Diseases	pvalue	without me	nopause	pvalue	with me	nopause
all-cause dementia	1.5e-01	_	•	5.5e-01	_	•
delirium	4.8e-04		•	5.8e-01		•
depressive episode	4.5e-02		•	1.4e-01		•
personality disorders	8.8e-01			8.9e-01		•
Odds	ratio 0	.8 0.9	1 1.1	_	0.8 0.9	1 1.1

Extended fig 2. The difference of RA with or without menopause. Logistic regression results showed the neuropsychiatric effect in female RA patients without menopause. The estimate of logistic regression model represented the odds ratio for these diseases (covariates adjustments: age, blood pressure, education, ever used hormone-replacement therapy (HRT)).