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I am going to present the final version of the project that is going in the manuscript – if Stephanie agrees. If we were to do this project over again, perhaps we would have looked at response as an outcome, instead of a cross sectional study of methylation status.

So real-world observations studies are important to understand the long-term efficacy of AP. Usually these studies have longer follow-up periods compared to RCTs, and reflect a more accurate reflection of clinical practice. This is also a challenge as one study found that risperidone monotherapy had the highest txt discontinuation rate (TDR) and the shortest time to discontinuation (TTD), and olanzapine monotherapy was superior to polypharmacy in terms of long-term efficacy.

- Focus on response, rather than cross-sectional methylation status

- Real-world studies are also challenging - most are short term

- Median study duration 6 weeks, maximum 13 weeks (PMID:37159349)

- Treatment discontinuation rate (TDR) lower for monotherapy vs polypharmacy

- Risperidone highest TDR and shortest Time to discontinuation (TTD) (PMID:

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Acknowledgements