

This is a repository copy of Associations between risk factors for schizophrenia and concordance in four monozygotic twin samples.

White Rose Research Online URL for this paper: http://eprints.whiterose.ac.uk/133440/

Version: Accepted Version

## **Article:**

Pepper, EJ, Pathmanathan, S, McIlrae, S et al. (2 more authors) (2018) Associations between risk factors for schizophrenia and concordance in four monozygotic twin samples. American Journal of Medical Genetics, Part B, Neuropsychiatric Genetics, 177 (5). pp. 503-510. ISSN 1552-4841

https://doi.org/10.1002/ajmg.b.32640

(c) 2018 Wiley periodicals, Inc. This is the peer reviewed version of the following article: Pepper, EJ, Pathmanathan, S, McIlrae, S et al. (2 more authors) (2018) Associations between risk factors for schizophrenia and concordance in four monozygotic twin samples. American Journal of Medical Genetics, Part B, Neuropsychiatric Genetics, 177 (5). pp. 503-510. ISSN 1552-4841, which has been published in final form at https://doi.org/10.1002/ajmg.b.32640. This article may be used for non-commercial purposes in accordance with Wiley Terms and Conditions for Use of Self-Archived Versions.

## Reuse

Items deposited in White Rose Research Online are protected by copyright, with all rights reserved unless indicated otherwise. They may be downloaded and/or printed for private study, or other acts as permitted by national copyright laws. The publisher or other rights holders may allow further reproduction and re-use of the full text version. This is indicated by the licence information on the White Rose Research Online record for the item.

## **Takedown**

If you consider content in White Rose Research Online to be in breach of UK law, please notify us by emailing eprints@whiterose.ac.uk including the URL of the record and the reason for the withdrawal request.



TABLE 4 Age at onset of probands in twin pairs concordant and discordant for DSM schizophrenia

Sample	Twin pairs concordant for DSM schizophrenia		Twin pairs discordant for DSM schizophrenia		t-test		
	n .	Mean (S.D.)	n .	Mean (S.D.)	t	df	p-value
Maudsley register	20	21.5 years (5.2)	27	27.6 years (10.9)	-2.308	45	0.026*
Slater & Shields	13	25.4 years (5.3)	10	35.6 years (9.2)	-3.35	21	0.003*
Fischer	7	31.3 years (5.7)	17	33.7 years (10.1)	-0.593	22	0.56
Kringlen	16	27.9 years (8.6)	24	26.0 years (8.2)	0.712	38	0.48
Samples combined	56	25.4 years (7.1)	78	29.4 years (10.3)	-2.517	132	0.013*

<sup>\*</sup>p<0.05, two-tailed.