

Supplementary Data File

Supplementary Data 1-1

Variable	Cases (n = 97)	Percentage (%)
Gender		
Male (average age)	21 (53.9 ± 13.7)	21.6
Female (average age)	76 (52.6 ± 13.2)	78.4
Average age	52.9 ± 13.2	
Age range		
20-29	4	4.1
30-39	14	14.4
40-49	19	19.6
50-59	22	22.7
60-69	34	35.1
70-79	4	4.1
Average confirmed age	44.4 ± 13.5	
Confirmed age range		
10-19	5	5.2
20-29	13	13.4
30-39	15	15.5
40-49	21	21.6
50-59	30	30.9
60-69	13	13.4

Supplementary Data 1-2
TRADES-UD score and diagnosed diseases of recruited depressive patients

Variable	Cases (n = 97)	Percentage (%)	
TRADES-UD score			
0	5	5.2	
1	10	10.3	
2	13	13.4	
3	14	14.4	
4	13	13.4	
5	13	13.4	
6	5	5.2	
7	8	8.2	
8	5	5.2	
9	4	4.1	
10	4	4.1	
11	1	1.0	
12	1	1.0	
13	1	1.0	
14	0	0	
15	0	0	
Disease status			
Remission	11	11.3	
Comorbidity	62	63.9	
Other psychosis	43	69.4	
GAD		30	69.8
Panic disorder		12	27.9
Sleep disorder	17	27.4	
Diabetes	8	12.9	
Hypertension	10	16.1	
Hyperlipidemia	2	3.2	
Heart disease	4	6.5	
Thyroid disease	3	4.8	

Abbreviation: BDI-II, Beck Depression Inventory II; TRADES-UD, Treatment Resistance to Antidepressants Evaluation Scale for Unipolar Depression; GAD, generalized anxiety disorder

Supplementary Data 2

The prescription patterns of depression patients who have been treated with SSRI

Total n = 59	SE n (%)	UE n (%)	SD n (%)	UD n (%)	Number of patients who have used the drug
Number of patients	22	8	11	18	
Escitalopram	4 (18.2)*	3 (37.5)		1 (5.6)	8
Fluoxetine	5 (22.7)	1 (12.5)	5 (45.5)	2 (11.1)	13
Fluvoxamine	1 (4.5)		2 (18.2)	7 (38.9)	10
Paroxetine	6 (27.3)	2 (25.0)	2 (18.2)		10
Sertraline	7 (31.8)**	4 (50.0)*	5 (45.5)	13 (72.2)*	29

*1 patient remitted; **2 patients remitted

Abbreviation: SSRI, selective serotonin reuptake inhibitors; SE, stable/easy-to-treat; UE, unstable/easy-to-treat; SD, stable/difficult-to-treat; UD, unstable/difficult-to-treat

Supplementary Data 3

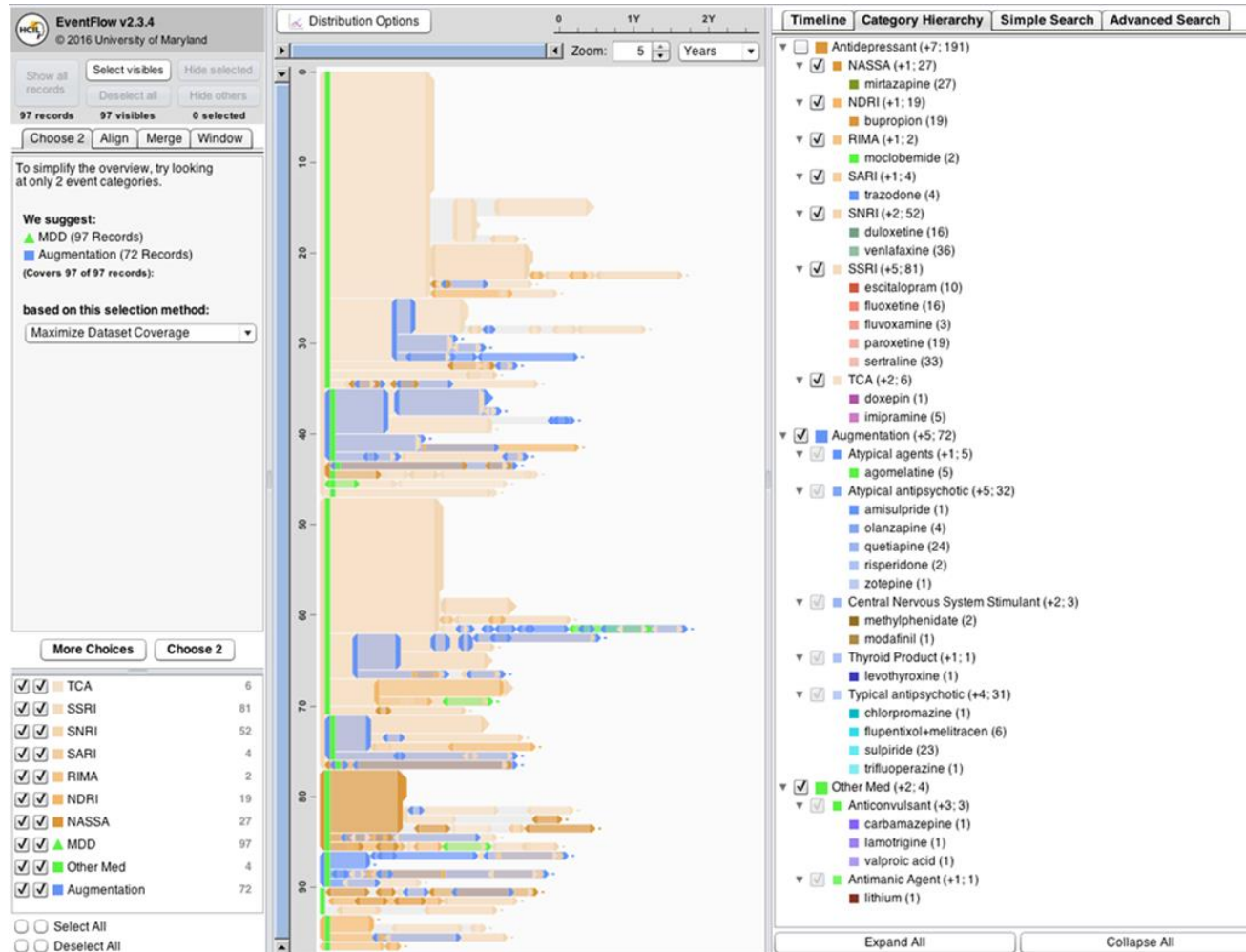
The prescription patterns of depression patients who have been treated with SNRI

Total n = 44	SE n (%)	UE n (%)	SD n (%)	UD n (%)	Number of patients who have used the drug
Number of patients	16	6	7	15	
Duloxetine	6 (37.5)*	0 (0)	3 (42.9)	6 (40.0)	15
Venlafaxine	10 (62.5)	6 (100)**	5 (71.4)	12 (80.0)	33

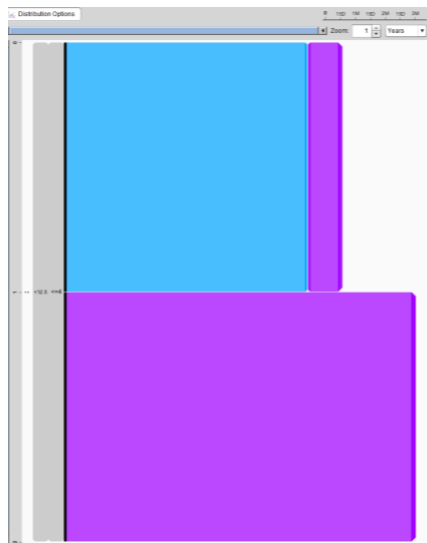
*1 patient remitted; **2 patients remitted

Abbreviation: SNRI, serotonin-norepinephrine reuptake inhibitors; SE, stable/easy-to-treat; UE, unstable/easy-to-treat; SD, stable/difficult-to-treat; UD, unstable/difficult-to-treat

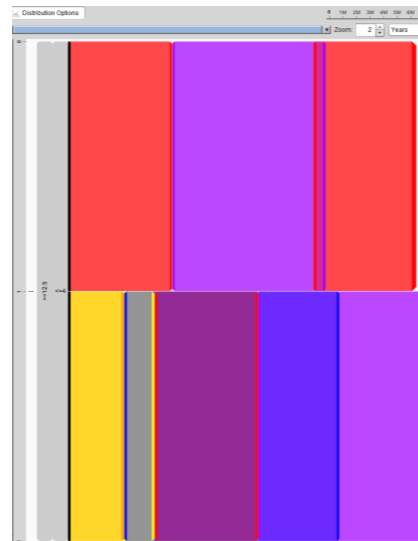
Supplementary Data 4



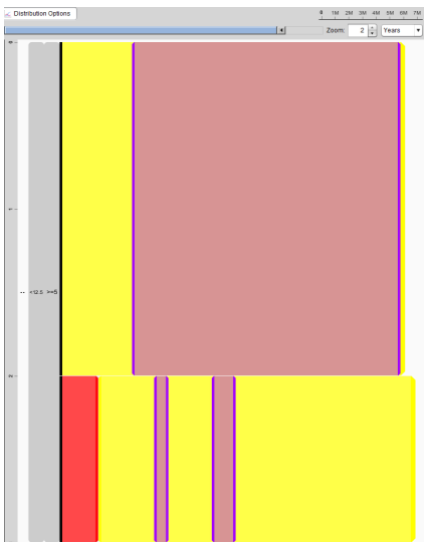
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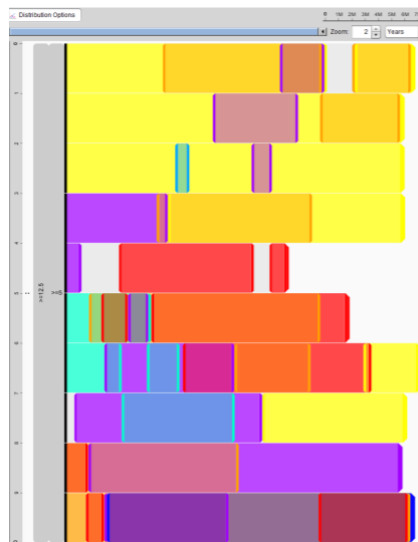
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(C)



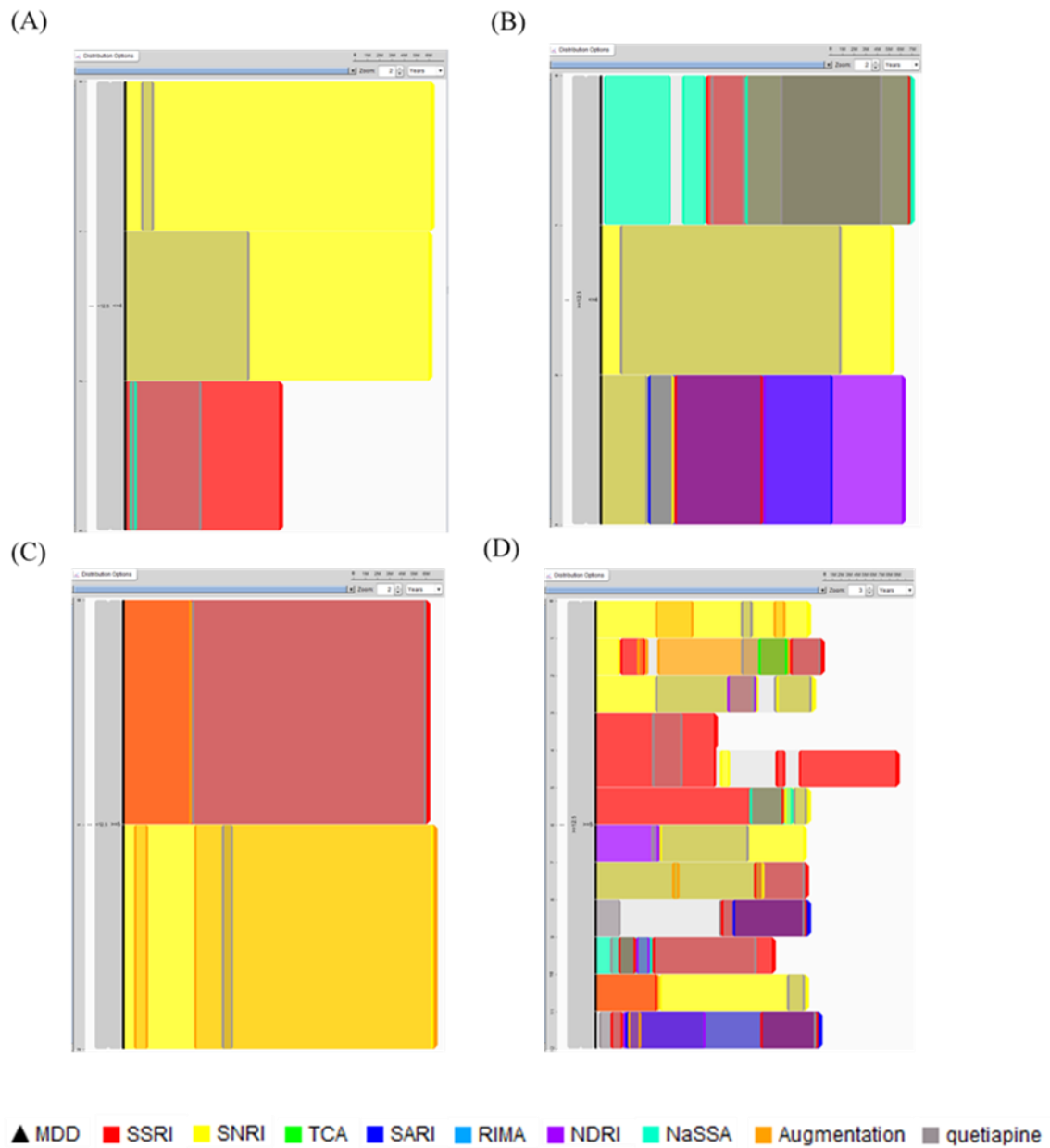
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▲ MDD ■ SSRI ■ SNRI ■ TCA ■ SARI ■ RIMA ■ NDRI ■ NaSSA ■ Augmentation

Supplementary Data 5

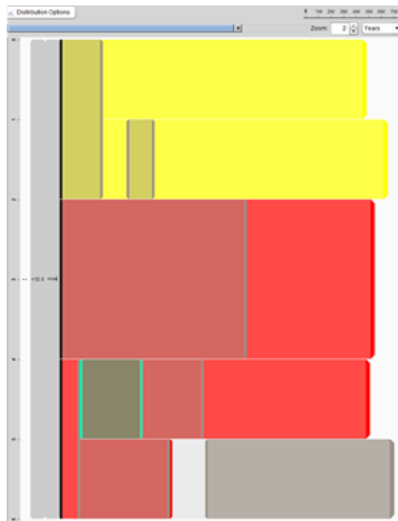
The prescription visualization patterns of 17 depression patients who have been treated with NDRI. (A) 2 patients in SE subgroup; (B) 2 patients in UE subgroup; (C) 3 patients in SD subgroup; (D) 10 patients in UD subgroup



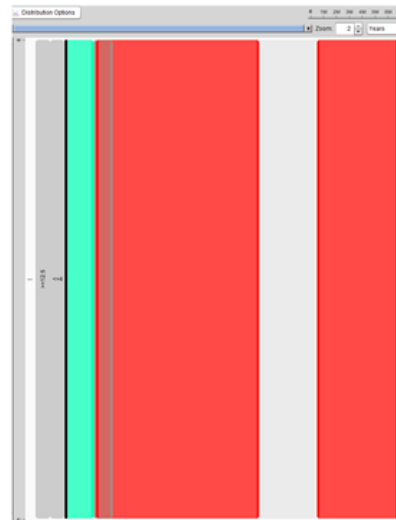
Supplementary Data 6

The prescription visualization patterns of 20 depression patients who have been treated with Quetiapine. (A) 3 patients in SE subgroup; (B) 3 patients in UE subgroup; (C) 2 patients in SD subgroup; (D) 12 patients in UD subgroup

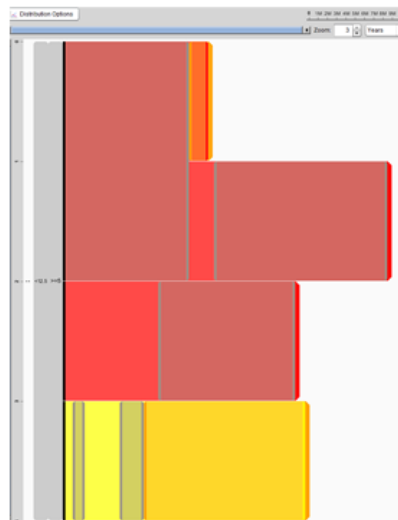
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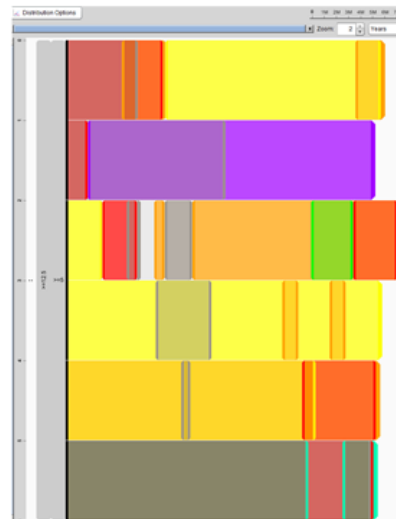
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(C)



(D)



▲ MDD ■ SSRI ■ SNRI ■ TCA ■ SARI ■ RIMA ■ NDRI ■ NaSSA ■ Augmentation ■ sulpiride

Supplementary Data 7

The prescription visualization patterns of 17 depression patients who have been treated with Sulpiride. (A) 6 patients in SE subgroup; (B) 1 patient in UE subgroup; (C) 4 patients in SD subgroup; (D) 6 patients in UD subgroup

Supplementary Data 8

Total patients scored after study period (n = 82)	SE n (%)	UE n (%)	SD n (%)	UD n (%)
Number of patients	36	9	14	23
BDI-II				
0-16 (normal)	23 (63.9)	8 (88.9)	2 (14.3)	9 (39.1)
17-22 (mild)	6 (16.7)	1 (11.1)	0 (0.0)	1 (4.3)
23-30 (moderate)	3 (8.3)	0 (0.0)	6 (42.9)	3 (13.0)
31-63 (sever)	4 (11.1)	0 (0.0)	6 (42.9)	10 (43.5)
Mean score	13.4 ± 12.7	6.8 ± 5.5	28.0 ± 13.1	25.4 ± 14.3
Abbreviation: BDI-II, Beck Depression Inventory II; SE, stable/easy-to-treat; UE, unstable/easy-to-treat; SD, stable/difficult-to-treat; UD, unstable/difficult-to-treat				