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## **Supplementary Material**

**Article Title:** The Association Between Comorbid Autism Spectrum Disorders and Antipsychotic Treatment Failure in Early-Onset Psychosis: A Historical Cohort Study Using Electronic Health Records

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1. [eTable 1](#) Reasons for multiple treatment failure (MTF) in young people with first-episode psychosis, with and without co-morbid autism spectrum disorder

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**Supplementary eTable 1. Reasons for multiple treatment failure (MTF) in young people with first-episode psychosis, with and without co-morbid autism spectrum disorder**

Reasons for MTF <sup>a</sup>	n (%) of individuals <sup>b</sup>	
	No Autism Spectrum Disorder (n=65)	Autism Spectrum Disorder (n=21)
Persistent insufficient response	7 (10.8)	6 (28.6)
Persistent adverse effects	15 (23.1)	4 (19.1)
Persistent non-adherence	5 (7.7)	0 (0)
Variability in reasons		
• Insufficient response and adverse effects	18 (27.7)	10 (47.6)
• Insufficient response and adherence	6 (9.2)	0 (0)
• Adverse effects and adherence	14 (21.5)	1 (4.8)

<sup>a</sup> Comparison in reasons for MTF between No Autism Spectrum Disorder (no ASD) and ASD groups;  $\chi^2 = 11.1$ ,  $df=5$ ,  $p=0.05$

<sup>b</sup> In all cells, % refers to percentages (within columns) of individuals for whom information on main reason of discontinuation was available. Excluded due to no reason ' or 'other reason' ascertained were: No ASD group n=26 (28%); ASD group n=12 (36%)