Supplemental Figure 2, Panel A. Heatmap depicting semi-Bayes shrunk adjusted rate ratios for unintentional traumatic injury, by antidepressant object drug cohort | Prespecified secondary analysis increasing semi-Bayes shrinkage variance parameter. Rate Ratio



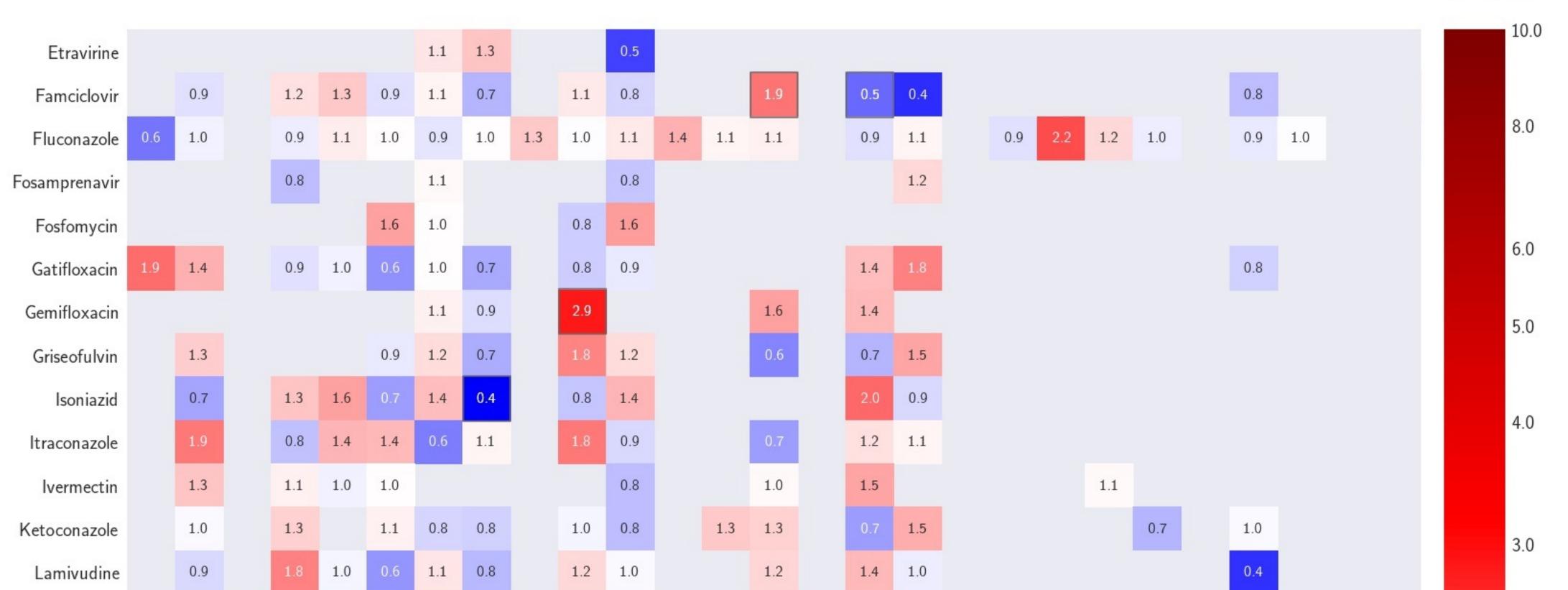
Cefdinir	1.4	0.9		0.7	1.1	0.9	0.9	0.8		0.9	0.7		1.1	0.9		0.7	0.9			0.8	0.9		0.8		
Cefditoren						1.4	0.6			1.4	1.7					1.0									
Cefixime				1.5		0.9				1.0				0.7		1.0	1.1								
Cefpodoxime		1.0		1.0	0.6	1.2	0.5	0.7		1.4	1.1			1.1		1.8							1.6		
Cefprozil	1.4			0.6	0.8	0.9	1.2	0.8		0.7	0.9			0.8		1.2	0.6			1.7			0.8		
Ceftibuten											1.1														
Cefuroxime	1.1	0.9		0.7	1.0	0.8	0.9	0.9		1.0	0.7	1.7	0.9	0.9		1.2	0.9	1.6	0.8	1.1	0.8		0.7		
Cephalexin	0.8	0.8	1.1	0.7	1.0	0.9	0.8	0.8	1.0	0.9	0.8	0.6	0.6	0.9		0.7	0.9	0.6	1.4	0.7	0.9		0.9		
Chloroquine				1.0		1.4	0.9	1.6		1.3	0.6			0.5		1.2	0.4								
Ciprofloxacin	1.3	1.0		1.0	1.1	1.1	1.1	0.9	0.8	1.2	1.0	1.6	1.4	1.0		1.0	0.9	1.5	1.2	0.9	0.9		1.0	1.2	
Clarithromycin	0.6	1.1		1.0	2.1	1.0	1.1	1.1	0.8	1.2	0.8	0.8	0.6	0.7		1.2	1.2		1.4	0.9	0.9		1.6		
Clavulanate	1.2	0.9		1.0	1.0	0.9	0.9	0.9	1.2	1.0	0.9	0.5	0.9	0.8		1.0	1.0		0.6	1.2	0.7		1.1		
Clindamycin	0.9	0.8		1.0	1.3	0.9	0.8	1.0	1.2	0.9	0.9	0.8	0.8	0.9		0.9	0.9	1.1	0.8	0.7	1.1		1.1		
Clotrimazole		0.4		0.9	1.5	1.1	0.9	1.0		0.5	0.9			0.7		1.1	1.1			1.3	1.1		2.2		
Cobicistat		1.2				0.4																			
Dapsone		0.8			2.0	1.0	1.8	1.6		0.7	2.4			0.8		0.7	0.9			0.8					
Darunavir	3	0.9		0.5	0.9	1.0	2.4	0.8		0.6	0.7			0.9			1.1								
Demeclocycline		1.9		1.1	1.3	0.8	1.0	1.0		1.1	1.2					1.1	1.0								
Dicloxacillin		0.6		1.2	0.8	1.0	0.7	1.0		0.7	0.6			0.9		1.4	1.3						1.4		
Didanosine				1.0			1.0			0.7	0.8														
Dirithromycin				_						1.8	0.9					1.4									
Dolutegravir		1.5		0.7		1.4	0.7												_						
Doxycycline	1.0	1.0	0.9	0.9	1.1	1.0	1.0	1.0	1.7	1.0	1.0	1.2	1.3	1.1		1.0	0.9	2.1	0.6	1.1	1.3		1.1		
Efavirenz		1.2		0.6	1.2	0.7	1.0	0.6		0.6	1.0			1.2		0.9	0.7								
Elvitegravir		1.2		_		0.4																			
Emtricitabine		1.1		0.6	1.7	0.9	1.2	1.2		0.9	0.8		0.8	1.2		1.0	0.8			1.2			1.0		
Entecavir													_				0.6			_					
Erythromycin	1.2	1.2		1.2	1.3	1.1	1.1	0.7		0.8	0.9		2.9	0.5		0.8	1.2			1.5	0.9		1.3		
Ethambutol		22					1.0	1.4			1.0	12124					0.8	24 24							
	N _{efazodone}	Trazodone	Vortioxetine	Bupropion	Mirtazapine	opram	Escitalopram	Fluoxetine	amine	Paroxetine	Sertraline	Vil _{azodone}	D _{esvenlafaxine}	Duloxetine	^{Levomilnacipran}	Venlafaxine	ipyline	Am _{oxapine} Clomipramine	amine	oxepin	Imip _{ramine}	otiline	otyline	Protriptyline Trimipramine	
	Nefaz	Traz	Vortic	Bup	Mirta.	Cital	Escital	Fluc	Fluvor	Parc	Ser	Vilaz	esven/a	Dulc	omilna	Venle	Amitr	Amo	Desipi	Q	Imip,	Map	Nortrij	Protrij	
													Ŷ		Lev			0					alatin S		

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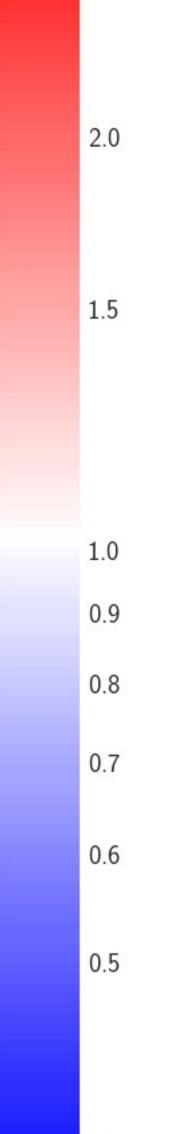
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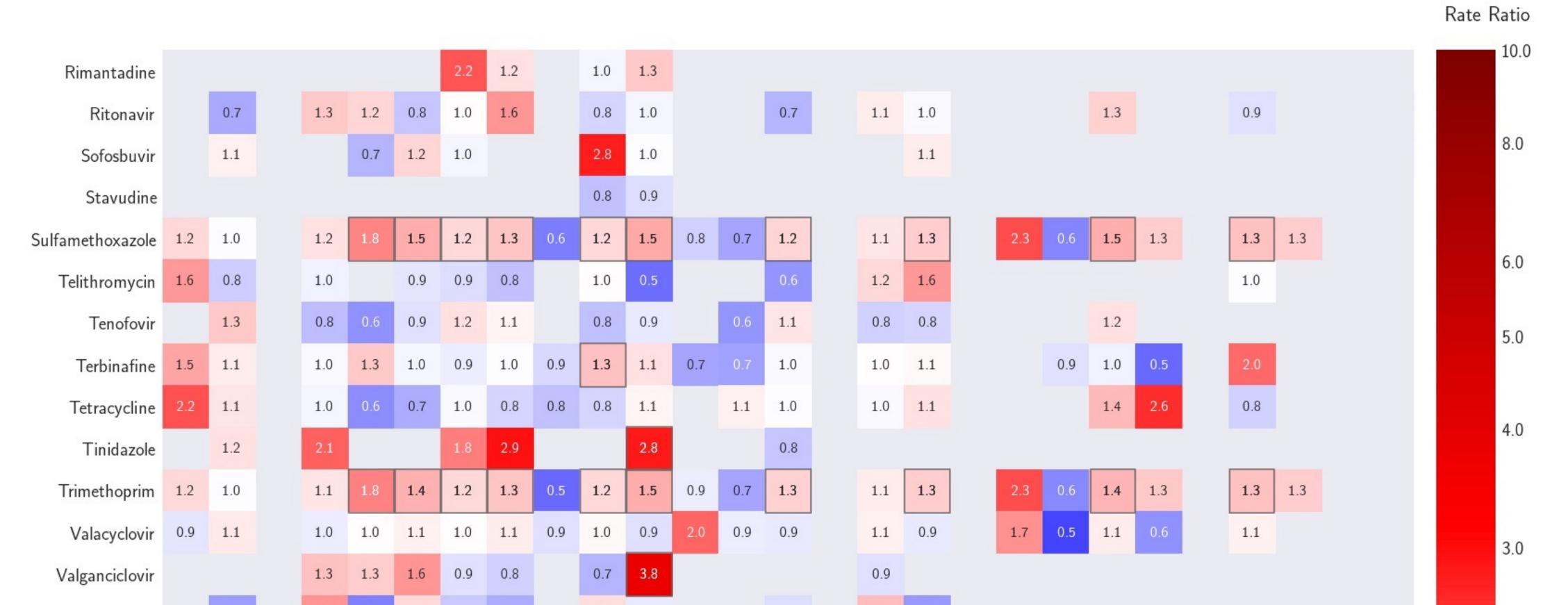


Rate Ratio

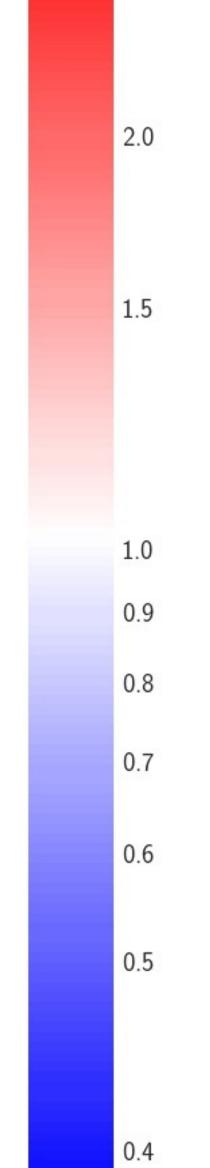
Ledipasvir					0.7	1.3	1.6				0.8																
Levofloxacin	0.6	1.0		0.9	1.3	1.1	1.0	1.0	0.9	1.0	1.1	0.8	1.1	1.2		1.0	1.0			1.5	1.0	0.9	1	3 2	.3		
Linezolid		0.9		0.8		1.2	0.8	1.2		1.1	1.0			0.7		1.4	1.0						1	1			2.0
Lopinavir		1.5		1.0	0.9	1.0	1.3	1.7		0.6	1.3			0.9		1.1	0.6										2.0
Loracarbef										1.1																	
Mebendazole						4.1	1.0	1.4			1.6																1.5
Mefloquine				1.0		0.6	1.7	1.1			0.8					1.2											
Methenamine		1.4		1.4	1.2	0.9	0.9	1.3		0.6	1.2			0.9		0.8	0.7			1.9	1.4	1.0	1	1.5			
Metronidazole	0.8	1.1		1.2	1.4	0.9	1.0	0.9		0.8	1.0	0.7	1.2	1.1		0.9	1.0		1.2	1.2	0.9	2.0	1	.1			
Minocycline	1.7	1.0		1.1	1.4	0.9	1.2	0.9	1.4	1.0	1.1	0.6	1.1	1.0		1.2	0.9			0.8	1.8	1.8	C).7			1.0
Moxifloxacin	1.0	1.0		0.7	1.5	1.0	1.0	0.9	1.2	1.0	1.0		1.3	1.0		0.8	1.1				1.2	0.7	1	.0			0.9
Nelfinavir										1.2																	0.8
Neomycin		2.8		1.3	2.2	0.7	0.7	1.1		1.3	1.8			0.9			0.9						2	2.0			
Nevirapine				1.0		0.9	0.7	0.7			0.6			1.7		1.2											0.7
Nitazoxanide										1.5																	0.6
Nitrofurantoin	1.0	1.0		0.9	1.0	1.1	1.1	1.2	0.9	1.0	1.0	1.1	0.9	0.9		1.1	1.1		1.0	1.0	0.9	0.9	1	1.0 1	.7		
Norfloxacin						0.9	0.5			1.8	1.0					0.8											0.5
Nystatin	2.2	1.0		1.2	0.8	1.1	1.0	1.0	0.9	0.9	0.9	3.2	0.5	1.0		0.9	1.1				1.3	0.7	1	.1			
Ofloxacin		1.3				1.4	1.1	2.2		1.5	1.7																
Oseltamivir	3.2	0.8		1.0	1.0	0.8	0.9	0.5	1.1	0.9	1.0		1.7	0.7		0.7	0.8				0.8		1	2			0.4
Penicillin		0.9		1.0		0.9	0.8	1.1		1.2	1.0			0.9		0.5	0.9						1	.1			
Penicillin v potassium		0.9		0.9	0.8	1.2	0.8	1.3	0.9	0.9	0.9	1.1	0.7	0.6		1.0	1.1				0.7	0.8	C).7			
Phenyl salicylate		2.0		1.1		0.9	0.8	1.5		0.7	0.9			1.1		0.5	0.6						1	2			0.3
Proguanil		0.6		1.0		0.7	1.0	0.8		0.7	1.0			1.4		2.0	1.3						_				
Quinine	0.9	1.1		0.7	0.9	0.9	1.1	1.0		1.5	1.2			0.7		1.1	0.8			1.2	0.5	0.9	C).7			
Raltegravir		1.8		0.8	1.3	1.4	2.3	1.2		2.0	0.9			1.1			1.3										0.2
Ribavirin		1.3		0.8		1.2	0.5	0.7		1.4	1.3		1.1			0.5	1.6										
Rifampin		0.7		1.5	1.0	1.0	1.1	0.7		0.4	1.4			1.8		1.0	1.0				1.9		C).7			
Rifaximin		0.6		1.3	1.3	1.0	0.9	1.1			0.9		0.6	1.3		1.4	0.9				0.7			.1			0.1
	N _{efazodone}	Trazodone Is	P. B.	^{Bupropion}	Mirt _{azapine}	Citalopram	Escitalopram	Fluoxetine	Fluvoxamine	Paroxetine	Sertraline	Vilazodone	D _{esvenlafaxine}	Duloxetine	Levomilnacipran	Venlafaxine	Amitripyline	Am _{oxapine} Ch.	-unipramine	^{Uesipramine}	Daxepin	Imipramine Mai	Nort.	Protring	Trimipramine		







	Vancomycin		0.7		1.6	0.6	1.2	0.8	0.7		1.2	0.9			0.9	1.	4 0	6					
	Voriconazole		0.6			0.6	1.6	1.2	4.0		1.5	1.1											
	Zidovudine		0.9		1.2	1.3	0.6	0.8	0.8		1.1	1.4			0.9	1.	3 1	0					
	Antineoplastic																						
ч	Abiraterone						1.2	0.9				1.6											
ate Interacting Precipitant	Anastrozole		0.9		0.8	0.9	1.2	0.9	0.7		1.0	1.0			1.1	0.	.8 1	2	1.4	0.5	0.9		
Preci	Bicalutamide		0.8		1.3	0.9	1.8	0.8	1.8		0.5	1.2			1.4	1.	3 1	1			1.1		
cting	Capecitabine		0.5			0.8	0.9	1.6	1.3		0.6	1.4			1.2	0	.7 1	0					
ntera	Chlorambucil							1.2	2.0														
date	Cyclophosphamide						0.9	1.3			2.4	1.8				0	.7 0	8					
Candida	Enzalutamide							0.7															
0	Erlotinib		1.7		0.5	1.1	0.8	0.9	1.1		1.4	3.5				0	.8 1	0					
	Exemestane		1.5		1.4		0.7	1.7	1.8		0.5	1.6			1.9	1.	2 0	6					
	Flutamide			_			2.3				1.1												
	Hydroxyurea		1.9		1.1	1.2	0.7	1.2	1.0		0.8	1.2			0.5	0	.8 0	5	0.6				
	Imatinib						0.7	1.4	1.8		2.0	0.8			0.7	1.	0 0	8					
	Letrozole		0.7		0.8	0.9	0.5	1.1	1.2		0.7	1.0		0.8	0.6	1.	2 0	6	0.9	0.6	1.2		
	Melphalan										1.0												
	Mercaptopurine		1.6		1.1	1.2	0.9	1.2	1.2		1.0	1.0			1.6	1.	6 0	8					
	Methotrexate	1.3	1.1		1.2	1.0	1.1	1.0	0.8		1.3	1.0	0.5	1.8	1.4	1.	1 0	9	0.8	1.2	1.1		
	Pazopanib						1.3																
	Sorafenib		0.8									1.0											
	Sunitinib								1.9					_			_				_		
	Tamoxifen		1.1		1.0	1.1	1.1	1.3	0.5		1.4	0.9		1.6	1.3	1.	1 0	6		1.0	0.3		
	Temozolomide					1.3	0.7	1.3	1.1		1.4	0.6			1.1	0	.9						
Biologi	c and immunologic																				_		
	Azathioprine		1.1		0.9	1.7	1.2	1.4	0.9		0.8	1.1			1.0	1.	2 1	4	0.9		0.7		
	Cyclosporine				1.0	0.8	1.1	2.3	1.4		1.1	1.4			0.6	1.	2 1	3			0.9		
	Dimethyl fumarate		1.1		1.6		0.8		1.0		0.7	2.4	i Site		1.7	1.							
		N _{efazodone}	Trazodone	Vortioxetine	Bupropion	Mirt _{azapine}	Citalopram	Escitalopram	Fluoxetine	Fluvoxamine	Paroxetine	Sertraline	Vilazodone	D _{esvenlafaxine}	Duloxetine	^{Levomilnacipran} Venlas	Amitric	Amoxapine Clomipramine Desipramine	Doxepin	Imipramine Mapro+::.	Nortriptyline Prov.	Trimipramine	



0.3

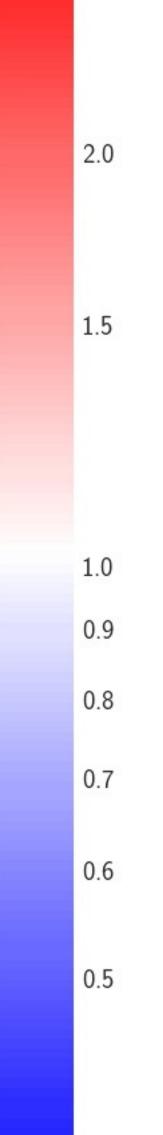
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Rate Ratio

				-	_																				
Acebutolol		1.6		0.8	2.1	0.7	1.7	1.5		1.3	0.8			0.8		0.7	0.7								
Aliskiren		0.7		1.0	1.1	1.0	1.5	1.0		1.7	0.8		0.6	0.8		1.1	0.8					1.0		1.3	
Ambrisentan						1.2		1.1			0.9														
Amiodarone	1.5	1.2		0.9	1.3	1.1	1.1	1.2	1.0	0.8	1.0	1.7	1.4	1.0		1.1	1.8				1.1	2.2		1.4	
Amlodipine	1.1	1.0		0.9	1.1	0.9	0.9	0.9	1.1	0.9	0.9	0.7	1.1	1.0		0.8	1.0	0.5	0.4	1.0	0.9	0.9	1.6	1.0	
Atenolol	1.1	1.0		1.0	0.9	0.9	1.0	1.0	0.8	1.0	0.9	0.5	0.7	0.9		0.9	0.9		0.9	0.9	1.1	1.1		0.9	
Atorvastatin	0.9	1.0	0.8	1.1	1.1	1.0	1.0	0.9	1.2	1.0	1.0	0.8	0.8	0.9		1.1	1.0	0.9	0.8	1.6	0.9	1.0		1.0	2.6
Azilsartan					2.6	2.2		3.7			1.3			1.9		1.3									
Benazepril	0.8	0.9		0.8	1.1	0.9	0.9	1.0	1.5	1.1	0.9		1.1	0.9		0.9	0.8		0.8	1.3	0.7	0.8		1.7	
Betaxolol							1.4																		
Bisoprolol	0.7	1.1		0.9	1.0	1.0	0.8	0.9		0.8	1.1		0.5	1.0		0.7	1.2				0.7	0.9		0.5	
Bosentan						1.4	1.5	1.9			1.4														
Candesartan	0.7	0.7		1.2	1.5	1.3	1.0	1.3		0.8	0.9			0.9		0.5	1.1					0.6		0.6	
Captopril		0.8		0.8	0.5	1.0	0.9	0.6		0.6	1.1			1.2		1.0	1.0				0.8	0.5		1.2	
Carvedilol	0.9	1.0		1.0	1.0	1.1	1.1	1.1	1.3	1.0	1.0	1.2	0.9	0.9		1.1	1.1		1.0	1.2	0.9	1.0		1.3	
Cerivastatin						1.6		1.3		1.2	0.8					0.7				_					
Cholestyramine		0.9		1.1	1.4	0.9	0.8	1.3		1.3	0.9		1.6	1.1		0.8	1.0			0.8	0.6	1.4		1.0	
Clonidine	0.9	1.0		1.1	1.0	0.9	1.0	1.0	0.4	1.0	1.0	2.6	0.8	0.8		1.0	1.1			1.3	0.9	1.0		0.7	
Colesevelam		1.0		0.6	1.2	1.0	0.9	1.2		1.0	1.1	0.9	1.0	1.0		0.8	1.5				0.7	0.8		1.4	
Colestip ol		0.7		0.9	1.3	0.7	1.1	1.2		1.2	1.1		0.8	1.7		0.7	0.6							0.8	
Digoxin	1.2	0.9		0.8	0.9	1.0	1.1	0.9	1.0	1.0	0.9	0.9	1.4	1.1		1.0	1.0		1.7	1.0	1.3	0.7		1.2	
Diltiazem	0.8	1.0		0.9	0.9	0.9	1.0	1.0	0.7	1.1	1.0	1.2	1.3	0.8		1.0	1.0	1.1	0.9	1.3	0.9	0.8		1.0	
Disopyramide					0.7	1.2	0.8	1.0			1.1						0.8								
Dofetilide		1.0		0.9	1.5	0.7	2.0	0.5		1.0	0.9			0.5		0.7									
Doxazosin	1.3	0.8		1.3	0.9	1.0	1.0	1.0	0.8	0.8	0.8		0.4	1.0		1.0	1.1				1.1	0.7		0.9	
Dronedarone		1.1		1.2	0.4	0.7	1.0	1.1		0.9	1.0		1.2	1.3		1.3	1.1								
Enalapril	0.8	0.9		0.8	1.2	1.0	1.0	0.9		1.0	0.9		1.1	1.2		0.8	1.0				1.1	1.6		0.9	
Eplerenone		1.6				0.7	1.2	1.2		2.2	0.7			0.6		1.0	1.7								
Eprosartan			Vortioxetine		Mirt _{azapine}	Citalopram 👷	1.2	Fluoxetine 2		1.0	Sertraline 7	Vil _{azodone}	D _{esvenlafaxine}	Dul _{oxetine}	^{Levomilnacipran}	V _{enlafaxine}	Amitripyline	Am _{oxapine}	^{Clom} ipramine						Protriptyline Tria.





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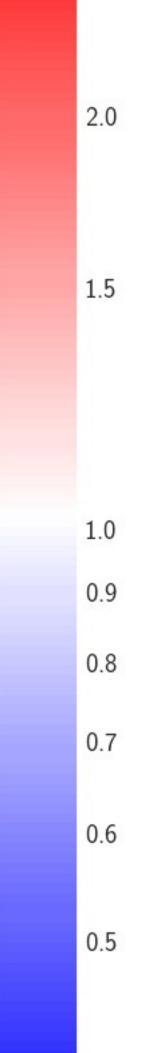
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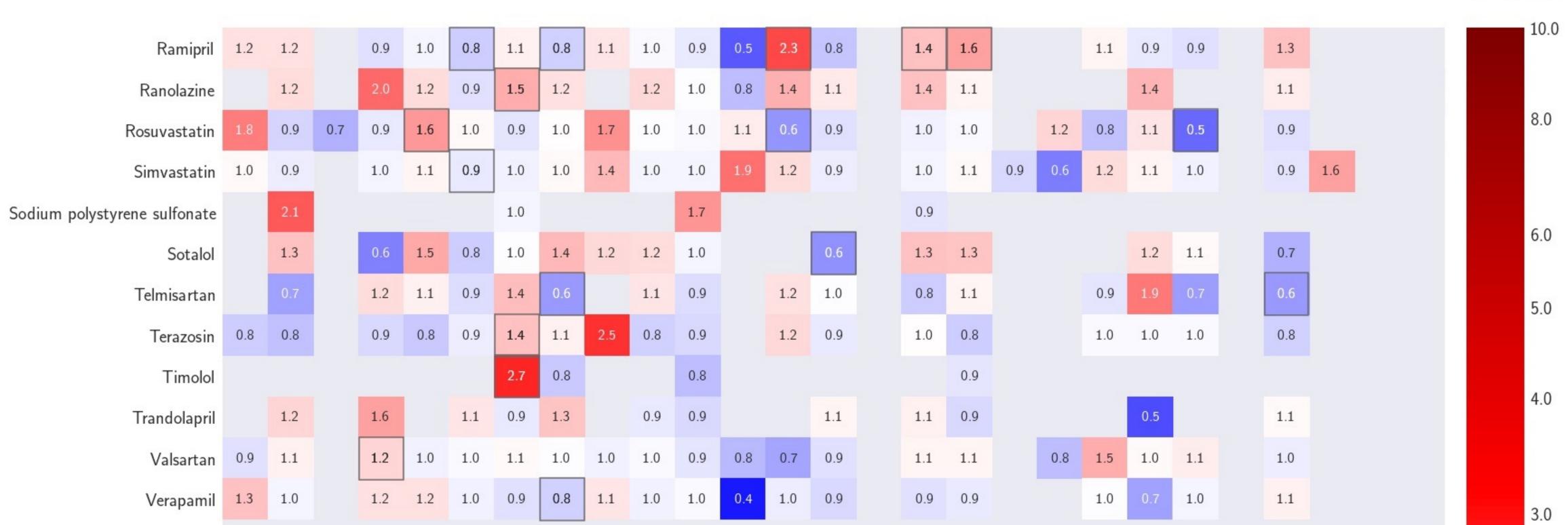
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																											r	Ratio
Ezetimibe	0.9	1.2		1.0	1.0	0.8	1.0	1.0	1.7	1.0	1.0	1.4	1.0	0.9		0.9	1.1			0.7	0.8	0.9		0.8				10.0
Felodipine		0.9		0.9	1.6	0.9	1.0	0.6		0.8	0.9			1.1		1.0	0.9			0.7	0.6	1.3		1.4				
Fenofibrate	1.0	0.9		1.0	1.3	0.9	1.0	1.0	0.9	1.1	1.0	0.9	1.5	0.8		1.0	1.1		1.6	1.0	0.8	1.9		1.2				8.0
Fenofibric acid		0.9		0.7	0.9	0.8	1.1	1.0		0.7	1.0	1.3	2.0	1.0		0.7	0.8				0.8			0.8				
Flecainide		1.2		1.3	0.7	0.9	1.0	1.4		0.9	0.8			1.2		1.5	1.1				1.0							6.0
Fluvastatin		2.7		0.9	0.8	0.8	0.7	0.6		1.1	0.5			1.4		1.0	0.9				0.6	1.3						6.0
Fosinopril		2.0		2.0	0.9	0.9	1.1	0.8		1.0	0.7			1.0		1.4	0.6				0.8	1.6		1.7				5.0
Gemfibrozil	0.9	0.9		0.9	0.6	1.0	0.8	1.1	0.7	1.0	1.1		1.1	1.0		1.2	0.9		0.6	0.8	1.3	0.6		1.0				
Guanfacine		1.2		0.5	0.8	1.2	1.1	1.1		1.5	0.7			1.2		1.6	1.4							0.8				4.0
Hydralazine		1.4		1.1	1.1	1.0	0.9	1.1	0.8	1.0	1.1		0.9	0.9		1.0	1.2			0.6	0.8	0.9		0.9				4.0
lcosapent						0.9				0.9				1.1														
Irbesartan		1.4		1.1	1.2	0.9	1.3	0.8		0.8	1.0		0.5	1.0		1.2	0.8				1.3	0.7		0.9				3.0
lsosorbide dinitrate		1.2		1.2	1.0	1.0	0.9	1.3		0.7	1.1		1.3	1.3		1.7	1.0				1.0	0.8		0.7				
lsosorbide mononitrate	0.7	1.2		0.9	1.0	1.0	0.9	1.1	1.2	1.1	1.0	0.8	1.3	0.9		0.9	1.3		1.9	1.6	1.5	1.1		1.4				
Isradipine					1.1	0.2	1.5	0.7		0.5	0.9			0.9		0.8	0.6							1.1				
Labetalol		1.0		0.5	0.6	0.9	0.9	0.9		0.9	1.0		1.2	1.1		1.1	1.0				0.7	0.7		1.0				2.0
Lisinopril	1.1	1.0	0.7	1.0	1.0	1.0	1.0	0.9	1.9	1.0	1.0	1.0	1.2	0.9		1.0	1.0	1.0	1.8	0.7	1.1	1.0	1.7	0.9				
Losartan	1.1	1.1		0.9	1.1	1.1	1.1	1.1	0.8	1.1	1.0	1.0	0.8	1.0		1.0	1.0		0.9	1.3	1.1	0.8		1.1				
Lovastatin	0.7	0.8		1.1	1.0	0.8	1.0	0.9	0.9	1.0	1.0	1.5	0.9	0.8		0.8	1.0		0.6	1.1	0.9	1.0		0.9				1.5
Methyldopa		0.8		0.8		1.1	0.6	1.1		0.8	0.8			1.3		3.0	0.2											
Metoprolol	1.2	1.0	1.2	0.9	0.9	1.0	0.9	1.0	1.1	0.9	1.0	1.5	1.1	0.9	1.5	1.0	1.0	0.8	0.5	1.0	1.2	1.2	0.6	0.8	1.0			
Mexiletine		1.2			0.9	0.8	1.0	1.6		2.1	0.9			1.0		1.1	1.1											
Midodrine		1.0		1.0	0.7	0.9	0.9	0.9		1.2	1.3		1.9	0.9		0.6	1.5				0.5	1.1		0.7				1.0
Minoxidil		0.7		2.1	0.7	1.0	1.2	1.3		1.2	1.3			1.4		1.7	1.1				0.6			1.5				0.9
Moexipril		2.0		0.9	0.6	0.7	1.6	0.8		1.2	0.7			1.9		2.4	1.4				0.3			0.9				0.8
Nadolol		0.8		0.7	0.6	0.9	1.2	1.4		0.8	0.9		0.9	0.8		0.8	0.9			1.1	0.6	0.7		1.7				
Nebivolol		1.2		1.4	1.6	1.1	1.0	1.0		0.9	1.4	0.8	1.1	0.8		0.7	1.2				1.3	1.7		0.8				0.7
Nicardipine						0.6		1.7		1.2	0.7						0.6											0.6
Nifedipine	0.9	1.2		0.9	1.1	1.0	0.8	1.1		0.9	0.9		1.2	0.8		1.0	0.8			1.0	1.4	1.5		0.7				
Nisoldipine		1.3		1.2	1.0	1.0	1.3	0.9		0.7	1.0			1.1		0.6	1.0							1.3				0.5
Nitroglycerin		0.7			0.5	1.9	0.8	0.8		1.0	1.2					1.2	0.7											
Olmesartan	1.3	0.8		1.0	1.0	0.9	0.9	1.1	1.4	1.2	1.0		1.3	0.9		1.0	1.0			0.6	2.1	1.0		1.3				
Papaverine						0.9	0.8				1.1																	0.4
Perindopril				0.6		1.0	1.0	0.8		0.5	1.1					0.4	0.7											
Pindolol		1.3		1.3	1.8	0.9	1.3	1.1		1.6	0.7			2.6		1.0	1.0											
Pitavastatin		1.4		0.7		1.0	0.5	1.1		1.3	1.4		2.5	1.0		0.5	0.6											0.3
Pravastatin	0.9	1.0		1.0	0.9	1.0	1.0	1.1	0.7	1.0	1.0	1.2	1.2	0.9		0.9	1.0		2.1	1.5	1.3	1.0		1.2				
Prazosin		1.5		0.6	1.4	0.9	1.0	1.1		1.1	0.8		0.7	1.1		0.8	1.1				2.1			1.2				
Propafenone		1.0		0.5	1.1	0.8	1.0	0.8		2.3	1.0			0.5		1.0	1.1				1.1	1.1		0.8				0.2
Propranolol	1.2	1.2		1.0	1.1	1.0	1.0	0.9	1.0	1.2	1.1	2.2	0.9	1.0		1.1	0.9		1.3	1.1	0.8	1.6		0.8				
Quinapril	0.6	1.5		1.0	0.8	1.1	1.1	1.1		0.9	0.8		0.6	0.9		0.7	1.2			0.7	0.8	0.9		1.5				
Quinidine		1.1			1.9	1.3	0.9	0.7		0.9	0.9			0.8		0.6												0.1
	N _{efazodone}	Trazodone	Vortioxetine	Bupropion	Mirtazapine	Citalopram	Escitalopram	Fluoxetine	Fluvoxamine	Paroxetine	Sertraline	Vilazodone	D _{esvenlafaxine}	Duloxetine	^{Levomilnacipran}	V _{enlafaxine}	Amitripyline	Amoxapine	Clomipramine	Desipramine	Doxepin	Imipramine	M _{aprotiline}	Nortriptyline	Protriptyline Tri	'imipramine		U.1

Rate Ratio



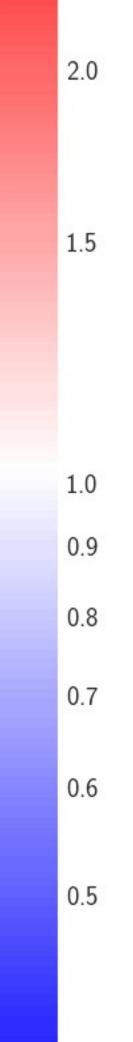
Candidate Interacting Precipitant





Central nervous system

Acamprosate		0.8		1.0	1.1	0.5	0.9	0.9		0.8	1.2		0.8	0.8		0.8	1.5										
Acetaminophen	0.9	0.9	1.9	0.9	1.1	1.0	0.9	1.0	1.0	0.9	1.0	0.9	1.1	0.9	1.9	0.9	0.9	0.6	0.9	1.2	0.9	1.0	1.4	1.1	1.0	1.2	
Almotriptan		0.9		0.8		1.0	0.9	1.0		0.7	0.6			0.7		1.1	1.3							1.1			
Alosetron				0.6			1.1										1.6										
Alprazolam	0.9	1.0	2.0	0.9	1.3	1.0	1.0	1.0	1.0	1.1	1.1	1.3	1.0	1.1	3.0	1.0	1.0	1.2	0.7	1.2	1.1	1.1	2.3	0.9			
Amphetamine	1.3	0.9		1.0	1.1	1.0	0.9	1.0	0.5	1.2	1.0	1.8	0.7	1.0		1.1	0.9		0.5		1.3	0.7		0.7			
Aprepitant				0.8		0.9	0.9	0.7		0.6	0.9						1.1										
Aripiprazole	1.1	1.0		1.0	1.1	1.0	1.2	1.0	1.5	0.8	1.0	1.4	0.8	0.9		0.9	1.3		0.8		0.6	0.8		1.2			
Armodafinil		0.6		0.9	1.1	1.0	1.1	0.7		1.9	1.1		0.8	1.2		1.2	1.6					1.0					
Aspirin	1.1	1.2		0.9	1.4	1.0	0.9	1.1	0.7	0.9	1.2	0.9	0.7	1.0		1.1	1.0			1.3	1.2	1.4		1.1			
Atomoxetine	1.4	0.7		0.9	1.5	0.9	1.1	1.3		1.8	0.9		1.6	1.5		1.2	1.3							1.1			
Baclofen	1.3	1.1	1.2	0.9	1.0	1.0	0.9	1.1	1.1	1.0	1.0	1.9	1.0	1.1		1.0	1.1			0.9	0.8	1.0		1.2			
Benztropine		0.8		1.1	1.2	1.2	1.2	1.1	3.3	1.0	1.0	0.9	0.7	1.0		1.4	0.7		2.0		0.7	1.1		2.1			
Bromocriptine		1.1		1.8		0.9	1.6	1.4		1.7	1.3			0.8		0.7	1.6										
Buspirone	1.5	1.1		1.2	0.9	0.9	0.9	0.9	1.6	1.1	1.0	0.6	1.0	1.0		1.0	1.0		2.2	0.9	1.3	0.9		1.0			
Butabarbital						1.3	1.2	1.6		1.9							1.1										
Butalbital	2.1	1.1		1.2	1.9	1.2	1.0	1.2	0.9	1.0	1.2	0.9	1.0	0.9		1.1	0.9			1.2	1.3	0.9		1.1			
Caffeine	1.3	1.1		1.1	2.0	1.1	1.0	1.1	1.0	1.0	1.2	0.7	1.0	0.9		1.1	1.0			1.3	1.3	0.9		1.0			
Carbamazepine	1.2	1.2		0.9	1.0	1.1	1.0	1.2	1.1	1.2	1.1		1.5	0.7		0.9	1.0			0.8	0.7	0.8		0.8			
Carbidopa	2.4	0.8		0.9	1.3	1.0	0.9	1.0	0.9	1.1	1.0		0.9	1.1		0.9	1.1		1.5		1.0	0.9		0.7			
Carisoprodol	0.7	0.9		0.9	1.4	1.0	1.2	1.2	2.9	0.9	1.0	0.7	1.2	1.1		1.1	0.9			0.5	0.9	1.2		1.1			
Celecoxib	1.3	1.0		0.9	0.9	1.0	1.0	1.0	0.7	0.9	1.0	1.1	1.0	0.9		1.1	1.0		0.5	0.8	1.0	1.6		1.2			
Chloral hydrate				4.0	1.4	1.5	0.8	0.5								0.7	0.7										
Chlordiazepoxide	1.4	1.2		1.1	0.8	1.1	1.0	1.1		1.0	1.3		1.3	1.4		1.4	0.6			1.7	2.2	2.4		0.9			
Chlorpromazine		1.1		1.4	1.2	0.9	1.4	1.7		1.1	0.8			1.5		0.7	0.9				1.1	1.4		1.3			
Chlorzoxazone	0.9	0.8		1.0	0.5	1.2	1.1	0.9		0.5	1.1		1.7	0.9		1.0	0.9				0.7			1.3			
Choline salicylate						1.8		0.8		1.3	1.4			1.6			1.0										
Clobazam											1.0																
Clonazepam		1.0	1.3	1.0	1.1	1.1	1.2	1.0	1.1	1.0	1.1	0.8	0.9	1.0	2.2		1.1					0.7		1.1			
	N _{efazodone}	Trazodone	Vortioxetine	Bupropion	Mirt _{azapine}	Citalopram	Escitalopram	Fluoxetine	Fluvoxamine	Paroxetine	Sertraline	Vilazodone	D _{esvenlafaxine}	Duloxetine	^{Levo} milnacipran	V _{enlafaxine}	Amitripyline	Amoxapine	Clomipramine	D _{esipramine}	Darepin	Imipramine	Maprotiline	Nortriptyline	Protriptyline	lrimipramine	



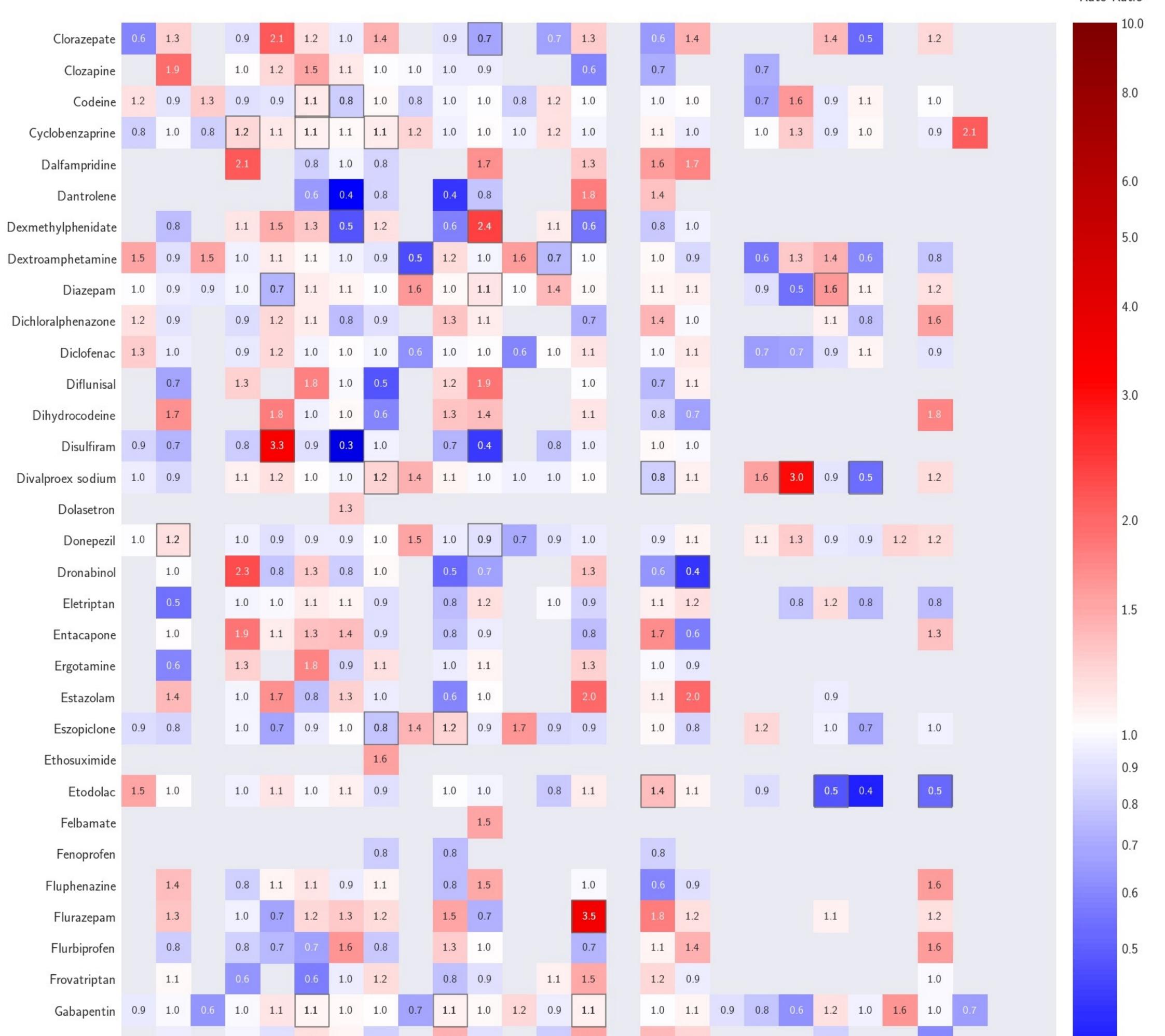
Candidate Interacting Precipitant

0.4

0.3

0.2

0.1



Rate Ratio

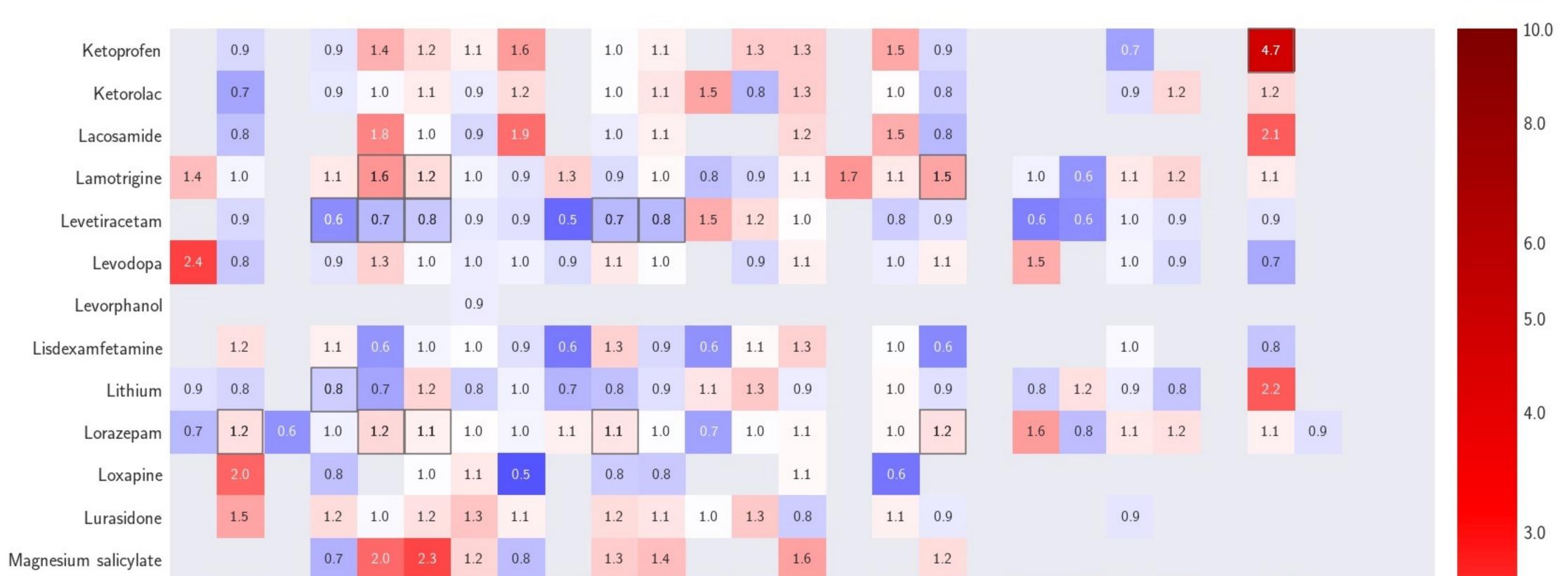
0.4

0.3

0.2

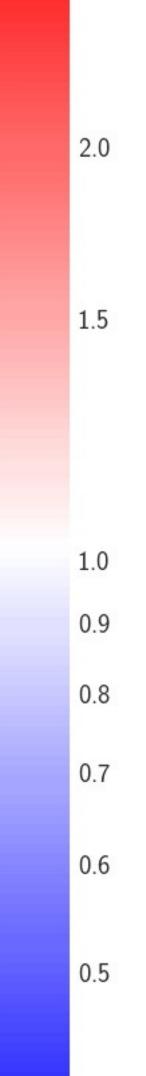
0.1

Disulfiram	0.9	0.7		0.8	3.3	0.9	0.3	1.0		0.7	0.4		0.8	1.0		1.0	1.0										
Divalproex sodium	1.0	0.9		1.1	1.2	1.0	1.0	1.2	1.4	1.1	1.0	1.0	1.0	1.0		0.8	1.1		1.6	3.0	0.9	0.5		1.2			
Dolasetron							1.3																				
Donepezil	1.0	1.2		1.0	0.9	0.9	0.9	1.0	1.5	1.0	0.9	0.7	0.9	1.0		0.9	1.1		1.1	1.3	0.9	0.9	1.2	1.2			
Dronabinol		1.0		2.3	0.8	1.3	0.8	1.0		0.5	0.7			1.3		0.6	0.4										
Eletriptan		0.5		1.0	1.0	1.1	1.1	0.9		0.8	1.2		1.0	0.9		1.1	1.2			0.8	1.2	0.8		0.8			
Entacapone		1.0		1.9	1.1	1.3	1.4	0.9		0.8	0.9			0.8		1.7	0.6							1.3			
Ergotamine		0.6		1.3		1.8	0.9	1.1		1.0	1.1			1.3		1.0	0.9										
Estazolam		1.4		1.0	1.7	0.8	1.3	1.0		0.6	1.0			2.0		1.1	2.0				0.9						
Eszopiclone	0.9	0.8		1.0	0.7	0.9	1.0	0.8	1.4	1.2	0.9	1.7	0.9	0.9		1.0	0.8		1.2		1.0	0.7		1.0			
Ethosuximide								1.6																			
Etodolac	1.5	1.0		1.0	1.1	1.0	1.1	0.9		1.0	1.0		0.8	1.1		1.4	1.1		0.9		0.5	0.4		0.5			
Felbamate											1.5																
Fenoprofen								0.8		0.8						0.8											
Fluphenazine		1.4		0.8	1.1	1.1	0.9	1.1		0.8	1.5			1.0		0.6	0.9							1.6			
Flurazepam		1.3		1.0	0.7	1.2	1.3	1.2		1.5	0.7			3.5		1.8	1.2				1.1			1.2			
Flurbiprofen		0.8		0.8	0.7	0.7	1.6	0.8		1.3	1.0			0.7		1.1	1.4							1.6			
Frovatriptan		1.1		0.6		0.6	1.0	1.2		0.8	0.9		1.1	1.5		1.2	0.9							1.0	_		
Gabapentin	0.9	1.0	0.6	1.0	1.1	1.1	1.0	1.0	0.7	1.1	1.0	1.2	0.9	1.1		1.0	1.1	0.9	0.8	0.6	1.2	1.0	1.6	1.0	0.7		
Galantamine		0.9		1.0	0.9	1.2	1.1	0.8		1.4	0.9		0.8	1.5		1.4	1.2				0.8			0.6			
Granisetron						1.0		1.3		1.1	1.4					1.3											
Haloperidol		1.3		1.0	1.0	1.4	0.8	0.9	2.2	1.0	1.3		1.4	1.0		1.1	1.5		1.2		1.6	0.8		1.3			
Hydrocodone	0.7	0.9	1.7	0.8	1.0	1.0	0.9	1.0	1.2	0.9	1.0	1.0	1.1	1.0	1.8	0.9	0.9	0.6	1.0	1.1	0.8	1.0	1.4	1.0	0.9	1.3	
Hydromorphone		1.0		0.8	1.0	0.8	1.0	1.0	1.2	0.9	1.1	0.7	0.6	1.0		1.2	0.9			0.9	1.4	0.7		1.0			
Hydroxyzine	1.0	1.0		0.9	1.0	1.1	0.9	1.1	0.9	1.0	1.0	0.7	0.9	1.1		1.0	1.1		1.9	0.6	1.2	0.9		0.9			
Ibuprofen	0.7	0.9	0.7	0.9	0.6	0.9	1.0	0.9	1.2	0.9	1.0	0.5	0.9	1.0	2.3	0.9	1.0		1.2	1.0	0.7	0.8		1.0	1.7		
lloperidone		0.5					0.7	1.1								0.7											
Indomethacin	0.9	1.5		0.6	0.8	1.0	0.8	1.1	0.8	1.0	1.0	1.2	0.9	1.0		0.9	1.0		0.6		1.4	0.9		1.2			
lsometheptene mucate	1.2	1.0		0.9	1.2	1.1	0.7	0.9		1.3	1.1			0.8		1.4	1.0				1.0	0.8		1.5			
	N _{efazodone}	Trazodone	Vortioxetine	Bupropion	Mirtazapine	Citalopram	Escitalopram	Fluoxetine	Fluvoxamine	Paroxetine	Sertraline	Vilazodone	D _{esvenlafaxine}	Duloxetine	^{Levomilnacipran}	V _{enlafaxine}	Amitripyline	Amoxapine	^{Clomipramine}	D _{esipramine}	Daxepin	Imipramine	Maprotiline	Nortriptyline	Protriptyline	lrimipramine	



Rate Ratio

Meclizine		0.9		0.8	1.1	1.1	1.1	1.0	1.3	1.1	1.0	1.6	0.9	0.8		0.8	0.9		1.9	1.7	0.9	1.1		1.1	
Meclofenamate											0.9														
Mefenamic acid				0.6			1.1	1.6		0.6	1.4					1.4									
Meloxicam	0.4	1.0	0.6	1.1	1.1	1.0	1.1	1.0	0.9	1.0	1.0	1.0	1.0	1.0		1.0	1.0		1.0	1.4	1.0	1.4		1.3	
Memantine		1.0	1.2	1.0	0.8	1.0	1.0	1.0	1.4	1.1	1.0	1.2	0.7	1.0		0.9	1.0		0.9	1.4	2.4	0.8		1.4	
Meperidine	4.8	1.1		0.8	1.5	0.6	0.9	0.8	1.9	0.9	1.4			1.2		1.5	0.9				0.8			0.8	
Meprobamate		1.3			1.1	1.2		0.9		1.1	0.8				,		1.2								
Metaxalone	1.1	1.1		1.2	0.7	1.3	1.1	1.1	0.7	1.2	1.1	1.2	1.6	1.3		1.2	1.0			1.1	1.3	0.9		0.9	
Methadone	0.4	0.9		0.8	0.7	1.1	0.9	1.1		1.2	0.9	0.6	1.3	1.0		0.9	0.8			2.2	0.8	1.8		1.0	
Methocarbamol	0.8	0.9		0.8	0.7	1.1	1.0	1.0	0.8	0.9	1.0	0.7	1.0	1.0		0.8	1.1		1.3	1.0	0.7	1.3		1.2	
Methylphenidate	0.7	0.9		1.0	0.8	1.0	1.0	1.1	1.7	1.2	1.0	0.5	0.8	1.1		1.0	1.4		1.4	0.7	0.9	0.7		0.8	
Milnacipran		1.3		0.7	1.0	0.9	0.8	1.1		0.6	1.1	0.5	1.6	1.0		1.3	1.3				0.8			0.5	
Modafinil		0.7		1.2	1.5	1.3	0.9	1.2	1.1	1.1	1.0		0.6	0.9		0.9	1.0		1.5		0.7	2.8		1.6	0.9
Morphine	0.6	1.0		0.9	0.7	1.0	0.9	1.0		0.9	0.9	0.6	1.1	1.0		1.0	0.9			0.7	1.0	0.9		1.0	
Nabumetone	1.5	1.4		0.9	0.9	0.8	1.0	1.3	1.1	1.1	1.1	1.8	0.6	1.0		1.1	1.0				0.8	0.7		1.1	
Naloxone		1.4		0.8	1.4	1.3	0.7	1.1		0.6	1.5			0.5		1.1	0.8				0.8				
Naltrexone		0.7		0.7	1.6	0.9	0.9	1.1		1.5	0.7		1.3	0.7		0.9	0.8						ſ		_
Naproxen	0.8	0.9		1.0	1.0	1.0	1.1	1.0	0.9	1.0	0.9	1.9	0.8	1.0		0.9	0.9		1.1	1.0	1.2	1.2		1.3	2.5
Naratriptan		1.8		1.2	1.0	1.2		0.9		0.8	1.1		1.2	1.7	ſ	0.8	0.7				0.6			1.1	
Olanzapine		1.1	10	0.7	1.2	1.0	0.9	1.0	1.1	0.8	1.1	0.6	1.1	1.0		0.8	1.6		1.2	0.6	0.9	0.9		1.1	47
Ondansetron	1.1	1.0	1.2	0.8	1.0	1.0	1.0	0.9	0.5	1.1 2.2	1.0	0.7	1.5	0.9		1.1	1.1		0.9	1.3	1.0	2.6		0.7	1.7
Opium	1.2	0.7		1.1	0.8	0.8	1.7 1.0	0.8	0.7	0.8	1.0		1.3	1.0		0.9	0.9				1.5	1.2		1.2	1.1
Orphenadrine Oxaprozin	1.2	1.0		1.1	1.4	1.0	0.8	0.8	0.1	0.8	1.0		1.5	1.0		1.0	1.1				1.5	0.9		1.2	1.1
Oxaprozin	0.8	0.6		1.5	1.4	0.9	0.8	1.1		0.8	0.9			1.1		0.7	0.7				0.5	0.0			
Oxcarbazepine		1.2		1.0	0.8	1.0	1.1	0.9	0.6	1.3	1.0	0.8	0.9	1.0		0.9	1.2		0.9	1.0	0.6	1.1		0.5	
Oxycodone	1.1	0.8	1.1	0.7	1.0	0.9	0.9	0.9	0.3	1.0	0.9	1.0	0.8	0.8	[0.9	0.9	0.7	1.6	0.9	0.9	1.1	2.1	0.9	1.3
Oxymorphone		1.0		0.6	1.5	1.1	1.2	1.2		0.9	0.8		0.8	0.7		1.8	1.0				1.7			1.4	
Paliperidone		1.3		0.9	1.1	0.6	0.9	0.9		1.7	0.4		1.2	0.7		0.5	0.7				1.8				
	N _{efazodone}	Trazodone	Vortioxetine	Bupropion	Mirtazapine	Citalopram	Escitalopram	Fluo _{xetine}	Fluvoxamine	Paroxetine	Sertraline	Vilazodone	Desvenlafaxine	Duloxetine	^{Levomilnacipran}	Venlafaxine	Amitripyline	Am _{oxapine}	^{Clomipramine}	D _{esipramine}	Doxepin	Imip _{ramine}	Maprotiline	Nortriptyline	Protriptyline Trin.



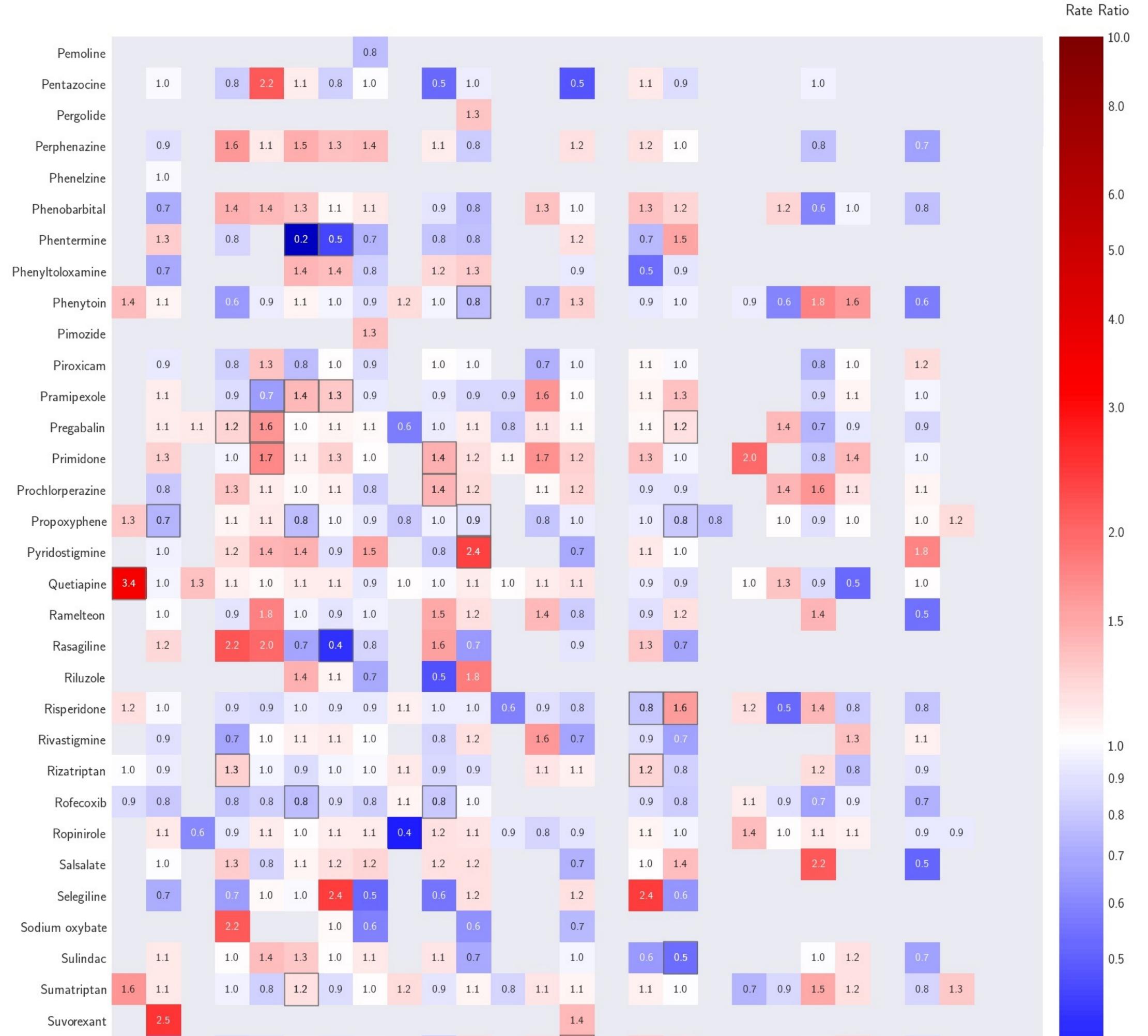
0.4

0.3

0.2

0.1

Candidate Interacting Precipitant



Primidone		1.3		1.0	1.7	1.1	1.3	1.0		1.4	1.2	1.1	1.7	1.2	1.3	1.0		2.0		0.8	1.4	1.0	
Prochlorperazine		0.8		1.3	1.1	1.0	1.1	0.8		1.4	1.2		1.1	1.2	0.9	0.9			1.4	1.6	1.1	1.1	
Propoxyphene	1.3	0.7		1.1	1.1	0.8	1.0	0.9	0.8	1.0	0.9		0.8	1.0	1.0	0.8	0.8		1.0	0.9	1.0	1.0	1.2
Pyridostigmine		1.0		1.2	1.4	1.4	0.9	1.5		0.8	2.4			0.7	1.1	1.0						1.8	
Quetiapine	3.4	1.0	1.3	1.1	1.0	1.1	1.1	0.9	1.0	1.0	1.1	1.0	1.1	1.1	0.9	0.9		1.0	1.3	0.9	0.5	1.0	
Ramelteon		1.0		0.9	1.8	1.0	0.9	1.0		1.5	1.2		1.4	0.8	0.9	1.2				1.4		0.5	
Rasagiline		1.2		2.2	2.0	0.7	0.4	0.8		1.6	0.7			0.9	1.3	0.7							
Riluzole						1.4	1.1	0.7		0.5	1.8												
Risperidone	1.2	1.0		0.9	0.9	1.0	0.9	0.9	1.1	1.0	1.0	0.6	0.9	0.8	0.8	1.6		1.2	0.5	1.4	0.8	0.8	
Rivastigmine		0.9		0.7	1.0	1.1	1.1	1.0		0.8	1.2		1.6	0.7	0.9	0.7					1.3	1.1	
Rizatriptan	1.0	0.9		1.3	1.0	0.9	1.0	1.0	1.1	0.9	0.9		1.1	1.1	1.2	0.8				1.2	0.8	0.9	
Rofecoxib	0.9	0.8		0.8	0.8	0.8	0.9	0.8	1.1	0.8	1.0				0.9	0.8		1.1	0.9	0.7	0.9	0.7	
Ropinirole		1.1	0.6	0.9	1.1	1.0	1.1	1.1	0.4	1.2	1.1	0.9	0.8	0.9	1.1	1.0		1.4	1.0	1.1	1.1	0.9	0.9
Salsalate		1.0		1.3	0.8	1.1	1.2	1.2		1.2	1.2			0.7	1.0	1.4				2.2		0.5	
Selegiline		0.7		0.7	1.0	1.0	2.4	0.5		0.6	1.2			1.2	2.4	0.6							
Sodium oxybate				2.2			1.0	0.6	2		0.6			0.7									
Sulindac		1.1		1.0	1.4	1.3	1.0	1.1		1.1	0.7			1.0	0.6	0.5				1.0	1.2	0.7	
Sumatriptan	1.6	1.1		1.0	0.8	1.2	0.9	1.0	1.2	0.9	1.1	0.8	1.1	1.1	1.1	1.0		0.7	0.9	1.5	1.2	0.8	1.3
Suvorexant		2.5												1.4									
Tapentadol		0.6		0.7	0.8	1.0	0.9	1.0		0.5	1.3		1.2	1.8	1.7	1.1				1.0	1.3	0.8	

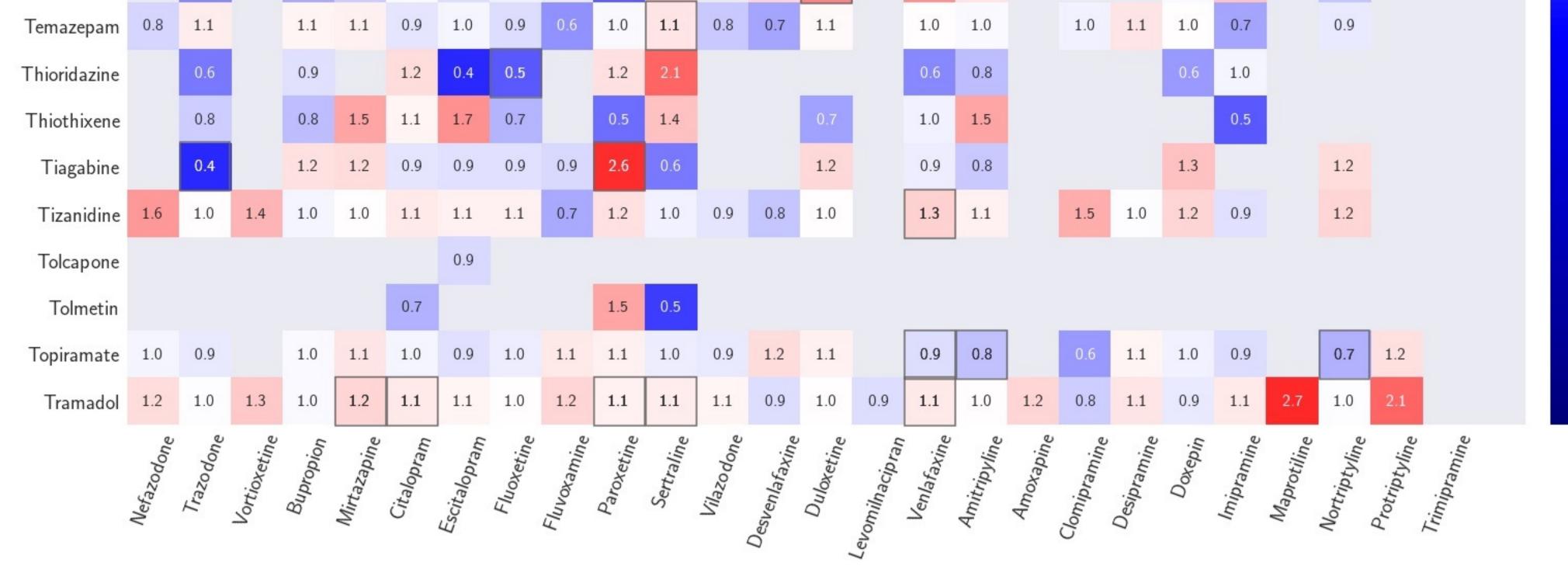
Candidate Interacting Precipitant

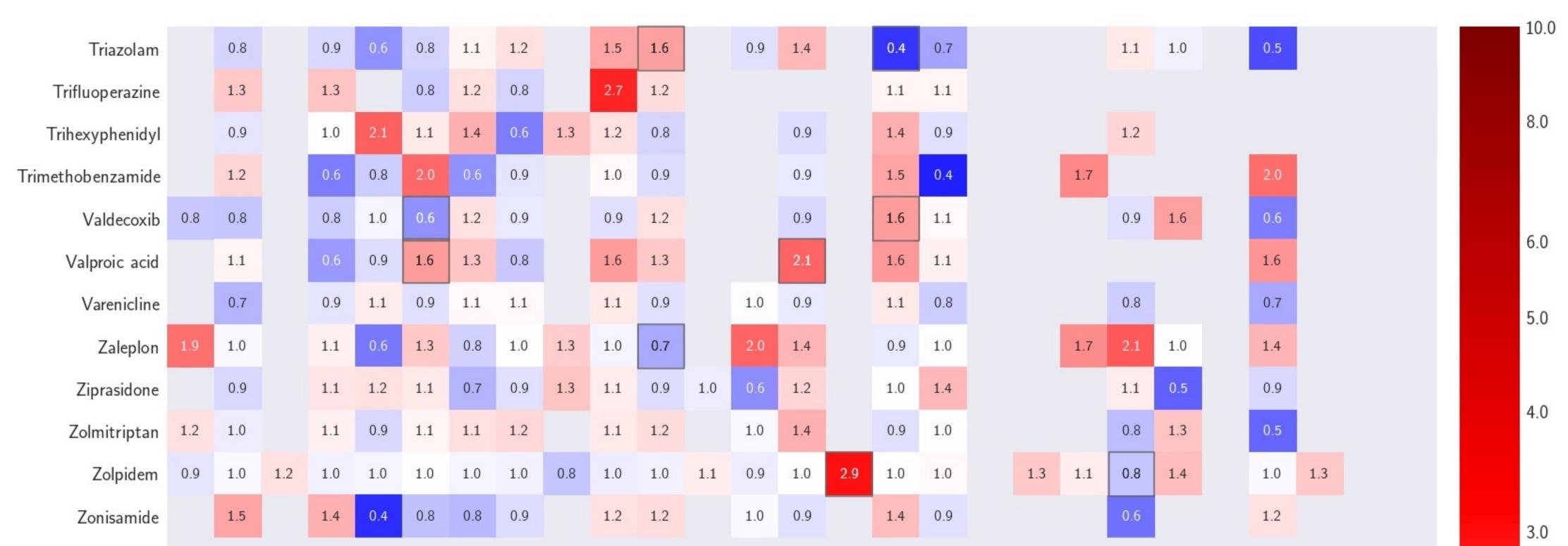
0.4

0.3

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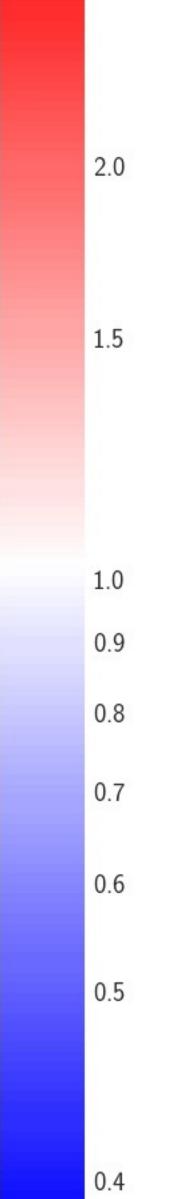




Rate Ratio

Dermatological

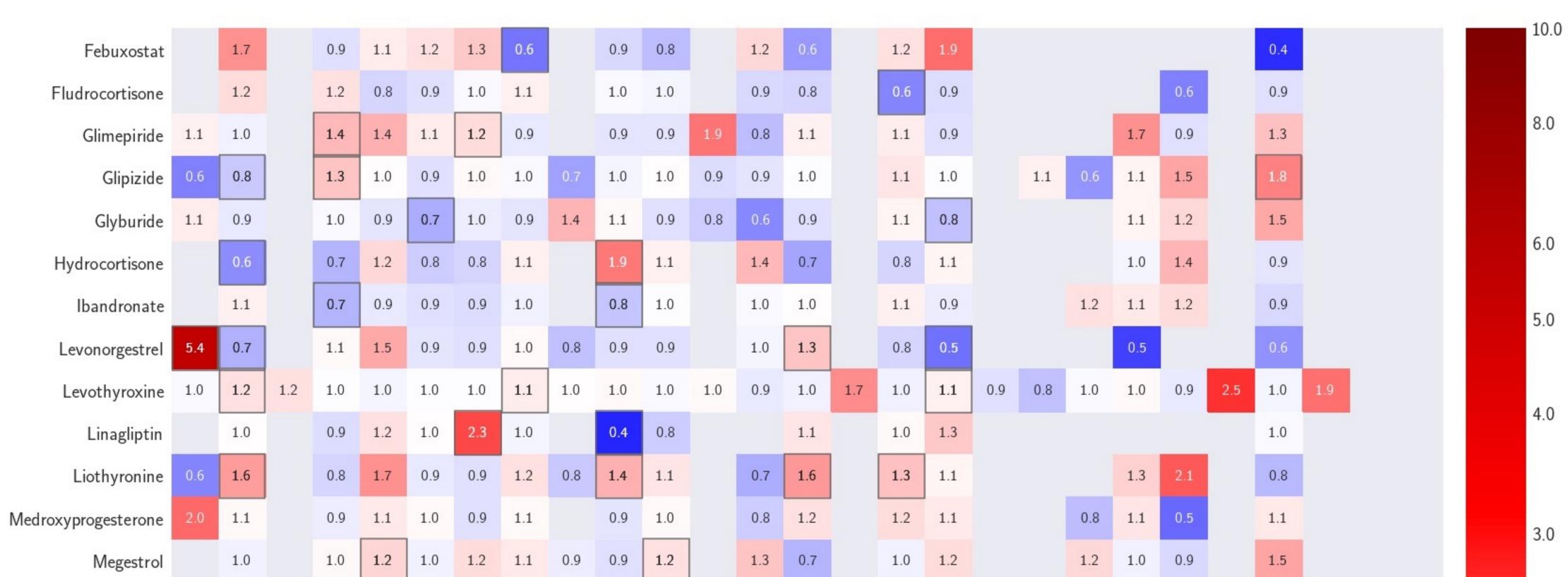
Acitretin						0.5	0.9				0.8			1.5		1.3										
Isotretinoin		1.0		1.0		0.7	1.1	1.1		0.8	0.9			1.6		0.9	0.8									
Endocrine and metabolic																										
Acarbose		0.9		1.6	0.7	0.8	0.9	1.7		0.8	1.0			1.0		1.6	2.2							0.6		
Alendronate	0.9	1.0		1.1	0.8	0.9	0.9	1.0	0.9	0.9	0.9	1.3	1.0	1.0		1.0	0.8	0.5	1.5	1.1	0.9	0.8		0.9		
Allopurinol Alogliptin Budesonide Cabergoline Calcitriol	0.9	1.0		1.3	1.2	0.9	0.9	1.1	1.0	0.9	1.0	0.7	1.1	1.0		1.1	0.9		1.2	0.8	1.1	1.8		1.4		
Alogliptin											1.2															
Budesonide		0.8		1.5	1.0	0.7	1.1	1.9		0.8	1.3		1.6	1.1		1.3	0.6							0.7		
Cabergoline		1.6		1.0		0.7	1.3	0.9			1.6			1.5		1.7	0.9									
Calcitriol		1.6		1.2	0.8	1.2	1.0	1.1		1.3	0.8		0.8	1.1		1.0	0.9				0.5	1.4		1.5		
Canagliflozin		1.1		1.4	0.9	1.2	1.4	0.6		1.8	0.9		0.4	0.9		1.5	0.6									
Cinacalcet		1.3		0.7	1.9	1.1	0.5	1.2		0.9	0.9			0.8		1.5	1.0									
Clomiphene				0.6		1.9	0.5	1.4		0.9	0.9															
Colchicine		1.4		1.3	0.9	1.0	0.7	0.8		1.0	0.8		1.9	1.2		1.0	0.8				0.9	0.9		0.9		
Conjugated estrogens	1.3	0.8		1.0	1.2	0.9	1.0	1.1	1.3	0.9	1.0	0.6	0.7	1.0		1.1	1.1		1.3	0.9	1.0	0.8		1.4		
Cortisone							0.6																			
Dapagliflozin				0.7		1.2	1.3			0.6	1.0															
Deferasirox							1.0			_																
Desmopressin		1.5		1.1	1.5	1.6	1.3	0.9		0.5	1.3			0.9		1.1	1.6					0.9				
Desogestrel	1.8	1.9		1.1		0.9	0.8	1.3	1.6	1.0	1.0		1.0	0.7		0.8	0.6				0.8	0.3		0.9		
Dexamethasone		1.1		0.9	1.2	1.1	0.9	1.2		1.3	0.8		0.6	0.8		1.2	0.6			0.8	1.3	0.9		0.7		
Doxercalciferol						0.9	1.0	1.6		0.9	1.0															
Drospirenone		1.3		1.0	1.1	0.8	1.0	0.9		1.0	1.0		0.8	1.0		1.1	0.8				0.6	0.9		0.6		
Esterified estrogens	1.0	1.1		1.0	0.7	0.8	0.8	0.9		0.8	1.0		0.8	1.0		0.9	0.6				0.6	0.5		0.8		
Estradiol	0.7	1.0		1.0	0.8	1.1	1.0	0.9	0.7	1.0	1.0	1.1	1.2	0.9		0.9	0.9			1.2	0.9	0.7		1.5		
Estropipate		1.0		1.4	1.3	0.9	1.1	1.0		1.0	0.8			1.4		0.8	0.7				1.1	2.8				
Ethinyl estradiol	1.0	1.1	1.2	1.0	1.1	1.0	0.9	1.0	0.9	1.0	1.0	0.5	0.9	1.0	2.3	1.0	0.7		0.6	1.4	0.4	1.1		0.7 1.)	
Ethynodiol		0.7		0.7		1.2	1.1	0.7		1.0	1.1			0.5		1.9	1.3									
Etidronate							0.8																			
	N _{efazodone}	Trazodone	Vortioxetine	Bupropion	Mirtazapine	Citalopram	Escitalopram	Fluoxetine	Fluvoxamine	Paroxetine	Sertraline	Vilazodone	D _{esvenlafaxine}	Duloxetine	^{Levomilnacipran}	V _{enlafaxine}	Amitripyline	Am _{oxapine} Ci	^{clomipramine}	^{Uesipramine}	Doxepin	Imipramine	Maprotiline	Nortriptyline Protrine	Trimipramine	



0.3

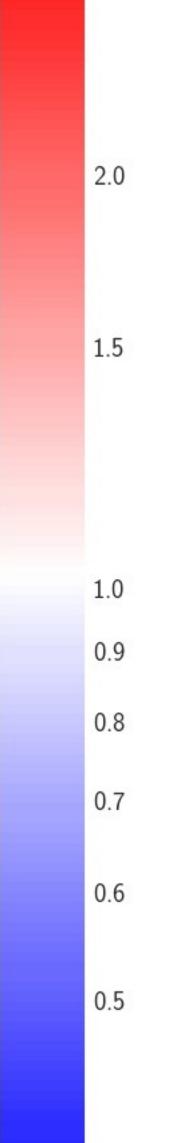
0.2

0.1



Rate Ratio

Mestranol				0.5		1.7	0.6	0.3		1.1	0.9					1.4								
Metformin	0.9	1.0	0.5	1.0	0.9	1.0	1.0	1.0	1.4	1.1	1.0	0.6	1.2	0.9		1.0	0.9	0.9	1.0	1.1	1.0	1.1	1.0	
Methimazole		1.2		1.0	1.2	1.1	0.9	0.9		0.9	1.0			1.0		1.2	0.8					1.1	0.8	
Methylergonovine								1.0			1.2					1.4								
Methylprednisolone	1.4	1.1	2.3	1.1	1.0	1.1	0.9	1.0	1.0	1.1	1.0		1.5	1.0		1.2	1.0			2.4	1.1	0.9	1.1	
Methyltestosterone	1.3	1.0		1.0	0.9	0.8	0.9	0.9		0.8	1.0		0.8	1.0		0.8	0.6				0.9	0.6	0.8	
Miglitol				0.7							0.9						1.4							
Nateglinide		0.7		1.3	1.4	1.0	0.7	1.1		1.2	0.8			2.0		0.7	1.2				2.2	1.2	0.6	
Norethindrone	0.6	1.1	1.2	0.9	1.0	1.0	1.0	1.0	0.9	1.1	1.0	0.7	0.8	1.0		1.1	0.9				0.8	1.2	0.8	
Norgestimate	0.7	1.0		1.0	0.7	0.9	0.9	0.9	0.9	0.9	1.0	0.4	1.3	1.0		1.0	1.1				0.4	0.8	0.9	
Norgestrel	0.9	0.7		1.3	1.3	1.6	1.2	1.0	0.7	1.0	1.2		0.7	0.6		1.2	0.8					0.9	1.1	
Ospemifene							0.7									1.5								
Oxandrolone				1.4	1.1	0.6	0.7																	
Paricalcitol		1.2		0.7	1.6	1.3	0.7	0.7		2.0	1.1			1.1		1.0	0.8							
Pioglitazone	1.0	0.8		0.9	1.2	0.9	1.1	1.1	0.5	0.8	0.9	0.7	1.1	1.0		1.0	1.0		1.1	1.0	1.1	0.7	1.8	
Prednisolone		0.8		1.7		0.7	0.7	1.0		0.9	1.0			2.0		1.2	2.1							
Prednisone	1.6	0.9	0.7	1.0	1.1	1.0	1.0	0.9	1.2	1.0	1.0	1.1	0.7	0.9		1.0	1.1		1.0	0.7	1.0	1.4	1.0	
Probenecid		1.1		0.8	1.4	0.9	0.7	1.1		1.4	0.9			0.7		1.0	0.9							
Progesterone	1.7	0.8		0.9	0.8	1.2	0.9	0.9	0.8	0.8	1.2	0.5	1.0	1.1		1.2	1.1			1.0	0.6	1.0	1.2	
Propylthiouracil		1.9			1.3	1.3	0.9	1.0		1.4	1.4					0.7	1.6							
Raloxifene	0.7	1.5		0.7	1.1	1.0	1.0	0.9		0.9	0.8		0.8	1.1		1.1	1.1			1.1	1.2	1.7	0.6	
Repaglinide		0.6		1.0	1.2	0.9	0.9	1.0		1.6	1.6			0.7		0.9	1.7						1.6	
Risedronate	1.5	1.3		1.1	0.9	0.9	0.9	0.9	1.1	0.9	1.0		0.9	0.9		0.9	0.9		0.9	1.3	1.2	0.7	1.0	
Rosiglitazone	0.9	0.8		0.9	1.2	1.0	0.8	0.9		0.9	1.1			0.8		1.3	1.3			0.9	1.5	0.8	0.9	
Saxagliptin		1.5		1.4	1.1	1.0	1.2	0.8		1.0	1.1		1.4	1.0		0.7	1.1				0.7	1.1	0.9	
Sitagliptin		1.0		0.9	1.2	0.9	0.9	0.8		1.3	1.0	1.4	1.3	0.8		1.0	0.8		1.3		1.5	1.2	0.9	
Thyroid desiccated	1.0	1.2		1.1	0.7	0.8	1.2	1.0		0.8	1.2	0.7	1.0	0.9		1.0	0.8				0.5	0.8	1.1	
Gastrointestinal																								
Atropine	1.3	1.1		1.0	1.1	0.9	1.0	1.1		1.1	0.9	1.6	0.9	1.0		1.1	1.0			0.8	0.6	1.0	0.9	
	N _{efazodone}	Trazodone	Vortioxetine	Bupropion	Mirt _{azapine}	Citalopram	Escitalopram	Fluoxetine	Fluvoxamine	Paroxetine	Sertraline	Vilazodone	D _{esvenlafaxine}	Duloxetine	^{Levomilnacipran}	V _{enlafaxine}	Amitripyline	Amo _{xapine}	^{Clomipramine}	D _{esipramine}	Daxepin	Imipramine	Maprotiline Nortriptyline	Protriptyline Trimipramine



Candidate Interacting Precipitant

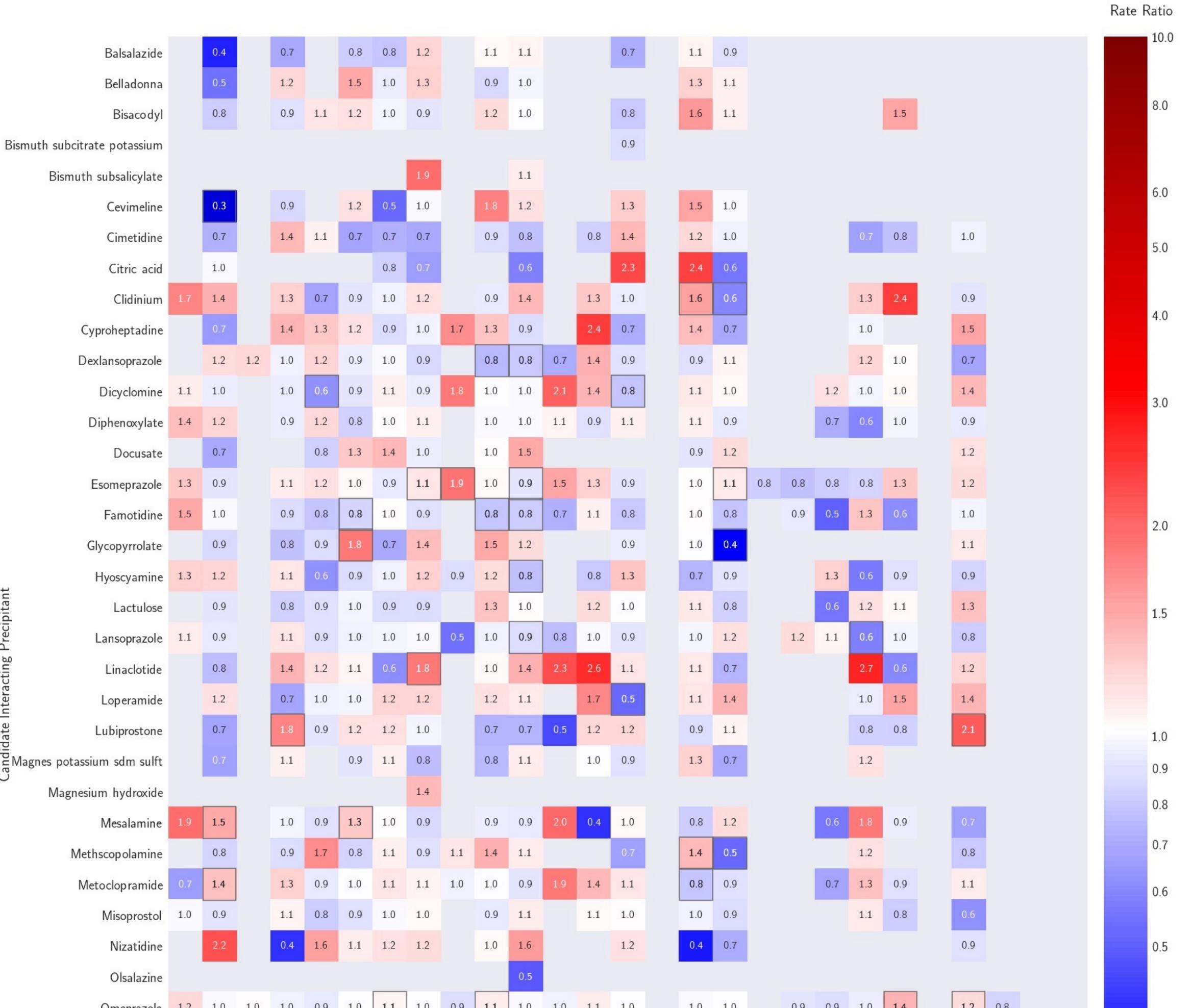
Antidepressant

0.2

0.3

0.4

0.1



Docusate		0.7			0.8	1.3	1.4	1.0		1.0	1.5					0.9	1.2							1.2			
Esomeprazole	1.3	0.9		1.1	1.2	1.0	0.9	1.1	1.9	1.0	0.9	1.5	1.3	0.9		1.0	1.1	0.8	0.8	0.8	0.8	1.3		1.2			
Famotidine	1.5	1.0		0.9	0.8	0.8	1.0	0.9		0.8	0.8	0.7	1.1	0.8		1.0	0.8		0.9	0.5	1.3	0.6		1.0			
Glycopyrrolate		0.9		0.8	0.9	1.8	0.7	1.4		1.5	1.2			0.9		1.0	0.4							1.1			
Hyoscyamine	1.3	1.2		1.1	0.6	0.9	1.0	1.2	0.9	1.2	0.8		0.8	1.3		0.7	0.9			1.3	0.6	0.9		0.9			
Lactulose		0.9		0.8	0.9	1.0	0.9	0.9		1.3	1.0		1.2	1.0		1.1	0.8			0.6	1.2	1.1		1.3			
Lactulose Lansoprazole	1.1	0.9		1.1	0.9	1.0	1.0	1.0	0.5	1.0	0.9	0.8	1.0	0.9		1.0	1.2		1.2	1.1	0.6	1.0		0.8			
Linaclotide		0.8		1.4	1.2	1.1	0.6	1.8		1.0	1.4	2.3	2.6	1.1		1.1	0.7				2.7	0.6		1.2			
Linaclotide Loperamide Lubiprostone		1.2		0.7	1.0	1.0	1.2	1.2		1.2	1.1		1.7	0.5		1.1	1.4				1.0	1.5		1.4			
Lubiprostone		0.7		1.8	0.9	1.2	1.2	1.0		0.7	0.7	0.5	1.2	1.2		0.9	1.1				0.8	0.8		2.1			
Magnes potassium sdm sulft		0.7		1.1		0.9	1.1	0.8		0.8	1.1		1.0	0.9		1.3	0.7				1.2						
Magnesium hydroxide								1.4																			
Mesalamine	1.9	1.5		1.0	0.9	1.3	1.0	0.9		0.9	0.9	2.0	0.4	1.0		0.8	1.2			0.6	1.8	0.9		0.7			
Methscopolamine		0.8		0.9	1.7	0.8	1.1	0.9	1.1	1.4	1.1			0.7		1.4	0.5				1.2			0.8			
Metoclopramide	0.7	1.4		1.3	0.9	1.0	1.1	1.1	1.0	1.0	0.9	1.9	1.4	1.1		0.8	0.9			0.7	1.3	0.9		1.1			
Misoprostol	1.0	0.9		1.1	0.8	0.9	1.0	1.0		0.9	1.1		1.1	1.0		1.0	0.9				1.1	0.8		0.6			
Nizatidine		2.2		0.4	1.6	1.1	1.2	1.2		1.0	1.6			1.2		0.4	0.7							0.9			
Olsalazine											0.5																
Omeprazole	1.2	1.0	1.0	1.0	0.9	1.0	1.1	1.0	0.9	1.1	1.0	1.0	1.1	1.0		1.0	1.0		0.9	0.9	1.0	1.4		1.2	0.8		
Orlistat				1.5		0.5	2.1	2.9		0.6	1.1					1.4											
Pancrelipase	1.1	1.4		1.0	0.8	1.0	0.8	1.3		1.3	1.1		1.2	1.3		0.9	1.2				0.8	2.1		1.3			
Pantoprazole	1.1	1.1	1.5	0.9	1.1	0.9	1.0	0.9	0.8	1.0	1.0	1.1	1.1	1.0		0.9	0.9		1.3	1.0	1.4	0.8		0.7	1.3		
Pilocarpine		1.0		1.2	0.9	1.3	1.2	0.6		1.1	1.2			0.7		1.3	0.8				2.2			1.9			
Polyethyl glycol3350 electro		1.3		0.8	0.9	1.0	1.2	1.4		1.3	1.0	2.3	1.7	1.2		0.9	0.7			2.3	0.8			1.4			
Polyethylene glycol 3350	0.6	1.0		0.8	1.1	0.9	1.0	1.0	1.1	0.9	1.0	1.5	0.9	1.0		0.9	1.1		2.9	1.2	0.7	0.8		1.0			
Promethazine	0.8	0.9		0.8	1.1	1.0	0.9	1.0	0.8	1.0	1.0	0.7	1.2	1.1		1.0	0.8		1.4	0.7	0.8	1.0		1.1			
Rabeprazole	1.2	1.0		0.9	1.9	1.0	1.2	1.0	0.7	0.9	1.1	1.6	1.5	1.0		0.8	0.9			2.0	2.1	1.1		0.9			
Ranitidine	0.8	0.9	0.8	1.0	1.0	1.0	0.9	1.1	0.9	1.0	1.0	0.7	1.0	1.0		1.1	1.2		0.8	0.9	1.2	0.8		0.9			
Scopolamine		0.8		1.3	0.7	1.3	1.0	1.1		1.3	0.6			0.7		1.2	1.4				0.5	0.9		1.0			
	Nefazodone	Trazodone	Vortioxetine	Bupropion	Mirt _{azapine}	Citalopram	Escitalopram	Fluoxetine	Fluvoxamine	Paroxetine	Sertraline	Vilazodone	D _{esvenlafaxine}	Duloxetine	-evomilnacipran	Venlafaxine	Amitripyline	Amoxapine	Clomipramine	Desipramine	Daxepin	Imipramine	Maprotiline A.	Nortriptyline	Protriptyline Trimis	inpramine	

Candidate Interacting Precipitant

0.4

Antidepressant

0.3

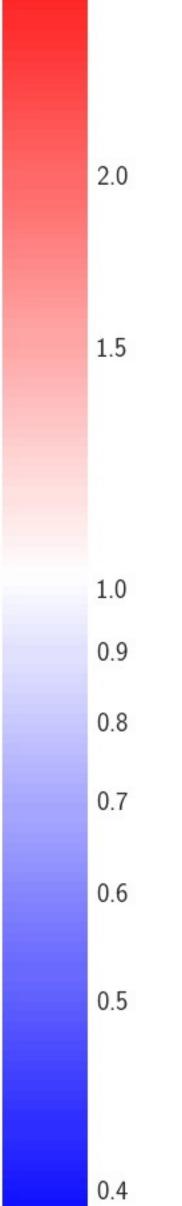
0.2

0.1

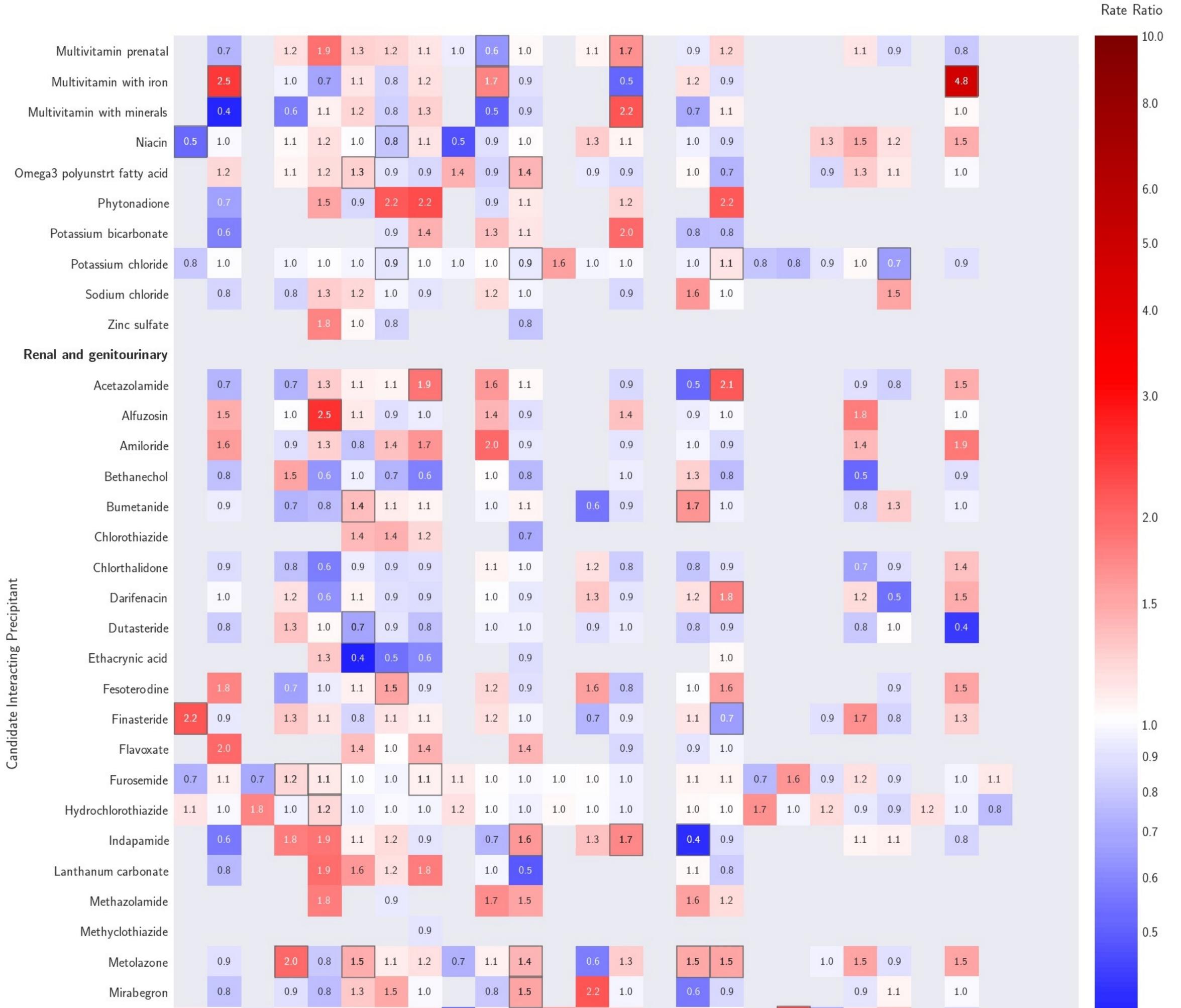


Rate Ratio

	Cilostazol		0.8	1.0	1.6	0.9	1.2	1.8		0.9	1.0		1.8	1.2	1.2	1.0			2.5		1.4	
	Clopidogrel	2.2	1.1	1.1	1.4	1.0	1.0	1.2	0.7	1.1	1.1	2.4	1.1	1.0	1.0	1.2	1.3	0.8	1.2	0.9	1.0	
	Dabigatran		0.9	1.0	1.6	1.2	1.7	1.1		1.0	0.9			1.0	1.0	0.9			1.6		1.6	
	Dipyridamole		0.9	0.8	1.3	0.9	0.9	1.1		1.2	1.3		0.9	1.0	0.8	0.8			0.8	1.5	0.5	
	Methylene blue		2.0	1.1		0.8	0.9	1.4		0.7	0.9			1.1	0.5	0.6					1.2	
pitant	Pentoxifylline		0.7	0.6	0.9	1.0	1.2	1.1		0.8	1.1			1.3	0.5	1.0			0.8		1.2	
Precij	Prasugrel		2.1	1.1	1.8	1.6	1.1	1.2		1.4	1.3			0.8	0.7	0.5					1.0	
Candidate Interacting Precipitant	Rivaroxaban		1.0	0.7	0.8	1.0	1.0	0.8		0.9	1.1	1.8	0.6	0.9	0.8	0.7			1.2	0.9	0.9	
nterac	Ticagrelor		1.6	1.0	0.9	2.7	0.7	1.4		0.4	1.4			0.8	0.9							
late li	Ticlopidine					1.0	0.7	1.6		0.9	1.3					1.0						
andic	Tranexamic acid			0.8				1.8			0.9			1.4								
0	Warfarin	0.9	1.0	0.8	1.0	1.0	1.1	1.1	0.7	1.0	1.0	0.9	1.3	0.9	0.9	1.0	0.4	1.0	0.9	1.2	0.9	0.8
Nut	rients and nutritional																					
	Ascorbic acid					1.1																
	Bioflavonoids			1.2			1.5	0.7			2.3			1.0	0.6							
	Calcium acetate		0.7	1.6	0.8	1.1	1.2	1.1		1.1	1.2			0.7	0.9	1.0			1.4		1.5	
	Calcium carbonate		0.9		1.7	0.4	1.0	0.9		1.2	1.3			1.5	0.8	1.5					1.2	
	Cholecalciferol		1.1	1.5	1.0	0.6	1.1	0.7		0.8	0.9			0.8	1.8	0.8					1.4	
	Cyanocobalamin		1.0			1.7		0.7														
	Ergocalciferol		1.2	1.0	1.4	0.8	1.1	0.9	0.6	1.0	1.0	1.5	1.0	0.9	1.1	0.9			1.1	1.6	1.3	







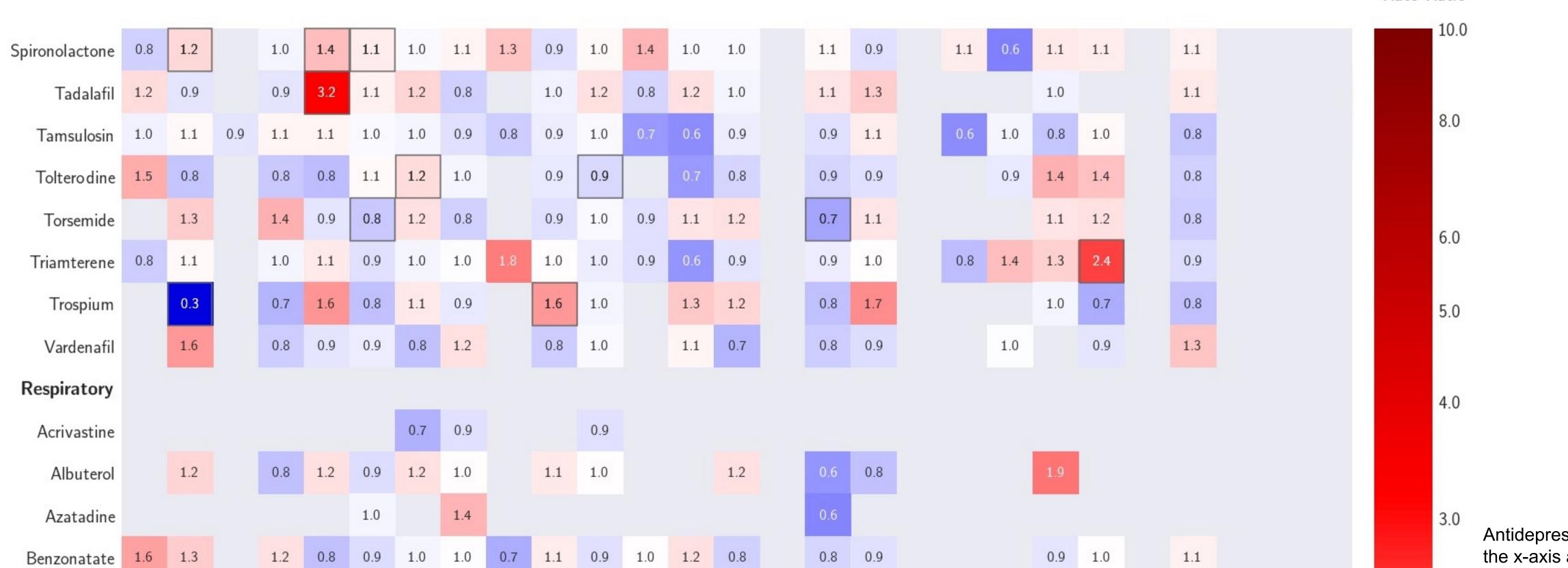
Amiloride		1.6		0.9	1.3	0.8	1.4	1.7		2.0	0.9			0.9		1.0	0.9				1.4			1.9	
Bethanechol		0.8		1.5	0.6	1.0	0.7	0.6		1.0	0.8			1.0		1.3	0.8				0.5			0.9	
Bumetanide		0.9		0.7	0.8	1.4	1.1	1.1		1.0	1.1		0.6	0.9		1.7	1.0				0.8	1.3		1.0	
Chlorothiazide						1.4	1.4	1.2			0.7														
Chlorthalidone		0.9		0.8	0.6	0.9	0.9	0.9		1.1	1.0		1.2	0.8		0.8	0.9				0.7	0.9		1.4	
		1.0		1.2	0.6	1.1	0.9	0.9		1.0	0.9		1.3	0.9		1.2	1.8				1.2	0.5		1.5	
Dutasteride		0.8		1.3	1.0	0.7	0.9	0.8		1.0	1.0		0.9	1.0		0.8	0.9				0.8	1.0		0.4	
Ethacrynic acid					1.3	0.4	0.5	0.6			0.9						1.0								
Candidate Interacting Dutasteride Ethacrynic acid Fesotero dine Finasteride Flavoxate		1.8		0.7	1.0	1.1	1.5	0.9		1.2	0.9		1.6	0.8		1.0	1.6					0.9		1.5	
Finasteride	2.2	0.9		1.3	1.1	0.8	1.1	1.1		1.2	1.0		0.7	0.9		1.1	0.7			0.9	1.7	0.8		1.3	
Flavoxate		2.0				1.4	1.0	1.4			1.4			0.9		0.9	1.0	_	_						
Furosemide	0.7	1.1	0.7	1.2	1.1	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0		1.1	1.1	0.7	1.6	0.9	1.2	0.9		1.0	1.1
Hydrochlorothiazide	1.1	1.0	1.8	1.0	1.2	1.0	1.0	1.0	1.2	1.0	1.0	1.0	1.0	1.0		1.0	1.0	1.7	1.0	1.2	0.9	0.9	1.2	1.0	0.8
Indapamide		0.6		1.8	1.9	1.1	1.2	0.9		0.7	1.6		1.3	1.7		0.4	0.9				1.1	1.1		0.8	
Lanthanum carbonate		0.8			1.9	1.6	1.2	1.8		1.0	0.5					1.1	0.8								
Methazolamide					1.8		0.9			1.7	1.5					1.6	1.2								
Methyclothiazide							1	0.9		[1			ſ										
Metolazone		0.9		2.0	0.8	1.5	1.1	1.2	0.7	1.1	1.4		0.6	1.3		1.5	1.5			1.0	1.5	0.9		1.5	
Mirabegron		0.8		0.9	0.8	1.3	1.5	1.0		0.8	1.5		2.2	1.0		0.6	0.9		_	_	0.9	1.1		1.0	
Oxybutynin	1.1	1.1		1.1	1.1	1.1	1.1	1.1		1.1	0.9	1.5	1.4	1.2		1.1	1.0		2.4	0.7	1.1	1.3		0.9	
Pentosan polysulfate sodium		0.7	a	0.6	1.4	1.2	1.0	1.0		0.9	0.8			1.0		1.0	1.1				0.8	1.6		0.9	
Phenazopyridine	0.9	1.4		1.0	0.8	0.6	0.9	1.1		1.0	0.9		0.8	1.1		0.6	1.2				0.9	1.8		0.8	
Potassium citrate		1.7		0.9	1.1	1.2	1.0	0.8		1.0	0.9			1.0			1.2							1.1	
Potassium phosphate											1.5					1.1									
Sevelamer		0.7		0.8	1.1	1.4	0.7	0.7		1.0	1.0			0.9		1.1	1.5				1.6	10		0.9	
Sildenafil		0.8		1.2	0.8	1.0	0.9	1.0		0.9	1.0		0.7	1.1		1.2	1.1		1.5	0.8	0.9	1.3		1.2	
Silodosin		0.9		1.9	0.8	1.6	0.9	0.8		0.9	0.9		1.2	0.9		1.1	0.5				10	1.0		3.2	
Sodium bicarbonate		1.3		0.8	0.7	1.2	1.1	1.0			1.2	0.6	0.7	1.0		1.1	0.9				1.6	1.8		1.1	
Solifenacin	e	0.9 م	e	0.8	1.5 v	1.0	1.0	1.2			1.1 v		1.0 v	1.1 e	5		1.2 e	e	e	e	1.7	1.4 e	e	1.0 س	e e
	N _{efazodone}	Trazodone	Vortioxetine	Bupropion	Mirt _{azapine}	Citalopram	Escitalopram	Fluoxetine	Fluvoxamine D	raroxetii	Sertraline	Vilazodone	D _{esvenlafaxine}	Duloxetine	^{Levomilnacipran}	Venlafaxine	Amitripyline	Am _{oxapine} Cloud		^{Desipramine}	Daxepin	Imipramine	Maprotiline	Nortriptyline	Protriptyline Trimipramine

0.4

0.3

0.2

0.1



Rate Ratio

Antidepressant object drugs on the x-axis are alphabetized within following pharmacologic classes: a) compounds with 5hydroxytryptamine (5-HT)2 receptor antagonist properties (nefazodone, trazodone); b) 2.0 compound with 5-HT3 receptor antagonist properties (vortioxetine); c) dopamine reuptake blocking compound (bupropion); d) noradrenergic antagonist (mirtazapine); e) 1.5 selective serotonin reuptake inhibitors (citalopram, escitalopram, fluoxetine, fluvoxamine, paroxetine, sertraline, vilazodone); f) serotonin-norepinephrine reuptake inhibitors 1.0 (desvenlafaxine, duloxetine, levomilnacipran, venlafaxine); 0.9 and g) tricyclic and related compounds (amitriptyline, 0.8 amoxapine, clomipramine, desipramine, doxepin, imipramine, maprotiline, 0.7 nortriptyline, protriptyline, trimipramine). Precipitant drugs on the y-axis are alphabetized 0.6 within therapeutic category per Facts & Comparisons Clinical **Drug Information (Wolters** 0.5 Kluwer: Alphen aan den Rijn, South Holland, Netherlands). Cells with bolded effect estimates and black borders met the

	Brompheniramine		1.8		1.2	0.9	0.8	0.6	0.9		1.0	1.1		0.9	1.1		1.1	0.9				0.8			0.8	
	Carbetapentane		1.7		1.2		1.0	0.8	1.0		1.2	0.7			0.8		0.8	0.8							0.8	
	Carbinoxamine		0.8		0.8		1.2	0.8	0.9		0.9	0.6			1.0		0.9	2.6								
	Cetirizine	1.6	0.9		1.2	1.0	1.0	0.9	1.1	0.6	1.0	0.9			1.0		1.0	0.9			0.5	1.0	0.9		0.7	
ant	Chlorpheniramine	1.0	0.7		1.1	1.0	0.9	1.1	1.0	1.2	0.8	1.1		1.0	1.0		0.9	0.9		1.1	0.7	0.6	1.0		1.0	
ate Interacting Precipitant	Clemastine						0.5	3.4				1.5														
ng Pr	Desloratadine	0.7	0.8		0.9	2.2	0.8	1.0	0.9		0.8	1.0			1.2		0.6	1.2		1.2		0.6	1.0		1.2	
eracti	Dexbrompheniramine							1.2	2.0			1.8														
te Inte	Dexchlorpheniramine						0.9				2.9															
Candidat	Dextromethorphan	0.9	1.2		0.9	1.2	0.9	1.1	0.9		0.7	0.9		0.8	0.8		1.0	1.3					1.1		1.1	
Car	Diphenhydramine		1.1		1.1	1.2	0.7	0.6	1.6		0.9	0.7			2.3		1.2	0.7				1.6			1.3	
	Dyphylline								1.0		2.0															
	Fexofenadine	1.2	1.1		1.0	0.6	0.9	1.0	1.0	0.8	1.1	1.0		0.7	1.0		1.0	1.0		1.3	1.5	1.2	1.2		0.9	
	Guaifenesin	1.2	0.8		0.8	0.7	1.0	0.9	0.9	0.5	0.9	0.9		1.1	1.1		0.9	1.2	1.3	1.0	1.0	0.7	0.8		1.3	
	Homatropine	1.4	1.7		0.9	1.0	0.8	0.8	0.8	0.8	0.9	1.2		1.1	1.1		0.7	0.5				1.0	1.5		1.0	
	Levocetirizine		1.2		0.9	0.9	1.0	1.1	1.0		1.3	1.1		0.4	1.4		1.1	1.2				1.3	0.6		1.7	
	Loratadine	1.4	1.1		0.9	0.7	0.8	0.6	0.7	1.3	1.1	0.7			0.7		1.0	0.9		0.6		0.7	0.4		1.3	
	Montelukast	1.1	1.0	0.8	1.0	0.9	0.9	1.0	1.0	0.9	1.0	1.0	0.7	0.8	0.9		0.9	1.0		1.2	0.9	1.2	1.4		0.7	1.0
	Phenylephrine	1.2	0.5		0.9	0.7	0.9	0.9	0.9	0.6	0.9	1.0		0.6	0.9		0.9	0.8			0.9	0.6	1.0		0.6	
	Phenylpropanolamine								1.0		1.5	1.5														
Pota	assium guaiacolsulfonate		1.3		0.7		0.7	1.0	0.8		1.7	1.4					0.8	0.7								
	Pseudoephedrine	1.1	1.1		0.9	0.7	1.0	0.9	1.1	0.7	0.9	0.9		1.0	0.9		1.0	1.0			0.9	0.8	0.4		1.1	
	Pyrilamine				1.1		0.7	1.6	0.9			1.3			0.8		0.6	1.0								
	Roflumilast		1.1		0.7	0.8	1.4	1.2	0.9		0.7	0.9		0.8	0.9		2.1	0.7								
	Terbutaline								1.0		0.7	0.5														
	Theophylline	1.1	1.2		1.1	1.2	0.7	1.5	0.8		1.0	1.3		1.3	1.4		1.1	0.8				1.0	2.1		0.5	
	Zafirlukast		1.8		1.8	0.7	0.8	0.8	0.7		0.8	0.9			0.9		0.9	0.6				0.8				
	Zileuton				1.1			0.9				0.9					1.1									
		N _{efazodone}	Trazodone	Vortioxetine	Bupropion	Mirt _{azapine}	Citalopram	Escitalopram	Fluoxetine	Fluvoxamine	Paroxetine	Sertraline	Vilazodone	D _{esvenlafaxine}	Duloxetine	^{Levo} milnacipran	V _{enlafaxine}	Amitripyline	Amoxapine	Clomipramine	D _{esipramine}	Doxepin	Imipramine	Maprotiline	Nortriptyline	Protriptyline Trimipramine

Candidate Interacting Precipitant

 true rate ratios would fall within an unspecified 25-fold range of each other. We constructed the heatmap using the Seaborn data visualization library for Python (Waskom M. New York University: New York, NY, United States) available in the GitHub repository (GitHub Inc.: San Francisco, CA, United States) at github.com/mwaskom/seaborn/ tree/v0.8.1.

traditional threshold for statistical

shrinkage prespecified a variance

of 0.67, assuming that 95% of

significance. Semi-Bayes

0.4

0.1