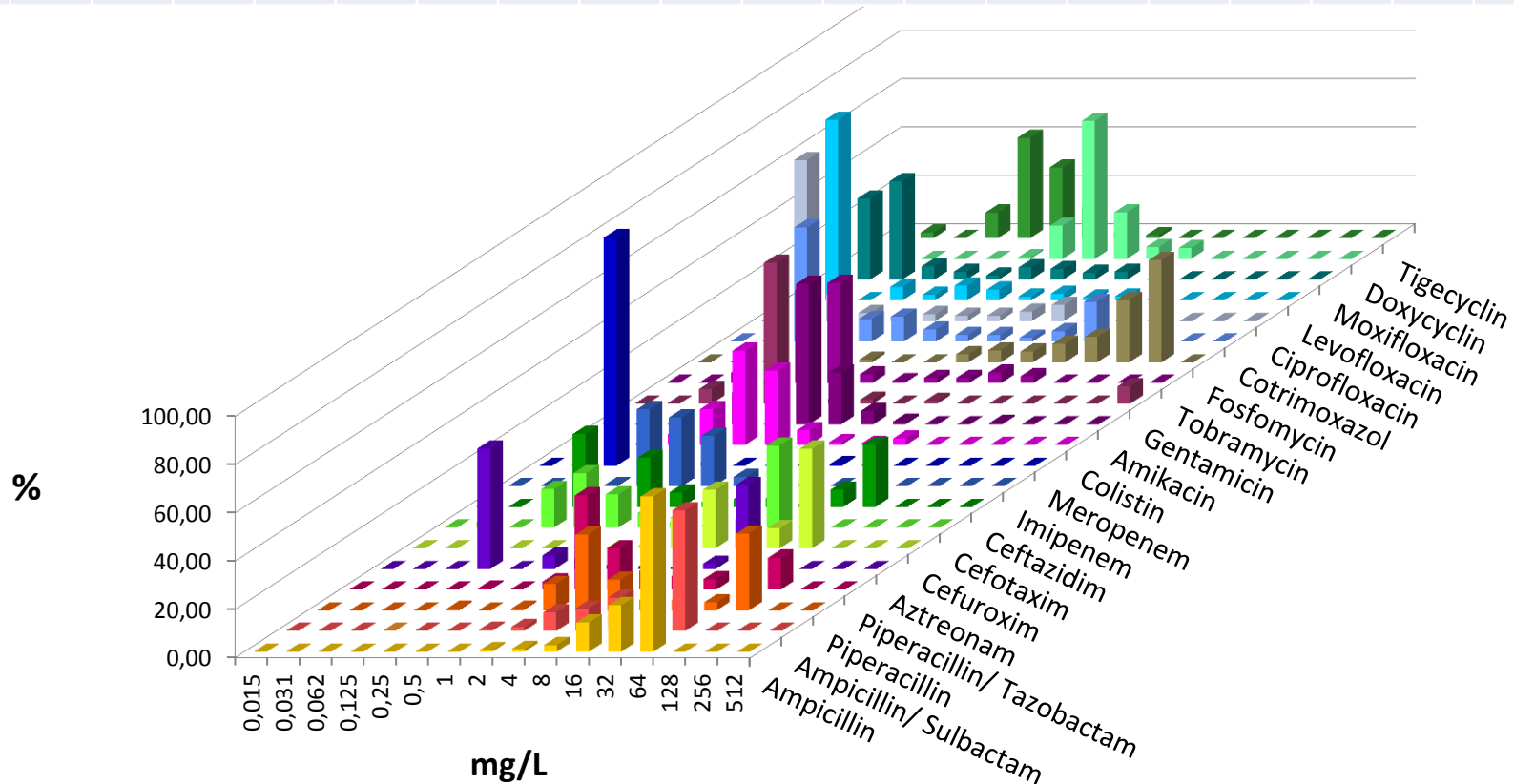


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Enterobacter hormaechei



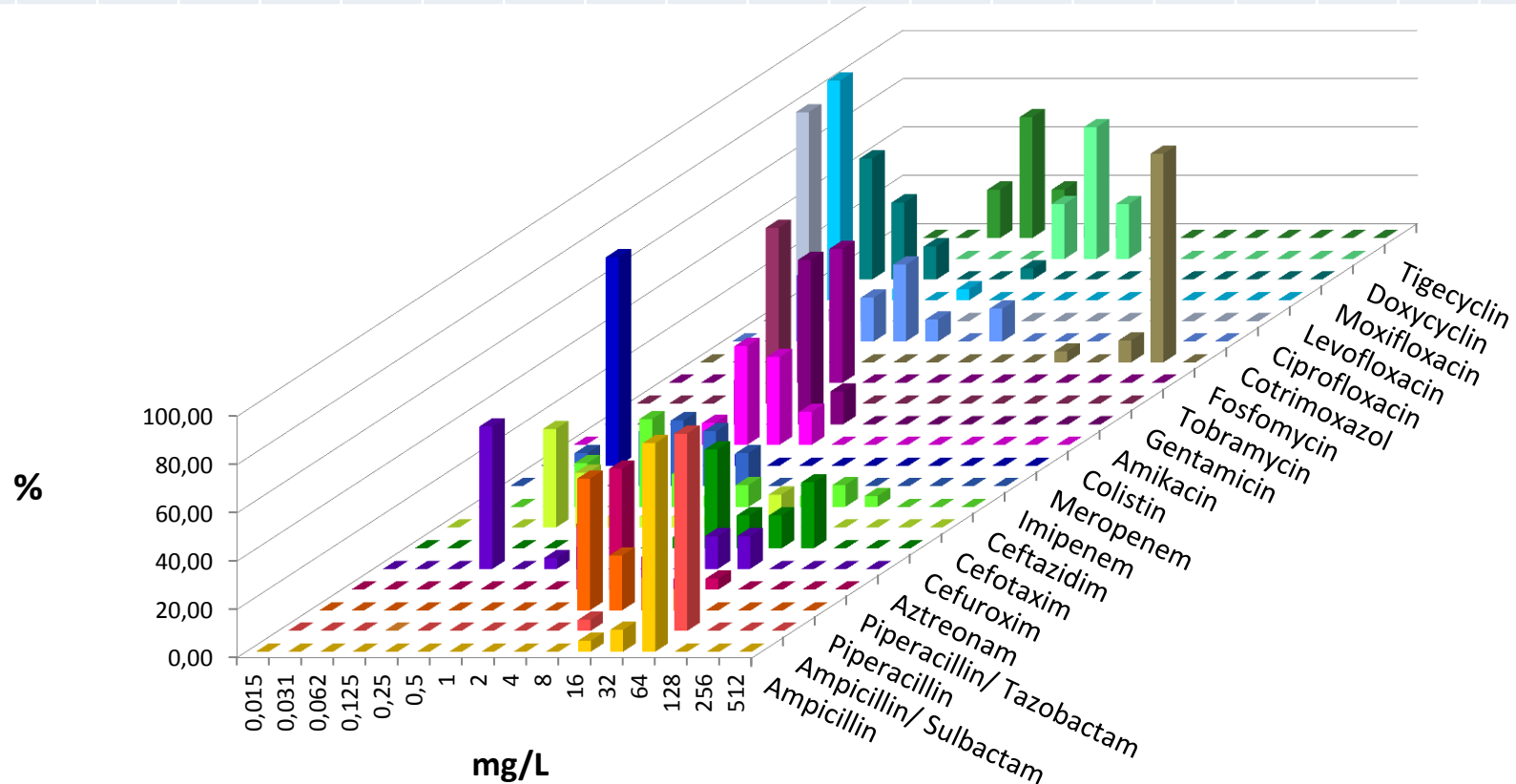
	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	182	182	182	182	182	182	182	182	182	182	182	182	140	182	182	182	182	182	182	171	182
S	4	19	56	68	60	38	60	57	99	99	96	99	92	89	21	75	82	88	83		96
I			4	5	3		2	2	1	1		0	0	2		3	3	4			2
R	96	81	40	27	37	62	37	41	0	0	4	1	8	9	79	23	15	7	17		1



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Enterobacter ludwigii

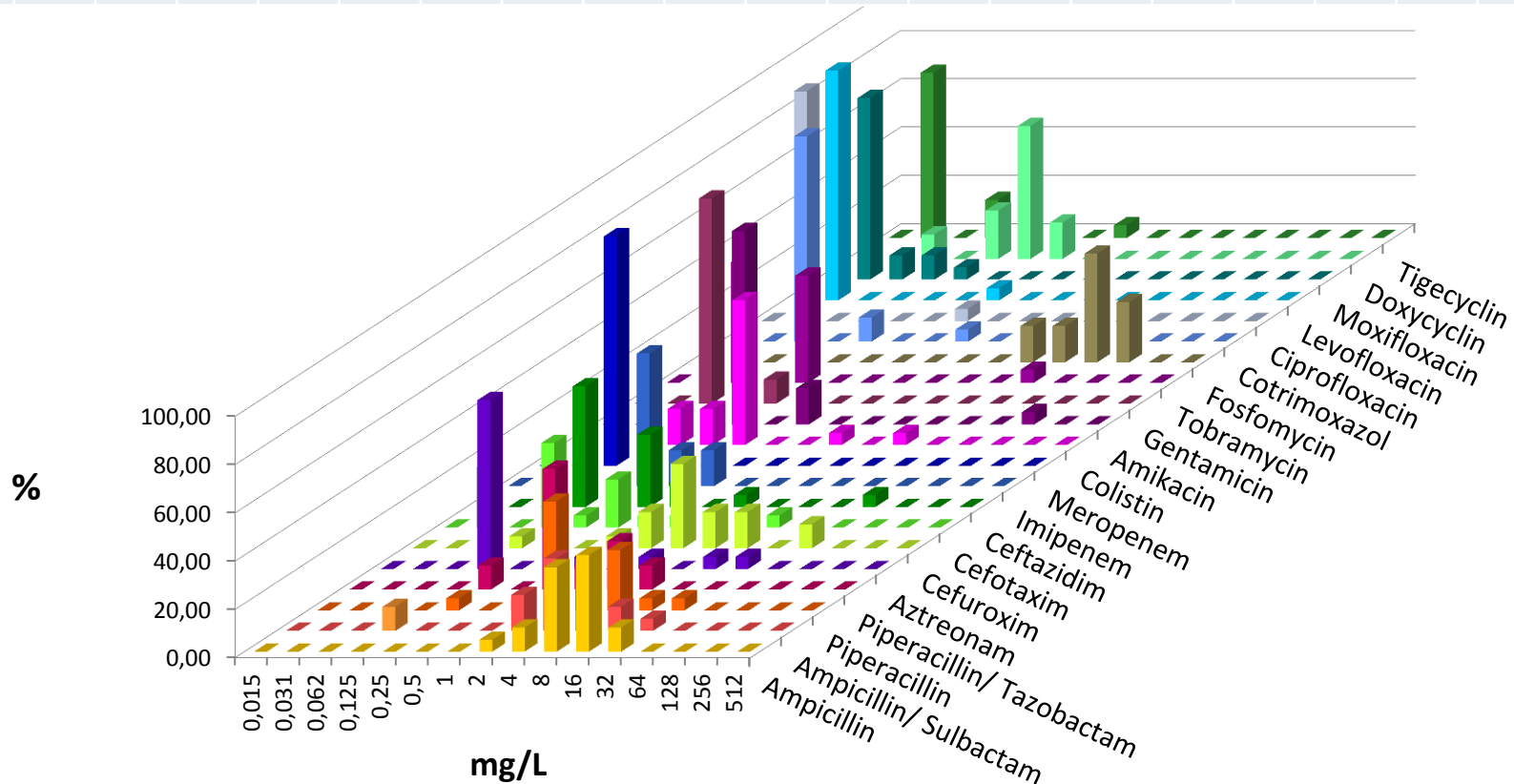
	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	22	22	22	22	22	22	22	22	22	22	22	22	18	22	22	22	22	22	22	20	22
S	0	5	77	91	73	45	73	68	100	100	100	100	100	100	5	86	100	100	95		95
I			14	5	0		5	5	0	0		0	0	0		14	0	0			5
R	100	95	9	5	27	55	23	27	0	0	0	0	0	0	95	0	0	0	5		0



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Pantoea agglomerans

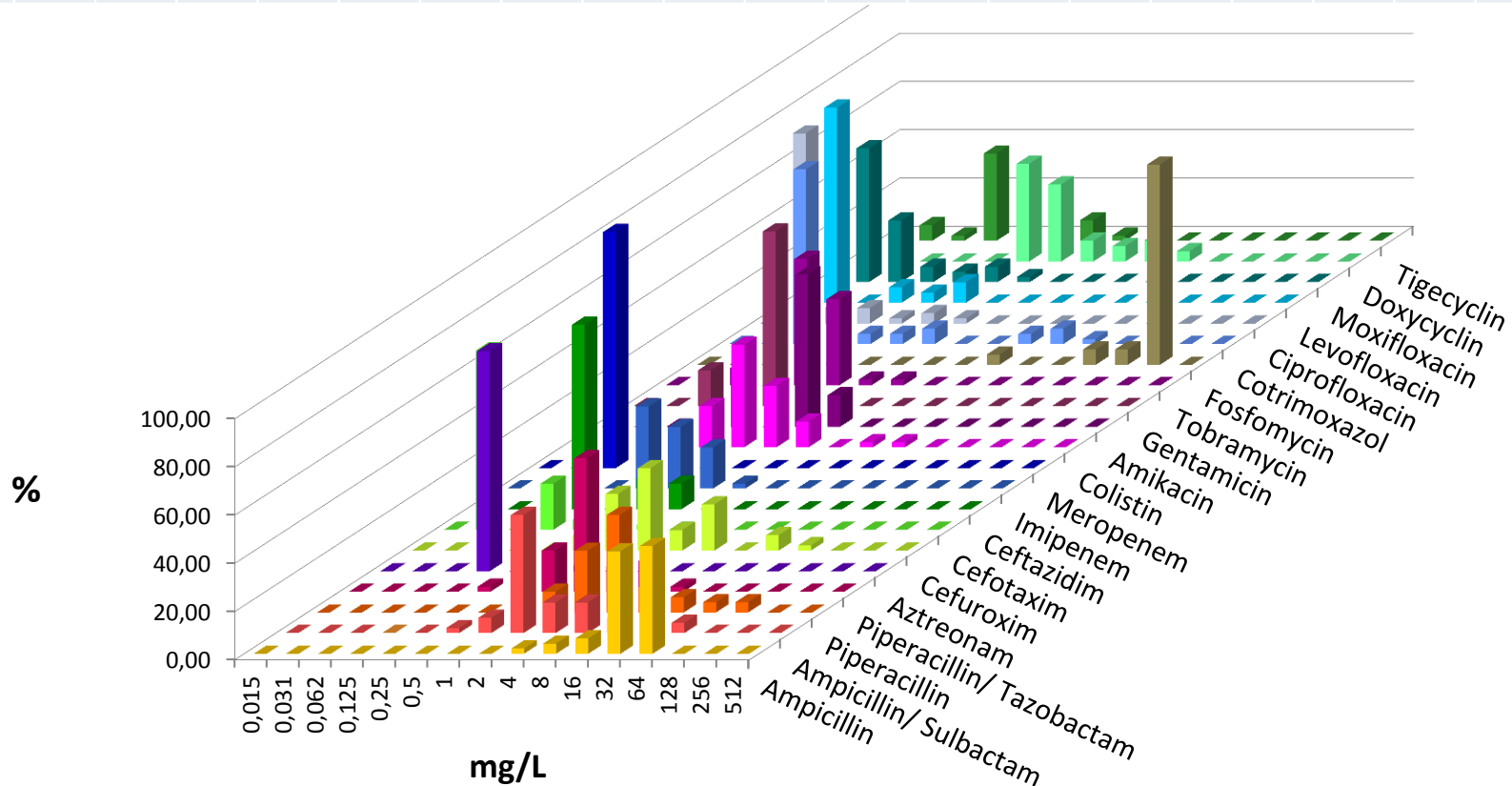
	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	20	20	20	20	20	20	20	20	20	20	20	20	18	20	20	20	20	20	20	19	20
S	50	85	90	100	85	75	90	90	100	100	90	95	95	94	30	100	95	95	100		95
I			5	0	5		5	0	0	0		0	0	0		0	0	5			5
R	50	15	5	0	10	25	5	10	0	0	10	5	0	6	70	0	5	0	0		0



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Raoultella ornithinolytica

	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	47	47	47	47	46	47	47	47	47	47	46	47	42	47	47	47	47	47	47	47	47
S	6	83	74	98	100	91	100	100	100	100	96	100	100	100	4	87	94	100	91		98
I			11	2	0		0	0	0	0		0	0	0		0	4	0			2
R	94	17	15	0	0	9	0	0	0	0	4	0	0	0	96	13	2	0	9		0

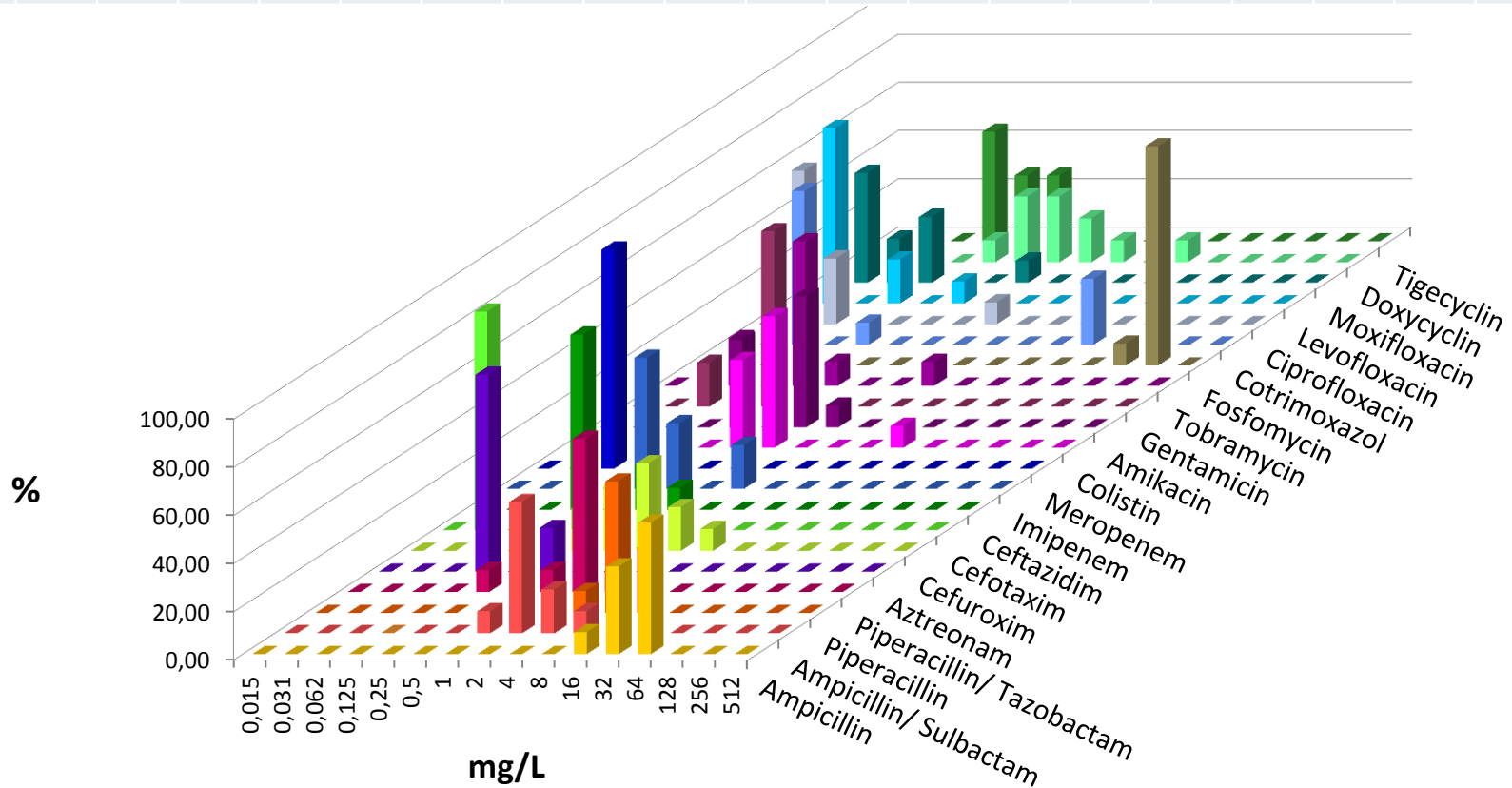


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Raoultella planticola



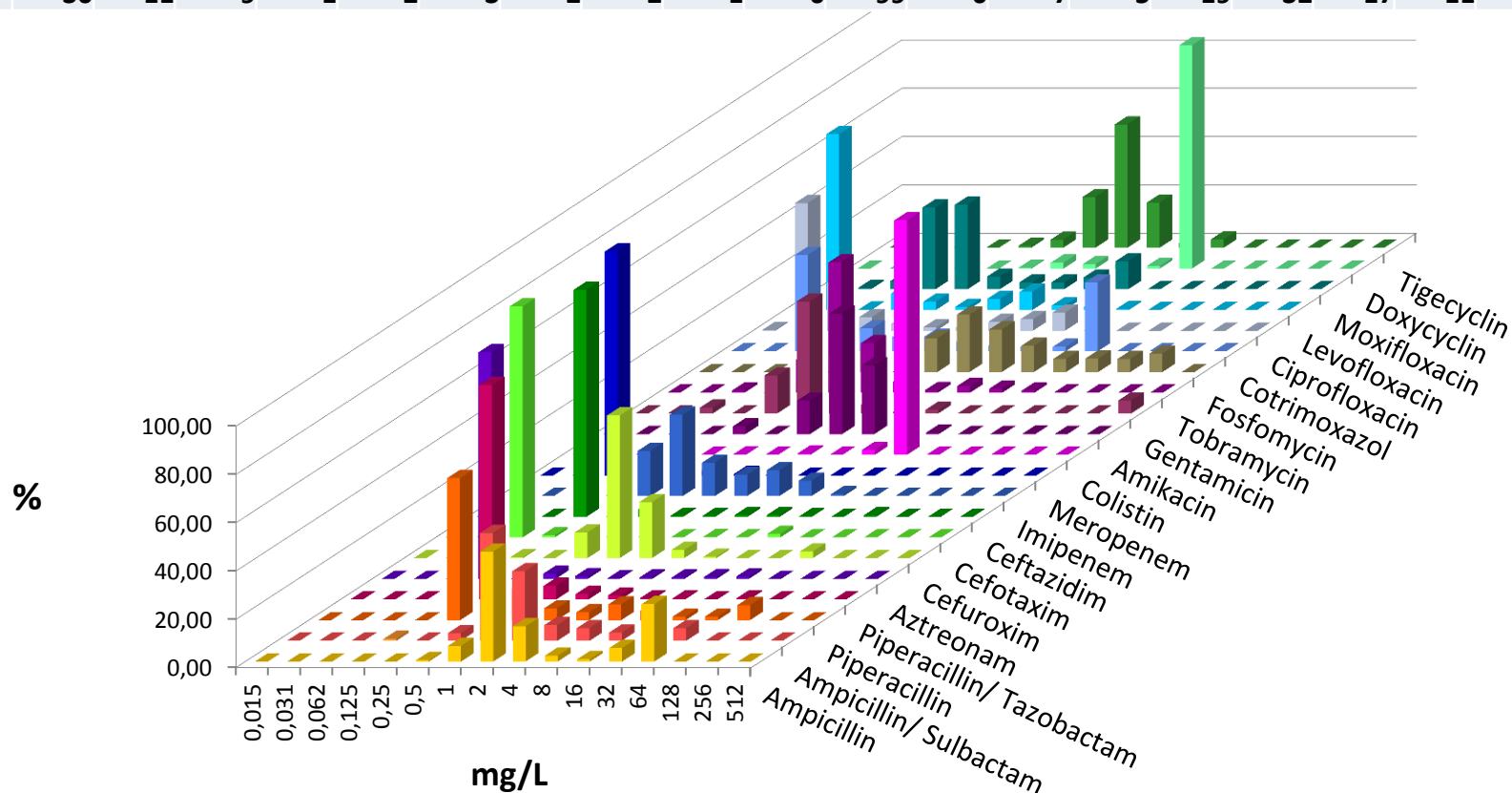
	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	11	11	11	11	11	11	11	11	11	11	11	11	10	11	11	11	11	11	11	11	11
S	0	91	73	100	100	100	100	100	100	100	91	100	100	90	0	73	91	100	91		100
I			27	0	0		0	0	0	0		0	0	10		0	0	0			0
R	100	9	0	0	0	0	0	0	0	0	9	0	0	0	100	27	9	0	9		0



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Proteus mirabilis

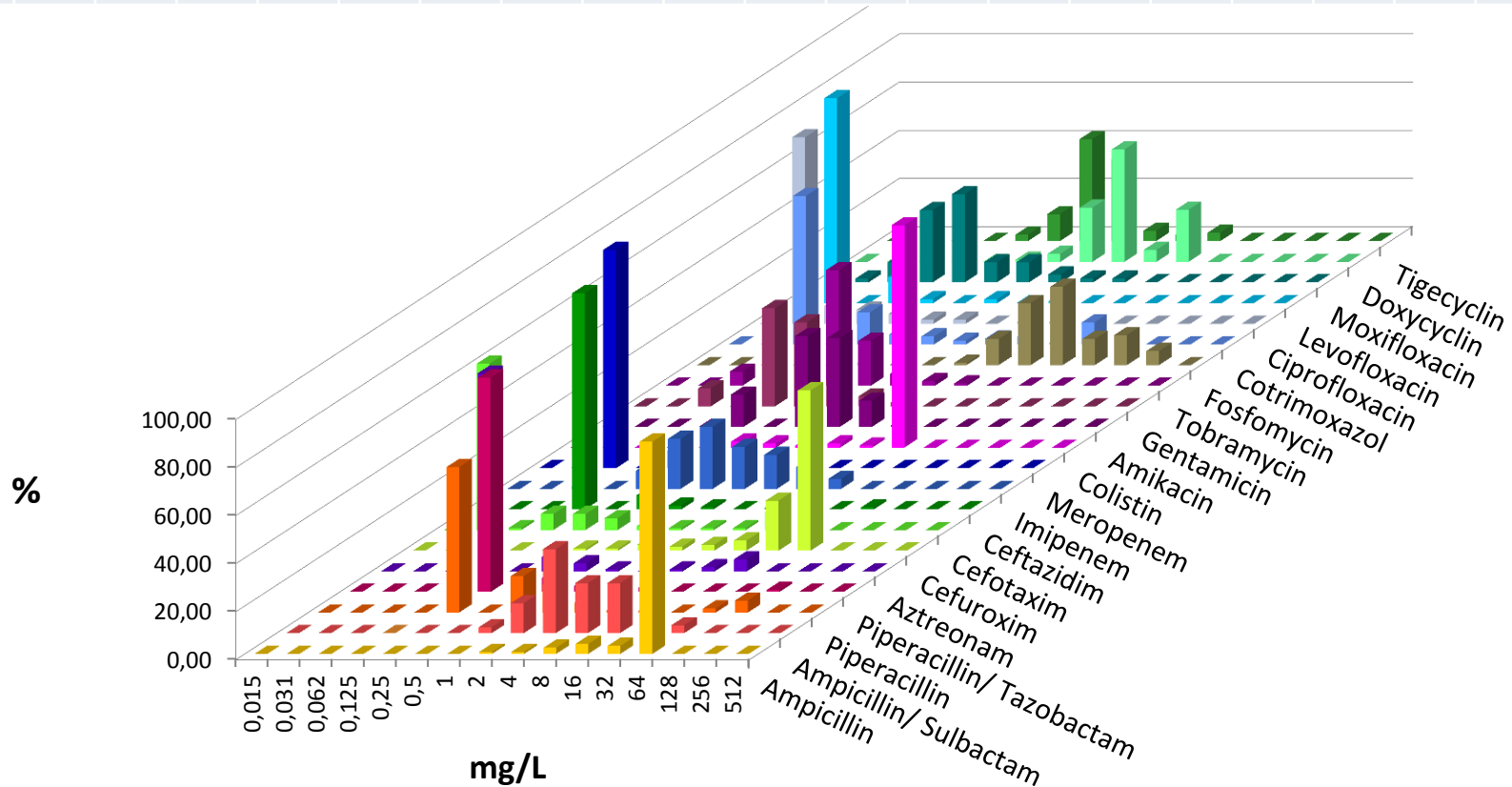
	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	535	535	535	535	535	535	535	535	534	535	534	535	464	535	533	535	535	535	535	514	535
S	70	89	87	99	97	97	98	97	82	100	1	99	92	94	81	65	81	84	73		25
I			4	0	1		0	0	17	0		1	1	1		2	1	5			51
R	30	11	9	1	2	3	2	2	1	0	99	0	7	5	19	32	17	11	27		24



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Proteus vulgaris

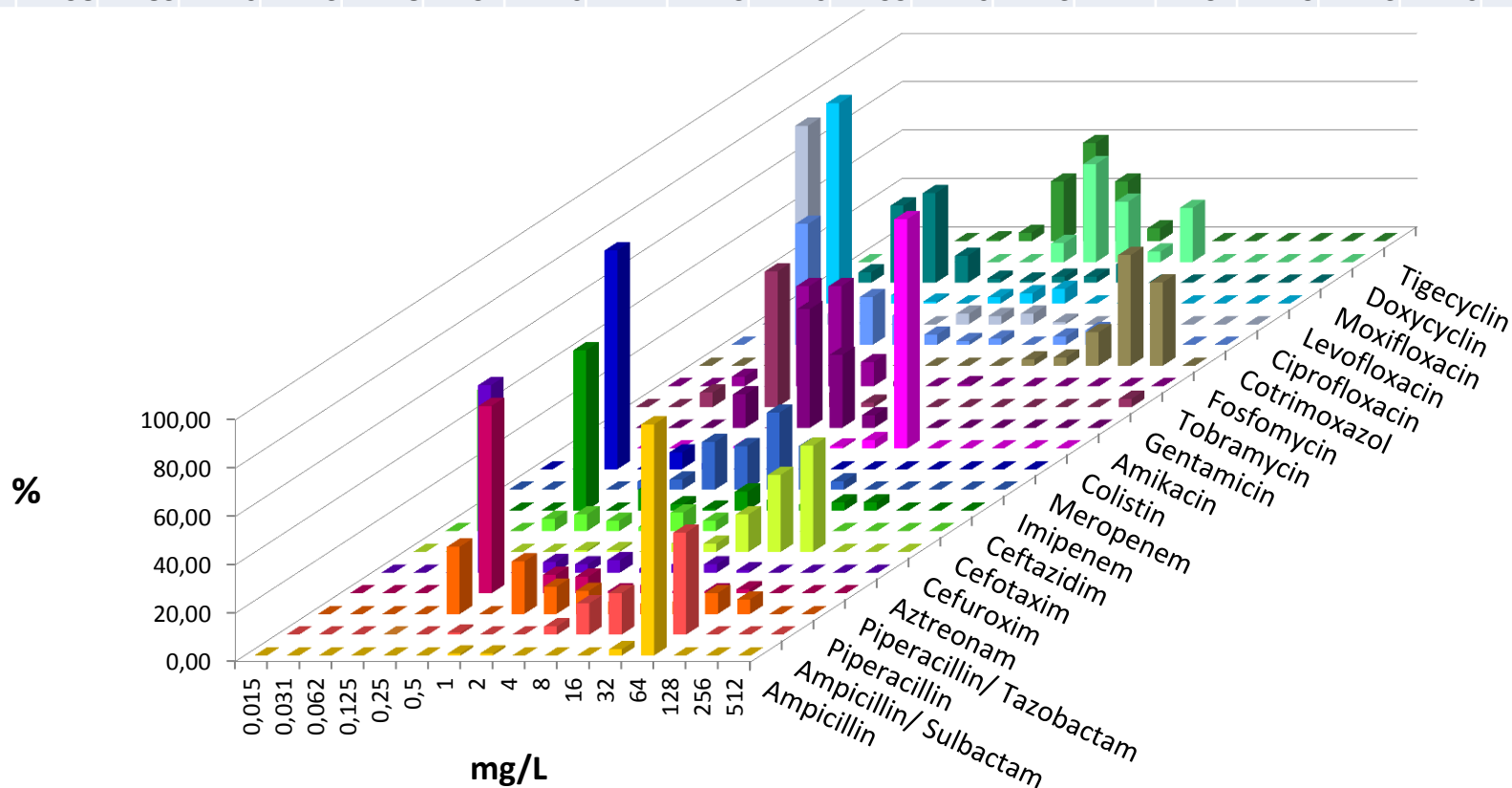
	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	120	120	119	120	119	120	120	120	120	120	119	120	102	120	120	120	120	120	120	116	120
S	4	71	92	99	92	8	90	98	73	100	5	100	98	97	71	84	95	98	77		56
I			1	0	1		1	1	23	0		0	2	2		3	2	2			34
R	96	29	7	1	8	92	9	2	4	0	95	0	0	1	29	13	3	1	23		10



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Morganella morganii

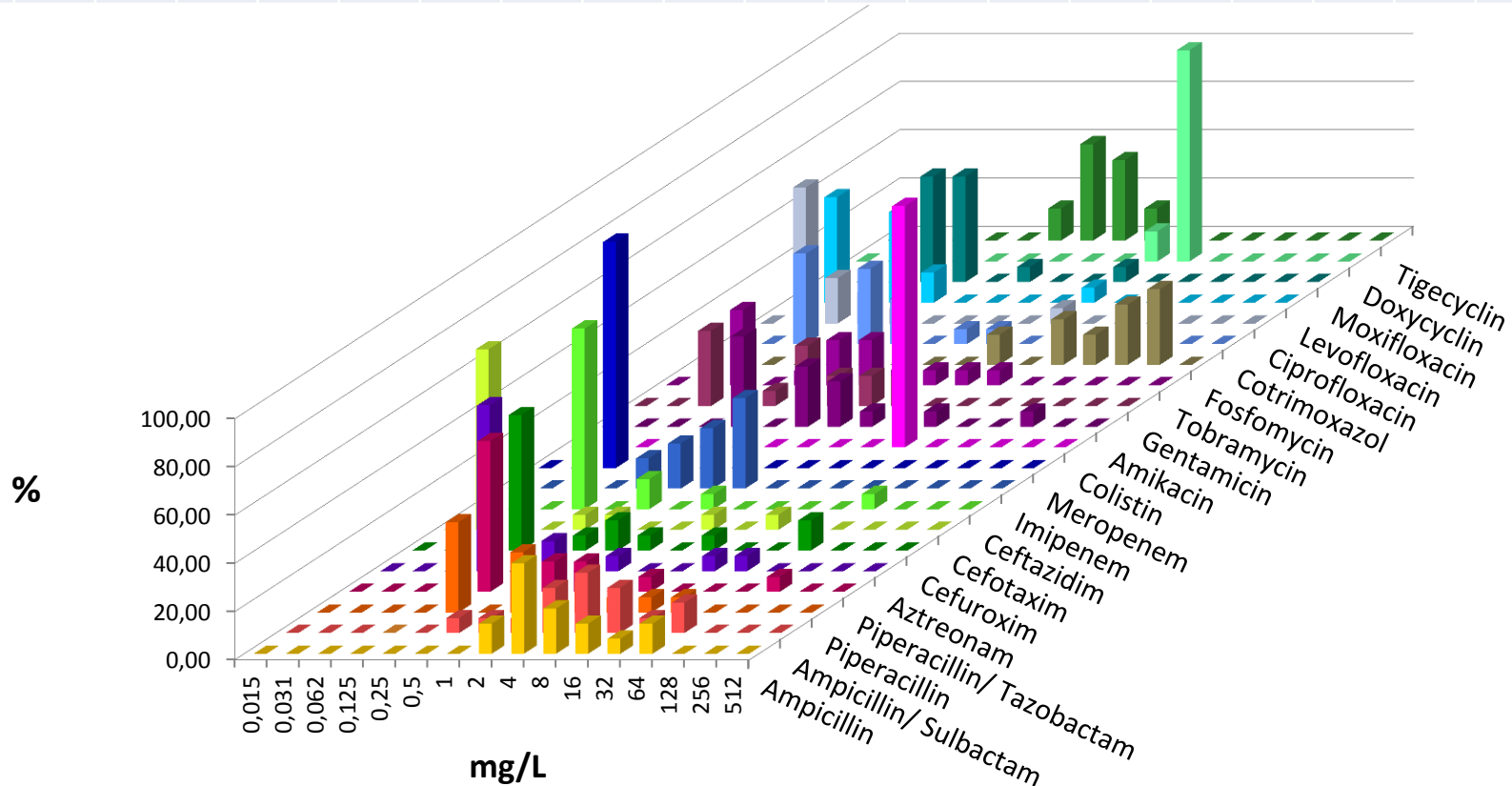
	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	116	116	115	116	116	116	116	116	116	116	116	116	99	116	116	116	116	116	116	113	115
S	2	17	76	97	85	9	77	78	47	100	1	100	97	99	6	88	87	87	84		70
I			4	1	7		8	1	50	0		0	0	0		3	0	3			25
R	98	83	20	3	8	91	16	22	3	0	99	0	3	1	94	9	13	10	16		5



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Providencia rettgeri

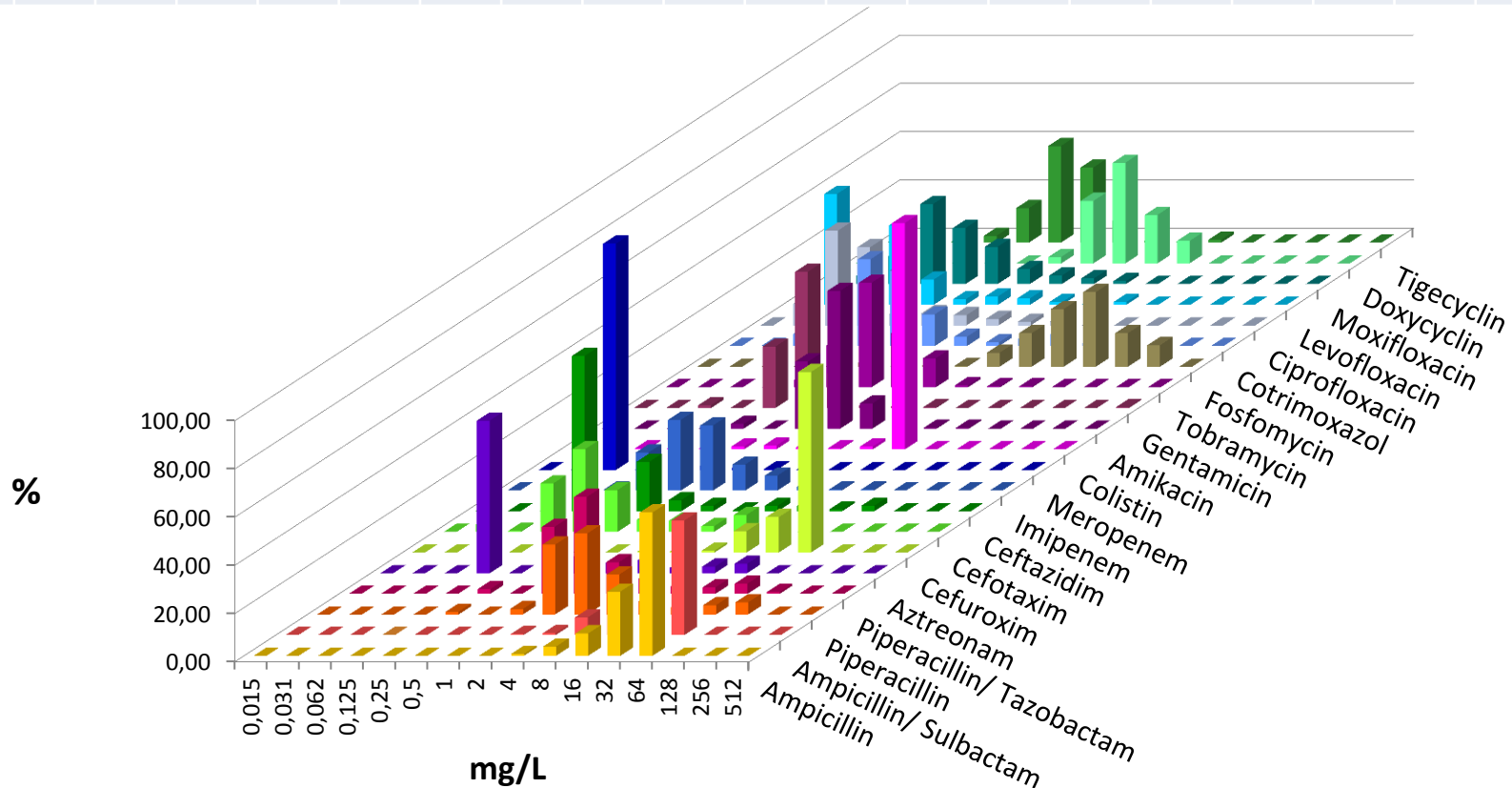
	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	15	16
S	69	63	88	94	81	88	88	88	100	100	0	88	88	81	31	94	94	94	88		53
I			6	0	6		0	6	0	0		6	13	6		6	0	0			33
R	31	38	6	6	13	13	13	6	0	0	100	6	0	13	69	0	6	6	13		13



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Serratia marcescens

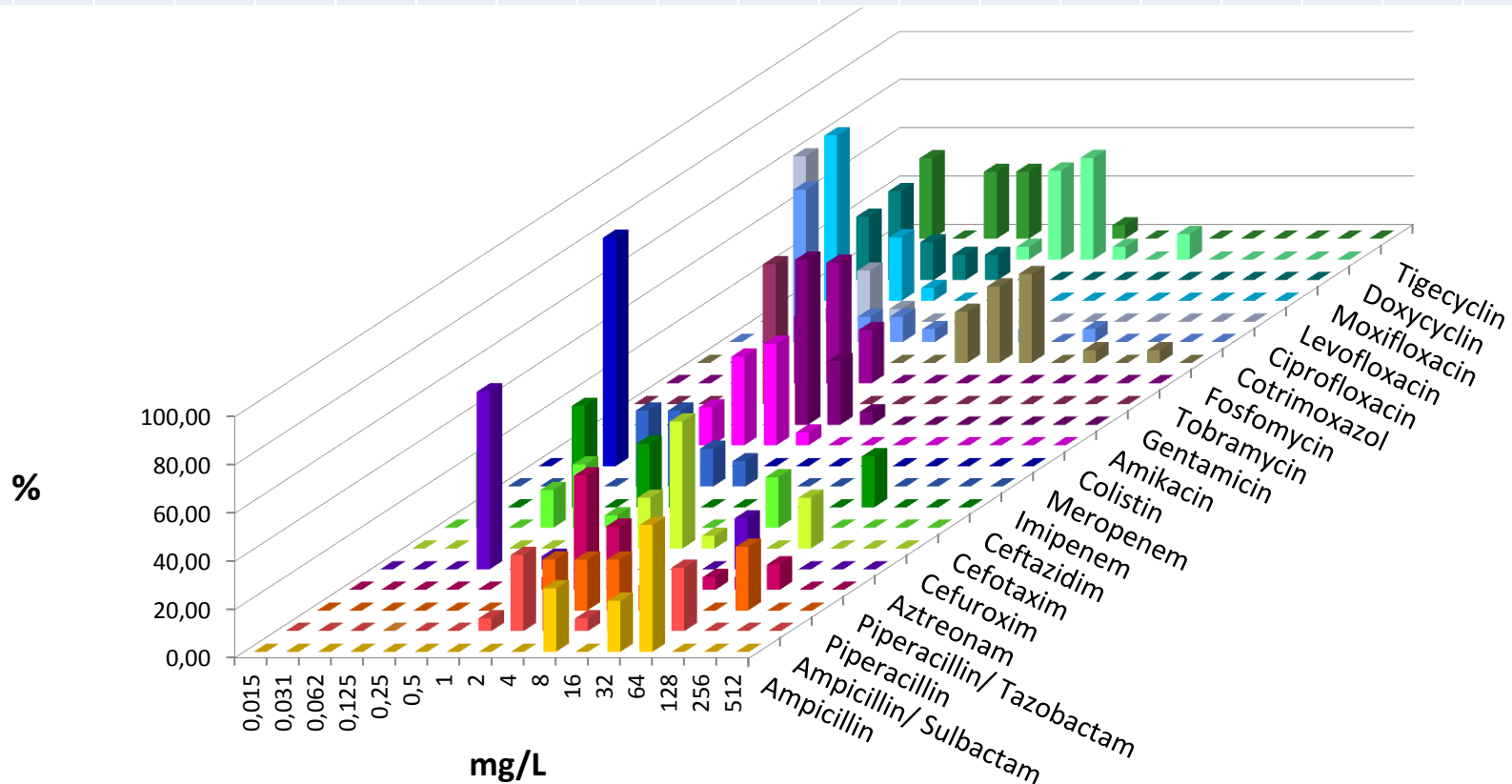
	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	259	259	259	259	259	259	259	259	259	259	259	259	224	259	259	260	259	259	259	245	257
S	5	8	83	89	81	2	80	90	92	100	5	99	98	86	46	89	85	92	71		89
I			5	3	10		5	2	8	0		0	1	12		2	5	3			9
R	95	92	12	8	9	98	15	8	1	0	95	0	1	2	54	9	10	5	29		2



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Citrobacter braakii

	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	19	19	19	19	19	19	19	19	19	19	19	19	18	19	19	19	19	19	19	18	19
S	26	58	63	79	79	79	79	79	100	100	100	100	100	100	89	89	100	100	89		94
I			11	0	0		0	0	0	0		0	0	0		0	0	0			6
R	74	42	26	21	21	21	21	21	0	0	0	0	0	0	11	11	0	0	11		0

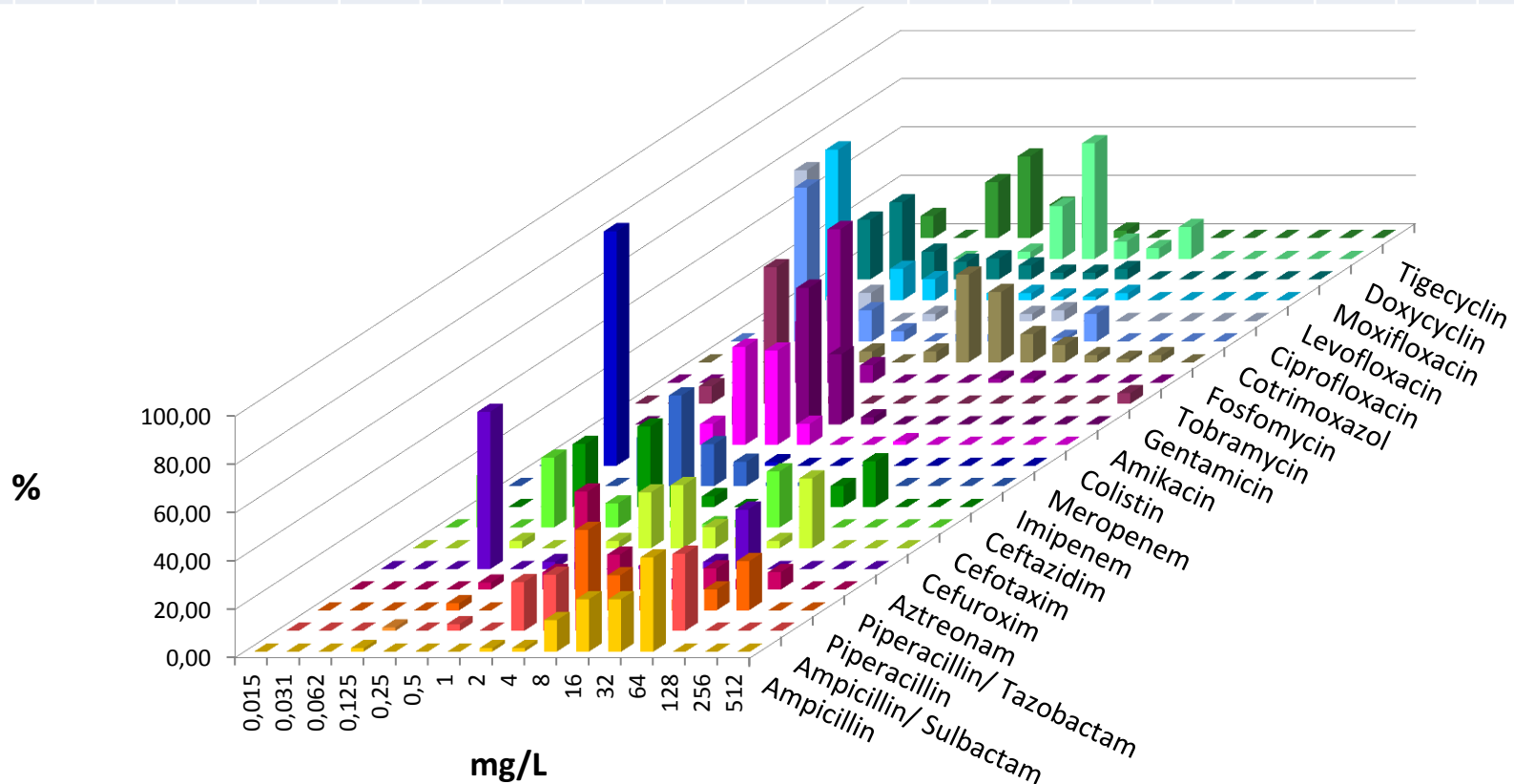


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Citrobacter freundii



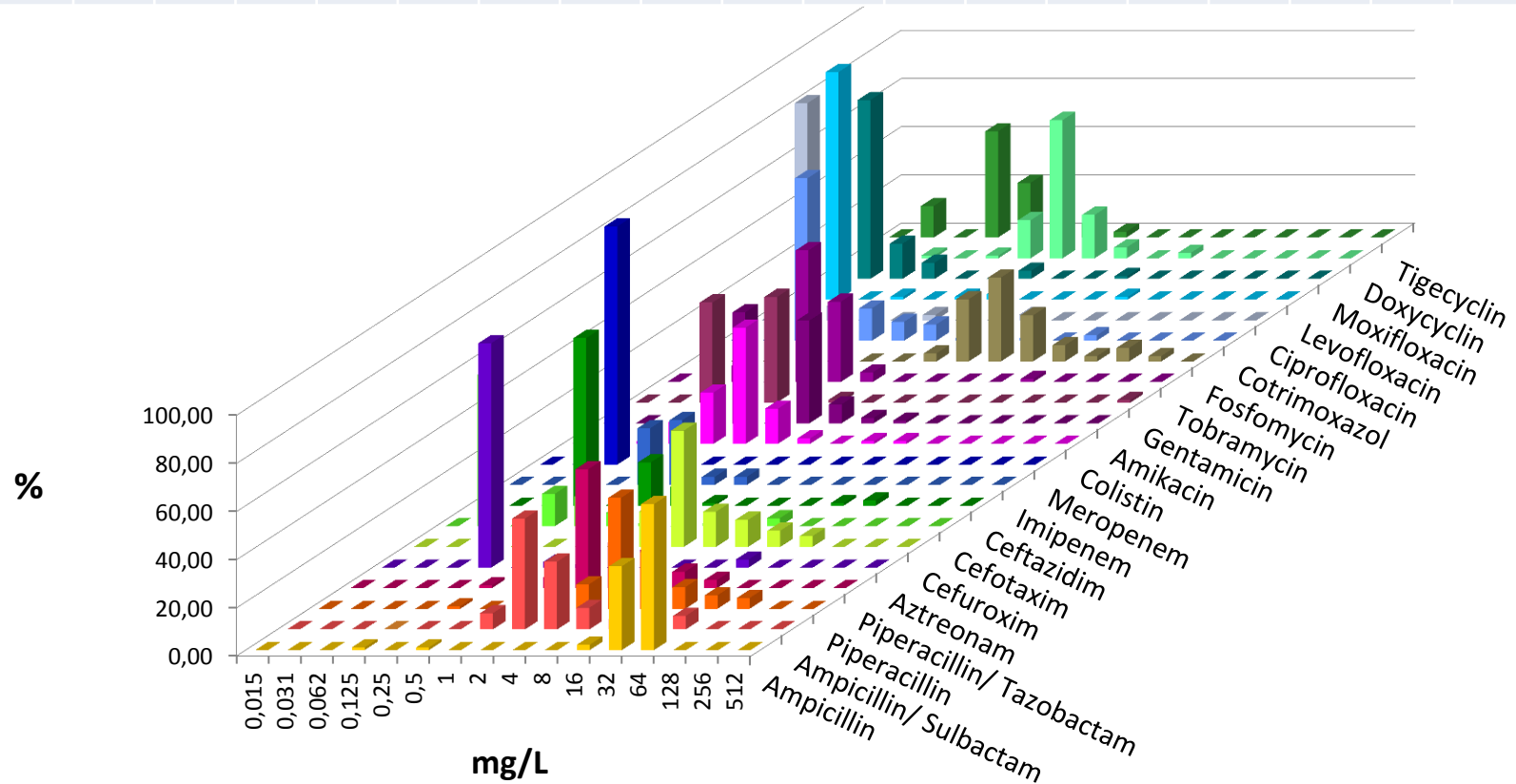
	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	69	69	69	69	69	69	69	69	69	69	69	69	55	69	69	69	69	69	69	65	69
S	17	61	61	75	71	64	70	68	97	100	99	100	96	96	93	84	84	88	75		97
I			6	4	1		3	4	3	0		0	0	0		3	3	3			3
R	83	39	33	20	28	36	28	28	0	0	1	0	4	4	7	13	13	9	25		0



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Citrobacter koseri

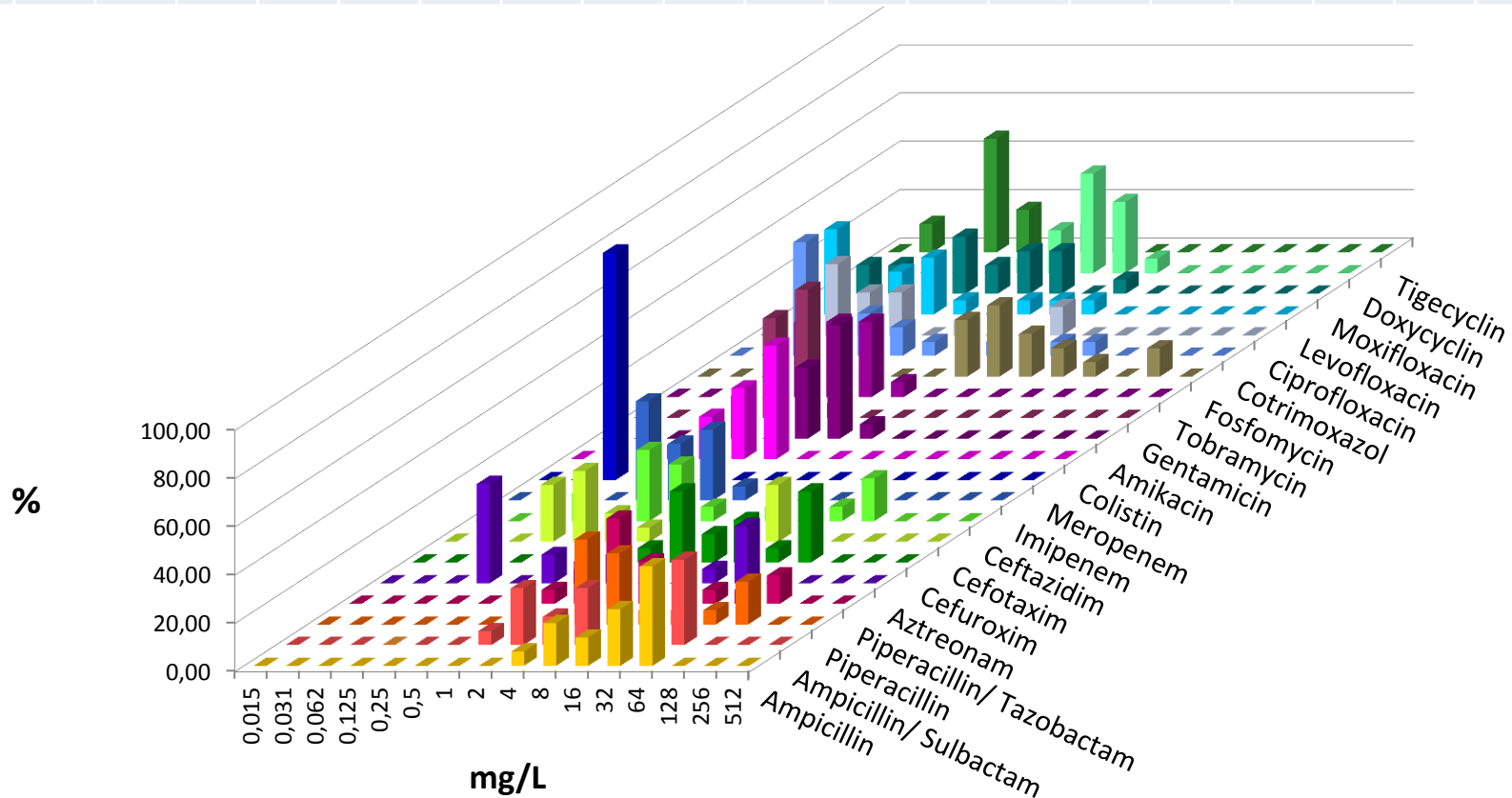
	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	89	89	89	89	89	89	89	89	89	89	89	89	75	89	89	89	89	89	89	84	89
S	2	90	57	90	97	78	96	96	100	100	98	100	99	99	90	97	96	97	96		98
I			24	7	0		0	1	0	0		0	0	0		0	2	2			2
R	98	10	19	3	3	22	4	3	0	0	2	0	1	1	10	3	2	1	4		0



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Citrobacter werkmanii

	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	17	17	17	17	17	17	17	17	17	17	17	17	16	17	17	17	17	17	17	17	17
S	24	65	65	76	59	47	71	65	100	100	100	100	100	100	82	82	82	82	47		94
I			6	0	12		0	6	0	0		0	0	0		6	0	0			6
R	76	35	29	24	29	53	29	29	0	0	0	0	0	0	18	12	18	18	53		0

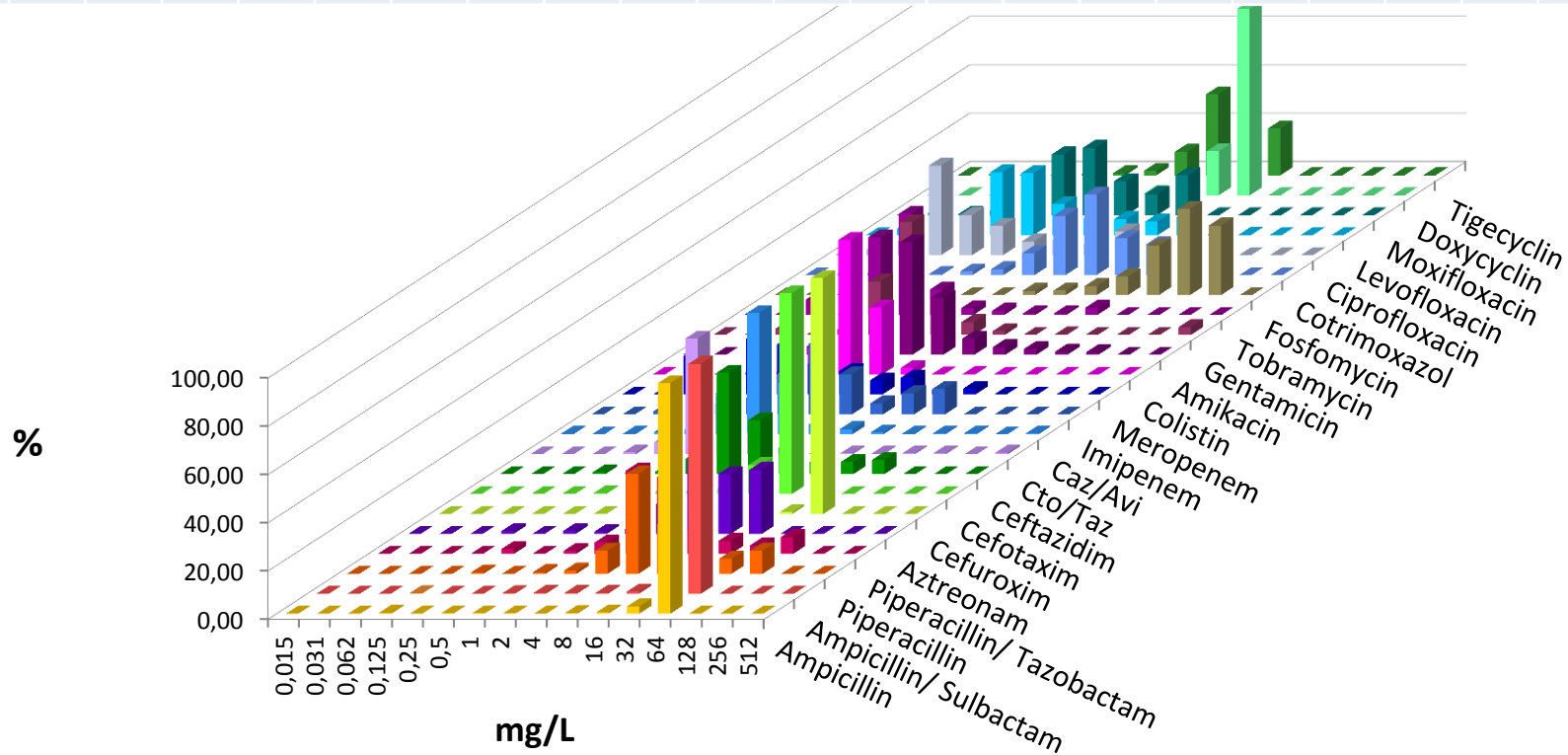


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Pseudomonas aeruginosa



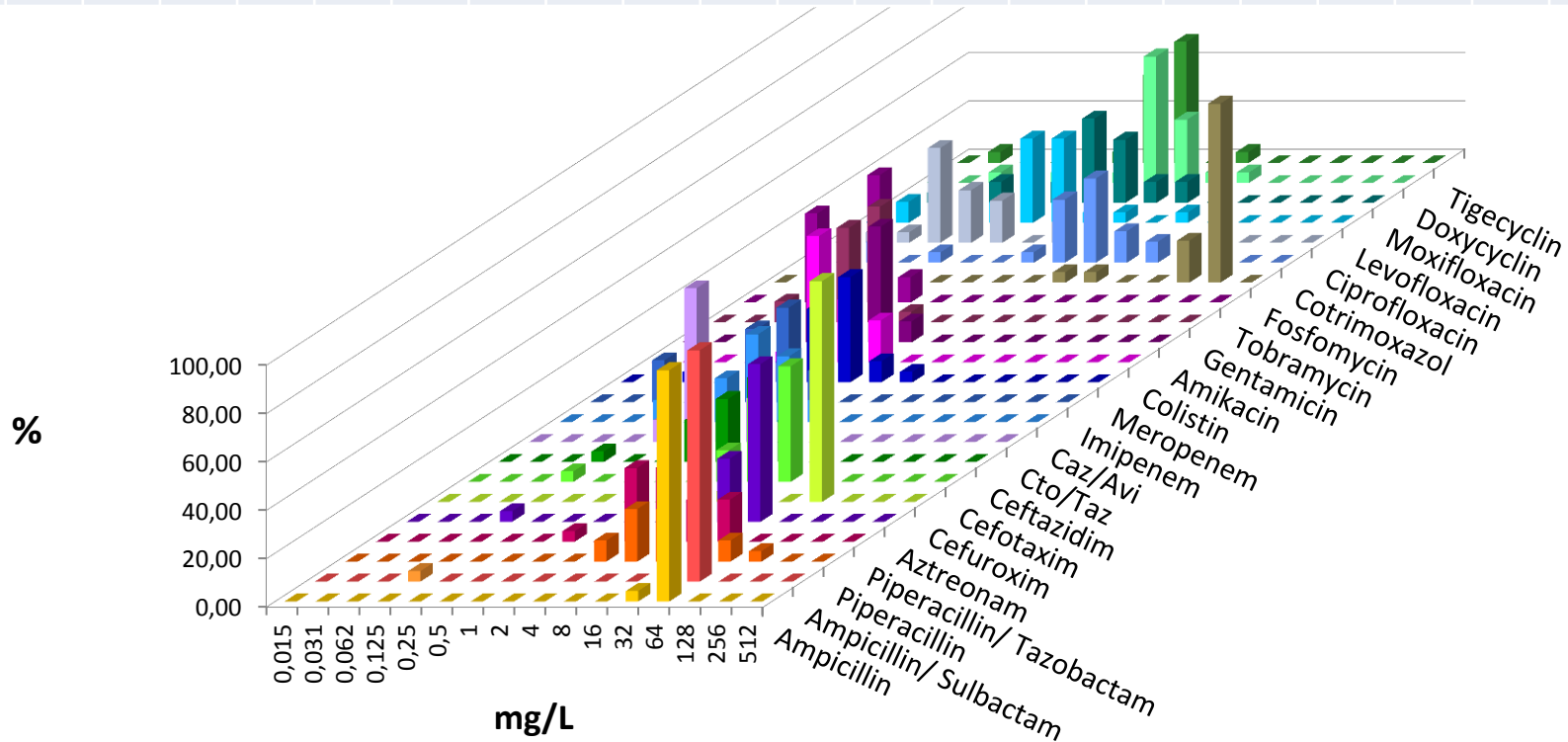
	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	CTO/ TAZ	CAZ/ AVI	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	860	861	862	864	861	861	861	864	452	453	864	864	863	860	863	746	858	861	864	864	861	861	850
S			74	84	3			84	98	98	76	83	97	92	93	96			74	73			
I					70						5	13		3									
R			26	16	27			16	2	2	19	5	3	5	5	4			26	27			



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Pseudomonas putida

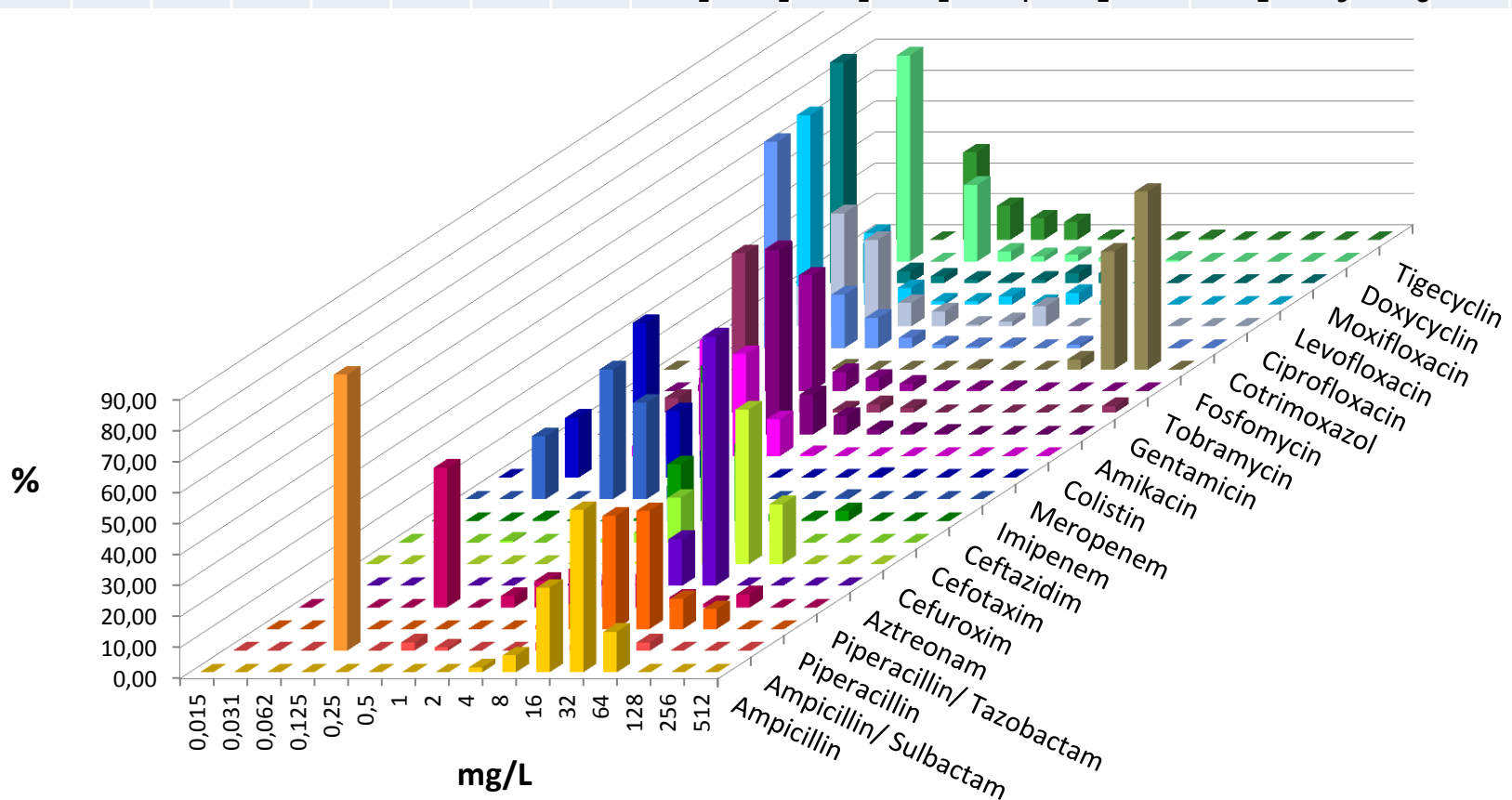
	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	CTO/ TAZ	CAZ/ AVI	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	23	23	23	23	23	23	23	23	11	11	23	23	23	23	23	19	23	23	23	23	23	23	22
S			52	83	4			100	100	100	100	87	100	100	100	100			87	87			
I					30						0	13		0									
R			48	17	65			0	0	0	0	0	0	0	0	0			13	13			



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Acinetobacter baumannii

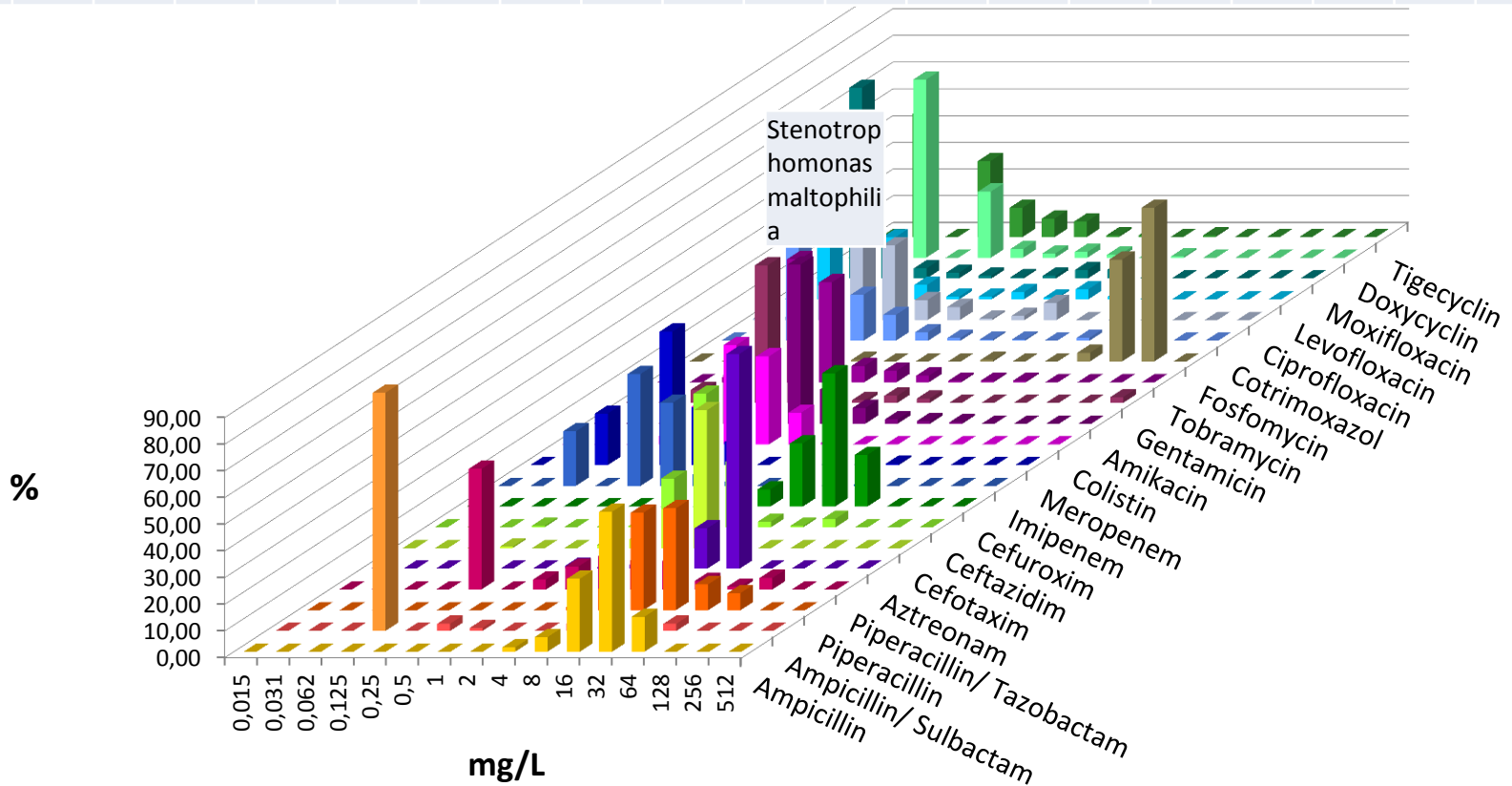
	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	183	186	186	186	185	186	186	186	186	186	185	186	186	163	186	186	186	186	185	186	173
S									99	99	99	98	96	98		98	91	91			
I									0	0		1				1		1			
R									1	1	1	1	4	2		2	9	8			



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Stenotrophomonas maltophilia

	AMP	ASU	PIP	PIT	AZT	CFX	CTX	CAZ	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	183	186	186	186	185	186	186	186	186	186	185	186	186	163	186	186	186	186	185	186	173
S																98					
R																2					

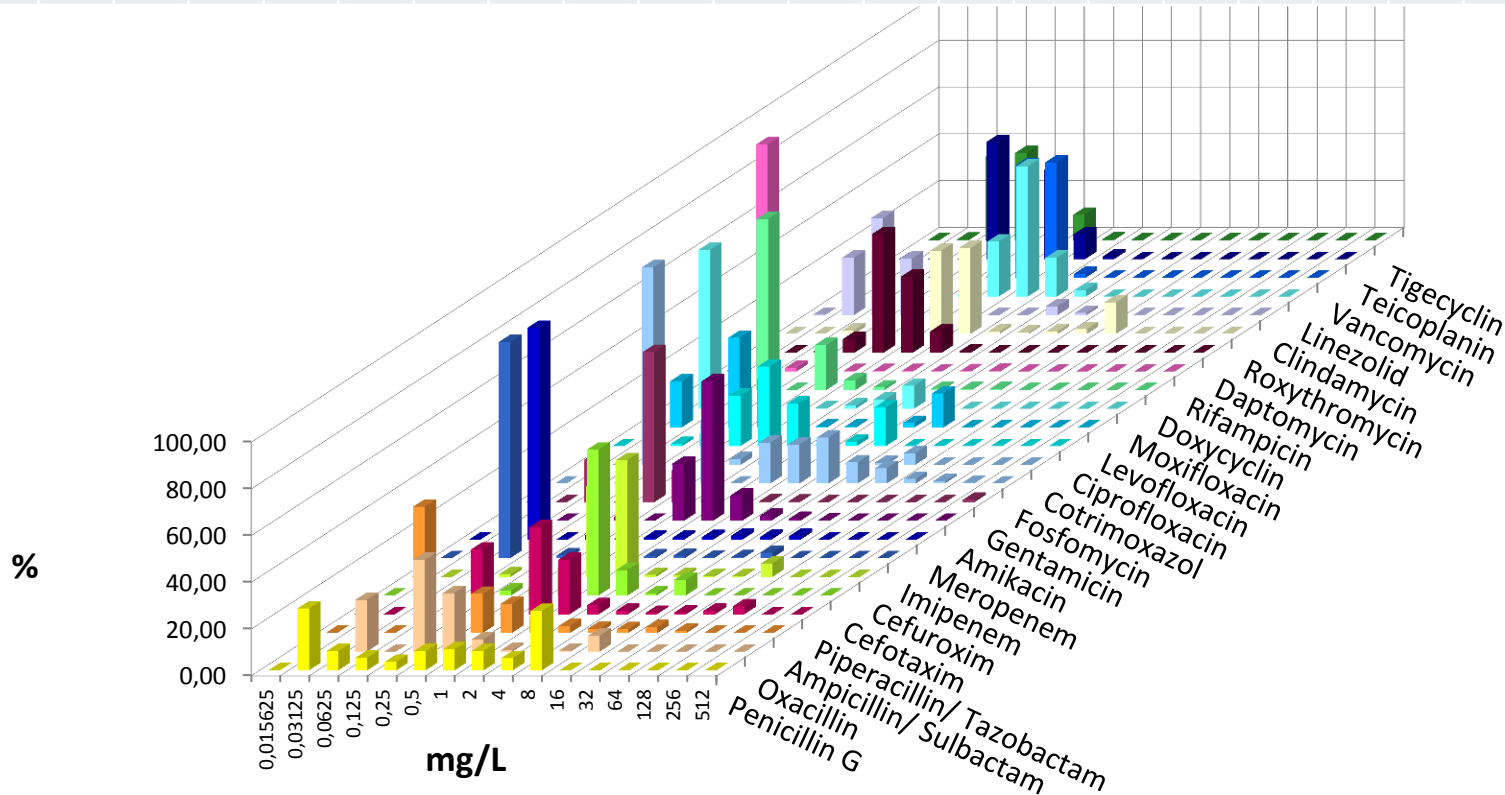


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Staphylococcus aureus



	PEN	OXA	ASU	PIT	CXM	CTX	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	DOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TGC
n	2269	2268	2266	2268	2270	2268	2269	2270	2267	2269	2267	2252	2268	2269	2268	2268	2269	2267	2269	2268	2268	2269	2268	1398
S	40	93							99	98	97	92	81	82	82	98	99	99	81	94	100	100	100	99
I									1			1				1	0		1	0				
R	60	7							0	2	3	7	19	18	18	1	1	1	18	5	0	0	0	1



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Staphylococcus lugdunensis



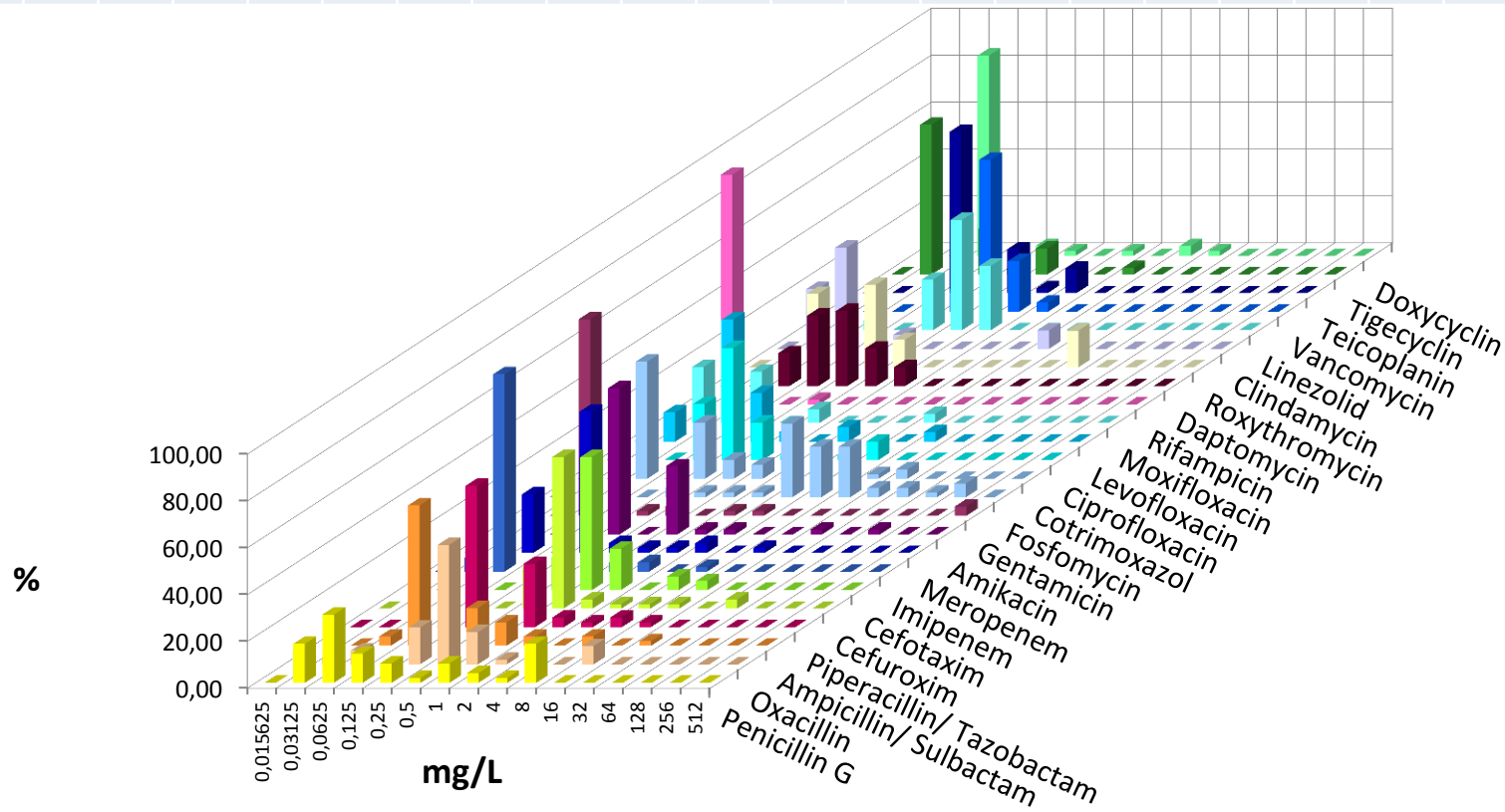
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ZENTRUM FÜR
INFEKTIONSMEDIZIN

	PEN	OXA	ASU	PIT	CXM	CTX	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	DOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TGC
n	48	51	50	48	51	51	51	48	48	50	51	50	50	48	50	48	51	50	51	51	51	51	48	36
S	58	24							96	90	88	88	90	90	90	92	98	100	84	92	100	100	100	97
I									0			0				2	2		0	0				
R	42	76							4	8	12	12	10	10	10	6	0	0	16	8	0	0	0	3



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Staphylococcus epidermidis



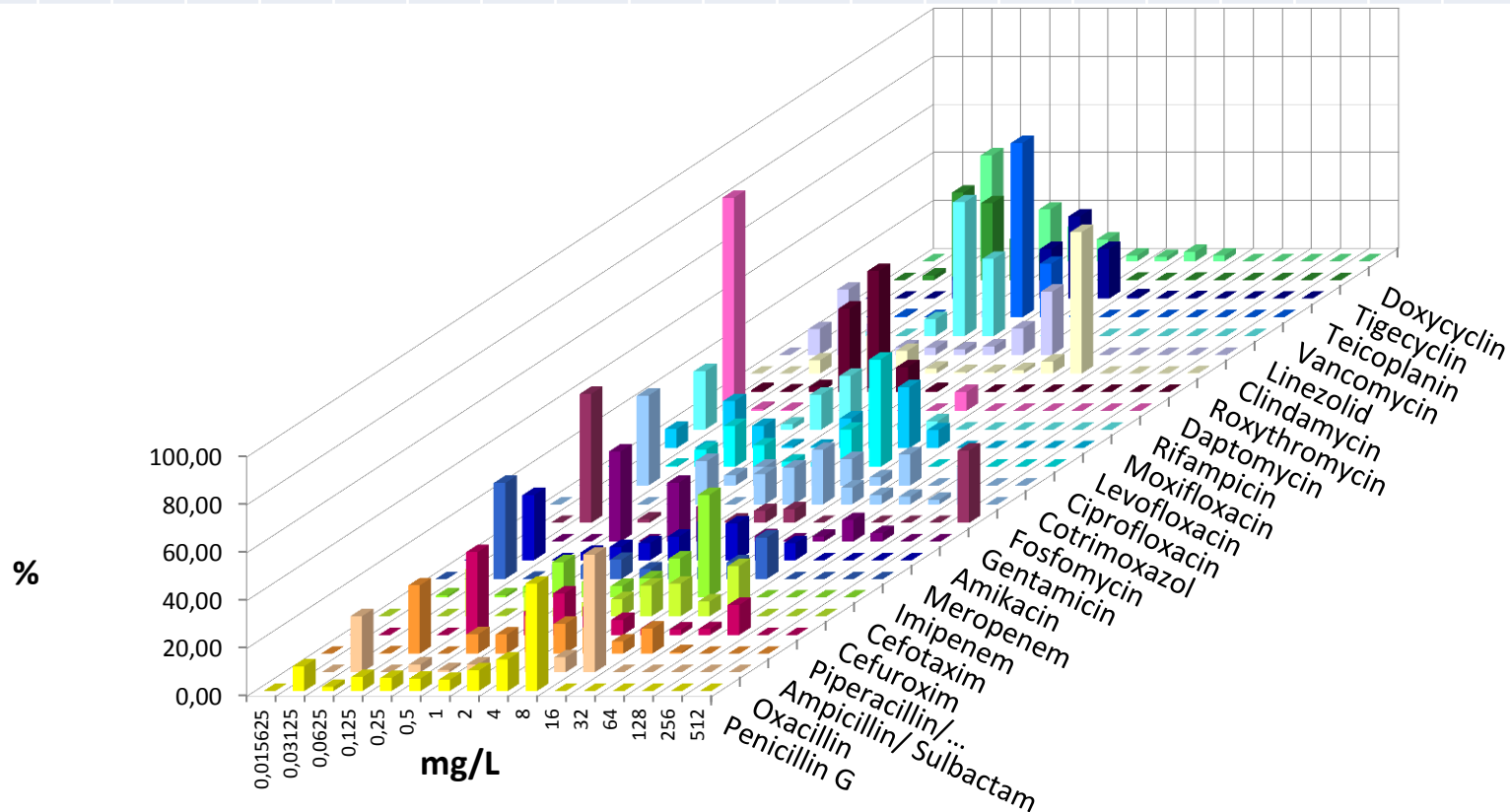
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ZENTRUM FÜR
INFEKTIONSMEZIN

	PEN	OXA	ASU	PIT	CXM	CTX	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	DOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TGC
n	1239	1244	1241	1238	1244	1238	1240	1236	1236	1242	1240	1232	1246	1237	1236	1236	1245	1243	1246	1246	1246	1246	1241	843
S	18	27							85	57	80	62	38	39	40	89	91	99	33	54	100	100	99	99
I									0			10				2	1		0	3				
R	82	73							15	42	20	28	62	61	60	8	9	1	66	43	0	0	1	1

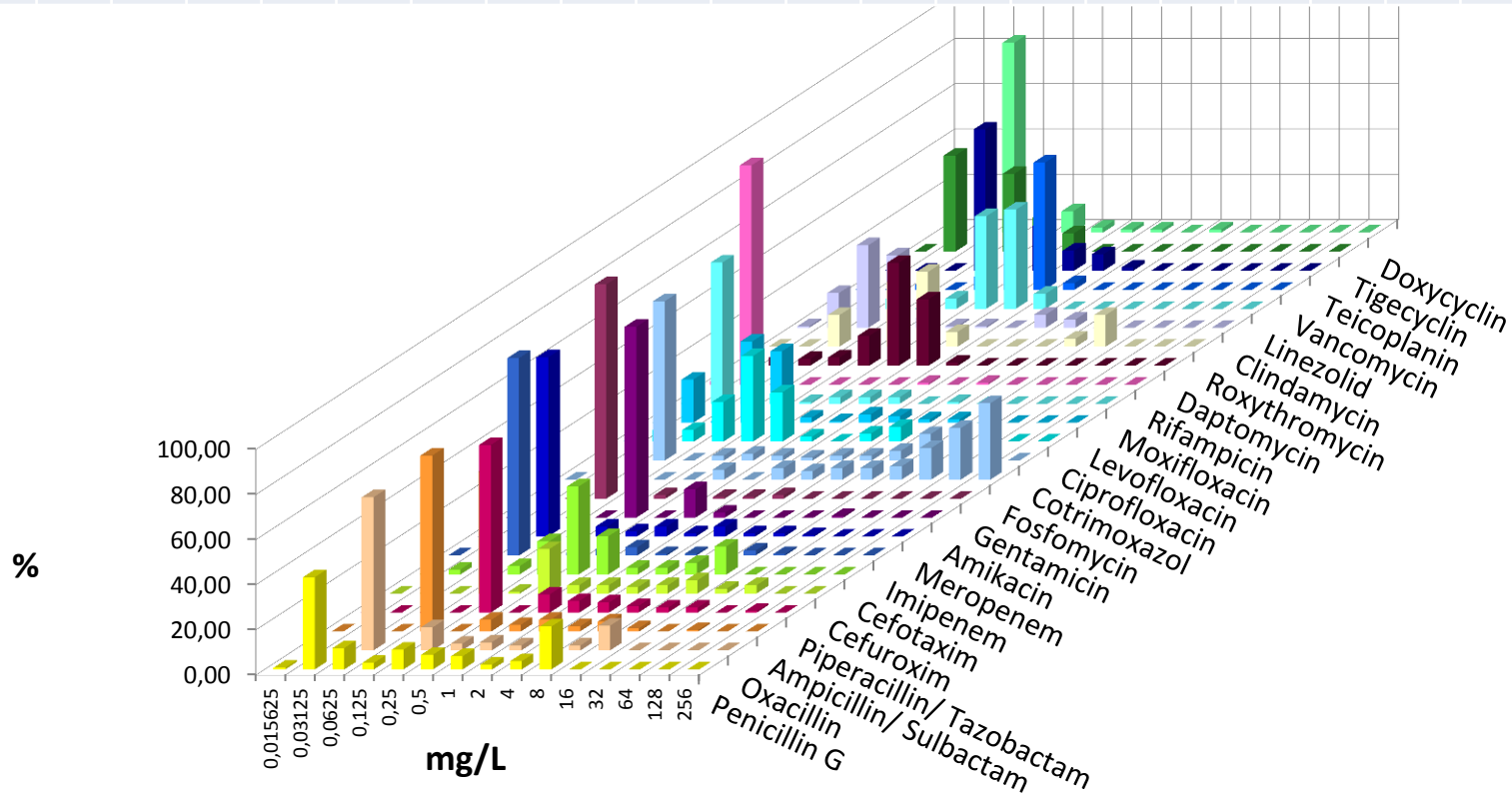


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Staphylococcus capitis



	PEN	OXA	ASU	PIT	CXM	CTX	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	DOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TGC
n	137	137	136	136	137	136	136	136	136	136	136	136	137	136	136	137	137	136	136	137	137	137	136	87
S	54	78							99	97	29	79	90	90	90	97	99	99	82	89	100	100	100	100
I									0			2				1	0		0	1				
R	46	22							1	3	71	18	10	10	10	1	1	1	18	10	0	0	0	0



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Staphylococcus haemolyticus



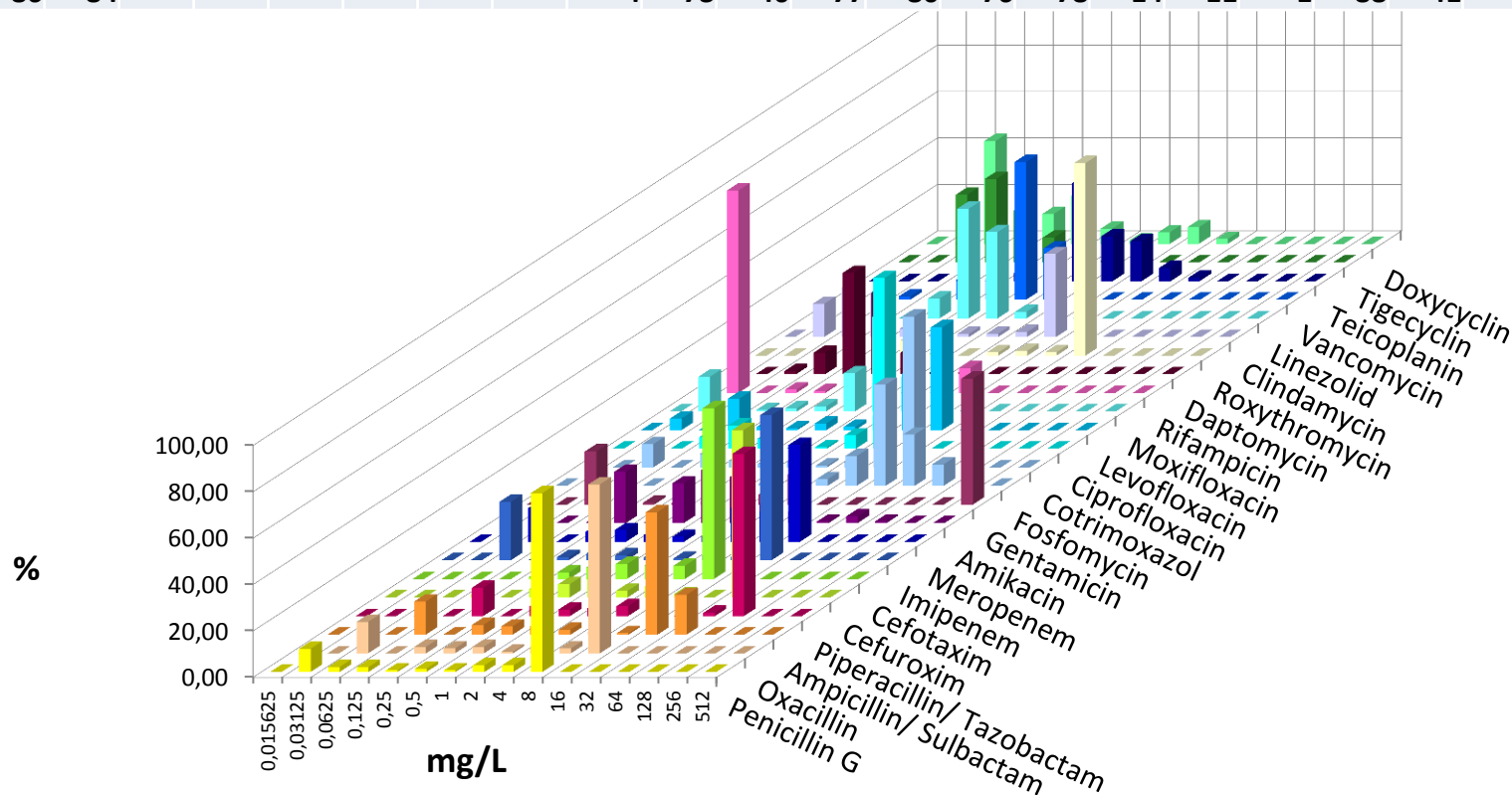
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ZENTRUM FÜR
INFEKTIONSMEDIZIN

	PEN	OXA	ASU	PIT	CXM	CTX	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	DOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TGC
n	140	140	140	140	140	140	139	139	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	103
S	14	16							91	26	60	22	20	24	22	84	87	99	12	59	100	100	76	98
I									5			1				1	2		0	1				
R	86	84							4	73	40	77	80	76	78	14	11	1	88	41	0	0	24	2



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Staphylococcus hominis



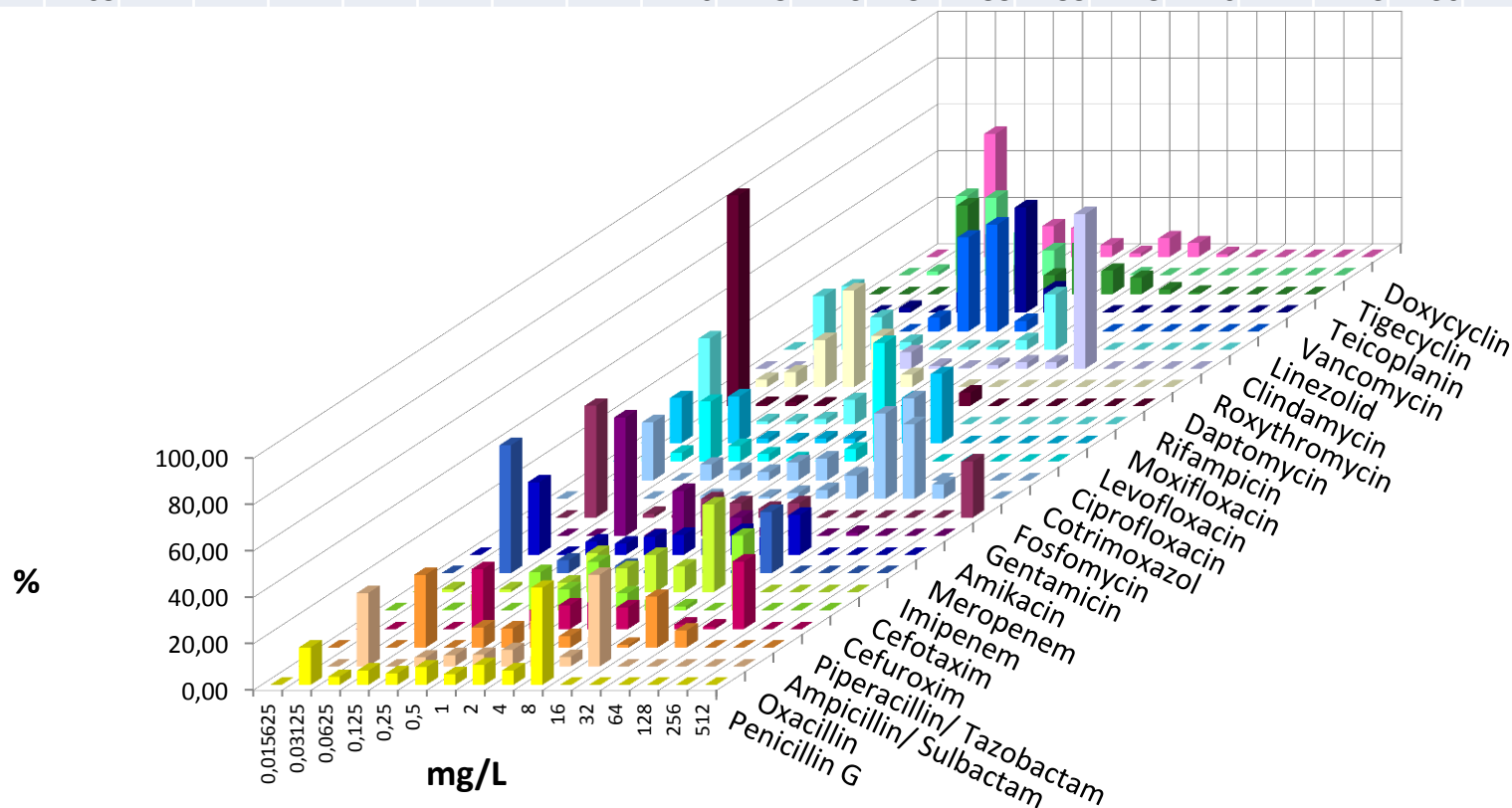
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ZENTRUM FÜR
INFEKTIONSMEDIZIN

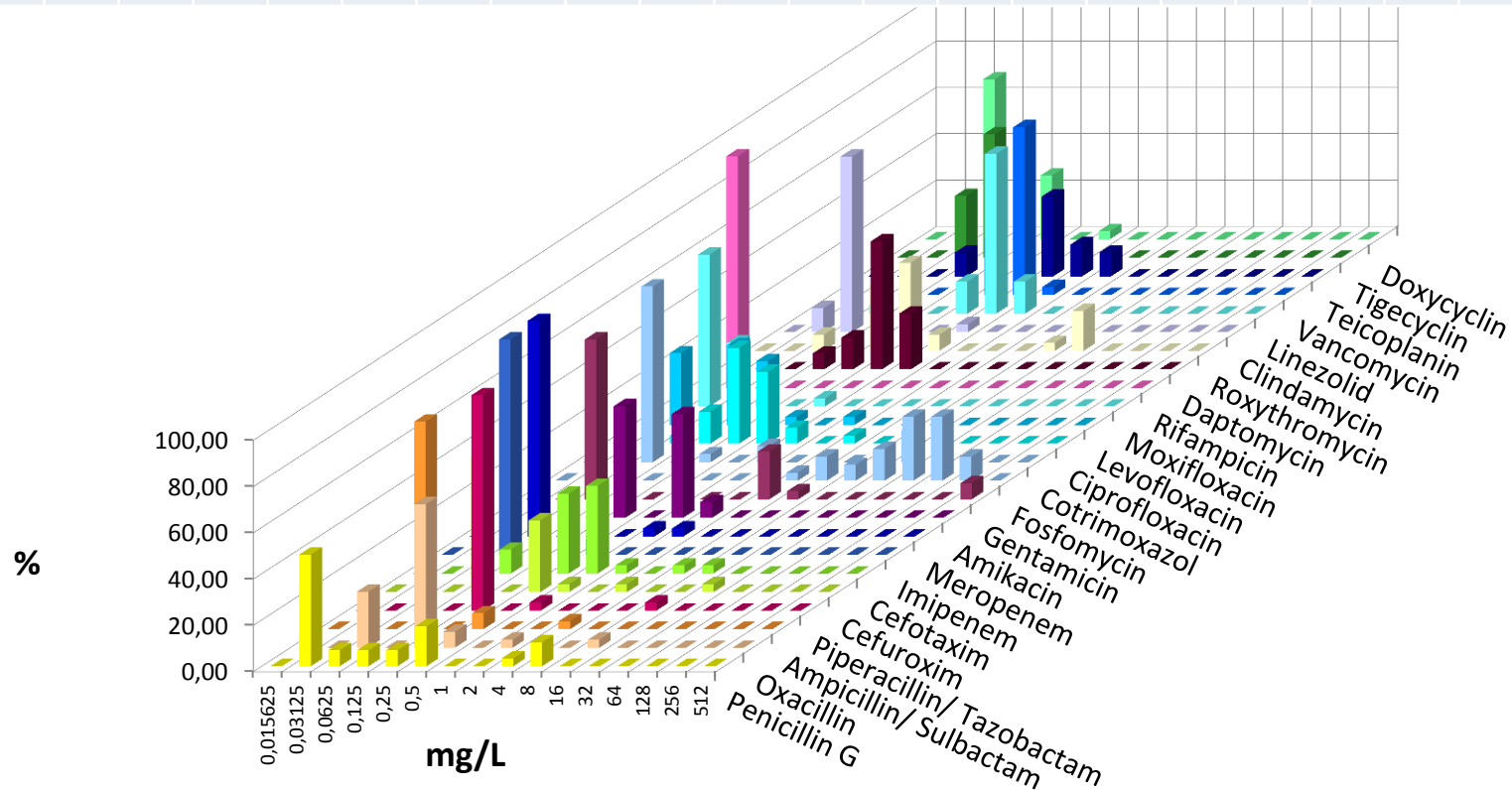
	PEN	OXA	ASU	PIT	CXM	CTX	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	DOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TGC
n	339	339	340	340	340	340	339	339	340	340	339	340	340	339	340	340	339	339	338	339	339	338	339	249
S	26	35							96	59	55	47	43	45	45	84	92	99	26	69	100	100	90	98
I									2			9				1	2		0	1				
R	74	65							2	40	45	43	57	55	55	15	6	1	73	30	0	0	10	2



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Staphylococcus warneri

	PEN	OXA	ASU	PIT	CXM	CTX	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	DOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TGC
n	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	15
S	62	86							100	69	34	86	97	97	97	100	100	100	79	97	100	100	100	100
I									0			0				0	0		0	0				
R	38	14							0	31	66	14	3	3	3	0	0	0	21	3	0	0	0	0



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Staphylococcus saprophyticus



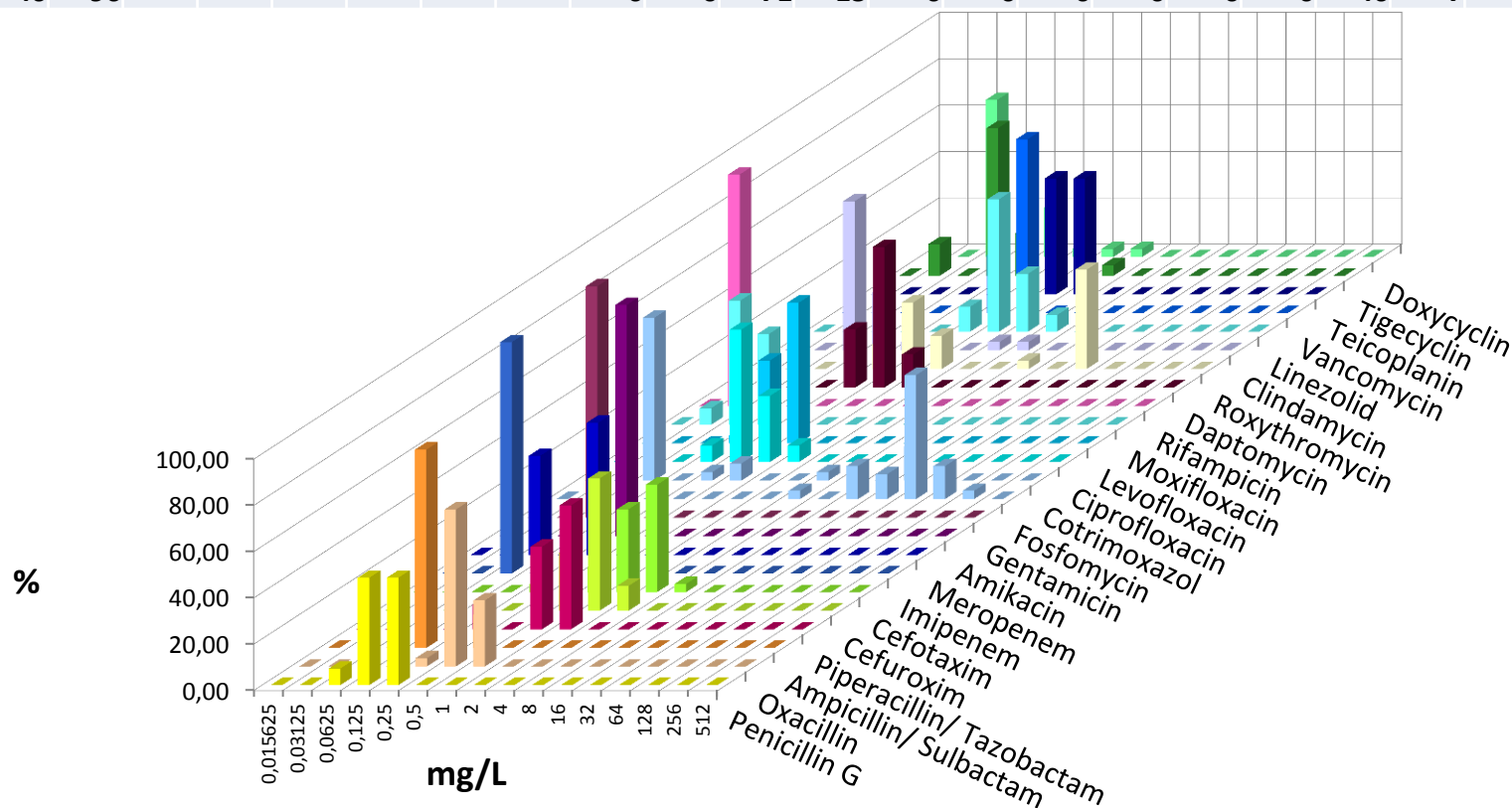
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INFEKTIONSMEDIZIN

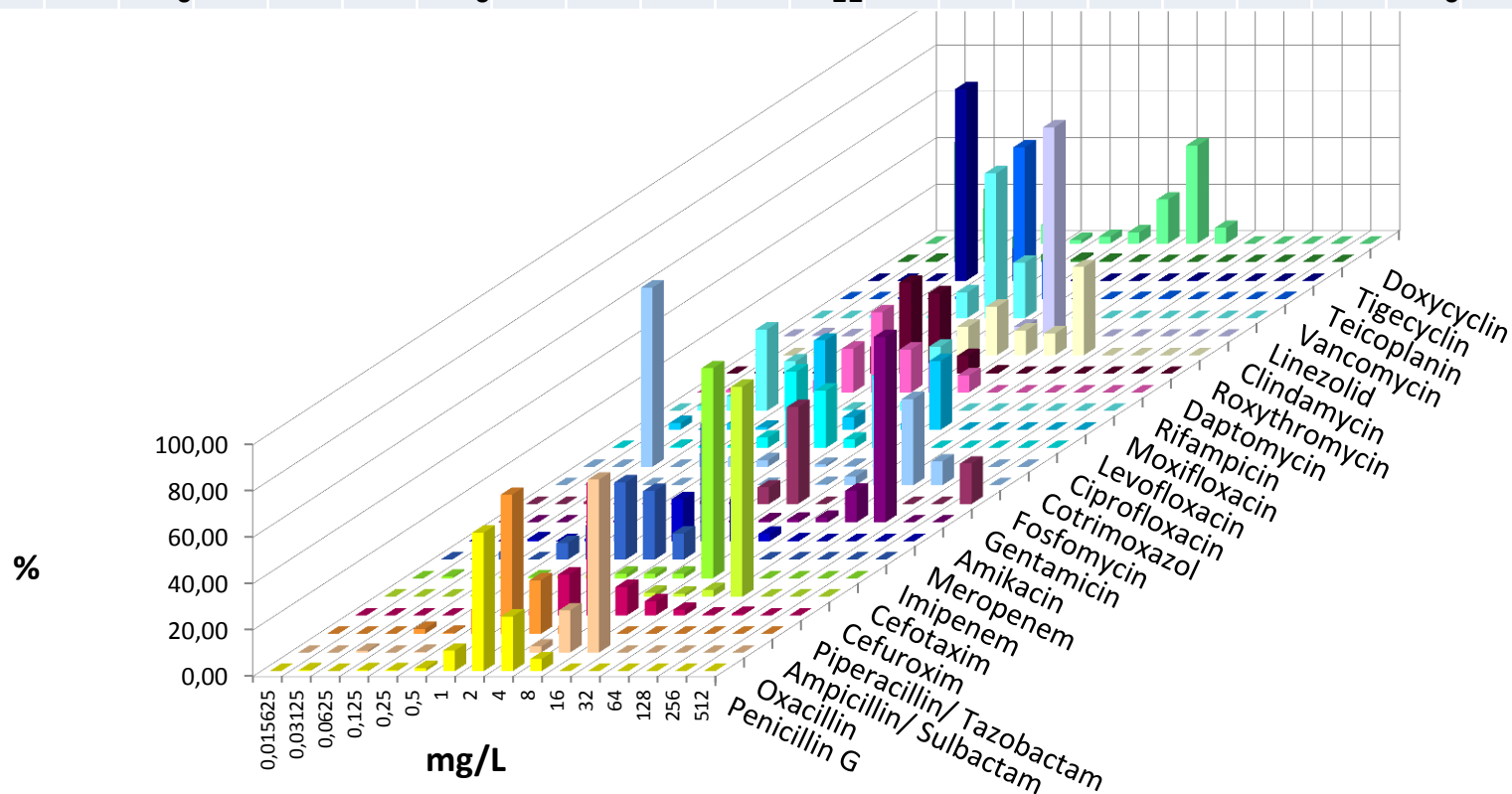
	PEN	OXA	ASU	PIT	CXM	CTX	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	DOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TGC
n	28	28	28	28	28	28	28	28	28	28	28	27	28	28	28	28	28	28	28	28	28	28	28	22
S	54	4							100	100	29	81	100	100	100	96	100	100	54	93	100	100	100	95
I									0			4				4	0		0	0				
R	46	96							0	0	71	15	0	0	0	0	0	0	46	7	0	0	0	5



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Enterococcus faecalis

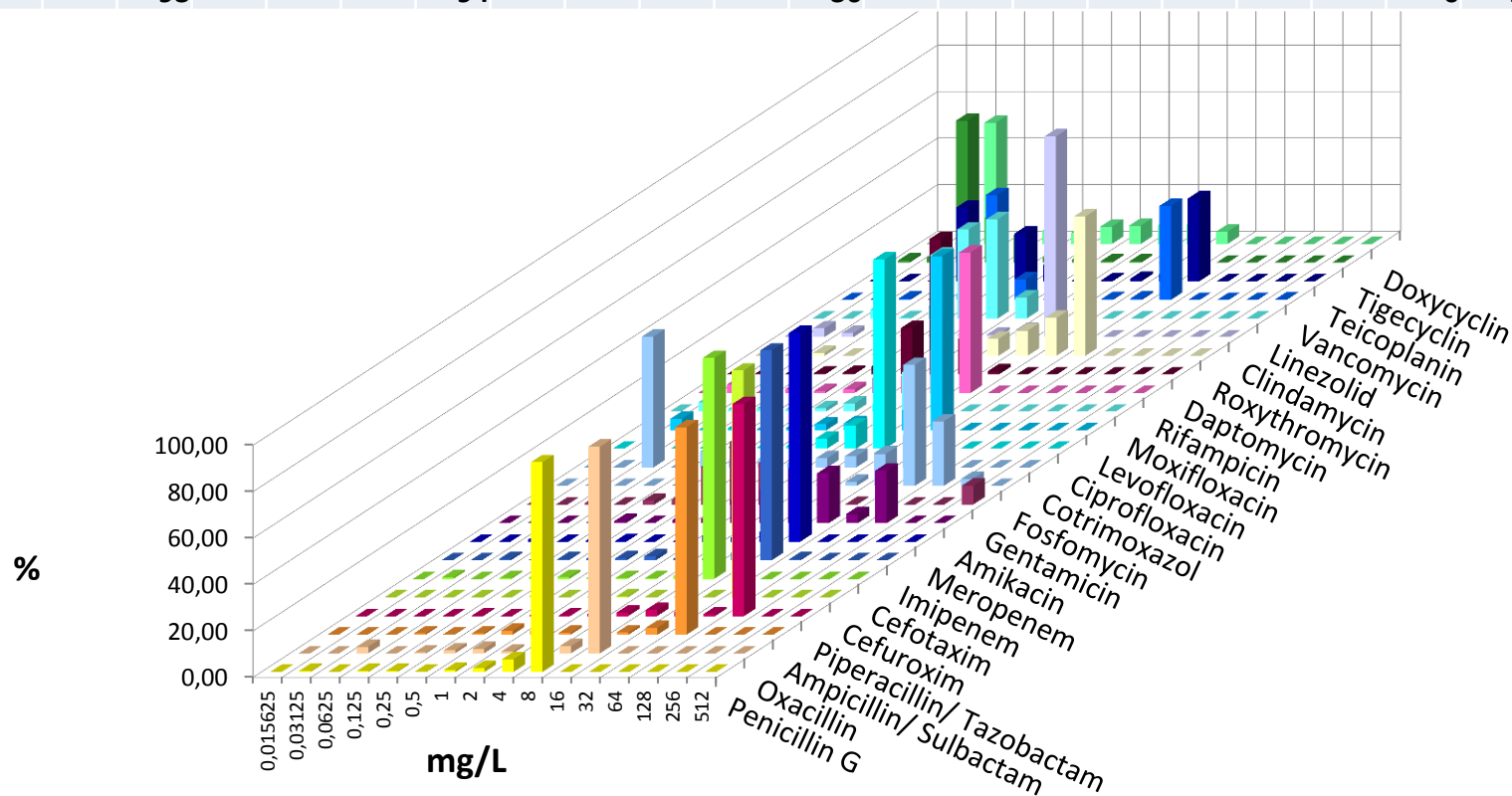
	PEN	OXA	ASU	PIT	CXM	CTX	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TGC	DOX
n	846	847	858	847	847	846	858	848	844	855	848	850	846	843	842	846	849	845	845	857	858	858	520	847
S			100				99					0								100	99	100	95	
I			0				1					89											3	
R			0				0					11								0	1	0	2	



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Enterococcus faecium

	PEN	OXA	ASU	PIT	CXM	CTX	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TGC	DOX
n	457	456	459	454	457	456	459	456	456	458	456	456	454	454	449	455	458	454	454	459	470	469	326	456
S			6				5					0								100	58	60	95	
I			1				1					70											2	
R			93				94					30								0	42	40	2	

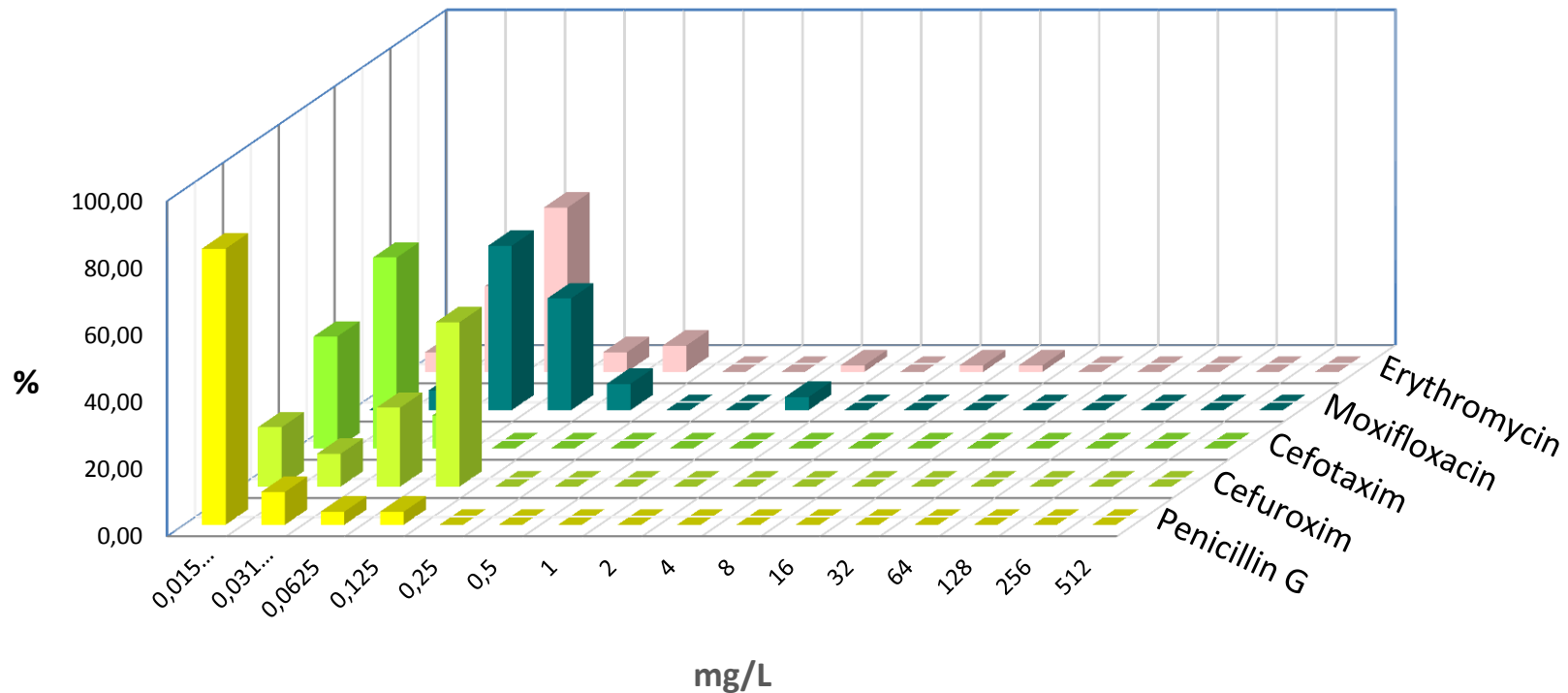


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Streptococcus pneumoniae



	PEN	CFX	CTX	MOX	ERY
n	51	51	51	51	51
S	96	100	100	96	94
I	4	0	0		0
R	0	0	0	4	6



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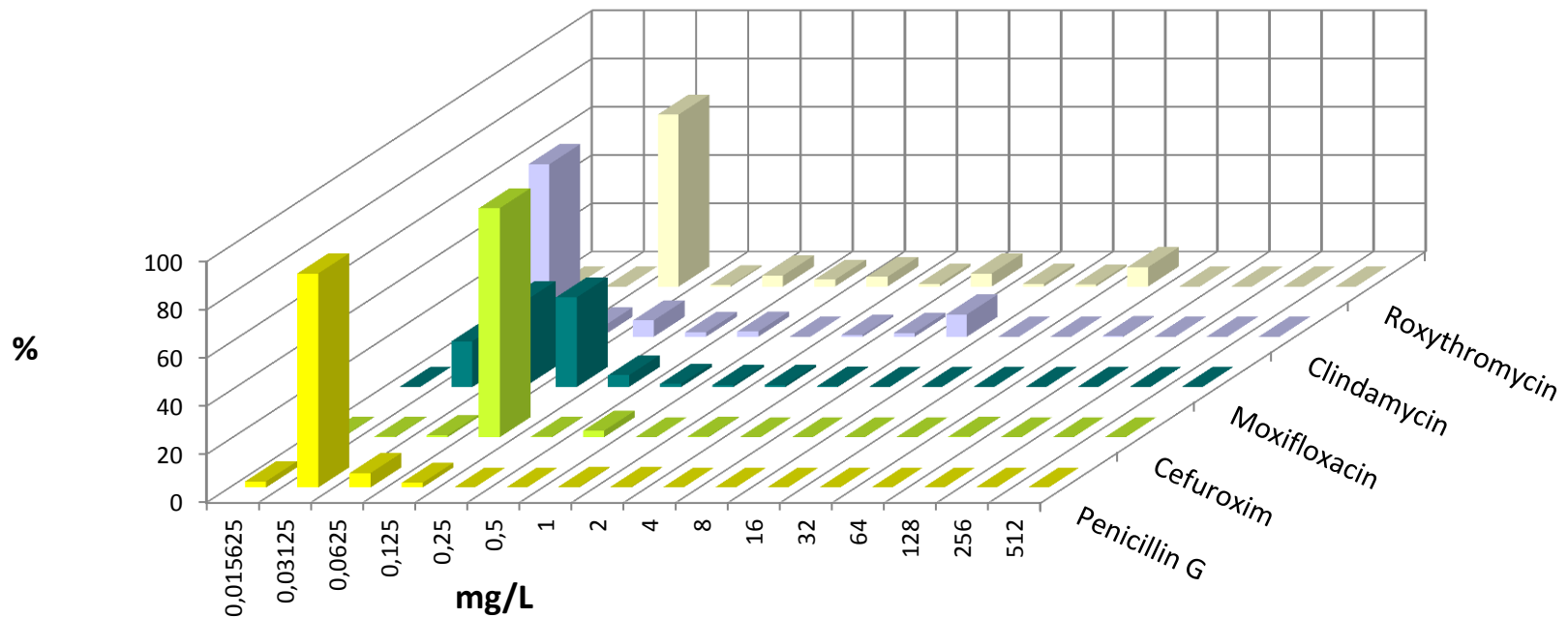
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Streptococcus agalactiae

	PEN	CXM	MOX	CLI	ROX
n	273	298	301	299	273
S	99		97	87	84
I					1
R	1		3	13	16

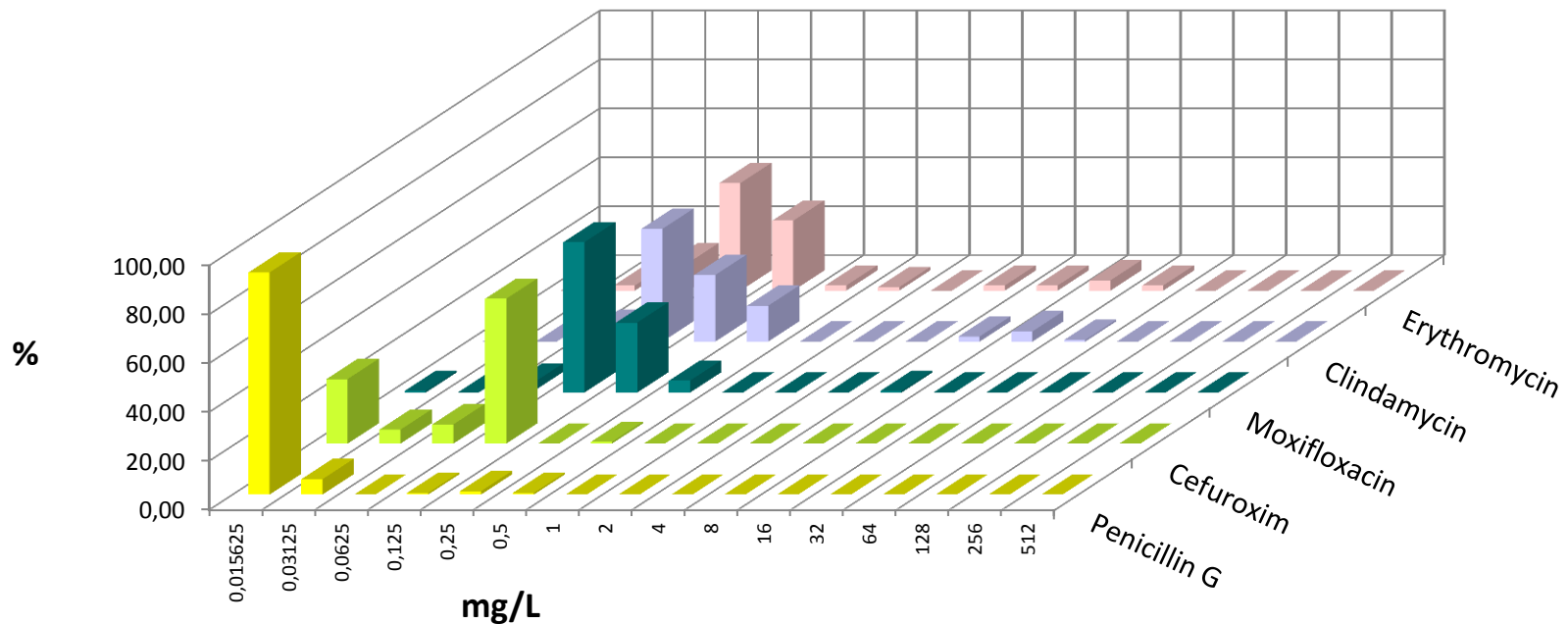


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Streptococcus dysgalactiae



	PEN	CXM	MOX	CLI	ROX
n	143	140	143	143	143
S	99		99	93	86
I					2
R	1		1	7	12



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3D bar chart showing the percentage of inhibition of *E. coli* growth by various antibiotics at different concentrations. The x-axis represents the concentration in mg/L (0.015625 to 512), the y-axis represents the percentage of inhibition (0 to 80), and the z-axis represents the antibiotics: Penicillin, Cefuroxim, Moxifloxacin, Clindamycin, and Erythromycin. The chart shows that Erythromycin has the highest inhibition percentage at higher concentrations, while Penicillin shows the lowest.

Concentration (mg/L)	Penicillin (%)	Cefuroxim (%)	Moxifloxacin (%)	Clindamycin (%)	Erythromycin (%)
0.015625	0	0	0	0	0
0.03125	0	0	0	0	0
0.0625	0	0	0	0	0
0.125	0	0	0	0	0
0.25	0	0	0	0	0
0.5	0	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
4	0	0	0	0	0
8	0	0	0	0	0
16	0	0	0	0	0
32	0	0	0	0	0
64	0	0	0	0	0
128	0	0	0	0	0
256	0	0	0	0	0
512	0	0	0	0	0

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3D bar chart showing the percentage of inhibition of *E. coli* growth by various antibiotics at different concentrations (mg/L). The Y-axis represents the percentage (%).

Antibiotics tested: Penicillin G, Cefuroxim, Moxifloxacin, Clindamycin, Erythromycin.

Concentrations tested: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 mg/L.

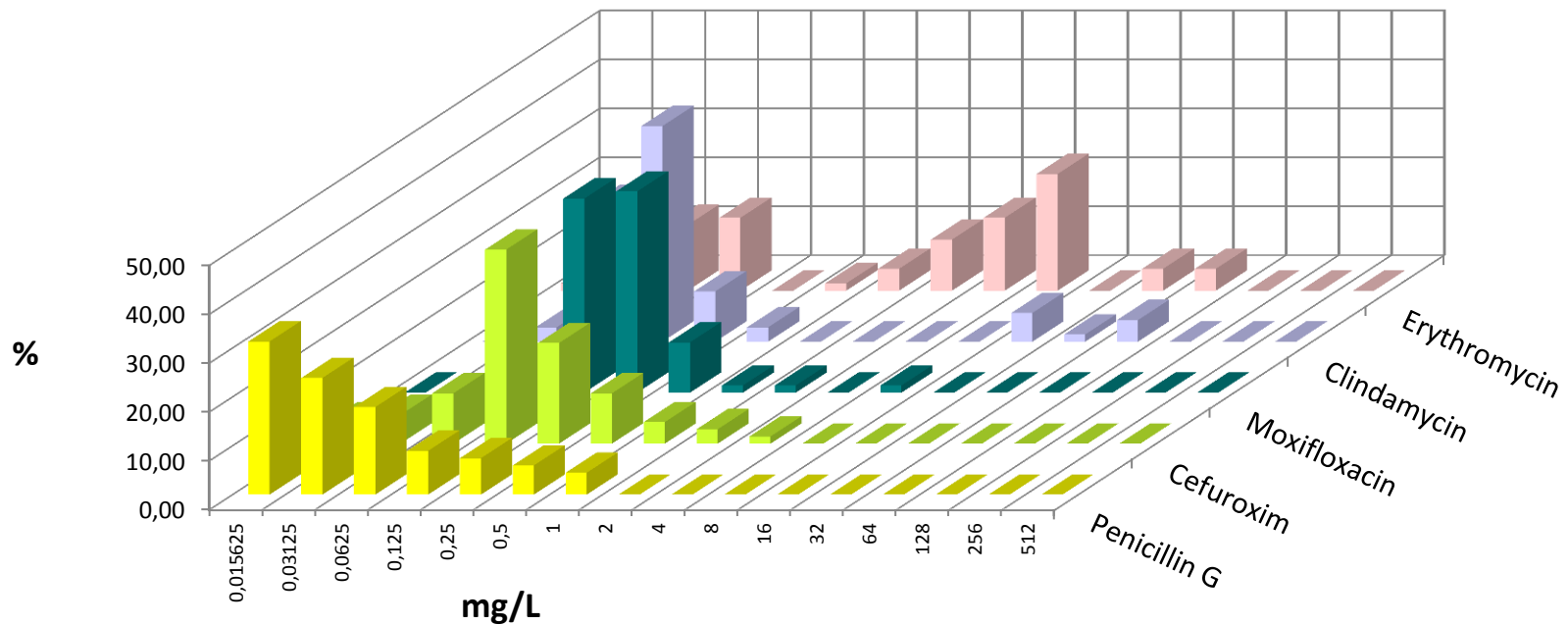
Approximate data values (Percentage of inhibition):

Concentration (mg/L)	Penicillin G (%)	Cefuroxim (%)	Moxifloxacin (%)	Clindamycin (%)	Erythromycin (%)
1	40	15	10	5	5
2	45	18	12	8	5
3	15	20	15	10	5
4	30	22	18	12	5
5	25	25	20	15	5
6	50	28	22	18	5
7	65	30	25	20	5
8	80	32	28	22	5
9	70	35	30	25	5
10	55	38	32	28	5
11	40	40	35	30	5
12	30	42	38	32	5
13	25	45	40	35	5
14	20	48	42	38	5
15	18	50	45	40	5
16	15	52	48	42	5

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Streptococcus mitis

	PEN	CXM	MOX	CLI	ERY
n	67	68	68	68	67
S	90	91		88	
I	10				
R	0	9		12	



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Streptococcus parasanguinis



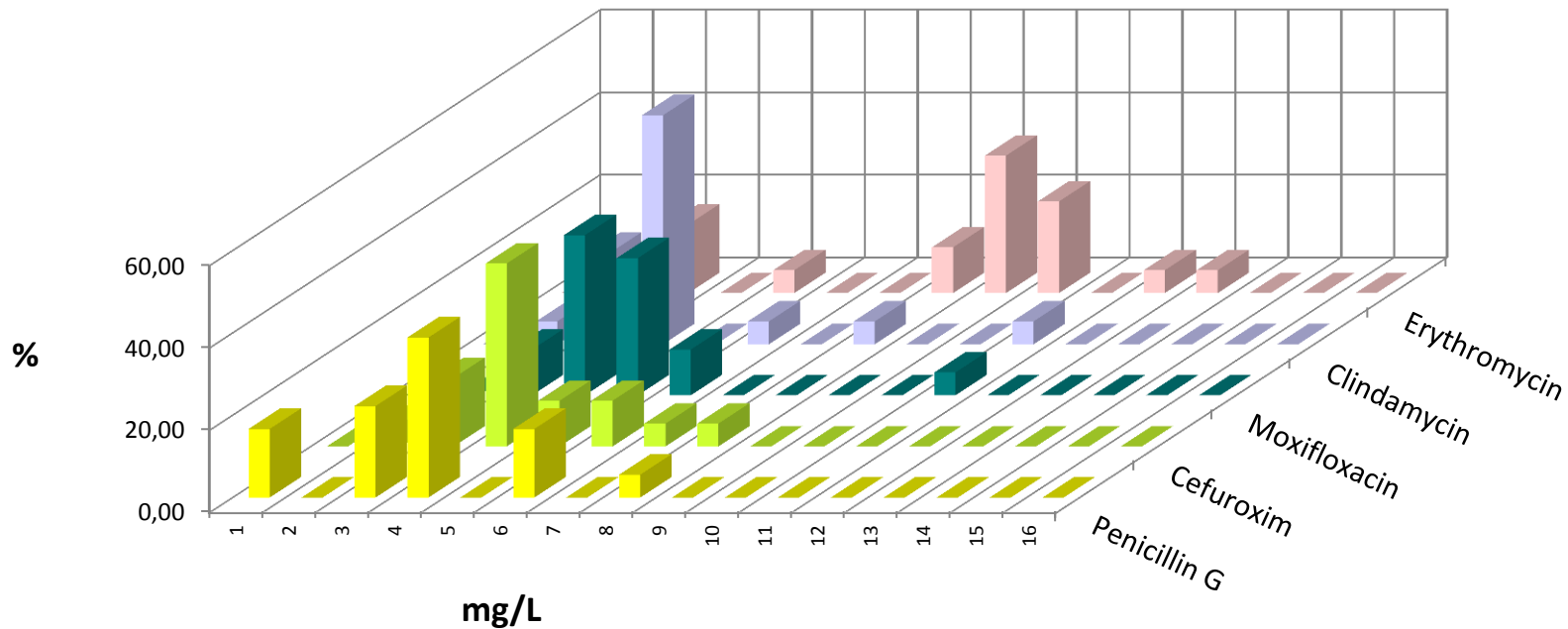
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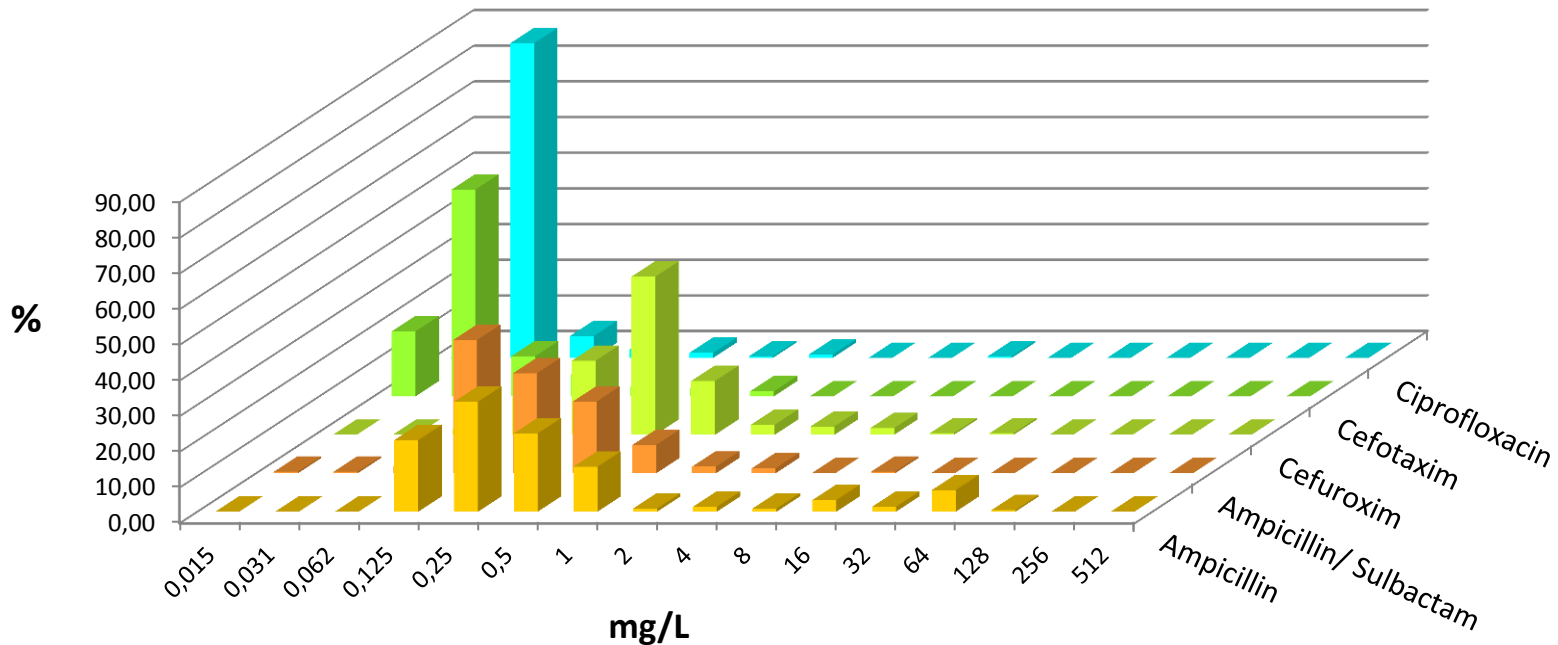
	PEN	CXM	MOX	CLI	ERY
n	18	18	18	18	18
S	78	89		89	
I	22				
R	0	11		11	



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3D bar chart showing the percentage of inhibition of *E. coli* growth by various antibiotics at different concentrations. The Y-axis represents the percentage of inhibition (%), ranging from 0,00 to 80,00. The X-axis represents the concentration of the antibiotic in mg/L, with values: 0,015625, 0,03125, 0,0625, 0,125, 0,25, 0,5, 1, 2, 4, 8, 16, 32, 64, 128, 256, 512. The Z-axis lists the antibiotics: Penicillin G, Cefuroxim, Moxifloxacin, Clindamycin, and Erythromycin. The chart shows that Penicillin G and Cefuroxim exhibit the highest inhibition percentages, reaching up to 80% at 4 mg/L. Erythromycin shows the lowest inhibition, generally below 20%.

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Haemophilus parainfluenzae



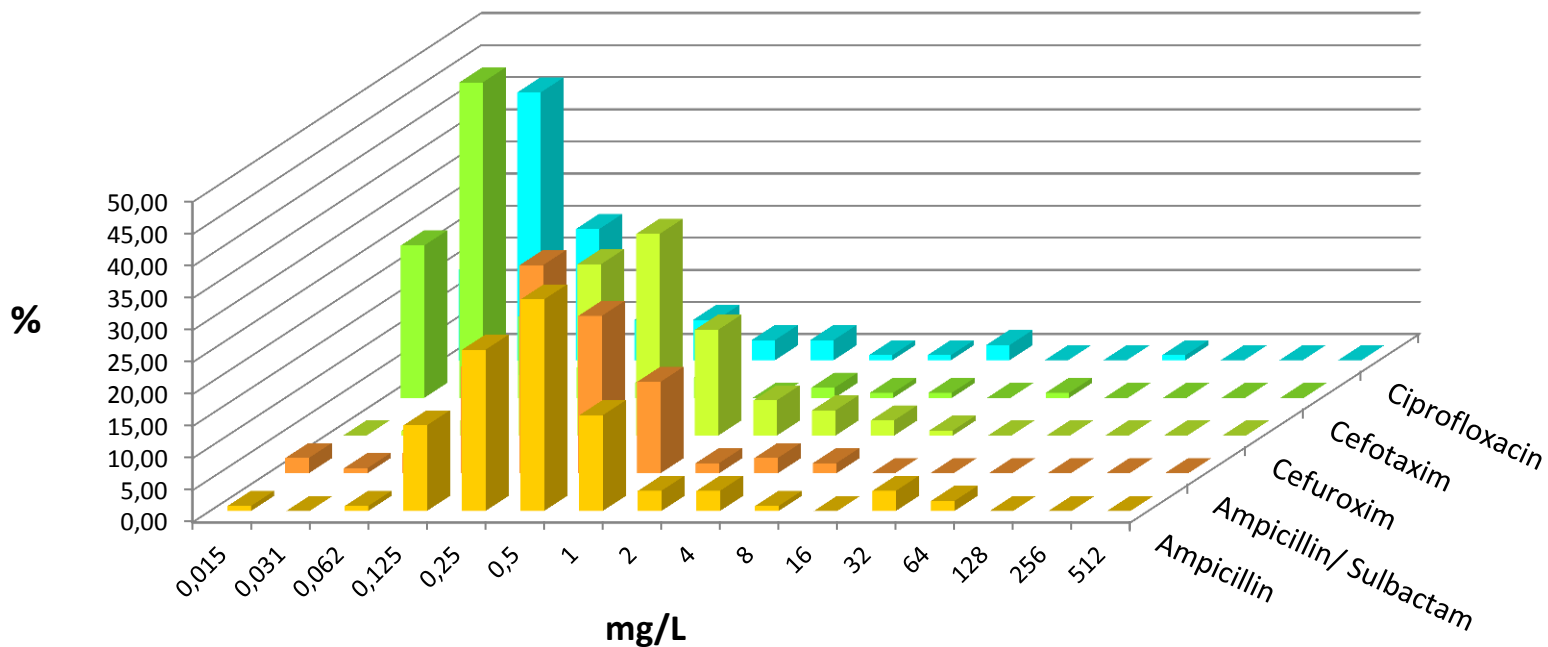
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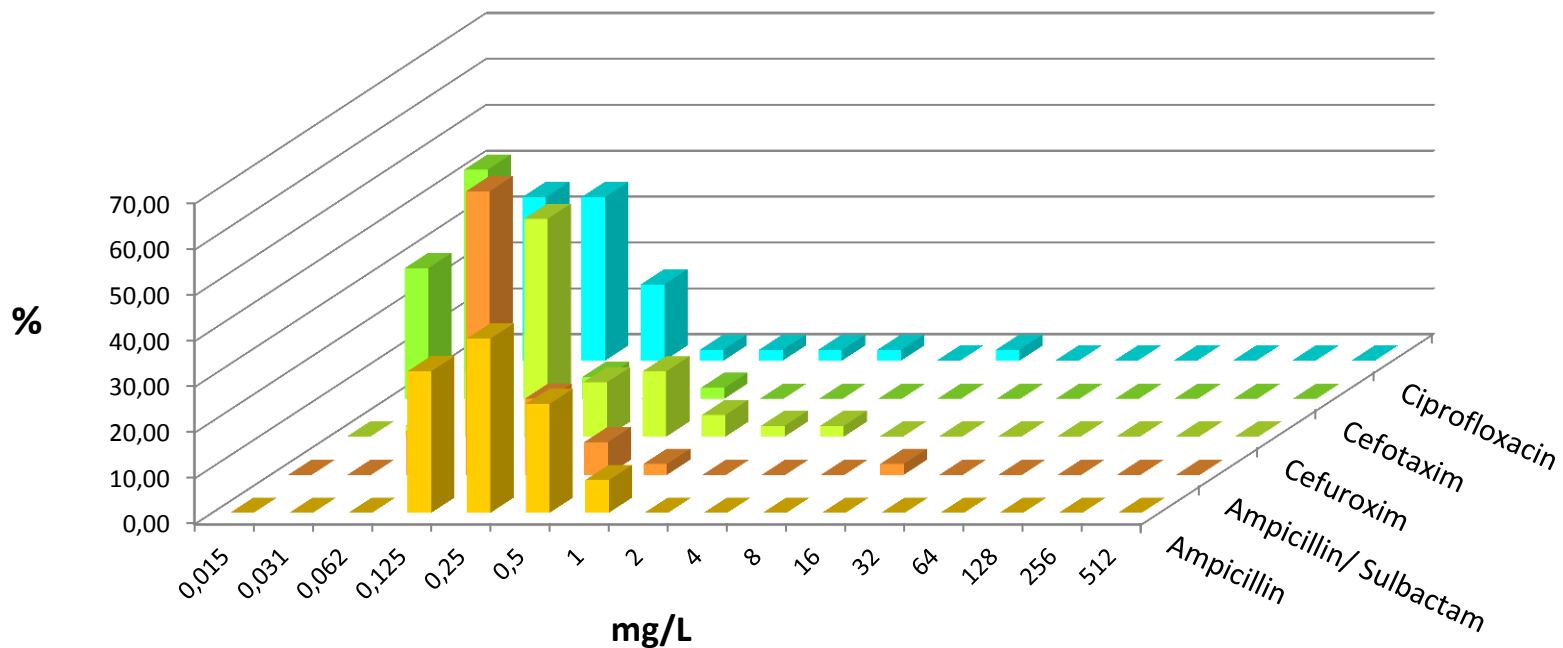


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INFEKTIONSMEDIZIN

	AMP	ASU	CFX	CTX	CIP
n	127	126	127	126	127
S	88	94	87	90	76
I			6		
R	12	6	7	10	24



	AMP	ASU	CFX	CTX	CIP
n	42	42	42	42	42
S	100	98	95	98	71
I			2		
R	0	2	2	2	29

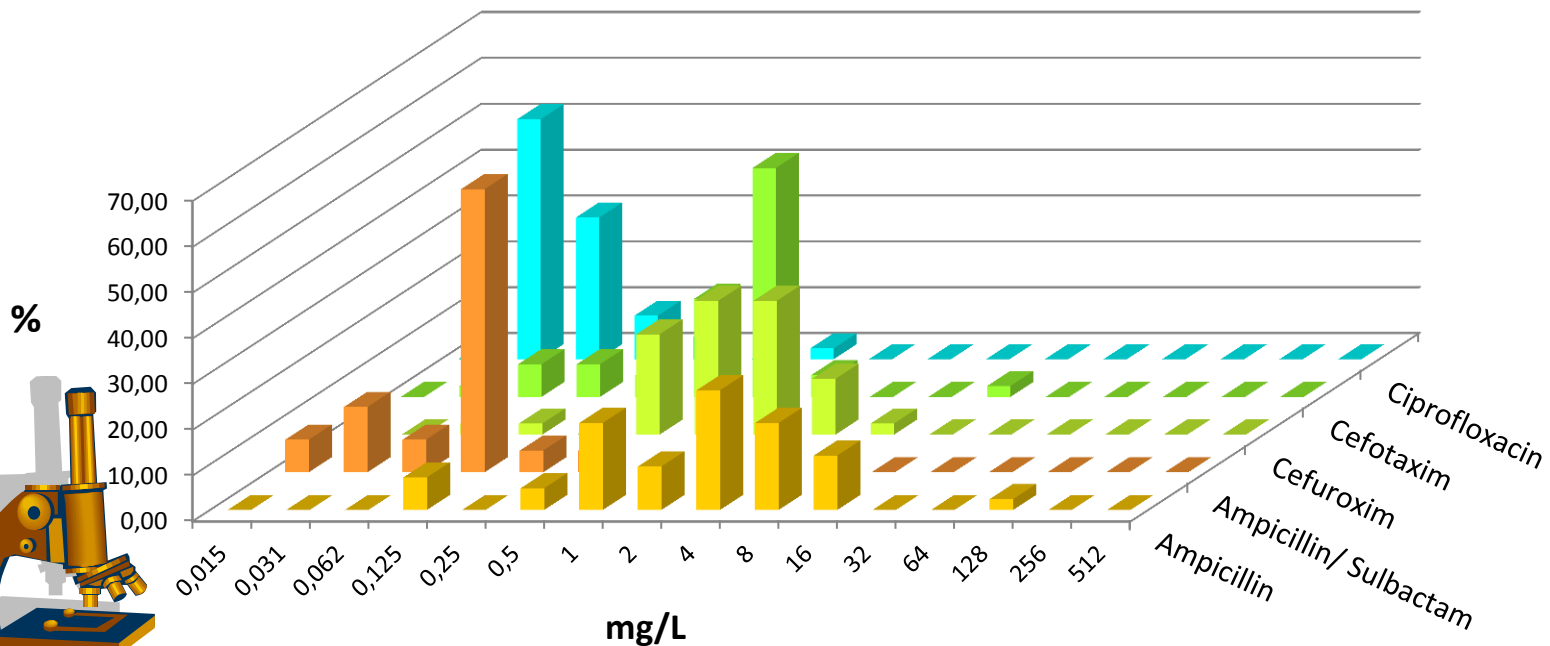


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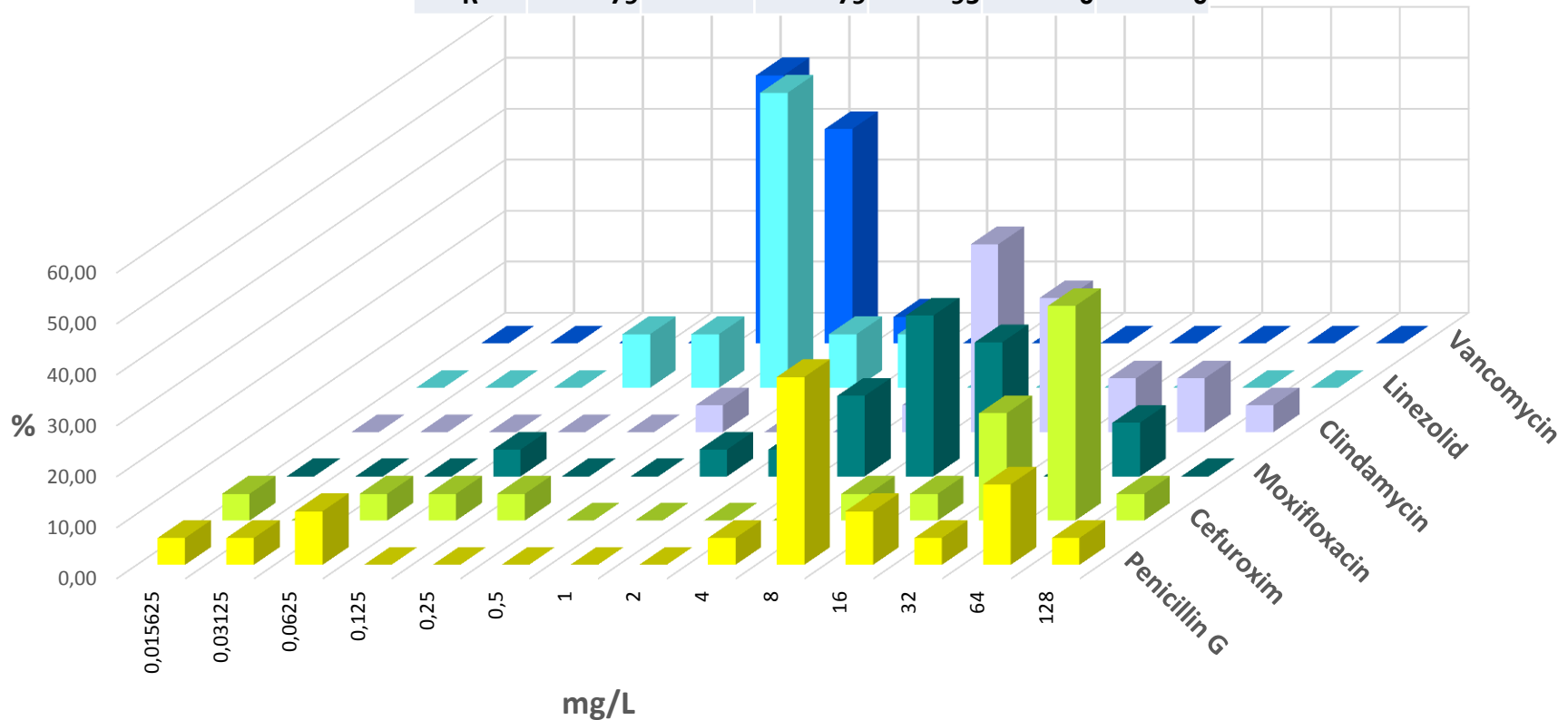
Moraxella catarrhalis



	AMP	ASU	CFX	CTX	CIP
n	42	42	41	42	42
S		100	98	93	93
I			2	5	
R		0	0	2	7



	PEN	CXM	MOX	CLI	LIZ	VAN
n	19	19	19	19	19	19
S	21		5	5	100	100
I						
R	79		79	95	0	0

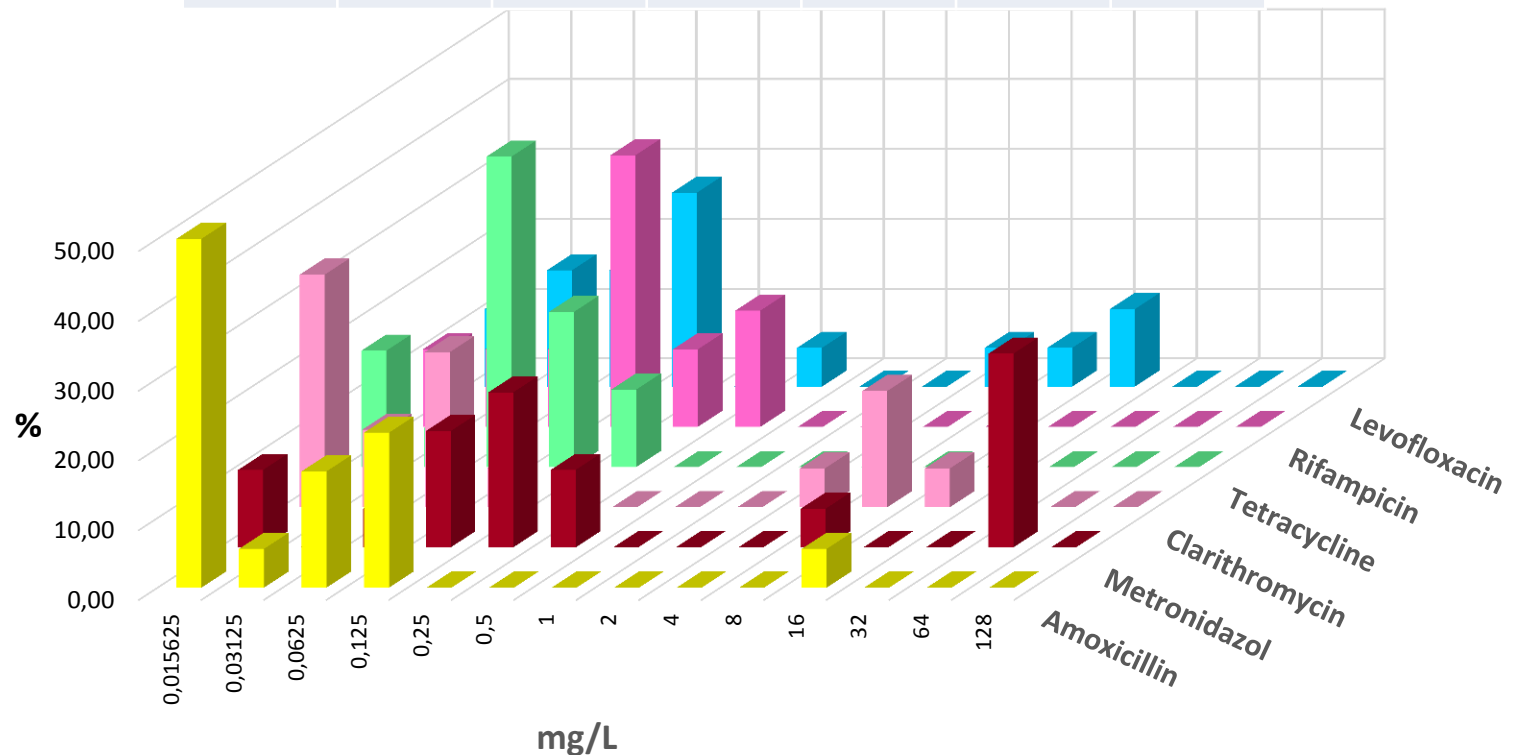


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Helicobacter pylori



	LEV	RIF	MTR	AMO	CLA	TRT
n	18	18	18	18	18	18
S	78	100	72	94	72	100
I					0	
R	22	0	28	6	28	0



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[illegible]

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Bacteroides thetaotaomicron



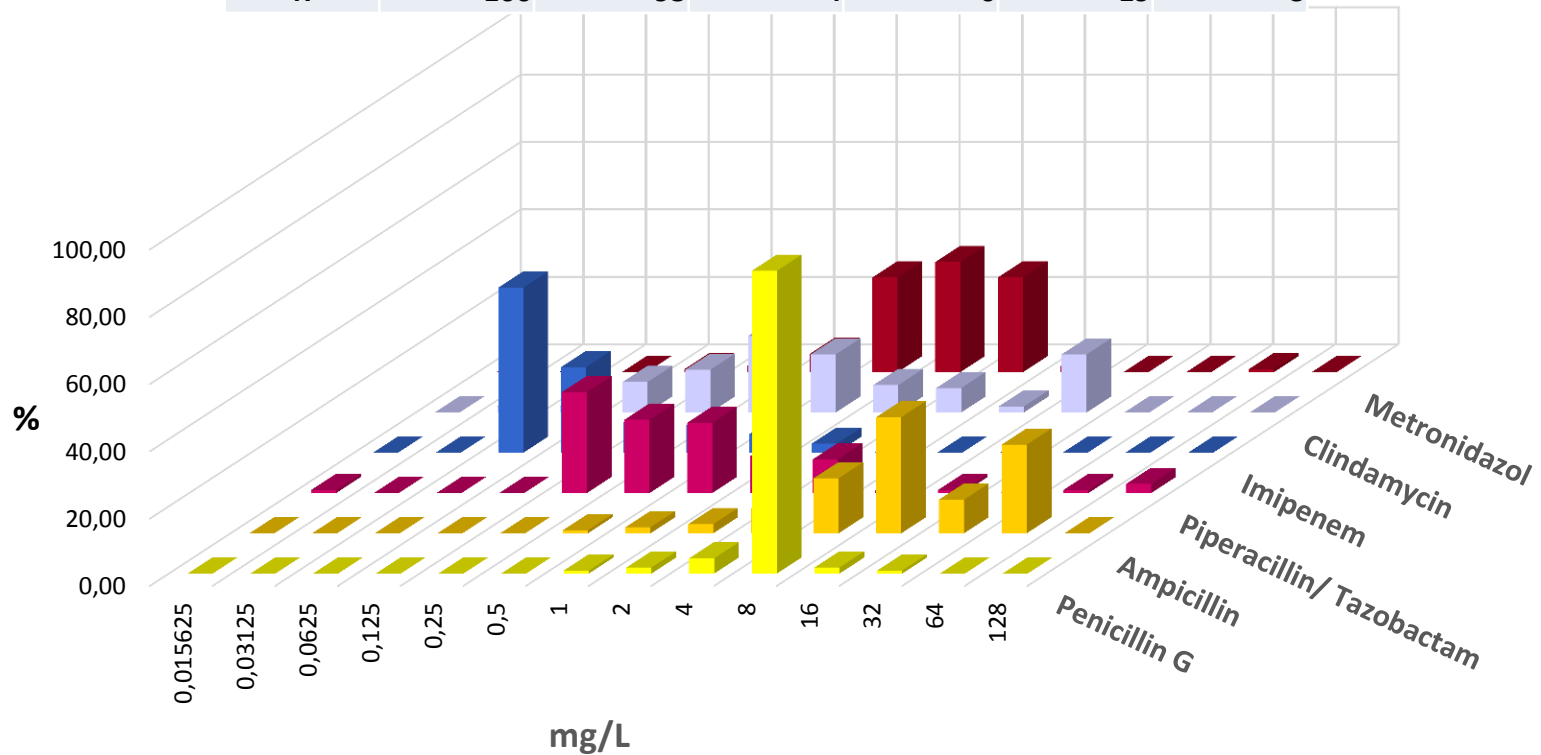
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	PEN	AMP	PIT	IMP	CLI	MTR
n	110	110	110	110	110	110
S	0	1	95	100	81	97
I	0	5	1	0		
R	100	95	4	0	19	3

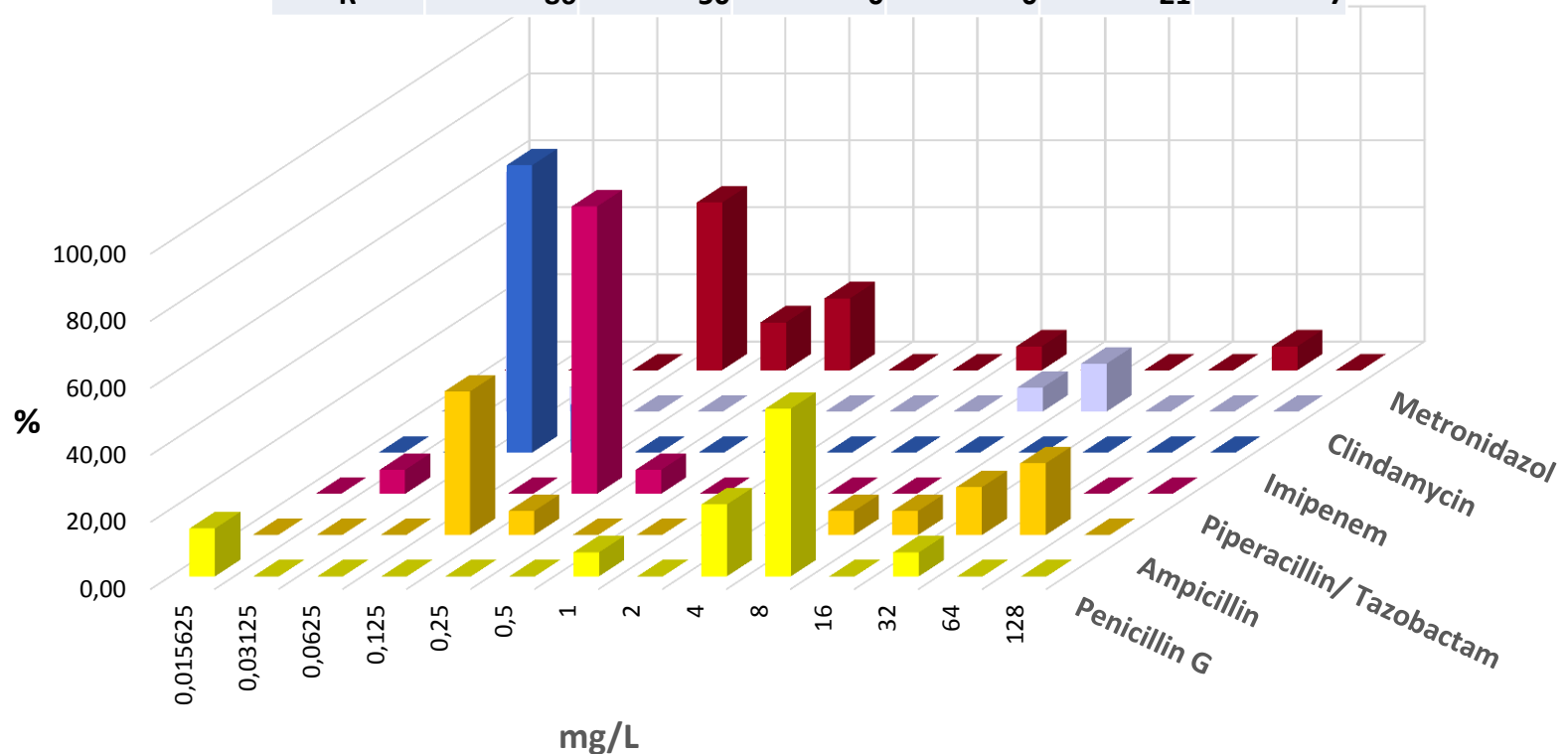


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Prevotella melaninogenica



	PEN	AMP	PIT	IMP	CLI	MTR
n	14	14	14	14	14	14
S	14	50	100	100	79	93
I	0	0	0	0		
R	86	50	0	0	21	7

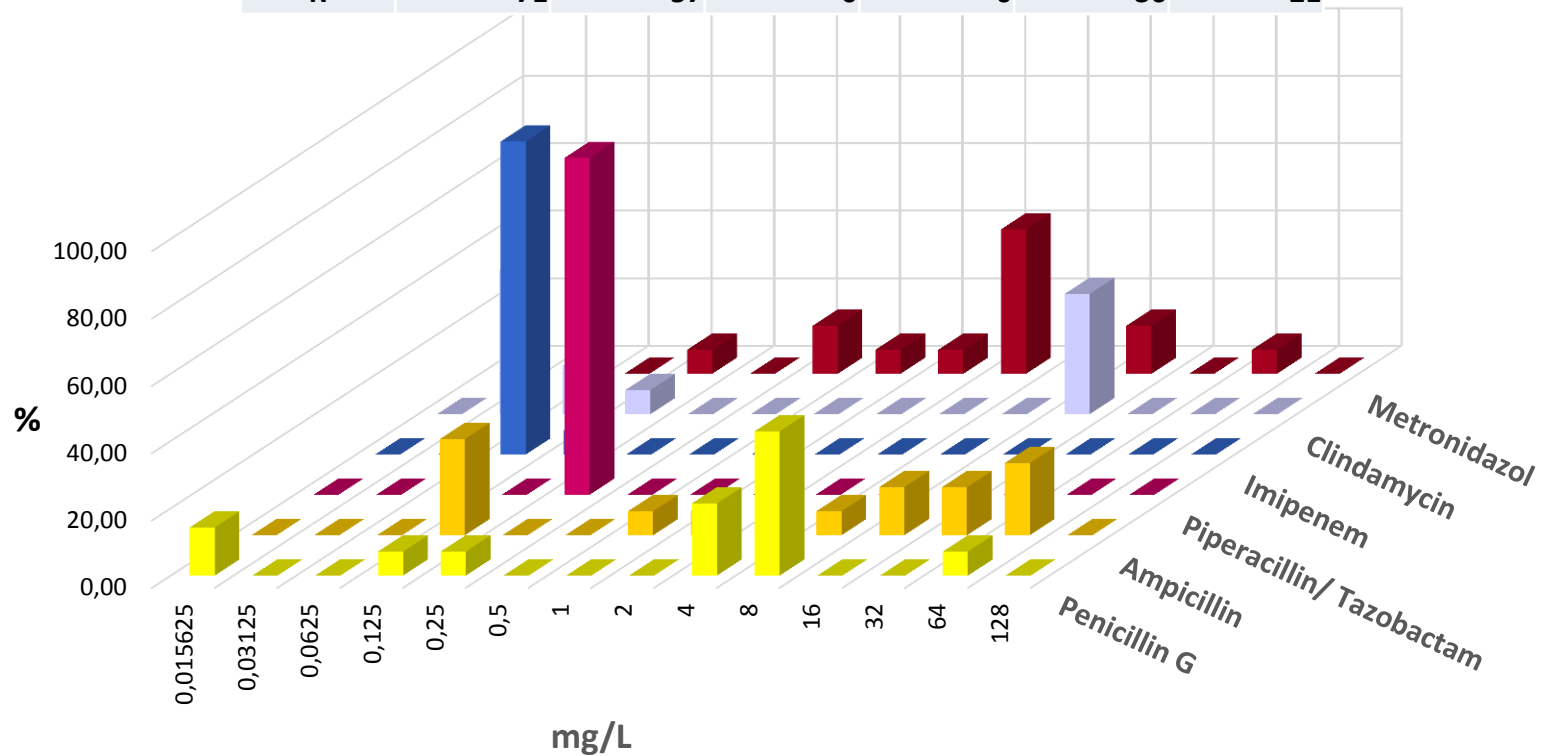


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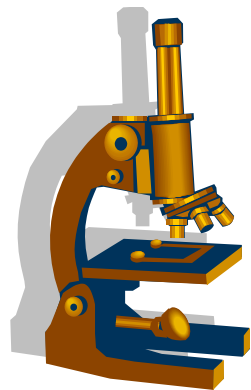
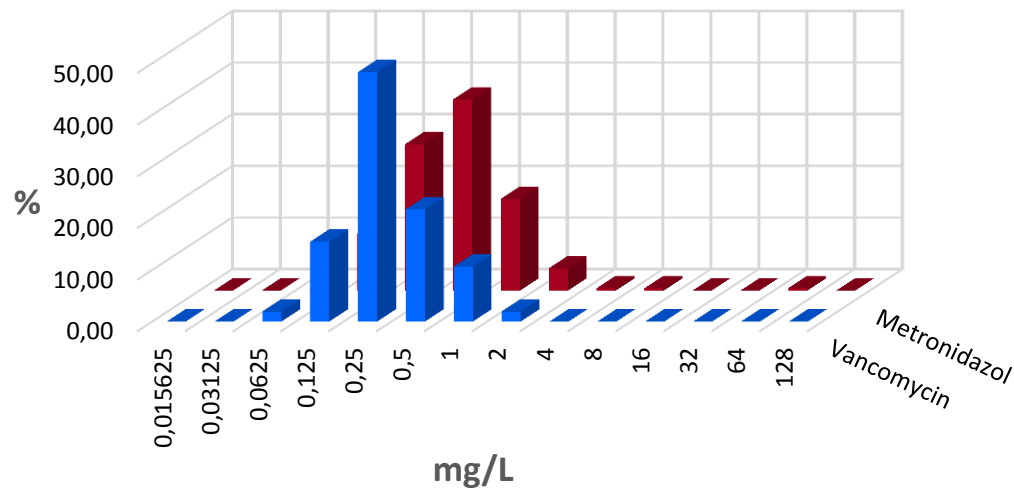
	PEN	AMP	PIT	IMP	CLI	MTR
n	14	14	14	14	14	14
S	29	29	100	100	64	79
I	0	14	0	0		
R	71	57	0	0	36	21



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Clostridium difficile

	VAN	MTR
n	207	208
S	100	99
I		
R	0	1



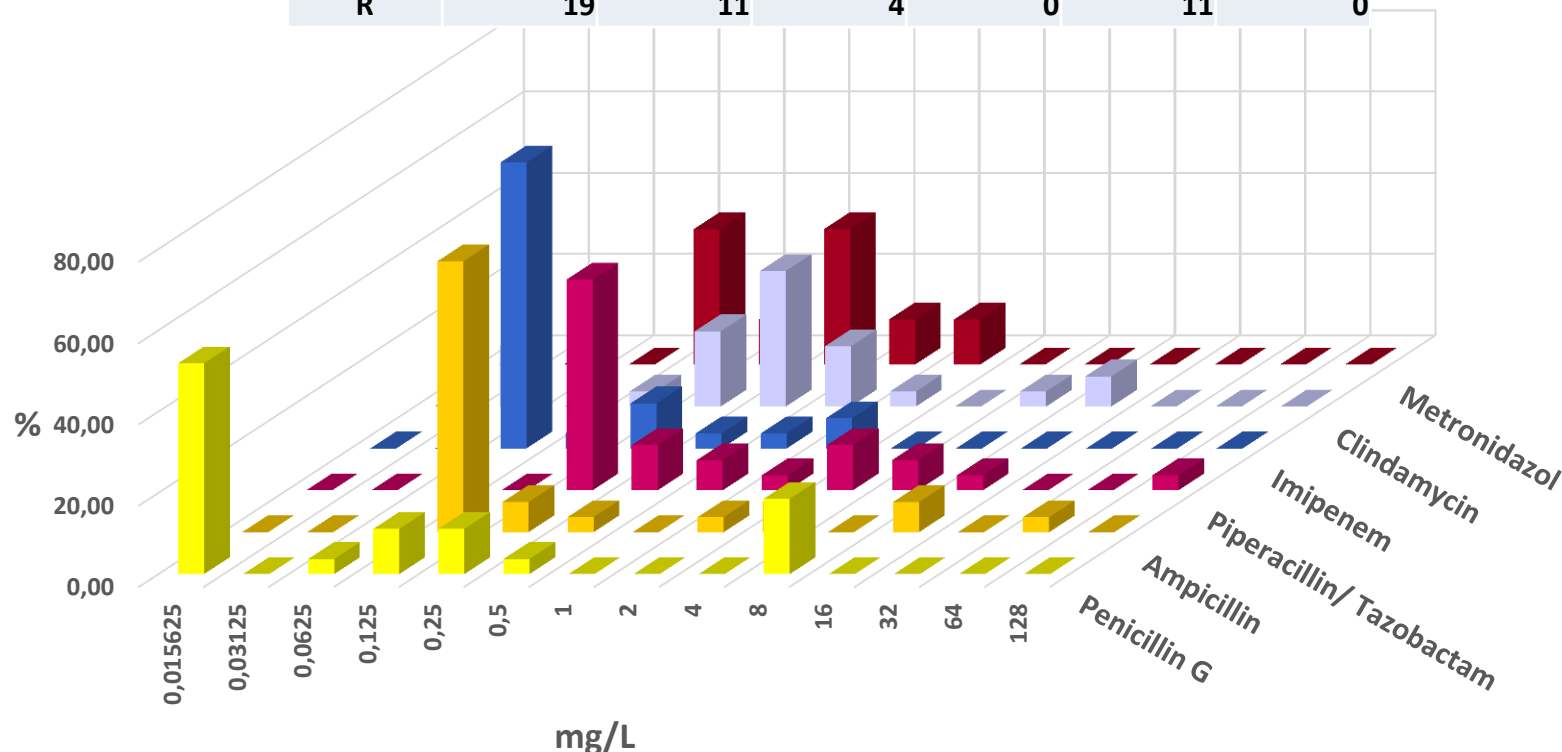
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Peptostreptococcus anaerobius



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INFEKTIONSMEZIN

	PEN	AMP	PIT	IMP	CLI	MTR
n	27	27	27	27	27	27
S	78	89	93	100	89	100
I	4	0	4	0		
R	19	11	4	0	11	0

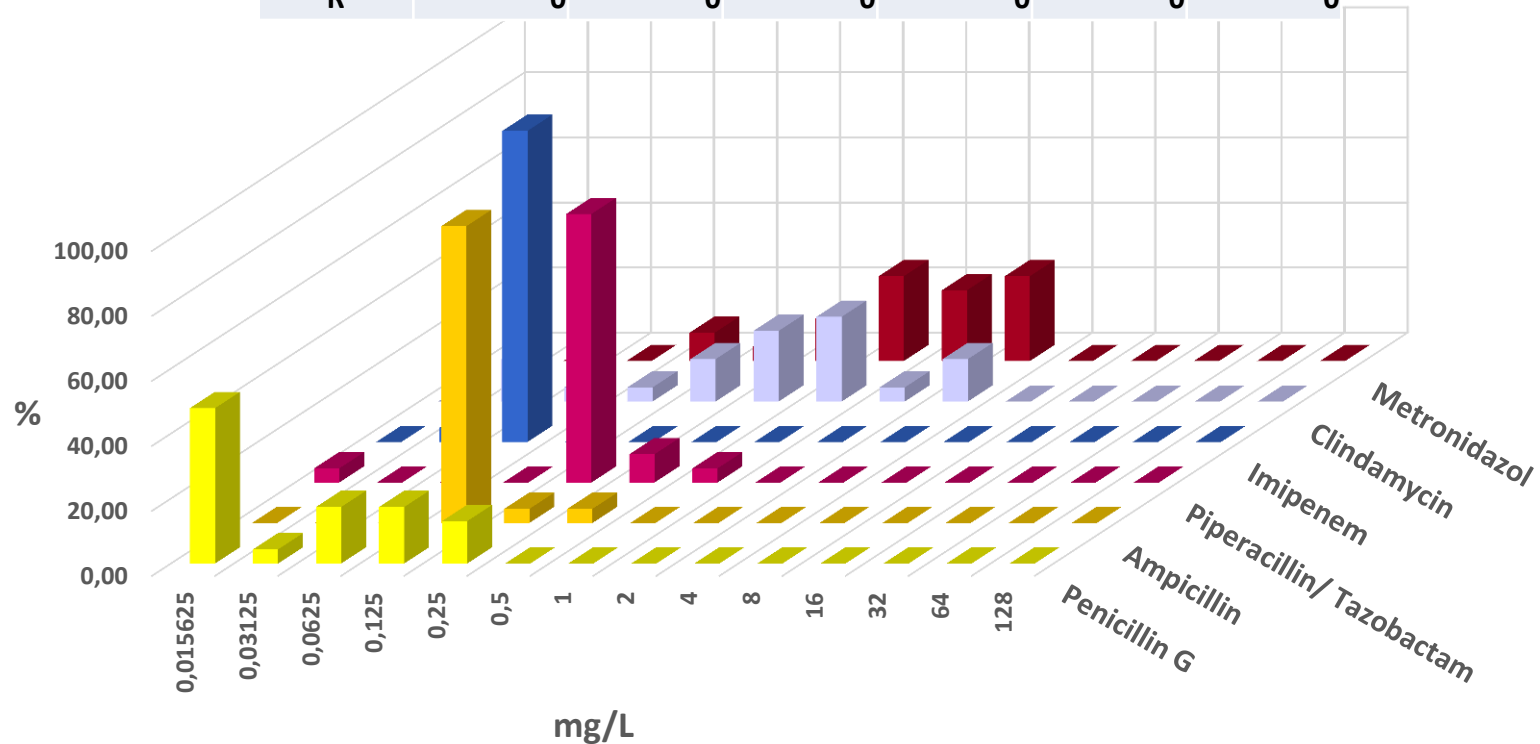


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Peptoniphilus asaccharolyticus



	PEN	AMP	PIT	IMP	CLI	MTR
n	23	23	23	23	23	23
S	100	100	100	100	100	100
I	0	0	0	0		
R	0	0	0	0	0	0



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Finegoldia magna



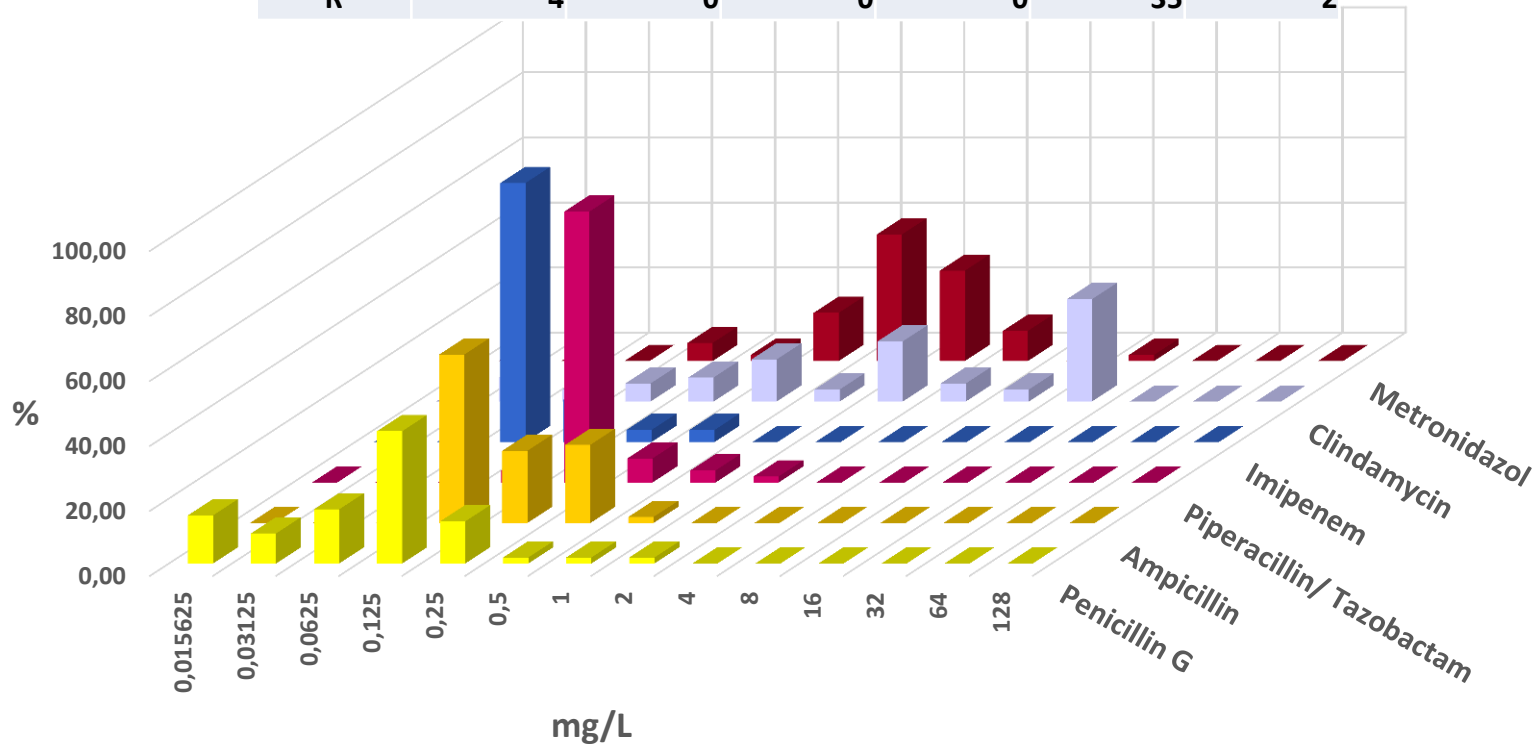
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INFEKTIONSMEZIN

	PEN	AMP	PIT	IMP	CLI	MTR
n	54	54	54	54	54	54
S	94	100	100	100	65	98
I	2	0	0	0		
R	4	0	0	0	35	2

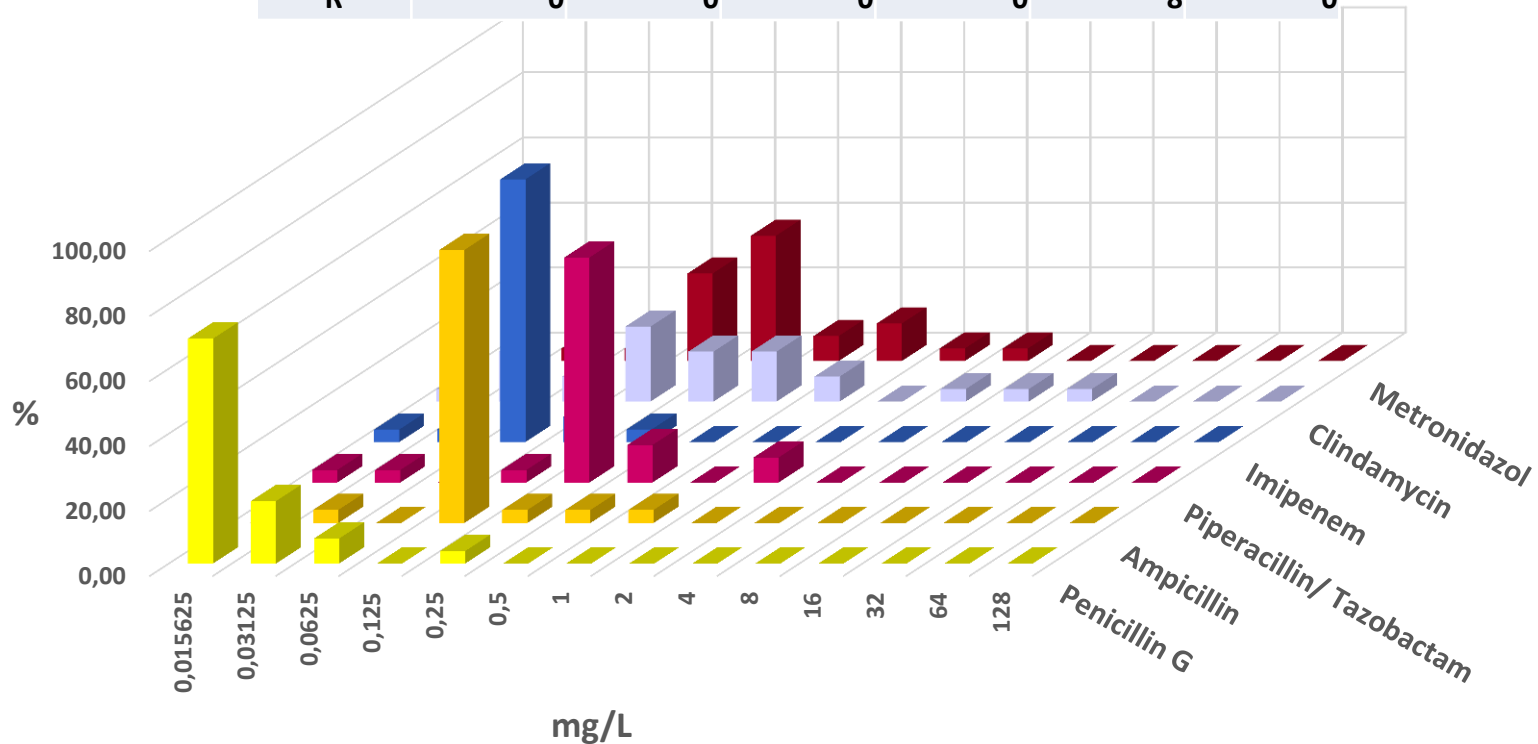


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	PEN	AMP	PIT	IMP	CLI	MTR
n	26	25	26	26	26	26
S	100	100	100	100	92	100
I	0	0	0	0		
R	0	0	0	0	8	0



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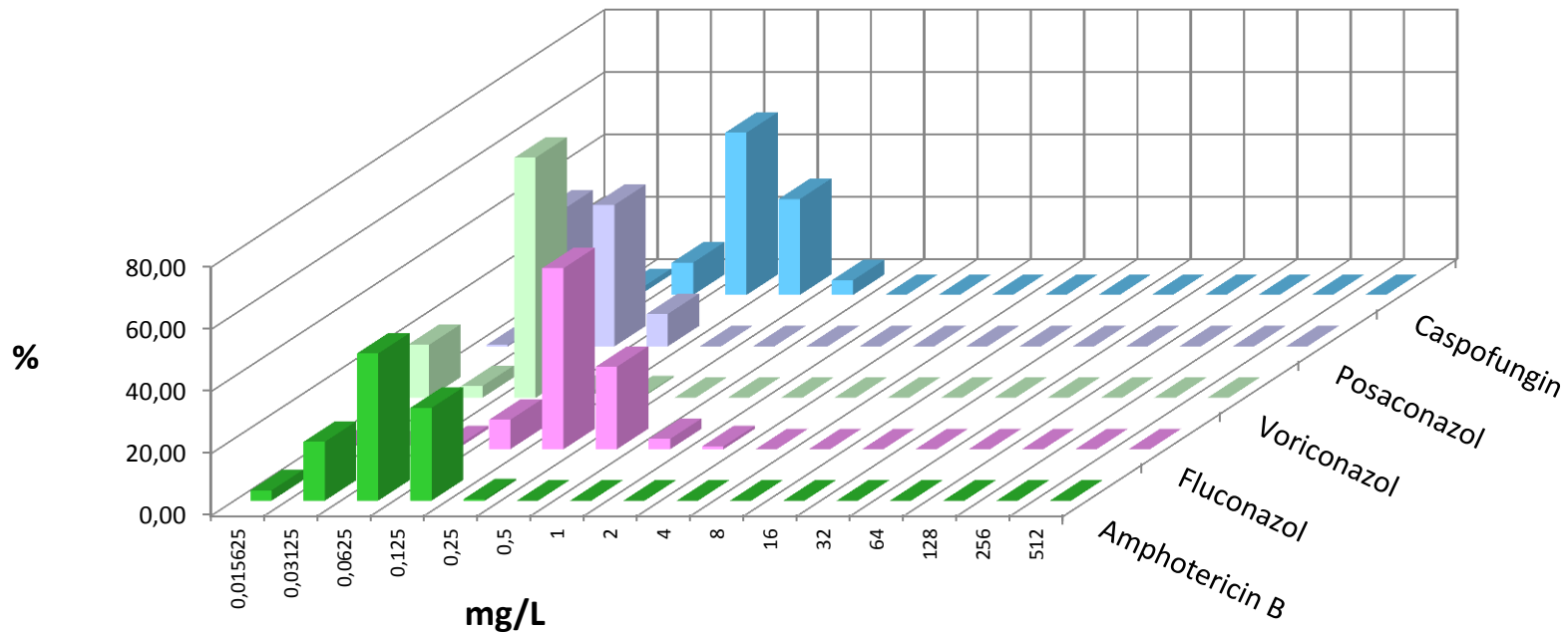
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Candida albicans

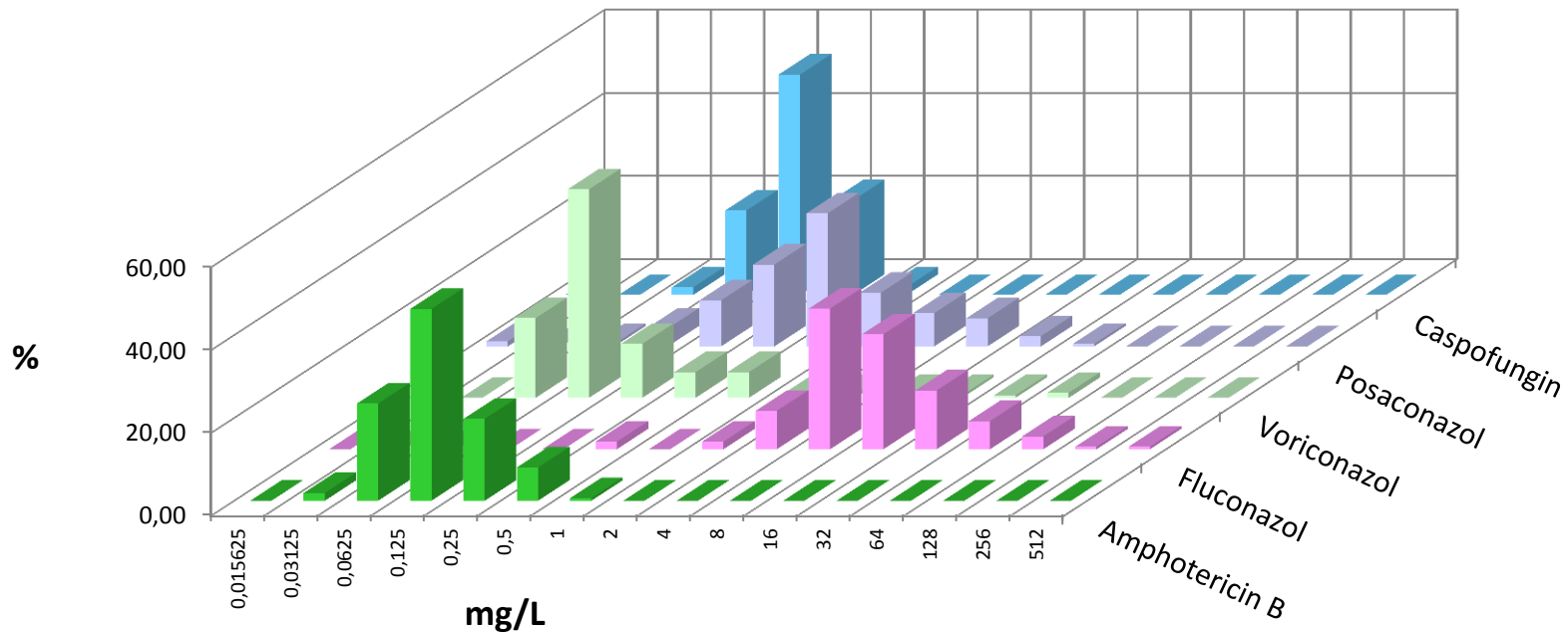
	AMP	FLU	VOR	POS	CAS
n	211	211	211	211	211
S	100	100	98	90	
I		0	2		
R	0	0	0	10	



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Candida glabrata

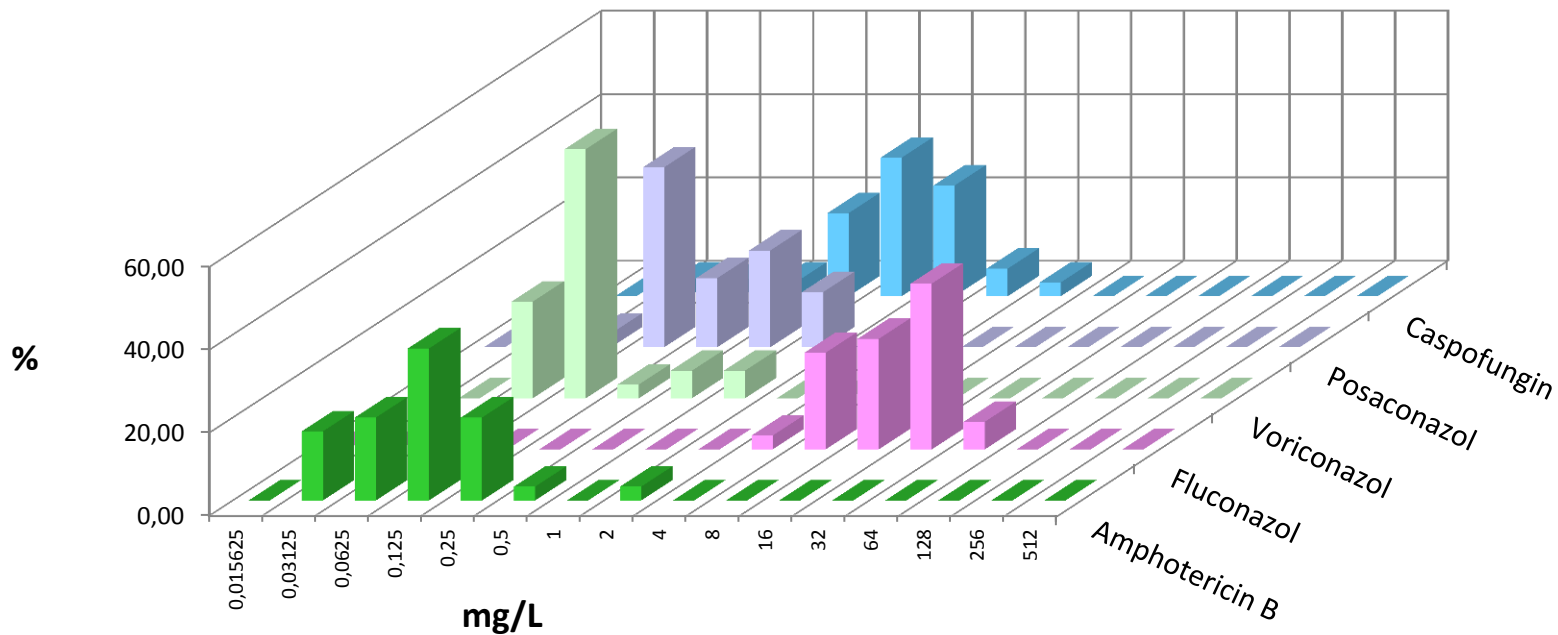
	AMP	FLU	VOR	POS	CAS
n	162	162	161	162	162
S	100				
I		89			
R	0	11			



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Candida krusei

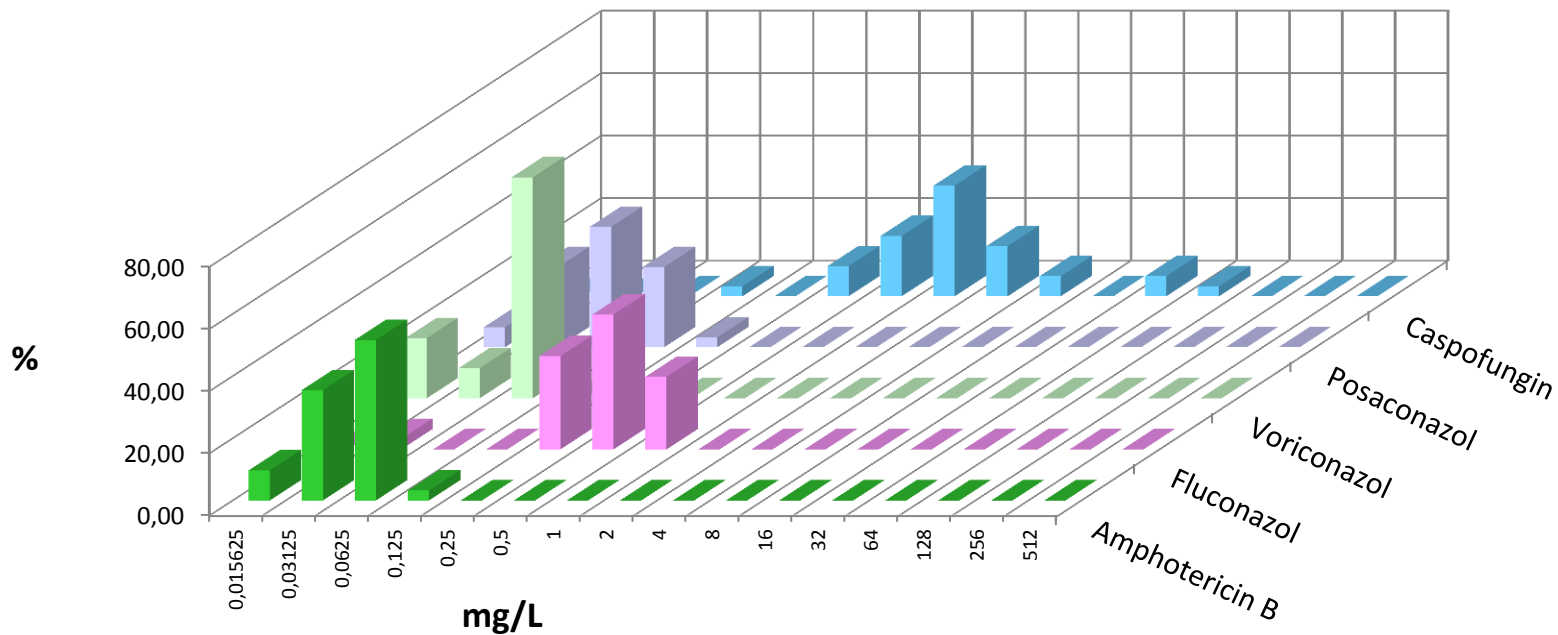
	AMP	FLU	VOR	POS	CAS
n	30	30	30	30	30
S	97				
I					
R	3				



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Candida parapsilosis

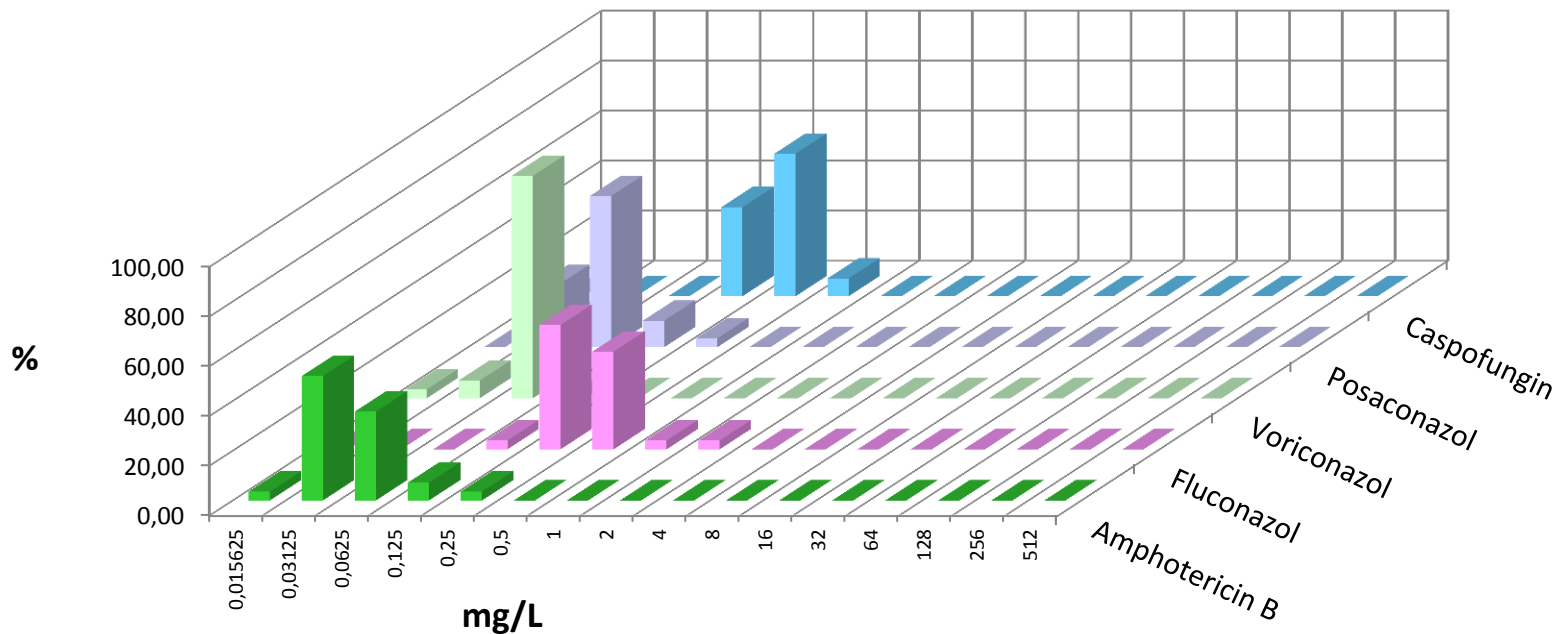
	AMP	FLU	VOR	POS	CAS
n	31	30	31	31	31
S	100	100	100	71	
I		0	0		
R	0	0	0	29	



UKL gesamt 2017

Candida tropicalis

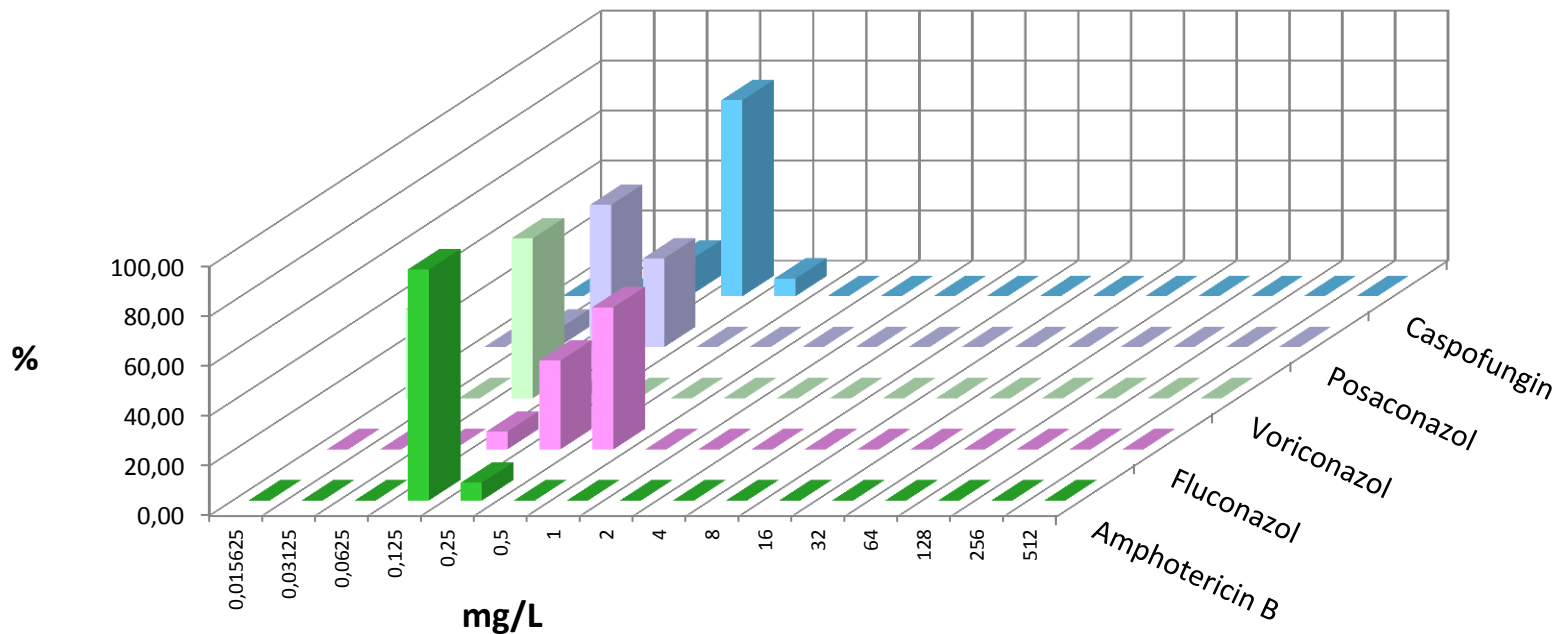
	AMP	FLU	VOR	POS	CAS
n	28	28	28	28	28
S	100	100	100	86	
I		0	0		
R	0	0	0	14	



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Candida kefyr

	AMP	FLU	VOR	POS	CAS
n	14	14	14	14	14
S		100			
I		0			
R		0			



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Aspergillus fumigatus



	AMP	POS	VOR	CAS
n	52	52	52	52
S	100	100	100	
I	0	0	0	
R	0	0	0	

