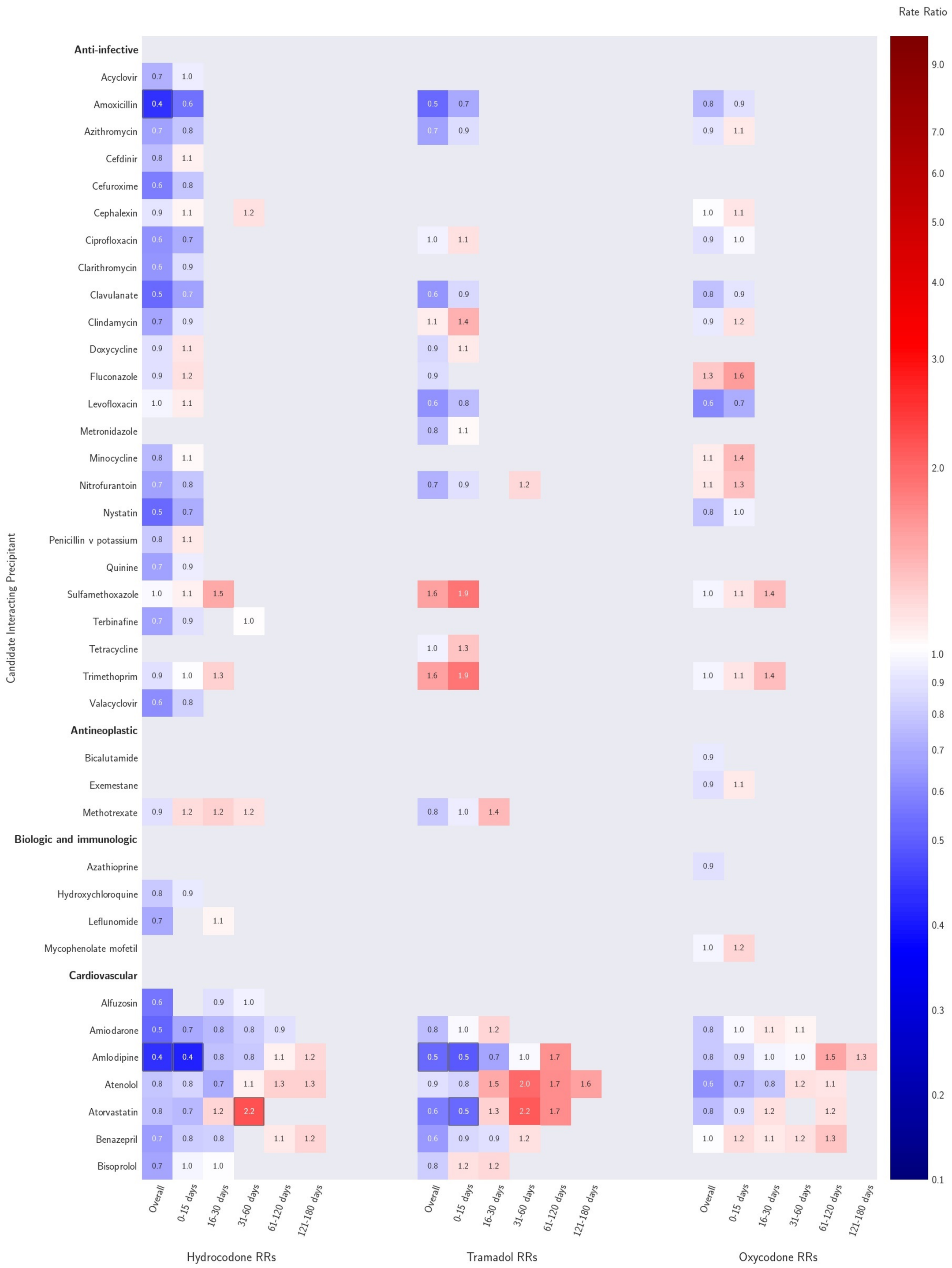
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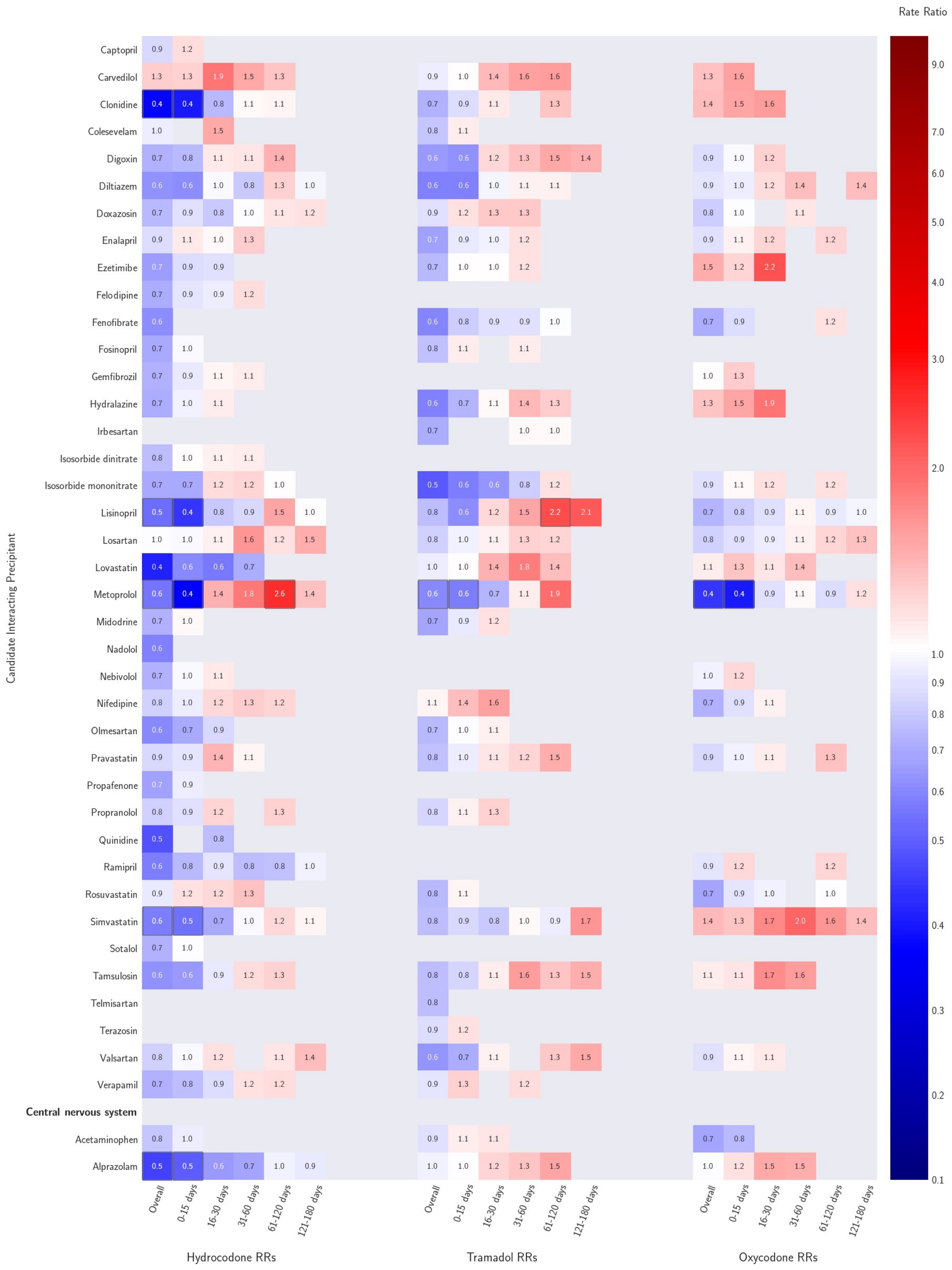
0.1
Candidate Interacting Precipitant
Anti-infective
Acyclovir
Amoxicillin
Azithromycin
Cefdinir
Cefuroxime
Cephalexin
Ciprofloxacin
Clarithromycin
Clavulanate
Clindamycin
Doxycycline
Fluconazole
Levofloxacin
Metronidazole
Minocycline
Nitrofurantoin
Nystatin
Penicillin v potassium
Quinine
Sulfamethoxazole
Terbinafine
Tetracycline
Trimethoprim
Valacyclovir
Antineoplastic
Bicalutamide
Exemestane
Methotrexate
Biologic and immunologic
Azathioprine
Hydroxychloroquine
Leflunomide
Mycophenolate mofetil
Cardiovascular
Alfuzosin
Amiodarone
Amlodipine
Atenolol
Atorvastatin
Benazepril
Bisoprolol
Overall
0-15 days
16-30 days
31-60 days
61-120 days
121-180 days
Hydrocodone RRs
Tramadol RRs
Oxycodone RRs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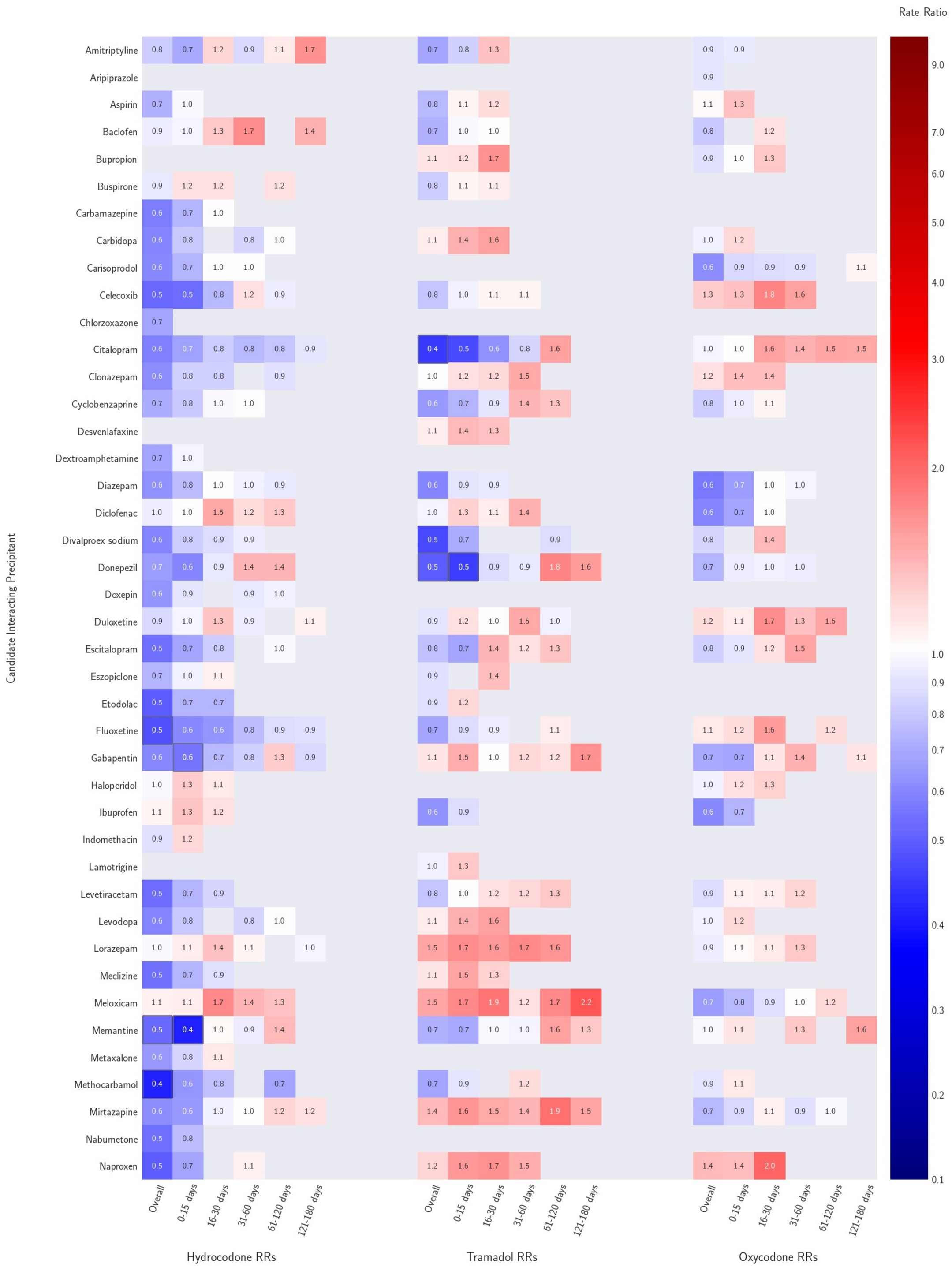
0.5
0.4
0.3
0.2
0.1
Candidate Interacting Precipitant
Central nervous system
Hydrocodone RRs
Tramadol RRs
Oxycodone RRs
Overall
0-15 days
16-30 days
31-60 days
61-120 days
121-180 days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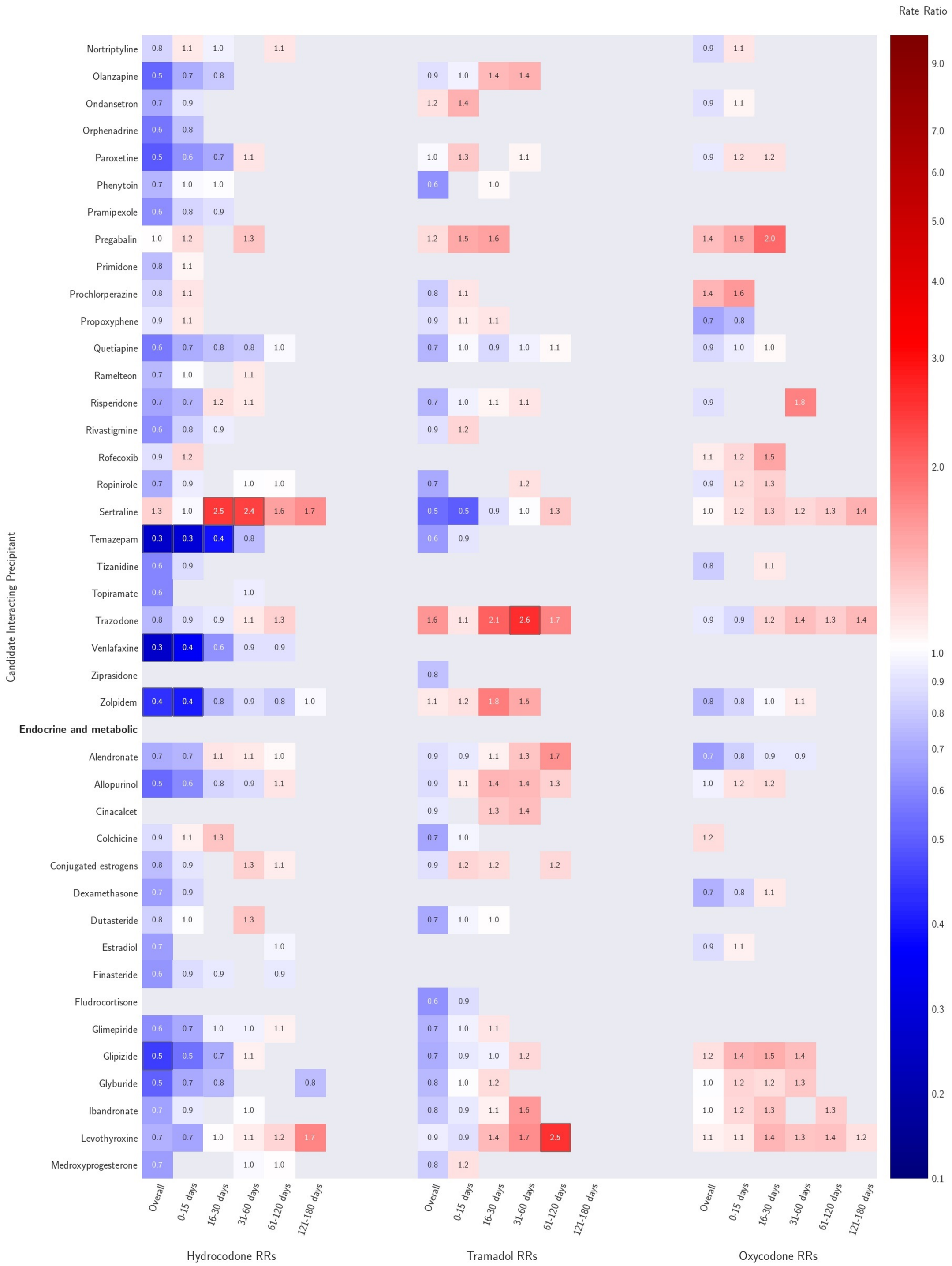
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
Candidate Interacting Precipitant
Amitriptyline
Aripiprazole
Aspirin
Baclofen
Bupropion
Buspirone
Carbamazepine
Carbidopa
Carisoprodol
Celecoxib
Chlorzoxazone
Citalopram
Clonazepam
Cyclobenzaprine
Desvenlafaxine
Dextroamphetamine
Diazepam
Diclofenac
Divalproex sodium
Donepezil
Doxepin
Duloxetine
Escitalopram
Eszopiclone
Etodolac
Fluoxetine
Gabapentin
Haloperidol
Ibuprofen
Indomethacin
Lamotrigine
Levetiracetam
Levodopa
Lorazepam
Meclizine
Meloxicam
Memantine
Metaxalone
Methocarbamol
Mirtazapine
Nabumetone
Naproxen
Overall
0-15 days
16-30 days
31-60 days
61-120 days
121-180 days
Hydrocodone RRs
Tramadol RRs
Oxycodone RRs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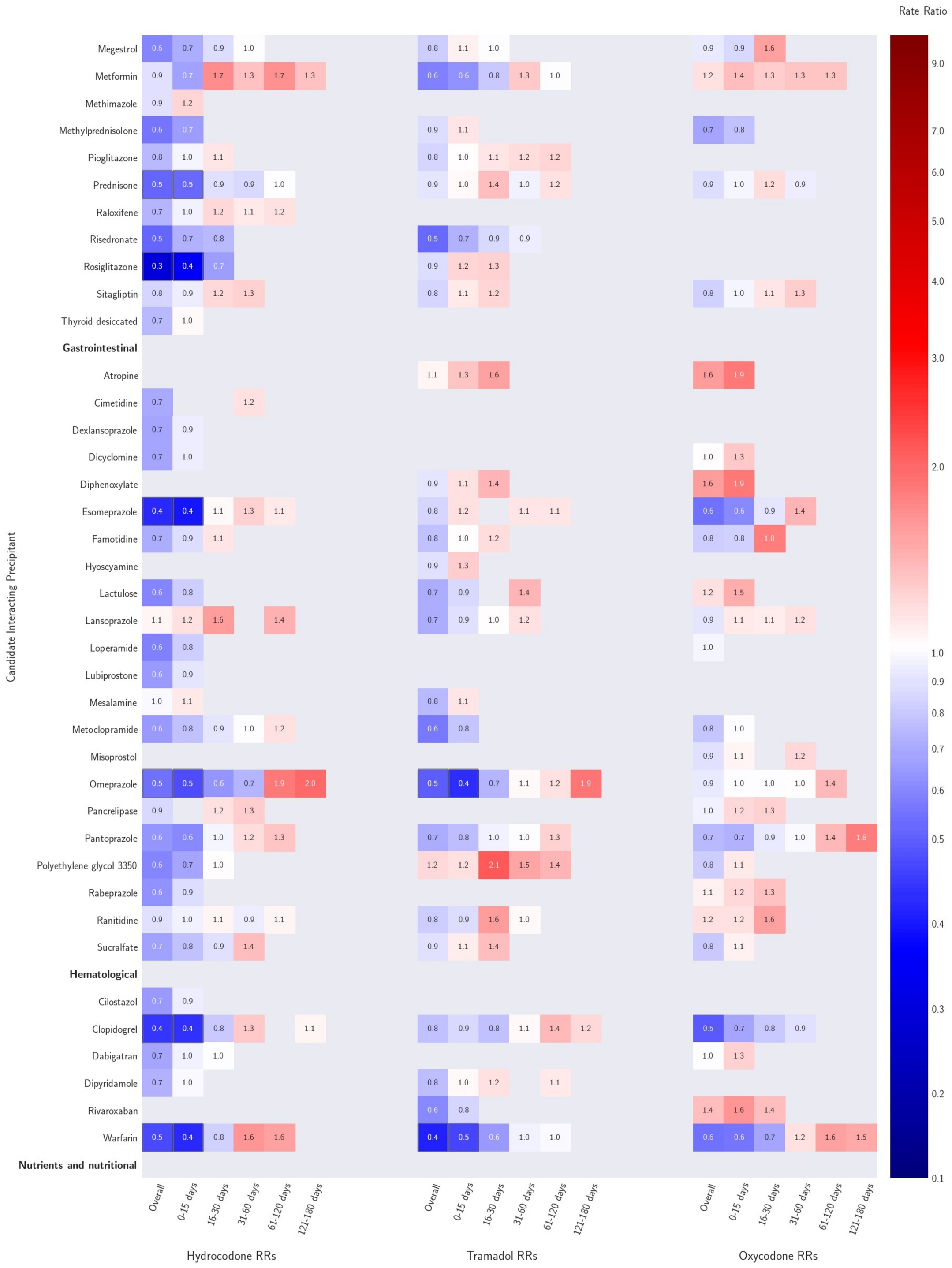
0.6
0.5
0.4
0.3
0.2
0.1
Candidate Interacting Precipitant
Endocrine and metabolic
Nortriptyline
Olanzapine
Ondansetron
Orphenadrine
Paroxetine
Phenytoin
Pramipexole
Pregabalin
Primidone
Prochlorperazine
Propoxyphene
Quetiapine
Ramelteon
Risperidone
Rivastigmine
Rofecoxib
Ropinirole
Sertraline
Temazepam
Tizanidine
Topiramate
Trazodone
Venlafaxine
Ziprasidone
Zolpidem
Alendronate
Allopurinol
Cinacalcet
Colchicine
Conjugated estrogens
Dexamethasone
Dutasteride
Estradiol
Finasteride
Fludrocortisone
Glimepiride
Glipizide
Glyburide
Ibandronate
Levothyroxine
Medroxyprogesterone
Overall
0-15 days
16-30 days
31-60 days
61-120 days
121-180 days
Hydrocodone RRs
Tramadol RRs
Oxycodone RRs


Rate Ratio
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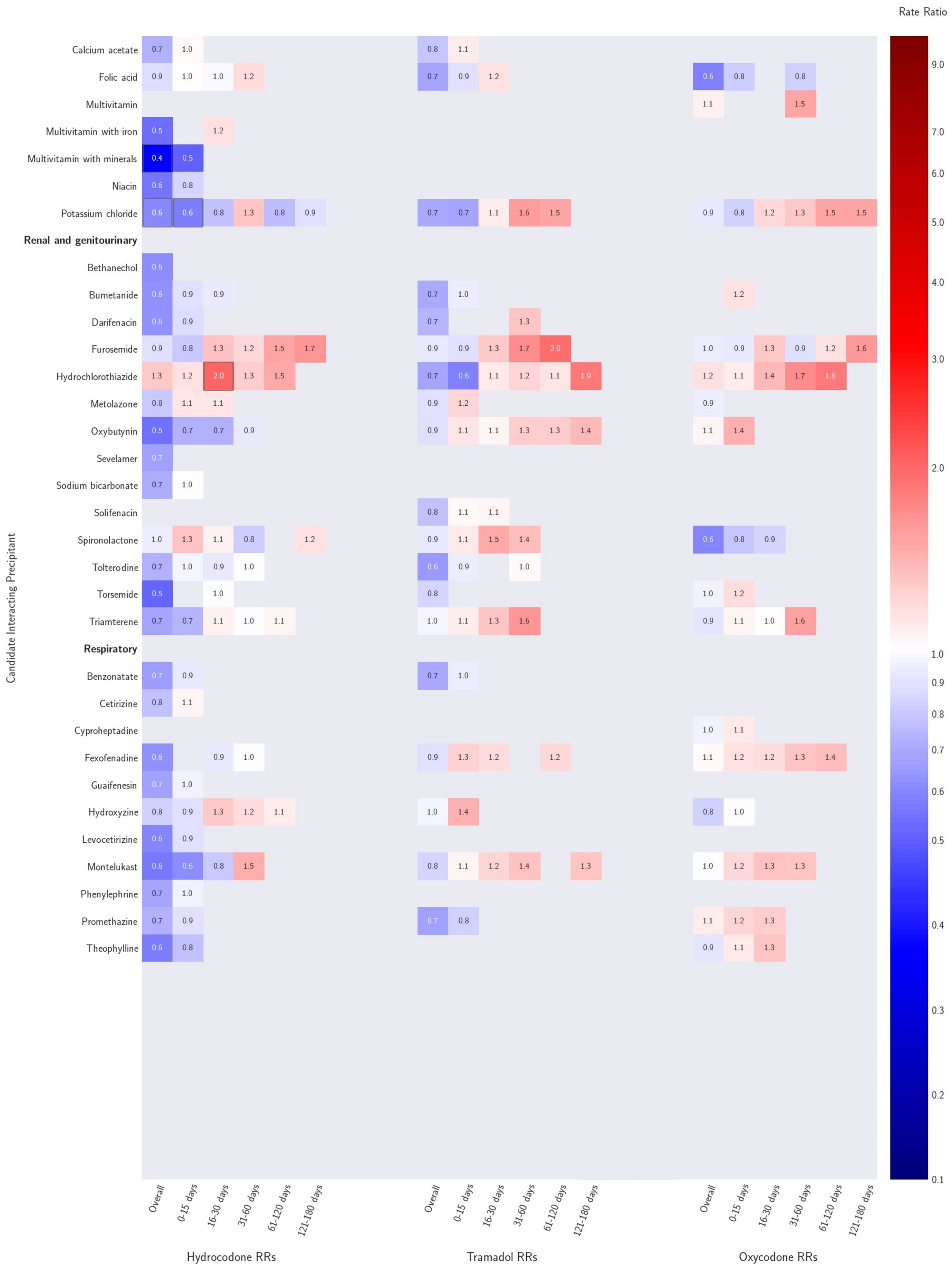
0.5
0.4
0.3
0.2
0.1
Candidate Interacting Precipitant
Megestrol
Metformin
Methimazole
Methylprednisolone
Pioglitazone
Prednisone
Raloxifene
Risedronate
Rosiglitazone
Sitagliptin
Thyroid desiccated
Gastrointestinal
Atropine
Cimetidine
Dexlansoprazole
Dicyclomine
Diphenoxylate
Esomeprazole
Famotidine
Hyoscyamine
Lactulose
Lansoprazole
Loperamide
Lubiprostone
Mesalamine
Metoclopramide
Misoprostol
Omeprazole
Pancrelipase
Pantoprazole
Polyethylene glycol 3350
Rabeprazole
Ranitidine
Sucralfate
Hematological
Cilostazol
Clopidogrel
Dabigatran
Dipyridamole
Rivaroxaban
Warfarin
Nutrients and nutritional
Overall
0-15 days
16-30 days
31-60 days
61-120 days
121-180 days
Hydrocodone RRs
Tramadol RRs
Oxycodone RRs


Rate Ratio
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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
Calcium acetate
Folic acid
Multivitamin
Multivitamin with iron
Multivitamin with minerals
Niacin
Potassium chloride
Renal and genitourinary
Bethanechol
Bumetanide
Darifenacin
Furosemide
Hydrochlorothiazide
Metolazone
Oxybutynin
Sevelamer
Sodium bicarbonate
Solifenacin
Spironolactone
Tolterodine
Torsemide
Triamterene
Respiratory
Benzonatate
Cetirizine
Cyproheptadine
Fexofenadine
Guaifenesin
Hydroxyzine
Levocetirizine
Montelukast
Phenylephrine
Promethazine
Theophylline
Overall
0-15 days
16-30 days
31-60 days
61-120 days
121-180 days
Hydrocodone RRs
Tramadol RRs
Oxycodone RRs