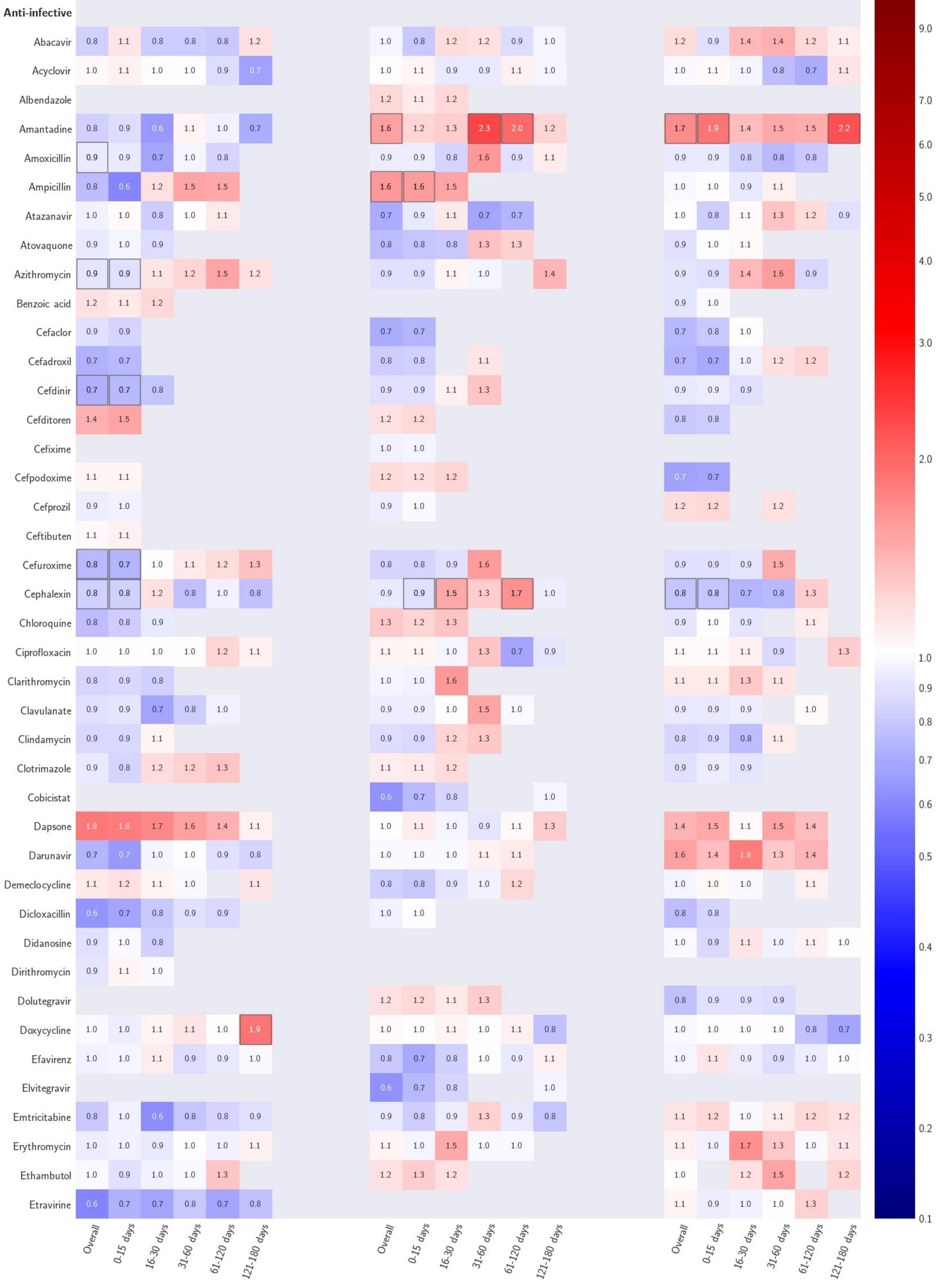Supplemental Figure 3. Heatmap depicting semi-Bayes shrunk adjusted rate ratios for unintentional traumatic injury, by time since point exposure, by antidepressant object drug cohort (limited to the three antidepressants with most users under study).

	Sertraline RRs						Citalopram RRs						Escitalopram RRs					
Candidate Interacting Precipitant	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days
Famciclovir	0.9	0.9	0.9	0.7	0.8	1.1	0.9	0.9	1.1		1.3		1.1	1.0	1.3	0.9	1.3	
Fluconazole	1.1	1.1	1.3	1.0	1.5	1.5	1.0	1.0	1.3	1.5	1.6	1.3	0.9	1.0	0.7	0.8	1.1	
Fosamprenavir	0.9	1.1	0.9										1.0	0.9	1.0	1.3	1.3	1.0
Fosfomycin	1.3	1.7	1.4				1.3	1.4					1.0	1.1				
Gatifloxacin	1.0	1.0					0.7	0.7					1.0	1.0				
Gemifloxacin													1.1	1.1				
Griseofulvin	1.2	1.0	1.0	1.3	1.4		1.0	1.0	1.0				1.1	1.1	1.2			
Isoniazid	1.3	1.2	1.0	1.3	1.4		0.7		0.9	1.5			1.2	1.4	1.2		1.1	1.2
Itraconazole	0.9	0.8	1.3	1.0			1.2	1.2	1.2	1.2			0.7	0.8	0.9	1.0		
Ivermectin	0.9		1.3		1.1		1.0	1.1										
Ketoconazole	0.8	0.7	0.9	1.1	1.3		1.1	1.1	0.9	1.1	1.0		0.9	1.0	0.8	0.9	1.1	
Lamivudine	1.0	1.1	1.0	1.1	0.8	1.1	0.7	0.6	0.9	1.0	0.6	0.8	1.1	1.0	1.2	1.3	1.1	1.1
Ledipasvir	0.9	1.0	1.0				1.1	1.1	1.1	1.1			1.3	1.3	1.3		1.2	
Levofloxacin	1.1	1.1	0.9	1.0			1.1	1.1	0.9	1.4	1.6		1.0	1.0	1.2	1.1	1.2	
Linezolid	1.0	1.1					1.2	1.2					0.9	0.8				
Lopinavir	1.2	0.9	1.1	1.9			1.0	1.0	1.0	1.1	1.0		1.1	1.1	1.1	1.1	1.3	1.2
Mebendazole	1.3	1.2					2.4	2.3	1.5				1.0	1.0				
Mefloquine	0.9	0.9	1.0				0.8	1.0					1.5	1.4	1.4			
Methenamine	1.2	1.0	1.2	1.7	0.9	1.2	0.9	0.9	0.9	1.2	1.0	0.9	0.9	0.9	0.9	1.2	0.9	1.2
Metronidazole	1.0	1.0	1.3	1.0			0.9	0.9	0.8	1.0	1.4		1.0	1.0	1.0	1.2		
Minocycline	1.1	1.1	1.2	1.1	1.0	1.8	0.9	0.9	1.0	1.0	1.1		1.2	1.1	1.2	1.0	1.1	0.8
Moxifloxacin	1.0	1.0	1.5	1.8			1.0	1.0	1.5				1.0	1.0	1.3			
Neomycin	1.5	1.5	1.3				0.8	0.8	1.0				0.8		1.2	0.9	1.0	
Nevirapine	0.8	0.9		1.0	1.0		0.9	0.9	1.0	0.9	1.1		0.8	0.8	0.9	0.8	1.0	1.1
Nitrofurantoin	1.0	1.0	1.0	1.0	0.8	0.9	1.1	1.1	1.1	1.3	1.2	1.0	1.1	1.1	1.1	1.3	1.2	2.0
Norfloxacin	1.0	1.1					1.0		1.1				0.7	0.8	0.9			
Nystatin	0.9	1.0	0.9	0.6	0.7		1.1	1.0	1.5	0.9	1.1		1.0	1.0	0.8	1.2		
Ofloxacin	1.4	1.4					1.2	1.3					1.0	1.1				
Oseltamivir	1.0	1.0					0.9	0.8	1.3				0.9	0.9				
Penicillin	1.0	1.0					0.9	0.9					0.8	0.8	1.1			
Penicillin v potassium			1.0				1.2	1.2	1.6		1.5		0.8	0.8	1.0	1.4		
Phenyl salicylate	1.0	0.8	1.1	1.3	1.3		0.9	0.9	1.0				0.8	0.9	0.8	1.1		
Proguanil	1.0	1.1	0.9				0.8	0.9	0.9				1.0	1.0	1.0			
Quinine	1.2	1.1	1.5	0.7	1.0	1.1	0.9	1.0	1.0	0.8	0.8	1.1	1.1	1.1	1.0	1.1	1.3	1.5
Raltegravir	0.9	1.0	0.9	1.1	0.9		1.3	1.4	1.0	1.2	1.2		1.8	1.8	2.0	1.2	1.2	1.0
Ribavirin	1.2	1.0	1.6	1.0	1.0		1.1	1.1	1.1	1.1	1.1	1.2	0.6	0.7	0.7	0.8		1.1
Rifampin	1.4	1.6	0.9	1.0	1.0	1.6	1.0	1.0	1.0	1.1			1.1	1.1	1.0	1.4		
Rifaximin	0.9	1.0	0.9	0.9	0.8	1.5	1.0	1.0	0.9	1.2	0.9	1.3	0.9	0.8	1.2	1.0	0.9	
Rimantadine	1.2	1.2											1.5	1.6				
Ritonavir	1.0	1.0	1.1	1.1	0.7	1.1	0.8	0.8	0.9	1.1	0.8	0.9	1.0	1.0	1.1	1.2	0.9	0.9
Sofosbuvir	1.0	1.0	1.3				1.1	1.1		1.2	1.1		1.0	1.1	1.0		1.1	
Stavudine	0.9	1.1	1.1															

Rate Ratio

Candidate Interacting Precipitant	Sertraline RRs Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days	Citalopram RRs Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days	Escitalopram RRs Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days
Sulfamethoxazole	1.5	1.5	1.1	1.5	1.4	1.1	1.4	1.5	1.0	1.2	1.1	2.6	1.2	1.2	1.2	1.4	0.9	1.1
Telithromycin	0.6	0.7					0.9	1.0					0.9	0.9				
Tenofovir	0.9	1.1	0.8	0.9	0.9	1.1	0.9	0.8	0.9	1.2	0.8	0.8	1.2	1.1	1.0	1.2	1.3	1.2
Terbinafine	1.1	1.1	1.2	1.1	1.0	1.1	1.0	0.8	1.2	1.0	1.3	1.1	0.9	0.8	1.2	0.9	0.9	
Tetracycline	1.1	1.0	1.0	1.2	2.0	1.3	0.7	0.9	0.7	0.6	0.6	0.7	1.0	1.2	0.8	0.9	0.7	1.0
Tinidazole	1.9	2.0											1.5	1.7	1.0	1.1		
Trimethoprim	1.5	1.5	1.1	1.5	1.3	1.2	1.4	1.5	1.1	1.2	1.2	2.3	1.2	1.2	1.3	1.3	0.9	1.2
Valacyclovir	0.9	0.9	1.0	0.8	0.9	0.6	1.1	1.1	1.1	1.0	1.1	0.8	1.0	1.0	1.1	0.9	1.0	1.5
Valganciclovir	2.4	1.3	1.5	2.4	2.3		1.3	1.3	1.0	1.1	1.4		0.9	0.9	1.1	1.1		
Vancomycin	1.0	1.0	1.0				1.2	1.2	1.2				0.8	0.8	0.9	1.3		
Voriconazole	1.0	1.1	1.1				1.3	1.3	1.3	1.2			1.1	1.1	1.4	1.1		
Zidovudine	1.2	1.1	1.1	1.6	1.0	1.2	0.8	0.8		1.2	1.0		0.9	0.9	0.9	1.0	1.1	0.9
Antineoplastic																		
Abiraterone	1.3		1.2	1.5	1.4		1.1	1.1		1.1			0.9	1.3	0.9			
Anastrozole	1.0	0.9	1.1	1.1	1.2	0.9	1.2	1.3	1.3	0.9	1.2	1.4	0.9	1.0	1.0	0.9	0.7	0.9
Bicalutamide	1.1	1.0	0.9	1.1	1.4	1.2	1.6	1.4	1.5	1.4	1.7	1.6	0.8	0.7	1.1	0.7	1.1	0.9
Capecitabine	1.4	1.2	1.3	1.3	1.7		0.9	0.9	0.9	1.4			1.5	1.5	1.2	1.2		
Chlorambucil													1.1	1.0	1.1		1.3	
Cyclophosphamide	1.4	1.0	1.0	1.9			1.0	1.0	1.1	1.1			1.1	1.0	1.5			
Enzalutamide													0.8	0.9	1.0			
Erlotinib	2.4	2.0	2.0	2.0			0.9	0.9	1.3				0.9	1.0	1.3	0.9	0.9	
Exemestane	1.5	1.4	1.2	1.9	1.5		0.8	1.0	1.0	0.7	0.9		1.5	1.2	1.7	1.5	1.3	0.9
Flutamide							1.5	1.4	1.4		1.5							
Hydroxyurea	1.2	1.3	1.2	1.0	1.0	1.1	0.7	0.7	0.8	0.8	0.9		1.1	1.1	1.2	1.2	0.9	1.1
Imatinib	0.9	0.9	1.0	0.9	1.0		0.8	0.9	0.8	1.0	1.1	1.2	1.2	1.2	1.3	1.0	1.2	1.2
Letrozole	1.0	0.8	0.8	1.3	1.5	1.6	0.5	0.5	0.5	0.7	0.7	0.6	1.1	0.9	1.2	1.1	1.3	1.2
Mercaptopurine	1.0	1.1	0.8	0.9	1.4		0.9	0.7	1.3	1.0	1.2	1.2	1.2	1.3	1.1	0.9		1.4
Methotrexate	1.0	0.9	1.0	1.0	1.1	1.0	1.1	1.1	1.1	1.0	1.0	1.1	1.0	0.9	1.0	1.1	1.1	1.2
Pazopanib							1.1		1.5									
Sorafenib	1.0	1.1	1.0															
Tamoxifen	0.9	1.0	0.9	0.9	0.8	0.6	1.1	1.0	1.1	1.0	1.1	1.2	1.3	1.2	1.3	1.2	1.2	1.2
Temozolomide	0.8	0.8	0.8	1.1			0.8	0.8		1.0	1.1		1.2	1.0	1.4	1.1		
Biologic and immunologic																		
Azathioprine	1.1	1.1	1.0	1.1	1.3	1.3	1.2	1.2	1.1	1.2	1.1	1.2	1.3	1.3	1.2	1.5	1.2	1.2
Cyclosporine	1.3	1.2	1.2	1.1	1.4	1.2	1.1	1.1	1.0	1.0	1.2		1.9	1.7	1.7	1.7	1.4	1.8
Dimethyl fumarate	1.9	1.6	1.7	1.3	1.8		0.8	0.9	1.0	0.8			2.1	1.1	2.1	2.2	1.7	
Everolimus							1.2	1.1	1.2	1.3			1.3	1.5				
Fingolimod	1.1	1.0	1.1	1.1	1.3		0.7	0.7	0.8	0.7	1.0	1.1	1.2	1.6	1.2	1.1		
Hydroxychloroquine	1.0	1.0	1.1	0.9	1.0	1.1	0.9	0.9	0.9	1.0	1.0	1.2	0.8	0.8	0.8	0.7	0.7	0.7
Leflunomide	1.1	0.9	1.5	1.1	1.1	1.4	1.0	1.2	0.8	1.0	0.9	1.4	1.0	1.1	1.0	1.0	1.0	0.9
Lenalidomide	0.8	1.1		0.9		1.3	1.0	1.0	1.2			1.2	1.0	1.1		1.0	1.1	
Mycophenolate mofetil	1.5	1.4	1.5	1.6	1.4	0.8	0.8	0.7	1.0		0.7	1.0	0.8	0.9	0.8	0.6	1.3	0.9

Rate Ratio

Heatmap of Rate Ratios (RRs) for candidate interacting precipitants across Sertraline, Citalopram, and Escitalopram, by time window (Overall, 0–15 days, 16–30 days, 31–60 days, 61–120 days, 121–180 days). Y-axis: Candidate Interacting Precipitant. Color scale: Rate Ratio (0.1 to 9.0).

Sertraline RRs

Candidate Interacting Precipitant	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days
Mycophenolic acid	1.2	1.2	1.4	1.1		
Sirolimus	1.4	1.4	1.4	1.2	1.0	
Tacrolimus	1.2	1.0	1.3	1.1	1.3	0.9
Teriflunomide						
Thalidomide	0.7		0.9	0.9		
Tofacitinib						
Cardiovascular						
Acebutolol	0.8	0.9	0.9	0.7	0.9	0.9
Aliskiren	0.9	0.9	0.8	0.9	1.1	0.8
Ambrisentan	1.0	1.0	1.0	1.0		
Amiodarone	1.0	0.9	1.2	1.1	1.0	1.2
Amlodipine	0.9	0.9	0.9	0.9	1.0	1.1
Atenolol	0.9	0.9	1.0	0.9	0.9	1.1
Atorvastatin	1.0	0.9	1.0	1.0	1.0	1.1
Azilsartan	1.2	1.1	1.3	1.2		1.2
Benazepril	0.9	0.9	0.8	0.9	1.0	1.0
Betaxolol						
Bisoprolol	1.1	1.1	1.1	1.1	1.2	1.3
Bosentan	1.2	1.2	1.1	1.1	1.3	
Candesartan	0.9	0.8	0.8	0.9	1.0	1.0
Captopril	1.1	0.9	1.1	1.1	1.4	1.5
Carvedilol	1.0	0.9	1.0	1.0	1.0	1.1
Cerivastatin	0.9	1.0		1.0	1.2	
Cholestyramine	0.9	0.8	1.0	1.3	1.3	0.8
Clonidine	1.0	1.0	1.1	1.0	1.0	1.0
Colesevelam	1.1	1.0	1.1	1.3	1.3	1.2
Colestipol	1.1	1.1	1.2	0.9	1.0	1.3
Digoxin	0.9	0.8	0.9	0.9	0.9	1.0
Diltiazem	1.0	0.9	1.1	1.1	1.0	1.0
Disopyramide	1.1	1.2	1.0	1.1	1.1	
Dofetilide	1.0	1.1	1.3	0.8	0.8	
Doxazosin	0.8	0.8	0.9	0.9	0.8	0.9
Dronedarone	1.0	1.1	1.1	1.0	0.9	1.0
Enalapril	0.9	0.8	0.9	1.0	1.0	1.0
Eplerenone	0.8	0.9	0.7	0.8	1.0	
Eprosartan	1.2	1.3	1.2	1.1	1.3	
Ezetimibe	1.0	1.0	1.0	1.0	1.0	1.0
Felodipine	0.9	0.8	1.0	1.0	0.8	1.0
Fenofibrate	1.0	1.0	1.0	1.0	1.0	1.0
Fenofibric acid	1.0	0.9	1.1	0.9	1.0	0.8
Flecainide	0.8	0.8	0.9	0.7	1.0	0.9
Fluvastatin	0.6	0.6	0.7	0.7	0.7	0.8

Citalopram RRs

Candidate Interacting Precipitant	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days
Mycophenolic acid	1.4	1.4	1.1	1.4	1.1	1.4
Sirolimus	0.8	0.8	0.8	1.2	1.1	
Tacrolimus	1.3	1.3	1.1	1.3	1.0	2.1
Teriflunomide						
Thalidomide	0.9	1.0	1.1			
Tofacitinib	1.1	1.3			1.2	
Cardiovascular						
Acebutolol	0.7	0.8	0.8	1.1	0.9	1.0
Aliskiren	1.0	0.8	1.0	1.3	0.9	1.7
Ambrisentan	1.1	1.1	1.1	1.2		
Amiodarone	1.1	1.1	1.0	1.4	1.3	1.6
Amlodipine	0.9	0.8	0.9	0.9	1.0	1.0
Atenolol	0.9	0.9	0.9	1.0	1.0	1.0
Atorvastatin	1.0	1.0	1.0	1.1	1.1	1.1
Azilsartan	1.5	1.4	1.1	1.3	1.7	
Benazepril	0.9	0.8	0.8	0.9	0.9	1.2
Betaxolol						
Bisoprolol	1.0	0.9	1.0	1.1	1.0	1.4
Bosentan	1.1	1.2	1.2			
Candesartan	1.3	1.2	1.2	1.3	1.3	1.1
Captopril	1.0	0.8	1.0	1.1	1.1	1.2
Carvedilol	1.1	1.0	1.1	1.1	1.2	1.1
Cerivastatin	1.3	1.5				
Cholestyramine	0.9	0.9	1.0	1.0	0.7	1.0
Clonidine	0.9	0.9	0.9	0.8	0.9	0.8
Colesevelam	1.0	1.1	0.9	1.0	1.1	0.8
Colestipol	0.8	0.9	0.8	0.7	0.7	1.0
Digoxin	1.0	1.0	1.1	1.0	1.2	1.2
Diltiazem	0.9	0.9	0.9	0.9	1.0	1.0
Disopyramide	1.2	1.0	0.9	1.0	1.6	1.5
Dofetilide	0.8	0.9	0.7	0.7	0.9	
Doxazosin	1.0	1.0	1.1	1.0	1.0	0.8
Dronedarone	0.7	0.7	0.8	0.7	1.2	
Enalapril	1.0	1.1	1.0	1.1	1.1	1.3
Eplerenone	0.7	0.6	0.8	0.9	0.7	1.0
Eprosartan	0.9	1.0	1.1		1.0	
Ezetimibe	0.8	0.8	0.9	0.8	0.7	0.9
Felodipine	0.9	0.7	1.0	0.9	1.1	1.1
Fenofibrate	0.9	0.9	0.9	0.9	1.0	1.2
Fenofibric acid	0.8	0.8	0.7	1.1	0.8	0.6
Flecainide	0.9	0.7	1.0	1.1	0.9	1.0
Fluvastatin	0.8	0.6	1.0	0.9	1.0	1.1

Escitalopram RRs

Candidate Interacting Precipitant	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days
Mycophenolic acid	0.7	0.7	0.8	0.9	0.9	
Sirolimus	0.8	0.9	0.9		0.9	
Tacrolimus	1.0	1.0	1.0	1.1	1.1	1.3
Teriflunomide	1.0	1.0	1.3	0.8	1.0	
Thalidomide	1.0	1.2		1.1		
Tofacitinib						
Cardiovascular						
Acebutolol	1.4	1.4	1.4	1.3	1.2	
Aliskiren	1.5	1.3	1.3	1.4	1.6	1.7
Ambrisentan						
Amiodarone	1.1	1.2	1.2	0.9	1.1	1.5
Amlodipine	0.9	0.9	0.9	1.0	1.0	0.9
Atenolol	1.0	0.9	1.0	1.0	1.1	1.0
Atorvastatin	1.0	1.0	0.9	1.0	1.0	1.0
Azilsartan						
Benazepril	0.9	0.9	0.9	1.0	0.8	0.7
Betaxolol	1.2	1.2	1.2		1.2	
Bisoprolol	0.8	0.8	0.9	0.6	0.9	0.8
Bosentan	1.2	1.4		1.1	1.2	1.2
Candesartan	1.0	0.9	0.9	1.1	0.9	0.8
Captopril	0.9	0.9	0.9	1.1	0.9	0.9
Carvedilol	1.1	1.0	1.1	1.1	1.2	1.2
Cerivastatin						
Cholestyramine	0.8	0.8	0.8	0.7	1.2	1.6
Clonidine	1.0	1.0	1.0	1.0	1.2	1.0
Colesevelam	0.9	0.8	0.9	1.0	1.0	0.8
Colestipol	1.1	1.2	1.1	0.9	0.9	1.3
Digoxin	1.1	1.0	1.1	1.0	1.1	1.4
Diltiazem	1.0	1.0	1.0	1.0	1.0	1.0
Disopyramide	0.9	1.0	1.0		0.9	
Dofetilide	1.6	1.3	1.2	1.5	1.2	2.2
Doxazosin	1.0	0.8	0.9	0.9	1.4	0.7
Dronedarone	1.0	0.7	1.2	0.8	1.1	1.5
Enalapril	1.0	0.9	0.9	1.1	1.1	1.0
Eplerenone	1.1	1.1	1.1	1.1	1.3	1.3
Eprosartan	1.1	1.1	1.2	1.1		
Ezetimibe	1.0	0.9	1.0	1.0		0.8
Felodipine	1.0	1.0	0.9	1.1	1.1	0.7
Fenofibrate	1.0	1.0	1.0	0.9	1.0	0.8
Fenofibric acid	1.1	0.9	0.9	1.2	1.6	1.2
Flecainide	1.0	1.1	0.9	1.2	1.0	0.9
Fluvastatin	0.7	0.7	0.6	0.8	1.1	0.8

Candidate Interacting Precipitant	Sertraline RRs						Citalopram RRs						Escitalopram RRs					
	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days
Fosinopril	0.7	0.7	0.7	0.8	0.8	0.6	0.9	0.8	0.9	1.0	0.9	1.1	1.1	1.0	1.1	1.1	1.0	1.3
Gemfibrozil	1.1	1.1	1.1	1.0	0.9	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	1.3
Guanfacine	0.8	0.7	0.8	1.1	1.0	0.8	1.2	1.2	1.3	1.1	0.9		1.0	1.0	1.0	1.1	1.0	
Hydralazine	1.1	1.0	1.1	1.4	1.2	1.1	1.0	1.0	0.9	0.9	1.0	1.1	0.9	0.8	0.9	1.0	0.9	0.7
Icosapent							1.0		1.0	1.1								
Irbesartan	1.0	1.1	0.9	1.1	1.0	0.8	0.9	0.8	0.9	0.9	1.1	0.8	1.3	1.2	1.2	1.3	1.5	1.3
Isosorbide dinitrate	1.1	1.0	1.2	1.1	1.3	1.1	1.0	1.0	0.8	1.0	1.1	1.3	0.9	0.8	1.0	0.7	0.9	1.1
Isosorbide mononitrate	1.0	0.9	0.9	1.0	1.0	1.1	1.0	0.9	1.0	1.1	0.9	1.2	0.9	0.9	0.9	0.9	1.0	1.0
Isradipine	1.0	0.8	1.1	1.1	1.1		0.4		0.7	0.7	0.9		1.4	1.3	1.3	1.2	1.5	1.2
Labetalol	1.0	1.2	0.9	1.0	0.9	0.8	0.9	0.8	1.0	1.0	1.0	1.1	0.9	0.8	0.9	1.0	0.9	1.0
Lisinopril	1.0	1.0	1.0	1.0	1.0	1.1	1.0	0.9	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9
Losartan	1.0	1.0	1.0	1.0	1.1	1.2	1.1	1.0	1.1	1.1	1.2	1.4	1.1	1.1	1.1	1.1	1.2	1.1
Lovastatin	1.0	0.9	0.9	1.0	1.0	1.2	0.8	0.8	0.9	0.9	0.8	1.0	1.0	1.0	1.0	1.0	1.1	0.9
Methyldopa	0.8	0.7	0.9	1.2	0.8		1.1	0.8	1.2	1.0	1.2	1.8	0.7	0.9	0.8	0.8	0.8	
Metoprolol	1.0	0.9	0.9	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.1	0.9	0.9	1.0	0.9	1.0	1.1
Mexiletine	0.9	0.7	1.2	0.9	1.1	1.4	0.9	0.9	1.0	1.2	0.9		1.0	0.9	1.2	1.0		
Midodrine	1.3	1.2	1.6	1.1	0.9	0.9	0.9	1.0	0.8	1.1	1.0	0.8	0.9	1.1	0.8	0.9	0.7	0.9
Minoxidil	1.2	1.3	1.0	1.2	1.2	1.3	1.0	1.1	0.9	0.9	1.2	1.3	1.1	0.9	1.3	1.2	1.0	1.1
Moexipril	0.7	0.9	0.6	0.7	0.7	1.0	0.8	0.8	0.8	0.9	0.9		1.3	1.3	1.4	1.2	1.3	1.3
Nadolol	0.9	0.9	0.9	0.8	1.0	1.1	0.9	0.8	1.0	1.1	1.1	1.2	1.2	1.2	1.4	0.9	1.1	1.0
Nebivolol	1.4	1.4	1.3	1.3	1.4	1.4	1.1	1.1	1.1	1.0	1.0	1.3	1.0	0.9	1.0	1.2	1.1	1.1
Nicardipine	0.9		1.1				0.8	0.9										
Nifedipine	0.9	0.8	0.9	0.9	0.9	1.1	1.0	1.0	1.1	1.1	1.0	1.2	0.8	0.8	0.9	0.8	0.9	0.6
Nisoldipine	1.0	0.9	0.9	1.3	1.0	1.2	1.0	1.0	0.9	0.9	1.1	1.3	1.2	1.2	1.1	1.1	1.1	1.3
Nitroglycerin	1.1	1.2	1.2	1.0	1.0		1.5	1.5	1.1	1.3	1.2	1.4	0.9	0.8	0.9	0.9	1.1	1.4
Olmesartan	1.0	1.1	1.0	1.0	0.9	1.2	0.9	0.8	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.9	1.0
Papaverine	1.0	1.1					0.9	0.9					0.9	1.0		1.2		
Perindopril	1.1	1.0		1.0	1.3	1.5	1.0	1.0	0.9	1.0	1.3		1.0	1.2	0.9	0.9	1.1	
Pindolol	0.8	0.8	0.7	1.0	0.8	1.2	0.9	0.9	1.0	0.9	1.1	1.5	1.2	1.5	1.4	1.2	0.9	
Pitavastatin	1.3	1.3	1.3	1.4	1.1	1.2	1.0	1.1	1.1	1.0	1.0	1.1	0.5	0.7	0.8	0.6	0.6	
Pravastatin	1.0	0.9	1.0	1.1	1.0	1.0	1.0	0.9	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0	0.9	1.3
Prazosin	0.9	0.8	0.7	0.9	1.2	1.3	0.9	0.9	0.9	0.8	1.3	1.2	1.0	1.0	1.2	0.8	0.9	1.0
Propafenone	1.0	1.0	1.0	1.1	1.4	0.8	0.9	0.8	0.9	1.0	0.8	1.3	1.0	0.9	0.9	1.2	1.2	0.9
Propranolol	1.1	1.1	1.1	1.0	1.2	1.0	1.0	1.0	1.0	1.3	1.0	0.9	1.0	1.0	1.1	1.0	1.0	1.2
Quinapril	0.8	0.9	0.8	0.9	0.9	0.8	1.1	1.1	1.1	1.1	1.0	0.7	1.1	1.0	1.1	0.9	1.2	1.4
Quinidine	0.9	1.0	0.9	1.2	0.8		1.2	1.1	1.2	1.2	1.3	1.1	1.0	1.0	0.9	1.1	0.9	
Ramipril	0.9	0.8	0.9	1.0	1.0	1.1	0.8	0.7	0.9	0.8	0.9	1.0	1.1	1.1	1.1	1.0	1.1	1.0
Ranolazine	1.0	1.0	1.2	0.7	1.1	1.2	0.9	0.8	0.9	0.9	0.8	1.2	1.4	1.3	1.6	1.0	1.2	1.9
Rosuvastatin	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.4	0.9	0.9	1.0	0.9	1.0	0.9
Simvastatin	1.0	1.0	1.0	1.0	1.0	1.1	0.9	0.9	0.9	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0
Sodium polystyrene sulfonate	1.4	1.8											1.0	1.1				
Sotalol	1.0	0.9	0.9	1.0	1.1	1.0	0.8	0.8	0.9	1.0	0.8	0.8	1.0	1.0	1.0	1.1	0.9	1.3

Rate Ratio

Heatmap: Rate Ratios (RRs) for candidate interacting precipitants by SSRI (Sertraline, Citalopram, Escitalopram) across time windows (Overall, 0–15 days, 16–30 days, 31–60 days, 61–120 days, 121–180 days).

Candidate Interacting Precipitant	Sert Overall	Sert 0-15	Sert 16-30	Sert 31-60	Sert 61-120	Sert 121-180	Cital Overall	Cital 0-15	Cital 16-30	Cital 31-60	Cital 61-120	Cital 121-180	Escit Overall	Escit 0-15	Escit 16-30	Escit 31-60	Escit 61-120	Escit 121-180
Telmisartan	0.9	0.8	1.0	0.9	0.9	0.9	0.9	0.8	0.9	0.9	1.1	0.6	1.3	1.2	1.4	1.4	1.3	1.7
Terazosin	0.9	0.9	0.9	0.6	1.1	1.3	0.9	0.9	1.0	0.9	1.0	1.2	1.3	1.1	1.1	1.6	1.9	2.2
Timolol	0.9	1.0		1.1									1.8	1.3	1.8	1.8		
Trandolapril	0.9	0.8	0.9	1.0	0.9	1.2	1.1	1.1	1.1	1.1	1.2	1.2	0.9	0.9	1.0	1.1	1.0	1.0
Valsartan	0.9	0.9	1.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.1	1.1	1.1	1.0
Verapamil	1.0	0.9	0.9	0.9	1.0	1.2	1.0	0.9	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8

Central nervous system

Candidate Interacting Precipitant	Sert Overall	Sert 0-15	Sert 16-30	Sert 31-60	Sert 61-120	Sert 121-180	Cital Overall	Cital 0-15	Cital 16-30	Cital 31-60	Cital 61-120	Cital 121-180	Escit Overall	Escit 0-15	Escit 16-30	Escit 31-60	Escit 61-120	Escit 121-180
Acamprosate	1.2	0.9	1.4	1.3	1.1		0.6	0.6	0.9	0.8			0.9	1.1	1.0	0.9	0.8	0.8
Acetaminophen	1.0	0.9	1.0	0.9	1.0	1.1	1.0	0.9	1.0	1.0	1.1	1.0	0.9	0.9	1.0	0.9	1.0	1.2
Almotriptan	0.7	0.8	0.8	0.8			1.0	1.0	1.0				0.9	0.9	1.2		1.3	
Alosetron													1.0	0.9	1.2	1.2		
Alprazolam	1.1	1.0	1.1	1.2	1.3	1.2	1.0	1.0	1.0	1.0	1.0	1.3	1.0	1.0	1.1	1.0	1.1	1.1
Amphetamine	1.0	0.9	1.0	1.1	1.2	1.2	1.0	1.0	1.0	0.9	1.4	0.9	0.9	0.9	0.9	1.0	1.1	1.0
Aprepitant	0.9	1.1					1.0	0.9	1.2	1.2			0.9	0.9	1.1	1.1		
Aripiprazole	1.0	1.0	1.0	0.9	1.0	1.2	1.0	0.9	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.1	1.2	1.1
Armodafinil	1.1	0.9	1.2	1.1	1.1		1.0	0.9	1.1	0.8	1.4	0.7	1.1	1.1	1.4	0.8	0.6	1.0
Aspirin	1.2	1.1	1.3	1.0	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.4	0.9	0.9	0.9	0.9	1.0	1.1
Atomoxetine	0.9	1.0	0.9	0.9	0.7	1.1	0.9	0.9	0.9	0.9	0.9	0.8	1.1	1.0	1.1	1.1	0.9	1.0
Baclofen	1.0	1.0	1.0	0.9	1.0	0.9	1.0	1.1	0.9	0.9	1.0	1.1	0.9	0.9	0.9	0.9	0.7	1.3
Benztropine	1.0	0.9	1.2	1.0	1.0	1.3	1.2	1.3	1.1	1.2	1.2	0.8	1.2	1.1	1.3	1.0	1.2	1.6
Bromocriptine	1.3	1.3	1.2	1.0	1.5	1.4	0.9	1.0	0.8	1.0	1.1	0.9	1.4	1.3	1.4	1.4	1.1	
Buspirone	1.0	0.9	1.0	1.1	1.1	0.8	0.9	0.9	1.0	0.9	0.9		0.9	0.8	1.0	1.1	0.9	0.8
Butabarbital							1.1	1.2					1.1	1.1				
Butalbital	1.2	1.2	1.2	1.2	1.3	0.8	1.2	1.2	0.9	1.4	1.4	1.0	1.0	1.0	1.1	1.1	0.8	
Caffeine	1.2	1.2	1.2	1.1	1.2	0.8	1.1	1.1	0.9	1.3	1.2	1.0	1.0	1.0	1.1	1.1	0.8	
Carbamazepine	1.1	0.9	1.1	1.3	1.0	1.0	1.1	1.0	1.0	1.2	1.4	1.4	1.0	1.0	1.1	1.0	1.0	1.0
Carbidopa	1.0	1.0	1.1	1.0	1.1	1.1	1.0	0.9	0.9	1.3	1.1		0.9	0.9	0.9	0.9	0.9	1.0
Carisoprodol	1.0	1.0	1.0	0.8	1.3	1.3	1.0	0.9	1.1	1.0	1.1	0.8	1.2	1.2	1.2	0.9	1.4	0.9
Celecoxib	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.2	1.5	1.0	1.0	0.9	1.1	1.1	0.8
Chloral hydrate							1.3	1.4	1.2				0.9			1.0		
Chlordiazepoxide	1.3	1.3	1.4	1.1	1.1		1.1	1.2	1.0	1.0	1.1	1.1	1.0	0.9	1.2	0.8	1.1	1.3
Chlorpromazine	0.9	0.8	1.0	1.2		1.2	0.9	1.1	1.0	0.9		0.9	1.3	1.2	1.2	1.4	1.3	
Chlorzoxazone	1.1	1.2	1.1	1.0	0.9		1.2	1.3	0.9	0.8	0.9	1.2	1.1	1.2	1.2		0.9	
Choline salicylate	1.2	1.3		1.3		1.4	1.3	1.1	1.3	1.2	1.2	1.3						
Clobazam	1.0	1.0	0.9		1.4													
Clonazepam	1.1	1.1	1.0	1.1	1.0	1.0	1.1	1.0	1.1	1.1	1.1	1.2	1.2	1.1	1.2	1.1	1.4	1.6
Clorazepate	0.7	0.8	0.9	0.5	0.6	0.9	1.2	1.1	1.3	1.2	1.3		1.0	0.9	0.9	0.9	0.9	1.9
Clozapine	1.0	0.8	1.3	0.9	1.0	1.4	1.3	1.3	1.1	1.4	1.3	1.2	1.1	1.1	1.1	0.8	1.0	1.3
Codeine	1.0	1.0	1.2	1.1	0.8	0.9	1.1	1.1	1.1	1.1		1.5	0.8	0.9	0.8	0.7	0.5	0.9
Cyclobenzaprine	1.0	1.1	1.0	0.9	1.0	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1		0.8	0.9	0.7
Dalfampridine	1.5	1.1	1.5	1.1	2.1		0.9	1.0	0.9	1.0	1.1		1.0	1.0		0.9	1.1	1.1
Dantrolene	0.8	0.9	0.9	1.2		1.0	0.7	0.8	0.8	0.9	1.0		0.6		0.8	0.8	0.9	

Rate Ratio (color scale): 0.1 – 9.0

Candidate Interacting Precipitant	Sertraline RRs						Citalopram RRs						Escitalopram RRs					
	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days
Dexmethylphenidate	2.1	1.8	1.8	2.2	2.2	1.9	1.2	1.3	1.1	1.1	1.2		0.5	0.6	0.6	0.5	0.5	
Dextroamphetamine	1.0	0.9	1.0	1.0	1.2	1.1	1.1	1.1	1.0	1.0	1.4	0.9	1.0	0.9	1.0	1.0	1.1	1.1
Diazepam	1.1	1.1	1.1	0.9	1.1	1.6	1.1	1.2	0.9	0.9	1.1	0.9	1.1	1.1	1.1	1.3	1.1	0.9
Dichloralphenazone	1.1	1.1	1.0	1.0			1.1	1.1	1.1				0.8	0.8	0.8	1.0		
Diclofenac	1.0	1.0	1.1	0.9	1.3	1.3	1.0	1.0	1.0	0.9	0.9	1.1	1.0	1.0	1.0	1.0	1.3	1.1
Diflunisal	1.6	1.6	1.6	1.2	1.1		1.6	1.3	1.5	1.7	1.5		1.0	1.1	0.9	1.1	1.1	
Dihydrocodeine	1.2	1.3					1.0	1.0					1.0	1.0	1.2			
Disulfiram	0.5	0.6	0.5	0.7	1.1		0.9	1.0	0.9	1.1	1.0		0.4	0.5	0.5	0.9	1.0	
Divalproex sodium	1.0	1.0	1.0	0.9	1.2	1.2	1.0	1.0	1.2	0.9	1.0	1.2	1.0	1.0	0.9	0.9	1.0	1.1
Dolasetron													1.1	1.2				
Donepezil	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	0.9	0.9	1.0	0.9	1.0	1.1
Dronabinol	0.7	0.7	0.9		1.0	1.5	1.2	1.3	1.3	1.0			0.9	0.8	0.9	1.0	1.4	
Eletriptan	1.2	1.2	1.0	1.6	0.9	1.2	1.1	1.1	0.8	1.1			1.1	1.0	1.0	1.3	1.3	
Entacapone	1.0	0.9	1.0	0.9	1.1	1.1	1.3	1.2	1.2	1.2	1.6	1.7	1.3	1.0	1.2	1.7	1.8	1.2
Ergotamine	1.1	1.0	1.2	0.9	1.3		1.5	1.4	1.2	1.2	1.8		0.9	1.1	0.9	0.8	1.0	
Estazolam	1.0	1.0	1.1	0.9			0.8	0.8	1.1	0.8	0.9		1.2	1.1	1.2	1.1	1.1	
Eszopiclone	0.9	1.0	0.9	0.9	1.0	1.1	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.1	1.0	1.0	0.9
Etodolac	1.0	1.1	0.9	0.9	0.9	1.1	1.0	1.0	0.9	1.1	0.9	1.4	1.1	1.1	0.9	1.0	1.2	1.2
Felbamate	1.2	1.1	1.2	1.2														
Fluphenazine	1.3	1.3	1.1	1.3	1.3	1.2	1.1	1.2	1.2	1.1	0.8	1.2	1.0	1.0	0.9	1.1	0.9	
Flurazepam	0.8	0.9	0.8	0.8	1.0		1.2	1.2	1.0	1.0	1.7	1.5	1.2	1.4	1.0	1.0		1.0
Flurbiprofen	1.0	1.2	0.8	1.0	0.9		0.8	0.8	0.9		1.4		1.4	1.4	1.1			
Frovatriptan	0.9	1.0					0.6	0.7	0.7	0.9	1.2		1.0	1.0	1.2	0.8	0.8	
Gabapentin	1.0	1.0	1.0	1.0	1.1	1.2	1.1	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.1	1.0	1.0	1.0
Galantamine	0.9	0.9	0.9	0.9	0.9	1.0	1.2		1.2	1.3	1.4	1.4	1.1	0.9	0.9	1.3	1.4	1.0
Granisetron	1.2	1.3					1.0	1.1										
Haloperidol	1.3	1.2	1.0	1.7	1.8	1.5	1.3	1.3	1.3	1.6	1.5	1.1	0.8	0.8	0.6	1.1	0.8	0.9
Hydrocodone	1.0	1.0	1.0	1.0	1.0	1.2	1.0	1.0	1.0	1.0	1.1	1.0	0.9	0.9	1.0	0.9	1.0	1.2
Hydromorphone	1.1	1.1	1.0	1.1	1.1	0.9	0.8	0.8	0.9	1.2	1.5	1.1	1.0	1.0	0.8	0.8	0.8	0.9
Hydroxyzine	1.0	1.0	1.0	0.8	1.0	1.3	1.1	1.0	1.1	1.1	1.1	0.9	0.9	0.9	1.0	0.7	0.8	0.9
Ibuprofen	1.0	1.0	1.0	0.8	0.9	1.0	0.9	0.9	0.9	0.9	0.8	0.6	1.0	0.9	1.1	1.1	1.1	1.1
Iloperidone													0.8	0.8	1.2			
Indomethacin	1.0	1.0	1.1	1.0	1.0	1.2	1.0	1.0	1.2	1.0	0.9		0.8	0.8	1.1	1.1	1.0	1.3
Isometheptene mucate	1.1	1.1	1.0	0.9			1.1	1.1	1.1				0.8	0.8	0.8	1.1		
Ketoprofen	1.1	1.0	1.1	1.2	1.1	1.1	1.2	0.9	1.8	1.2	1.4		1.1	0.9	1.2	1.7		1.2
Ketorolac	1.1	1.2	0.8	1.2			1.1	1.2	0.9				0.9	1.0	0.8			
Lacosamide	1.1	1.1	1.2	0.9	1.1	1.1	1.0	1.1	0.8	1.1	0.8	1.1	0.9	0.7	0.9	1.2	1.1	1.1
Lamotrigine	1.0	1.1	1.0	1.1	1.2	1.0	1.2	1.2	1.3	1.1	1.1	1.5	1.0	1.0	0.9	1.0	0.9	1.0
Levetiracetam	0.8	0.7	0.7	0.9	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	1.0	0.9	0.9	1.0
Levodopa	1.0	1.0	1.1	1.0	1.1	1.1	1.0	0.9	0.9	1.0	1.3	1.0	1.0	1.0	0.9	1.0	0.9	1.0
Levorphanol													1.0	1.3				
Lisdexamfetamine	0.9	0.9	0.8	0.8	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.2	1.2	1.0	

Rate Ratio

Candidate Interacting Precipitant	Sertraline RRs						Citalopram RRs						Escitalopram RRs					
	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days
Lithium	0.9	0.9	1.0	0.9	0.8	0.8	1.2	1.4	1.3	1.3	0.7	0.8	0.8	0.9	0.9	0.7	0.8	1.1
Lorazepam	1.0	1.0	1.0	1.0	1.0	1.3	1.1	1.0	1.1	1.1	1.2	1.6	1.0	1.0	1.0	1.1	1.1	0.9
Loxapine	0.9	1.0	1.0	0.8	0.9		1.0	1.1	1.1	1.0	1.0	1.0	1.1	0.9	1.2			
Lurasidone	1.1	1.0	1.2	1.4	1.0		1.1	1.1	1.0	1.3	1.0		1.3	1.2	0.8	1.4	1.2	1.6
Magnesium salicylate	1.2	1.3		1.3		1.4	1.5	1.1	1.7	1.3	1.3	1.3	1.1		1.4			1.3
Meclizine	1.0	0.9	1.0	1.1	1.1	1.5	1.1	1.1	1.1	0.9	1.0	1.2	1.1	1.0	1.4	1.1	1.2	1.2
Meclofenamate	1.0	1.0																
Mefenamic acid	1.3	1.3	1.0	1.6									1.0	1.1				
Meloxicam	1.0	1.0	1.1	1.0	1.2	1.3	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	0.9	1.1	1.1
Memantine	1.0	1.0	1.0	1.1	1.1	1.3	1.0	0.9	0.9	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0
Meperidine	1.4	1.3	1.6		1.1		0.7	0.7	0.9		1.1		0.9	0.9	0.9	1.2		1.1
Meprobamate	0.9	0.8	1.2				1.1	1.0	1.4									
Metaxalone	1.1	1.2	0.7	1.2	1.0	1.0	1.2	1.3	1.1	1.2	1.2	1.0	1.1	1.1	1.1	0.9	1.1	1.1
Methadone	0.9	0.8	0.9	1.0	0.9	0.7	1.1	1.0	1.2	1.1	1.2	1.3	0.9	1.0	0.9	0.7	0.7	1.0
Methocarbamol	1.0	1.1	0.8	0.8	1.0	1.2	1.1	1.2	1.1	0.9	1.0	1.0	1.0	1.1	0.9	0.8	1.0	1.0
Methylphenidate	1.0	1.0	1.0	1.0	1.4	1.3	1.0	1.0	1.1	1.1	0.9	0.9	1.0	1.0	1.0	1.0	1.2	1.4
Milnacipran	1.1	1.3	1.1		0.8		0.9	1.1	0.8		0.7	1.6	0.8	0.8	1.0	0.9	0.7	1.0
Modafinil	1.0	0.9	1.3	0.9	1.1	1.0	1.3	1.4	1.4	1.2	1.1	1.0	0.9	0.7	1.1	1.0	1.1	1.2
Morphine	0.9	0.9	0.9	1.0	1.0	0.8	1.0	0.8	1.1	1.0	1.3	1.1	0.9	0.9	1.0	0.8	0.9	0.5
Nabumetone	1.1	1.0	1.2	0.9	1.5	1.0	0.8	0.9	0.8	0.7	0.7	0.8	1.0	1.0	1.0	1.1		0.6
Naloxone	1.3	1.3	1.2	1.5			1.2	1.2	1.2				0.8	0.9	0.8		0.8	
Naltrexone	0.8	1.1	0.8	0.8			0.9	0.9	1.2	0.8	0.9		0.9	1.0	1.0	0.7	0.8	1.1
Naproxen	0.9	1.0	0.9	1.0	1.2	1.4	1.0	0.9	1.0	1.1	0.9	0.9	1.1	1.1	1.1	1.0	0.8	1.3
Naratriptan	1.1	1.0	1.0	1.2			1.1	1.0	1.2		1.4	1.5	1.0	1.0	1.2	1.1	1.0	
Olanzapine	1.1	1.0	1.0	1.3	1.2	1.5	1.0	1.0	1.1	1.1	1.1	1.3	0.9	1.0	0.9	0.8	0.9	1.2
Ondansetron	1.0	1.0	1.0	1.3	1.0		1.0	1.0	1.1	1.0	1.3	1.0	1.0	1.0	1.0	1.1	0.8	1.1
Opium	0.8	0.8					0.9	0.9	1.0				1.4	1.4	1.3			
Orphenadrine	1.0	1.1	0.9	0.6	1.2	1.2	0.8	0.8	0.7	1.5	1.5		1.0	0.9	1.2	1.2	1.0	1.0
Oxaprozin	1.2	1.2	0.8	1.4	1.5	1.2	1.0	1.0	1.0	1.0	0.8	1.0	0.8	0.9	0.8	0.9		
Oxazepam	1.0	0.9	1.0	1.1	1.0	1.3	0.9	1.0	0.9	1.0	1.2		0.8	0.9	0.7	1.1	1.1	1.3
Oxcarbazepine	1.0	0.9	0.9	1.2	1.2	1.0	1.0	1.1	0.9	1.0	0.8	0.8	1.1	1.1	0.9	1.1	1.3	1.1
Oxycodone	0.9	0.9	0.9	0.9	1.0	1.0	0.9	0.9	1.0	1.0	1.1	1.2	0.9	0.9	0.9	1.0	1.1	1.2
Oxymorphone	0.9	0.9	1.0	1.0	0.8		1.1	1.1	1.3	1.2	1.0	0.8	1.1	1.0	1.0	0.9	1.6	1.1
Paliperidone	0.5	0.7	0.7		0.7	1.0	0.7	0.7	0.7	1.0	0.8	1.0	0.9	1.1	0.8	0.8	0.9	1.1
Pentazocine	1.0	0.9	1.1	1.2			1.1	1.1	1.0				0.9	1.0	0.8		0.8	
Pergolide	1.2	1.0	1.0	1.1	1.3													
Perphenazine	0.9	0.8	0.9	0.8	1.2	1.3	1.4	1.2	1.5	1.5	1.1	1.0	1.3	1.2	1.3	1.1	1.2	
Phenobarbital	0.8	0.8	0.5	1.0	1.0	0.8	1.3	1.4	1.1	1.3	1.3	1.0	1.1	1.1	1.1	0.8	1.3	0.8
Phentermine	0.8	0.9	1.1				0.4	0.6	0.7				0.6	0.6	0.9			
Phenyltoloxamine	1.2	1.2	1.2				1.2	1.0	1.5				1.2	1.2	1.1			
Phenytoin	0.8	0.8	0.7	0.8	0.7	0.7	1.1	1.1	1.0	1.1	1.1	1.2	1.0	1.0	1.0	1.1	0.9	0.9
Piroxicam	1.0	1.2	0.9	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.8	1.0	1.1	1.0	0.7	1.2	1.1

Rate Ratio

Candidate Interacting Precipitant

Precipitant	Sertraline Overall	Sert 0-15	Sert 16-30	Sert 31-60	Sert 61-120	Sert 121-180	Citalopram Overall	Cital 0-15	Cital 16-30	Cital 31-60	Cital 61-120	Cital 121-180	Escitalopram Overall	Escit 0-15	Escit 16-30	Escit 31-60	Escit 61-120	Escit 121-180
Pramipexole	0.9	0.8	0.8	0.8	0.9	1.1	1.4	1.2	1.4	1.2	1.7	1.4	1.3	1.2	1.3	1.2	1.6	1.5
Pregabalin	1.1	1.1	1.0	1.0	1.2	1.1	1.0	1.1	0.9	1.1	0.9	1.3	1.1	1.1	1.1	1.0	1.0	1.6
Primidone	1.2	1.0	1.3	1.3	1.2	1.3	1.1	0.9	1.2	1.2	1.1	1.7	1.2	1.2	1.2	1.4	1.2	1.1
Prochlorperazine	1.2	1.2	0.7	1.3	1.6	1.4	1.0	1.0	0.9	1.1		1.0	1.1	1.0	2.0		1.7	1.4
Propoxyphene	0.9	0.9	1.1	0.9	1.0	1.2	0.8	0.8	0.8	0.9	0.8		1.0	1.0	1.0	1.0	0.9	1.0
Pyridostigmine	2.0	1.7	1.9	1.8	1.8	1.3	1.4	1.3	1.3	1.7	1.2		0.9	1.0	1.0	0.8	1.2	1.1
Quetiapine	1.1	1.1	1.0	1.1	1.2	1.2	1.1	1.1	1.1	1.0	1.1	1.0	1.1	1.1	1.1	1.0	1.2	1.0
Ramelteon	1.2	1.4	1.0		0.8	1.0	1.0	1.0	1.0	0.7		0.8	0.9	0.9	0.8	1.0	1.2	1.0
Rasagiline	0.7	0.8	0.9	0.8	0.8	0.8	0.7	0.6	0.8	1.1	1.1		0.5	0.6	0.5	0.5	0.7	0.7
Riluzole	1.5	1.5	1.2	1.2			1.2	1.3	1.1				1.0	1.0	1.0	1.2	1.0	1.1
Risperidone	1.0	1.0	1.0	0.8	1.1	1.2	1.0	1.0	0.9	0.9	0.9	1.1	0.9	1.0	0.9	0.9	0.9	0.8
Rivastigmine	1.2	1.1	1.2	1.0	1.6	1.2	1.1	1.0	1.1	1.2	1.2	1.2	1.1	1.0	1.4	1.0	1.0	1.2
Rizatriptan	0.9	0.9	0.9	0.7	1.3	1.1	0.9	0.9	0.8	1.2	0.9	1.0	1.0	1.0	1.1	1.1	0.8	0.9
Rofecoxib	1.0	0.9	0.9	1.3	1.6	0.9	0.8	0.8	0.6	0.8	1.1	0.8	0.9	0.8	0.9	1.0	1.2	
Ropinirole	1.1	1.2	1.1	1.0	1.1	1.3	1.0	1.0	1.1	1.0	1.0	0.8	1.1	1.0	1.1	1.2	1.3	0.9
Salsalate	1.1	1.0	1.1	1.3	1.6	1.1	1.1	0.9	1.4	1.0	0.9	1.2	1.1	1.1	1.3	1.0	1.1	1.0
Selegiline	1.1	1.4	1.1	0.9	0.9	1.0	1.0	0.9	1.2	1.0			1.7	1.5	1.7	1.6	1.4	1.6
Sodium oxybate	0.7	0.7	1.0	0.9									1.0	1.0	0.9	1.0	1.4	
Sulindac	0.7	0.7	0.7	0.7	1.2		1.3	1.3	1.2	1.0	1.6	1.1	1.0	1.0	0.9	1.4	0.9	
Sumatriptan	1.1	1.1	0.9	1.0	0.6	1.1	1.2	1.1	1.3	1.1	1.2	1.3	0.9	0.9	0.9	0.8	0.7	0.7
Tapentadol	1.2	1.3	1.2	0.9	1.1	1.1	1.0	1.0	0.8	1.4	1.0		0.9	1.0	0.8	0.9	1.0	
Temazepam	1.1	1.1	1.1	1.1	1.1	1.3	0.9	0.9	0.9	0.9	1.3	1.0	1.0	1.0	0.9	1.1	1.1	1.1
Thioridazine	1.6	1.2	1.2	2.0	1.4		1.1	1.1	1.3	1.2	0.9	1.1	0.6	0.7	0.7	0.7	0.8	1.0
Thiothixene	1.2	1.2	1.5	0.9	1.1		1.0	1.2	1.0	1.0	0.9	1.1	1.4	1.3	1.5	1.0	1.5	
Tiagabine	0.6	0.6	0.8	0.8	0.8		0.9	0.9	0.8	1.6	0.9		0.9	0.9	1.1	0.9	1.0	
Tizanidine	1.0	0.9	1.0	1.0	1.0	1.2	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.0	1.2	1.0	1.3	1.2
Tolcapone													0.9		1.0	1.2		1.1
Tolmetin	0.7	0.8			1.0		0.9		1.1									
Topiramate	1.0	1.0	0.8	1.0	0.9	1.0	1.0	1.0	1.0	0.9	1.1	0.9	0.9	0.9	0.9	0.9	1.0	0.9
Tramadol	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.3	1.2	1.1	1.1	1.1	1.1	1.1	0.8
Triazolam	1.5	1.7	1.1	1.1	1.5	1.4	0.9	0.9	0.8	0.9	1.1	1.2	1.1	0.9	1.1	1.2	1.6	1.1
Trifluoperazine	1.1	1.1	1.0	1.0	1.2	1.0	0.9	1.0	0.9	0.8	0.9		1.1	1.1	1.1	1.1		
Trihexyphenidyl	0.9	0.9	1.0	0.8	1.1	0.8	1.1	1.2	0.9	1.3	0.9	1.2	1.3	1.3	1.3	1.1	1.5	1.4
Trimethobenzamide	0.9	0.9		1.3	1.3	1.3	1.6	1.7	1.2				0.7	0.7	1.0			
Valdecoxib	1.2	1.2	1.2	0.9	0.9	0.9	0.7	0.6	0.7	1.0	0.7	1.0	1.2	1.1	1.2	1.4	1.4	0.8
Valproic acid	1.3	1.3	1.1	1.0	1.4	1.1	1.5	1.5	1.6	1.1	1.0	1.6	1.3	1.3	0.9	1.6	1.1	1.1
Varenicline	0.9	0.9	1.0	0.9	0.9	1.1	0.9	0.8	1.0	1.0	1.2		1.0	1.1	1.0	1.3	0.9	
Zaleplon	0.7	0.8	0.7	0.6	0.7		1.3	1.4	1.1	1.3	0.7	0.9	0.8	0.8	0.9	1.1	1.0	0.8
Ziprasidone	0.9	0.8	0.9	0.9	1.0	1.1	1.1	1.1	1.0	1.6	1.1		0.8	0.7	0.8	1.0	0.7	0.8
Zolmitriptan	1.2	1.2	1.0	1.3	1.1	0.9	1.1	0.9	1.3	1.1	1.5	1.9	1.1	1.1	1.0	1.4	0.9	1.1
Zolpidem	1.0	1.0	1.0	1.0	0.9	0.8	1.0	1.0	1.1	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.2	1.0
Zonisamide	1.2	1.3	1.0	1.2	1.4	0.9	0.8	0.6	1.0	0.9	0.9	0.8	0.8	1.0	0.7	0.7	0.8	0.8

Column groups: Sertraline RRs — Citalopram RRs — Escitalopram RRs. Each group columns: Overall, 0-15 days, 16-30 days, 31-60 days, 61-120 days, 121-180 days.

Rate Ratio (color scale): 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 9.0

Heatmap of rate ratios (RRs) for candidate interacting precipitants by exposure time window, comparing Sertraline, Citalopram, and Escitalopram.

Candidate Interacting Precipitant	Sertraline RRs Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days	Citalopram RRs Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days	Escitalopram RRs Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days
Dermatological																		
Acitretin	0.9	1.1	0.9				0.6		1.0	1.2	0.8		1.0	1.0		1.3		
Isotretinoin	0.9	0.9	0.8	1.1	1.0		0.7	0.9	0.7	0.9	1.2		1.1	1.3	0.9	1.2	0.9	1.0
Endocrine and metabolic																		
Acarbose	1.0	0.9	1.2	1.0	1.0	0.9	0.8	1.0	0.8	0.7	1.1	1.0	0.9	0.9	0.9	1.1	1.2	
Alendronate	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.8	0.9	1.0	1.0	1.1	0.9	0.9	0.9	1.0		1.1
Allopurinol	1.0	1.0	1.0	1.0	1.1	1.2	0.9	0.9	0.9	0.9	1.0	1.1	0.9	0.9	0.9	1.0	0.8	0.9
Alogliptin	1.1	1.2	0.9	1.5	0.9													
Budesonide	1.3	1.2	1.2	1.4	1.1	1.0	0.7	0.8	0.7	1.0	1.0	1.0	1.1	1.2	1.0	1.2	0.8	1.5
Cabergoline	1.4	1.6	1.3	1.1	1.0		0.8	0.8	1.1	0.6	0.7		1.2	1.3	1.2	1.2	0.8	1.1
Calcitriol	0.8	0.6	0.8	0.8	1.1	1.0	1.2	1.1	1.3	1.3	1.0	1.7	1.0	1.2	0.8	1.1	0.9	0.6
Canagliflozin	0.9	1.0	0.6	1.0	0.9	1.3	1.2	1.1	0.9	1.2	1.4		1.3	1.7	1.4		1.0	
Cinacalcet	0.9	0.9	0.9	0.7	1.3	1.1	1.1	1.3	1.0	0.8	1.3	1.0	0.6	0.5	0.9	0.8	0.8	
Clomiphene	0.9	0.9	1.4				1.5	1.6	1.4	1.2	1.0		0.7			1.0		
Colchicine	0.8	0.9	0.9	1.1	0.6	0.6	1.0	1.0	0.9	1.0	0.9	2.0	0.7	0.8	0.7	0.7	0.6	0.9
Conjugated estrogens	1.0	1.0	1.0	1.0	1.0	1.1	0.9	0.8	0.9	1.0	0.9	1.2	1.0	1.0	1.1	1.1	1.2	0.7
Cortisone													0.8	0.9		1.0		
Dapagliflozin	1.0	1.0	1.1	1.1			1.2	1.3	0.9	1.3	1.0		1.2	1.2	0.9	1.3	1.0	
Deferasirox													1.0	1.1	1.0			
Desmopressin	1.2	1.1	1.3	0.9	1.2	1.3	1.4	1.1	1.4	1.7	1.4	1.1	1.2	1.2	1.0	1.2	1.4	
Desogestrel	1.0	0.9	1.0	1.0	1.1	0.9	0.9	0.9	0.9	1.0	0.9	0.8	0.8	0.8	0.7	0.8	1.1	
Dexamethasone	0.8	0.8	0.7	1.4	0.9	1.2	1.1	1.1	1.2	1.1	1.2		0.9	0.7		1.2	1.4	
Doxercalciferol	1.0	1.0	1.1	1.0	1.2		0.9	0.9	0.9	1.2	1.0		1.0	1.3		1.0		
Drospirenone	1.0	1.0	0.9	1.1	1.1	1.0	0.8	0.8	0.9	0.8	0.8	0.9	1.0	1.0	1.0	1.0	0.9	0.9
Esterified estrogens	1.0	1.0	1.1	1.0	1.0	1.0	0.8	0.8	0.9	0.9	1.2	0.6	0.8	0.8	0.9	0.9	0.9	0.6
Estradiol	1.0	1.0	1.0	0.9	1.1	0.8	1.1	1.0	0.9	1.1	1.2	1.6	1.0	1.1	1.1	1.0	1.0	1.0
Estropipate	0.8	0.8	0.9	0.8	0.9	0.7	0.9	0.9	1.0	0.9	0.9	1.2	1.1	0.9	0.9	1.5	1.5	0.9
Ethinyl estradiol	1.0	1.0	0.9	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.9	1.0	0.9	0.9	0.9	0.9	1.0	0.9
Ethynodiol	1.1	1.2	1.2	1.1	1.0	1.1	1.2	1.3	1.1	1.3	0.9	1.2	1.1	0.9	0.9	1.4	1.0	1.2
Etidronate													0.9		1.2			
Febuxostat	0.8	0.7	1.0	0.9	1.0	0.9	1.1	1.1	1.3	1.2	0.9		1.2	1.1	1.3	1.2	0.9	1.2
Fludrocortisone	1.0	1.2	1.0	1.0	0.8	0.7	0.9	0.8	1.0	0.9	1.1	0.7	1.0	1.1	0.9	1.1	0.5	1.1
Glimepiride	0.9	0.9	0.9	0.9	1.1	1.1	1.1	1.0	1.2	1.1	1.2	1.1	1.2	1.1	1.4	1.2	1.2	1.5
Glipizide	1.0	1.1	1.1	1.0	1.1	1.1	0.9	0.8	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.2
Glyburide	0.9	0.8	1.0	0.9	0.9	1.1	0.7	0.6	0.8	0.7	0.9	0.8	1.0	0.9	1.0	1.0	0.9	1.1
Hydrocortisone	1.1	1.0	1.0	1.3	1.3	1.0	0.8	0.9	0.8	0.9	0.8	1.3	0.9	0.8	0.8	1.3	1.0	0.9
Ibandronate	1.0	1.0	1.0	1.0	1.0	1.1	0.9	0.9	0.8	0.9	1.0	0.9	0.9	0.9	0.9	1.0	1.0	0.8
Levonorgestrel	0.9	0.9	0.8	0.9	1.0	0.9	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9
Levothyroxine	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.1	1.1		1.0	1.0	1.0	1.0	1.0	1.1
Linagliptin	0.8	0.9	0.6	0.8	1.2	0.8	1.0	1.2	0.9	1.2	0.9	1.0	1.8	1.4	1.7	1.9	1.3	1.7
Liothyronine	1.1	1.2	1.2	1.0	0.9	1.1	0.9	1.0	1.0	0.8	1.1	0.7	0.9	0.9	1.0	0.9	0.7	0.9
Medroxyprogesterone	1.0	1.0	0.9	1.2	1.2	1.3	1.0	0.9	1.0	1.2	1.2	1.2	0.9	1.0	0.9	0.8	1.0	0.6

Rate Ratio

9.0 — 7.0 — 6.0 — 5.0 — 4.0 — 3.0 — 2.0 — 1.0 — 0.9 — 0.8 — 0.7 — 0.6 — 0.5 — 0.4 — 0.3 — 0.2 — 0.1

Candidate Interacting Precipitant	Sertraline RRs						Citalopram RRs						Escitalopram RRs					
	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days
Megestrol	1.2	1.2	1.1	1.1	1.4	1.5	1.0	0.9	1.0	1.0	1.3	1.3	1.2	1.2	1.1	1.3	1.4	1.6
Mestranol	1.0	1.1	1.1	0.8	1.5		1.4	1.5	1.0	1.6	1.6		0.7	0.8	0.9	0.8	0.8	
Metformin	1.0	0.9	1.0	1.0	1.1	1.0	1.0	0.9	1.0	1.0	1.1	1.0	1.0	1.0	1.1	1.0	1.0	1.1
Methimazole	1.0	1.0	1.1	0.9	1.1	1.0	1.1	1.1	0.9	1.0	1.3	1.1	0.9	0.6	0.9	1.1	1.4	1.6
Methylergonovine	1.1	1.1																
Methylprednisolone	1.0	1.0	1.3	0.7	0.8	1.1	1.1	1.1	1.2	1.0	1.8	1.4	0.9	1.0	0.9	0.8	1.2	
Methyltestosterone	1.0	1.0	1.0	0.9	0.9	1.0	0.8	0.8	0.9	0.9	1.3	0.7	0.9	0.9	0.9	0.9	1.0	0.7
Miglitol	1.0	0.9	1.1	1.0	1.0													
Nateglinide	0.8	0.7	1.0	1.1	0.7	0.9	1.0	1.0	0.9	1.1	0.9	1.1	0.7	0.8	0.8	0.8	0.7	0.7
Norethindrone	1.0	1.0	0.9	1.0	1.0	1.1	1.0	0.9	1.0	1.1	0.8	1.1	1.0	1.0	0.9	0.9	1.1	1.1
Norgestimate	1.0	1.0	1.0	1.1	0.9	0.6	0.9	0.9	1.0	0.9	1.0	1.1	0.9	0.9	1.0	0.9	0.9	0.8
Norgestrel	1.1	1.0	1.2	1.3	1.3	1.0	1.5	1.6	1.2	1.6	1.4	2.0	1.2	1.3	1.2	1.1	1.1	1.0
Ospemifene													0.8	1.3			0.9	1.0
Oxandrolone							0.8	0.9	0.8				0.8	0.8		1.1	1.1	
Paricalcitol	1.1	0.7	1.4	1.2	1.5	1.1	1.2	1.0	1.1	0.9	2.0	1.2	0.8	0.7	0.9	1.2	0.9	
Pioglitazone	0.9	0.9	0.9	1.0	1.0	0.9	0.9	0.9	0.8	0.9	1.0	1.1	1.1	1.0	1.0	1.2	1.3	1.1
Prednisolone	1.0	1.0	1.2				0.8	0.9		1.2			0.8					1.4
Prednisone	1.0	1.0	1.2	1.1	1.2	1.2	1.0	1.0	1.0	1.1	1.3	1.4	1.0	1.0	1.0	1.0	1.2	0.9
Probenecid	0.9	0.9	0.7	1.3	1.1	1.1	0.9	1.1	1.0	0.9	1.0		0.8					
Progesterone	1.2	1.2	1.1	1.3	1.4	1.2	1.2	1.1	1.3	1.3	1.2	1.1	0.9	0.9	0.9	0.9	0.7	0.8
Propylthiouracil	1.3	0.8	1.7	1.1	1.5	1.2	1.2	0.9	1.4	1.4	0.9	1.4	1.0	1.0	0.9	0.9	1.0	
Raloxifene	0.8	0.9	0.8	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0	0.9	1.0	0.9	1.1	0.9	1.0	0.8
Repaglinide	1.5	1.3	1.2	1.3	1.3	1.9	1.0	0.9	1.0	1.0	1.4	1.0	0.9	0.7	1.1	1.2	1.0	1.6
Risedronate	1.0	1.1	1.0	0.9	1.0	0.9	0.9	0.8	1.0	1.1	0.9	0.8	0.9	0.9	0.9	0.9	1.0	1.1
Rosiglitazone	1.1	1.1	1.1	1.1	0.9	1.1	1.0	1.1	0.9	1.0	1.0	0.8	0.8	0.9	0.9	0.8	0.8	0.7
Saxagliptin	1.1	1.1	1.0	1.4	1.2	0.8	1.0	1.1	1.2	0.9	1.0	0.9	1.2	1.3	1.1	1.2	1.2	0.9
Sitagliptin	1.0	1.1	1.0	1.0	1.0	0.8	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.8
Thyroid desiccated	1.2	1.2	1.1	1.4	1.2	1.6	0.8	0.8	0.8	0.9	0.8	1.0	1.2	1.2	1.2	1.2	1.0	1.2
Gastrointestinal																		
Atropine	0.9	0.9	1.0	1.0	0.7	1.5	0.9	0.9	0.7	1.2	1.4	1.7	1.0	1.0	1.0	0.9	0.9	0.8
Balsalazide	1.1	0.8	1.2	1.4	1.2	1.2	0.8	0.8	0.9	0.8	1.0	1.0	0.8	0.9	0.9	1.0		
Belladonna	1.0	1.0	1.2	0.9	1.3		1.3	1.1	0.9	1.5	1.9		1.0	1.2	1.1	1.0	1.0	
Bisacodyl	1.0	1.1	0.9				1.1	1.0	1.3				1.0	0.9	1.1			
Bismuth subsalicylate	1.0	1.1																
Cevimeline	1.1	1.2	1.0	1.1	1.2		1.1	1.0	1.4		1.2		0.6	0.6	0.7	0.9	1.5	
Cimetidine	0.8	0.7	0.7	1.1	0.8	1.1	0.7	0.7	0.7	0.9	0.6	1.0	0.8	0.8	0.8	1.1	0.8	0.9
Citric acid	0.8	0.9											0.9	1.0	0.9			
Clidinium	1.4	1.2	1.7	1.0	1.2		0.9	1.0	0.8	1.0	1.0	1.2	1.0	0.9	1.1	0.9	1.2	
Cyproheptadine	0.9	0.9	0.8	1.6	0.9		1.2	1.1	1.3	1.0	1.2		0.9	0.9	0.9	0.7	0.7	
Dexlansoprazole	0.8	0.8	0.8	0.8	1.0	1.0	0.9	1.0	0.9	0.9	1.1	0.8	1.0	1.2	0.8	1.0	0.8	0.9
Dicyclomine	1.0	0.9	1.1	1.3	1.3	1.1	0.9	0.9	0.8	1.1	1.1	1.0	1.1	1.1	1.2	0.9	0.9	0.9
Diphenoxylate	1.0	1.0	1.1	1.0	0.8		0.8	0.8	0.6	1.2	1.4	1.4	1.0	1.0	0.9	0.9	0.9	0.9

Rate Ratio heatmap

Y-axis: Candidate Interacting Precipitant

Candidate Interacting Precipitant	Sertraline RRs Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days	Citalopram RRs Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days	Escitalopram RRs Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days
Docusate	1.3	1.0	1.2	1.3	1.6	1.3	1.2	1.2	1.0	1.4	1.2	1.1	1.2	1.2	1.3			
Esomeprazole	0.9	0.9	1.0	1.0	0.9	1.0	1.0	1.0	1.1	1.1	1.0	1.2	0.9	0.9	1.0	0.9	0.9	0.8
Famotidine	0.8	0.8	0.8	0.9	1.0	1.1	0.8	0.9	0.9	0.8	0.8	0.8	1.0	1.1	1.0	1.0	1.1	1.0
Glycopyrrolate	1.2	1.2	1.2	1.3	1.0		1.7	1.4	1.9	1.5	1.0		0.7	0.7	0.9	1.1	1.0	
Hyoscyamine	0.8	0.8	0.7	1.1	0.8	0.8	0.9	1.0	0.7	0.7	0.8	1.2	1.0	1.0	0.9	1.1	0.8	0.8
Lactulose	1.0	1.0	1.1	1.2	1.2		1.0	1.1	1.1	0.6	0.7	1.0	0.9	0.9	1.1	0.7	0.8	1.0
Lansoprazole	0.9	0.9	0.9	0.8	1.0	0.9	1.0	0.9	1.1	1.0	0.9	1.1	1.0	1.0	1.0	0.9	1.0	1.1
Linaclotide	1.4	1.2	1.4	1.6	1.3		1.1	0.9	1.4	0.9	1.3		0.7	0.6	0.8	0.8	0.9	
Loperamide	1.1	1.0	1.3	1.4	1.2	1.1	1.0	1.0	0.8	1.4	0.9	1.3	1.2	1.3	1.0	1.1	0.9	1.6
Lubiprostone	0.8	0.7	0.7	0.9	1.1	1.0	1.2	1.2	1.0	1.2	1.1	1.1	1.2	1.0	1.4	0.9	1.3	1.5
Magnes potassium sdm sulft	1.1	1.3					0.9	0.8	1.1				1.1	1.0	1.1			
Mesalamine	0.9	0.9	1.0	0.8	1.0	0.8	1.3	1.3	1.3	1.3	1.1	1.2	1.0	0.9	1.1	1.1	1.6	0.9
Methscopolamine	1.1	1.1	1.3	0.8	1.2	1.0	0.9	0.8	1.2	1.0	1.0		1.1	1.0	0.9	2.1	0.9	
Metoclopramide	0.9	0.9	0.8	1.2	1.0	0.8	1.0	1.1	1.0	0.8	1.0	1.1	1.1	1.1	1.1	1.3	0.9	1.4
Misoprostol	1.1	1.1	1.0	1.2	1.5		0.9	0.8	1.1	1.1	0.8	1.0	1.0	1.1	0.8	0.9	1.1	1.3
Nizatidine	1.5	1.3	1.2	1.7	1.5	1.7	1.1	1.1	1.1	1.1	1.0		1.1	1.1	1.4	0.8	1.0	
Olsalazine	0.7	0.7	0.8	0.8														
Omeprazole	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.1	1.1	1.2	1.1	1.0	1.1	1.1	1.1	1.1
Orlistat	1.1	1.1	1.1				0.7	0.8	0.9				1.6	1.8	1.1	1.2		1.4
Pancrelipase	1.1	1.2	1.0	1.3	1.0	0.8	1.0	1.1	0.8	1.0	1.4		0.9	0.9	1.0	1.0	1.0	0.9
Pantoprazole	1.0	1.0	0.9	1.0	1.0	1.2	0.9	0.9	0.9	0.9	1.0	1.1	1.0	0.9	1.0	0.9	0.9	1.1
Pilocarpine	1.1	1.0	1.3	1.1	1.2	1.0	1.3	1.3	1.2	1.2	0.9	1.1	1.2	1.0	1.3	1.0	1.7	
Polyethyl glycol3350 electro	1.0	0.9	0.9	1.5	1.2		1.0	1.1	0.8				1.2	1.0	1.6			
Polyethylene glycol 3350	1.0	1.0	1.1	1.1	1.8	1.5	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	0.8	1.4	
Promethazine	1.0	1.0	1.2	0.9	0.8	0.9	1.0	1.0	0.8	1.4	0.9	2.5	0.9	0.9	0.8	0.8	1.2	0.9
Rabeprazole	1.1	1.0	1.2	1.1	0.9	0.8	1.0	0.9	1.1	1.0	1.2	1.3	1.2	1.2	1.1	1.1	1.3	1.2
Ranitidine	1.0	1.0	1.0	0.9	1.2	1.0	1.0	1.0	1.0	1.0	1.1	1.3	0.9	0.9	1.0	0.9	0.9	0.9
Scopolamine	0.7	0.7	0.7	1.0	0.9	1.9	1.2	1.3	1.2				1.0	1.1	1.1	0.8	1.0	
Senna	1.0	0.9	1.1	1.0	1.1	1.1	0.8	0.8	1.0	1.0								
Sodium biphosphate	1.0	1.1	0.8				0.9	0.9	1.1				1.1	1.0	1.4	1.1		
Sodium citrate	0.8	1.0											1.0	1.1				
Sodium phosphate	1.2	1.4	0.9	1.0			0.9	1.0	0.9				1.0	0.9	1.3	1.2		1.1
Sodium picosulfate													0.9	0.9	1.0			
Sucralfate	0.9	0.9	0.9	0.7	1.0	0.8	1.0	1.0	1.0	0.9	1.0	0.9	1.1	1.0	1.2	1.1	1.3	0.8
Sulfasalazine	1.0	1.0	1.3	0.8	0.8	0.9	1.0	1.0	1.3	1.3	0.8	1.1	0.8	0.8	0.9	0.9	0.7	1.1
Tegaserod	1.2	1.4	1.1	0.9	0.8	1.2	0.8	0.9	0.7	1.0	0.9		0.8	0.9	0.8	0.6	1.1	1.2
Ursodiol	0.7	0.8	0.7	0.9	0.6	0.7	1.0	0.8	1.4	1.1	0.9	0.9	1.1	0.9	1.3	1.0	1.4	1.1
Hematological																		
Aminocaproic acid							1.1	1.1	1.1				0.9	1.0				
Anagrelide	0.6	0.8	0.8	0.8									0.9	1.0	1.0	1.0	1.1	
Apixaban	1.1	1.1	0.9	1.3	1.5		1.1	1.2	0.8	1.2	1.0	1.0	0.9	0.8	0.9	1.2	0.7	1.4
Cilostazol	1.0	1.0	1.1	1.1	1.1	0.7	0.9	0.8	1.1	0.9	0.9	0.9	1.2	1.2	1.4	1.0	1.1	1.1

Rate Ratio scale: 0.1 – 9.0

Panel labels: Sertraline RRs | Citalopram RRs | Escitalopram RRs

Candidate Interacting Precipitant	Sertraline RRs						Citalopram RRs						Escitalopram RRs					
	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days
Bethanechol	0.8	0.6	1.0	0.8	1.0	1.6	1.0	0.9	1.0	1.1	1.2	1.0	0.8	0.9	1.0	0.6	0.6	1.0
Bumetanide	1.1	1.1	1.1	1.1	1.0	0.9	1.4	1.2	1.1	1.5	1.6	1.9	1.1	1.1	1.0	1.2	1.2	1.3
Chlorothiazide	0.8	0.8	0.9	0.9	1.0		1.2	1.3		1.1	1.2		1.2	1.2	1.0		1.2	
Chlorthalidone	1.0	0.8	1.0	0.9	1.2	1.4	0.9	0.9	1.1	0.8	0.9	1.1	0.9	0.9	0.8	1.1	0.9	1.0
Darifenacin	0.9	1.0	1.0	0.9	1.1	0.8	1.1	1.1	1.1	0.9	1.2	1.0	0.9	0.9	1.1	0.8	0.9	1.0
Dutasteride	1.0	0.8	0.9	1.1	1.2	0.9	0.7	0.6	0.8	0.8	0.8	0.7	0.9	1.1	0.8	0.9	0.9	0.9
Etacrynic acid	0.9	1.1					0.6	0.8			1.0		0.8				1.1	
Fesoterodine	0.9	0.9	0.9	0.9	1.0	0.7	1.1	1.1	0.8	0.9	1.3	0.9	1.5	1.0	1.4	1.8	1.7	1.3
Finasteride	1.0	0.9	0.9	1.1	1.1	1.2	0.8	0.8	0.9	1.0	0.9	0.9	1.1	1.1	1.1	1.2	1.0	0.9
Flavoxate	1.3	1.1	1.4				1.2	1.3		1.1			1.0	1.0	1.1			
Furosemide	1.0	0.9	1.0	1.1	1.1	1.2	1.0	0.9	1.0	1.0	1.1	1.3	1.0	0.9	1.0	1.0	1.1	1.1
Hydrochlorothiazide	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	0.9
Indapamide	1.5	1.4	1.1	1.9	1.7	1.7	1.1	1.0	1.2	1.3	0.8	0.9	1.2	1.0	1.2	1.3	1.5	1.1
Lanthanum carbonate	0.7	0.9	0.8				1.3	1.3	1.3				1.1	0.8	1.7		1.1	
Methazolamide	1.3	1.0	1.6		1.5								1.0	1.0	0.9		1.1	1.2
Metolazone	1.4	1.5	1.4	1.1	1.0	1.2	1.5	1.4	1.4	1.4	1.7	1.3	1.1	1.0	1.2	1.3	1.3	1.3
Mirabegron	1.5	1.3	1.6	1.6	1.3	1.1	1.3	1.0	1.6	1.2	1.1		1.4	1.6	1.2	1.5	0.8	1.1
Oxybutynin	0.9	0.8	0.9	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.2	1.2	1.1	1.1	1.1	1.0	1.3	1.1
Pentosan polysulfate sodium	0.8	0.9	0.7	0.7	0.8	1.5	1.2	1.1	1.0	1.7	1.0		1.0	1.1	0.9	0.9	0.7	1.0
Phenazopyridine	0.9	0.9	1.2	1.1			0.6	0.6	1.1	1.2			0.9	0.8	1.3	1.3	1.4	
Potassium citrate	0.9	0.8	0.9	1.2	1.2	1.3	1.2	0.9	1.4	1.2	1.5	1.1	1.0	0.9	1.0	1.3	1.0	1.5
Potassium phosphate	1.3	1.3	1.4	1.1														
Sevelamer	1.0	1.0	0.9	0.9	1.3	1.0	1.4	1.3	1.4	1.1	1.4	1.0	0.7	0.7	0.9	0.7	0.8	1.0
Sildenafil	1.0	1.0	0.9	1.1	1.8		1.0	0.9	0.8	1.4	2.3		1.0	0.8	0.9	0.9	1.4	1.6
Silodosin	1.0	0.8	1.0	1.4	0.8	1.1	1.5	1.3	1.2	1.2	2.1	1.4	0.9	0.8	1.0	1.1		1.4
Sodium bicarbonate	1.2	1.2	1.1	1.2	1.3	1.1	1.2	0.9	1.2	1.4	1.2	1.9	1.1	1.0	1.0	1.0	1.5	0.6
Solifenacin	1.1	1.2	1.0	1.2	1.0	1.2	1.0	1.0	1.0	0.9	1.0	0.9	1.0	1.0	1.1	1.1	0.9	1.1
Spironolactone	1.0	1.0	1.0	1.1	1.2	1.2	1.1	1.1	1.2	1.0	1.2	1.4	1.0	1.0	1.1	1.1	0.9	1.2
Tadalafil	1.2	1.3	1.1	1.1	0.9	1.0	1.1	0.9	1.4	1.3	1.4	1.0	1.2	1.1	1.4	1.4	1.1	1.4
Tamsulosin	1.0	1.0	0.9	1.0	1.1	1.0	1.0	0.9	0.9	1.0	1.2	1.2	1.0	0.9	1.0	1.0	1.0	1.0
Tolterodine	0.9	0.8	1.0	0.8	1.0	0.8	1.1	1.1	1.0	0.9	1.2	1.2	1.2	1.1	1.1	1.2	1.5	1.1
Torsemide	1.0	1.0	0.9	1.1	1.1	1.0	0.8	0.8	0.8	0.8	0.9	1.0	1.2	1.1	1.4	1.2	0.9	1.4
Triamterene	1.0	1.0	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	1.1	1.0	1.0	1.1	1.0	0.9	0.8
Trospium	1.0	1.3	0.9	0.8	0.9		0.8	0.7	0.9	0.9	0.8	1.2	1.1	1.2	1.1	1.2	1.0	1.2
Vardenafil	1.0	0.9	1.2	1.2	1.0		1.0	1.1	0.8	1.0	1.1		0.8	0.8	0.8	0.9	1.0	
Respiratory																		
Acrivastine	0.9	1.1	0.8										0.9	0.9	1.0	0.9	1.0	
Albuterol	1.0	1.1	1.0	1.2	0.9		0.9	1.1	0.9	0.7	0.9	0.7	1.1	1.3	1.3		1.0	0.9
Azatadine							1.0			1.2								
Benzonatate	0.9	0.9	1.0	0.7	1.3		0.9	0.9	0.8	0.9	0.9		1.0	1.0	0.8	1.1		
Brompheniramine	1.1	1.1	1.1	1.1			0.8	1.0	0.8	1.0			0.7	0.8	0.8		0.9	
Carbetapentane	0.8	0.8	1.1	1.1	0.9		1.0	0.9	1.4				0.9	0.9				

Heatmap of rate ratios (RRs) for candidate interacting precipitant drugs against antidepressant object drugs, by time window.

Sertraline RRs

Candidate Interacting Precipitant	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days
Carbinoxamine	0.8	0.8		1.2		
Cetirizine	0.9	0.9	1.0	0.9	0.9	1.1
Chlorpheniramine	1.1	1.1	1.6	0.9	0.8	1.0
Clemastine	1.2	1.2	1.5			1.2
Desloratadine	1.0	1.1	1.0	1.0	1.0	0.7
Dexbrompheniramine	1.4	1.5				
Dexchlorpheniramine						
Dextromethorphan	0.9	0.9	0.9	1.1	0.9	
Diphenhydramine	0.8	1.0		0.9		
Fexofenadine	1.0	1.0	0.9	0.9	1.0	1.1
Guaifenesin	0.9	0.9	0.7	1.3	1.2	
Homatropine	1.2	1.2	1.2			
Levocetirizine	1.1	1.1	1.2	0.8	1.4	1.0
Loratadine	0.7	0.7	0.8	0.7	0.9	0.5
Montelukast	1.0	1.0	1.0	1.0	1.1	1.2
Phenylephrine	1.0	1.0	1.2	1.0	0.9	
Phenylpropanolamine	1.3					
Potassium guaiacolsulfonate	1.3	1.4	1.2			
Pseudoephedrine	0.9	0.9	0.9	0.8	1.0	1.0
Pyrilamine	1.2	1.1	1.5			
Roflumilast	1.0	0.8	1.1	0.9	1.1	1.2
Terbutaline	0.7	0.9				
Theophylline	1.3	1.0	1.4	1.7	1.4	1.0
Zafirlukast	0.9	1.3	0.7	0.6	0.9	1.3
Zileuton	1.0	1.1	1.0			

Citalopram RRs

Candidate Interacting Precipitant	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days
Carbinoxamine	1.1	1.4	1.0			
Cetirizine	1.0	1.0	0.9	1.1	1.1	1.3
Chlorpheniramine	0.9	0.9	1.0	1.3	1.1	
Clemastine	0.7	0.9	0.9	0.9		
Desloratadine	0.8	0.8	0.7	0.7	1.0	1.0
Dexbrompheniramine						
Dexchlorpheniramine	1.0	1.0				
Dextromethorphan	0.9	0.8	1.2	1.4	1.3	1.1
Diphenhydramine	0.8	1.0	0.9			1.0
Fexofenadine	0.9	1.0	0.9	0.9	1.0	0.8
Guaifenesin	1.0	1.0	1.1	1.2	1.0	
Homatropine	0.8	0.9	0.8	1.0		
Levocetirizine	1.0	1.0	0.9	0.8	1.4	0.8
Loratadine	0.8	0.7	1.0	1.1	0.9	0.8
Montelukast	0.9	0.9	0.9	0.9	0.8	1.2
Phenylephrine	0.9	0.9	0.9	1.0	1.0	
Phenylpropanolamine						
Potassium guaiacolsulfonate	0.8		1.7			
Pseudoephedrine	1.0	1.0	1.0	1.2	1.2	0.9
Pyrilamine	0.9	0.9				
Roflumilast	1.3	1.5	1.2	1.0	1.2	1.4
Terbutaline						
Theophylline	0.7	0.8	0.7	0.7	0.6	1.0
Zafirlukast	0.8	1.1	0.7	1.0	0.6	0.8
Zileuton						

Escitalopram RRs

Candidate Interacting Precipitant	Overall	0-15 days	16-30 days	31-60 days	61-120 days	121-180 days
Carbinoxamine	0.9	1.0	0.8			
Cetirizine	0.9	1.0	0.9	0.9	0.9	0.8
Chlorpheniramine	1.1	1.1	1.1	1.5	0.9	
Clemastine	2.0	1.8	1.8	1.3		
Desloratadine	1.0	1.0	1.2	0.9	0.8	0.9
Dexbrompheniramine	1.1	1.1				
Dexchlorpheniramine						
Dextromethorphan	1.1	1.1	0.9	1.3		1.0
Diphenhydramine	0.7	0.8	0.8	0.9	0.9	
Fexofenadine	1.0	1.0	1.0	1.0	1.0	0.9
Guaifenesin	0.9	1.0	1.1	0.7	0.7	
Homatropine	0.8	0.7	1.6	1.6		
Levocetirizine	1.1	1.2	1.0	1.2	0.8	0.7
Loratadine	0.7	0.8	0.9	0.9	1.0	
Montelukast	1.0	1.0	1.0	0.9	0.9	1.0
Phenylephrine	0.9	0.9	1.1	1.4	0.9	
Phenylpropanolamine						
Potassium guaiacolsulfonate	1.0	1.1				
Pseudoephedrine	0.9	0.9	0.9	0.7	0.7	0.9
Pyrilamine	1.4	1.4				
Roflumilast	1.1	1.0	1.2	1.0	1.3	
Terbutaline						
Theophylline	1.5	1.4	1.7	1.4	1.0	1.7
Zafirlukast	0.9	0.9	0.9	0.8	1.2	
Zileuton	1.0	0.9	1.1		1.2	

Antidepressant object drugs on the x-axis are ordered by decreasing numbers of users under study (i.e., sertraline, citalopram, escitalopram). Precipitant drugs on the y-axis are alphabetized within therapeutic category per Facts & Comparisons Clinical Drug Information (Wolters Kluwer: Alphen aan den Rijn, South Holland, Netherlands). Cells with bolded effect estimates and black borders met the traditional threshold for statistical significance. The semi-Bayes shrinkage prespecified a variance of 0.25, assuming that 95% of true rate ratios would fall within an unspecified 7-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.