

Supplemental Table 3. Trends in maternal exposure observed in longitudinal studies

Drug	PMID	number of subjects	number of time points throughout pregnancy	Trend through out pregnancy	Trend compared to delivery	Trend compared to postpartum or non-pregnant	Comments
Sertraline	11082480	1	1	-	higher	-	
	18426260	6	3	no trend	higher	higher	
	19011433	6	2	decrease#	-	lower#	
	28708853	34	3	increase*	-	higher*	
	33253437	24	1	-	higher	-	
	33751155	9	2	increase	no trend	lower	
	36094046	47	9	no trend	-	lower*	
36103361	11	3	no trend	-	lower		
Fluoxetine	12709723	11	1	-	-	lower*	
	16433870	9	1	-	higher†	-	
	20631556	17	3	decrease# for Racemic and S-FLX; decrease* for R-FLX	higher#	lower*	
	28708853	41	3	decrease#	-	lower#	
Paroxetine	15003078	33	1	-	higher†	-	
	19743889	74	3	decrease* in CYP2D6 EM; increase* in IM/PM	-	-	
	28708853	19	3	decrease*	-	lower*	
Citalopram	12189365	11	3	no trend	lower	lower	
	18426260	3	3	decrease	higher	lower at 2 weeks postpartum, no trend at 12 weeks postpartum	
	28708853	58	3	decrease*	-	lower*	
	36103361	4	3	increase	-	lower	
Escitalopram	18426260	2	3	no trend	no trend	lower at 2w pp, no trend at 12w pp	
	28708853	95	3	increase#	-	higher#	
	33253437	7	1	-	higher	-	
	36103361	8	3	decrease	-	lower	
Fluvoxamine	11082480	1	1	-	higher	-	
	28708853	3	3	decrease*	-	lower*	
Venlafaxine	18004149	1	3	increase	-	lower	elimination half life decreased during pregnancy and normalized at 6months postpartum
	24989434	7	3	decrease*	-	lower	
	28708853	33	3	decrease#	-	lower#	
	33253437	7	1	-	higher	-	
	36103361	8	2	decrease	-	lower	
Duloxetine	36103361	1	2	decrease	-	-	
Trazodone	18004149	1	3	no trend	-	-	elimination half life increased slightly during pregnancy
Clomipramine	8379562	1	1	-	-	lower	C/D ratio of clomipramine plus desclomipramine
	26416100	12	3	decrease#	-	no trend	
	36103361	4	2	decrease	-	no trend	
Nortriptyline	8379562	6	1	-	-	lower	1.58-fold higher doses were required during pregnancy
	8834425	1	3	no trend	-	lower	
	24668283	1	3	no trend	-	lower	
Imipramine	8379562	1	1	-	-	lower	
	8834425	1	3	no trend	-	lower	
Amitriptyline	36103361	16	3	decrease	-	lower	
Mirtazapine	36103361	11	3	no trend	-	lower	
Bupropion	27528039	28	2	decrease#†	-	lower#†	Clearance decreased during pregnancy but was higher at postpartum
	33814540	8	2	no trend	-	no trend	

*significantly different
#not significant
†dose not normalized