

Supplementary table 1. Categories of drugs with the respective WHO ATC codes.

Group	ATC	Segment	Details
Antidepressants and anxiolytics for anxiety and/or depression indication	N05BA	Anxiolytics	Benzodiazepine derivates
	N05BD	Anxiolytics	Dibenzo-bicyclo-octadiene derivatives
	N05BE	Anxiolytics	Azaspirodecanedione derivatives
	N06A	Antidepressants	
	N06CA	Antidepressants	Antidepressants in combination with psycholeptics
Oral antidiabetics	A10B	Blood glucose lowering drugs excl. insulins	
Dermatologicals	D02	Emollients and protectives	
	D04	Antipruritics	
	D05	Antipsoriatics	
	D07	Dermatological corticosteroids	
	D11	Other dermatological preparations	
Hypercholesterolemia	C10AA	HMG CoA reductase inhibitors	Statins
Antirheumatics	A07EC01	DMARDS	Sulfasalazine
	L04AA13	DMARDS	Leflunomide
	L04AB01	DMARDS	Etanercept
	L04AB02	DMARDS	Infliximab
	L04AB03	DMARDS	Afelimumab
	L04AB04	DMARDS	Adalimumab
	L04AB05	DMARDS	Certolizumab pegol
	L04AB06	DMARDS	Golimumab
	P01BA02	DMARDS	Hydroxychloroquine
COPD medication	H02AB02	Oral glucocorticoids	Dexamethasone
	H02AB06	Oral glucocorticoids	Prednisolone
	H02AB07	Oral glucocorticoids	Prednisone
	R03AC12	Selective beta-2-adrenoreceptor agonists	Salmeterol
	R03AC13	Selective beta-2-adrenoreceptor agonists	Formoterol
	R03AC18	Selective beta-2-adrenoreceptor agonists	Indacaterol

	R03AC19	Selective beta-2-adrenoreceptor agonists	Olodaterol
	R03AK06	Adrenergics in combination with corticosteroids or other drugs, excl. anticholinergics	Salmeterol and fluticasone
	R03AK07	Adrenergics in combination with corticosteroids or other drugs, excl. anticholinergics	Formoterol with budesonide
	R03AK08	Adrenergics in combination with corticosteroids or other drugs, excl. anticholinergics	Formoterol with beclometasone
	R03AK09	Adrenergics in combination with corticosteroids or other drugs, excl. anticholinergics	Formoterol with mometasone
	R03AK10	Adrenergics in combination with corticosteroids or other drugs, excl. anticholinergics	Vilanterol and fluticasone furoate
	R03AK11	Adrenergics in combination with corticosteroids or other drugs, excl. anticholinergics	Formoterol and fluticasone
	R03AL03	Adrenergics in combination with anticholinergics incl. triple combinations with corticosteroids	Vilanterol and umeclidinium bromide
	R03AL04	Adrenergics in combination with anticholinergics incl. triple combinations with corticosteroids	Indacaterol and glycopyrronium bromide
	R03AL05	Adrenergics in combination with anticholinergics incl. triple combinations with corticosteroids	Formoterol and aclidinium bromide
	R03AL06	Adrenergics in combination with anticholinergics incl. triple combinations with corticosteroids	Olodaterol and tiotropium bromide

R03AL08	Adrenergics in combination with anticholinergics incl. triple combinations with corticosteroids	Vilanterol, umeclidinium bromide and fluticasone furoate
R03AL09	Adrenergics in combination with anticholinergics incl. triple combinations with corticosteroids	Formoterol, glycopyrronium bromide and beclometasone
R03BA01	Glucocorticoids	Beclometasone
R03BA02	Glucocorticoids	Budesonide
R03BA03	Glucocorticoids	Flunisolide
R03BA04	Glucocorticoids	Betamethasone
R03BA05	Glucocorticoids	Fluticasone
R03BA06	Glucocorticoids	Triamcinolone
R03BA07	Glucocorticoids	Mometasone
R03BA08	Glucocorticoids	Ciclesonide
R03BA09	Glucocorticoids	Fluticasone furoate
R03BB04	Anticholinergics	Tiotropium bromide
R03BB05	Anticholinergics	Acridinium bromide
R03BB06	Anticholinergics	Glycopyrronium bromide
R03BB07	Anticholinergics	Umeclidinium bromide