

**Supplementary material for:**

Amygdala-orbitofrontal structural and functional connectivity in females with anxiety disorders, with and without a history of conduct disorder

Philip Lindner<sup>1,2,3\*</sup>

Pär Flodin<sup>4,5</sup>

Peter Larm<sup>6</sup>

Meenal Budhiraja<sup>1</sup>

Ivanka Savic-Berglund<sup>7,8</sup>

Jussi Jokinen<sup>1,9</sup>

Jari Tiihonen<sup>1,10</sup>

Sheilagh Hodgins<sup>1,11</sup>

<sup>1</sup>Department of Clinical Neuroscience, Karolinska Institutet, Stockholm, Sweden

<sup>2</sup>Stockholm Center for Dependence Disorders, Stockholm County Council, Stockholm, Sweden

<sup>3</sup>Department of Psychology, Stockholm University, Stockholm, Sweden

<sup>4</sup>Umeå Center for Functional Brain Imaging, Umeå University, Umeå, Sweden

<sup>5</sup>Center for Aging and Demographic Research, Umeå University, Umeå, Sweden

<sup>6</sup>Centre for Clinical Research, Uppsala University, Sweden

<sup>7</sup>Department of Women's and Children's Health, Karolinska Institutet, Stockholm, Sweden

<sup>8</sup>Neurology Clinic, Karolinska University Hospital, Huddinge, Sweden

<sup>9</sup>Department of Clinical Sciences, Umeå University, Umeå, Sweden

<sup>10</sup>Department of Forensic Psychiatry, University of Eastern Finland, Niuvanniemi Hospital,  
Kuopio, Finland

<sup>11</sup>Département de Psychiatrie, Université de Montréal, Montréal, QC, Canada

**\*Corresponding author:**

Philip Lindner

Frescati Hagväg 8, 114 19, Stockholm, Sweden

[philip.lindner@psychology.su.se](mailto:philip.lindner@psychology.su.se)

+46 70 452 25 87

**Supplementary Table S1. Frequency of anxiety disorders**

Disorder	AD-only group (n=30)		AD+CD group (n=23)		Fisher exact statistic	
	Lifetime	Current	Lifetime	Current	Lifetime	Current
Agoraphobia	3%	0%	9%	4%	p=.57	p=.43
Generalized anxiety disorder	7%	7%	9%	9%	p=1	p=1
Obsessive compulsive disorder	10%	0%	26%	9%	p=.15	p=.18
Panic disorder	33%	3%	43%	13%	p=.57	p=.31
Post-traumatic stress disorder	17%	3%	26%	0%	p=.5	p=1
Social anxiety disorder	50%	3%	35%	9%	p=.4	p=.57
Specific phobia	33%	7%	61%	22%	p=.06	p=.22
Substance-induced anxiety disorder	7%	0%	4%	0%	p=1	NA
Anxiety disorder not otherwise specified	20%	0%	26%	4%	p=.74	p=.43
Anxiety disorder due to somatic illness	0%	0%	0%	0%	NA	NA
More than one anxiety disorder	43%	0%	65%	9%	p=.17	p=.18

More than two anxiety disorders	27%	0%	35%	9%	p=.56	p=.18
More than three anxiety disorders	7%	0%	26%	9%	p=.06	p=.18