

'Ground truth' for Monitoring Health Outcomes of Interest

Outcome	ACE Inhibitors	Amphotericin B	Antibiotics: erythromycins, sulfonamides, tetracyclines	Antiepileptics: carbamazepine, phenytoin	Benzodiazepines	Beta blockers	Bisphosphonates: alendronate	Tricyclic antidepressants	Typical antipsychotics	Warfarin
Angioedema	True positive' risk	Negative control'		Negative control'	Negative control'	Negative control'				Negative control'
Aplastic Anemia	Negative control'	Negative control'	Negative control'	True positive' risk	Negative control'	Negative control'	Negative control'	Negative control'		Negative control'
Acute Liver Injury		Negative control'	True positive' risk		Negative control'	Negative control'	Negative control'	Negative control'		
Bleeding			Negative control'				Negative control'			True positive' risk
Hip Fracture	Negative control'	Negative control'			True positive' risk	Negative control'				Negative control'
Hospitalization	True positive' benefit									
Myocardial Infarction			Negative control'		Negative control'		Negative control'	True positive' risk	True positive' risk	
Mortality after MI		Negative control'		Negative control'		True positive' benefit				Negative control'
Renal Failure		True positive' risk	Negative control'			Negative control'	Negative control'	Negative control'		Negative control'
GI Ulcer Hospitalization	Negative control'			Negative control'		Negative control'	True positive' risk		Negative control'	

Legend	Total
True positive' benefit	2
True positive' risk	9
Negative control'	44