

**Supplementary Table S1 - Main cerebral areas involved in GAD**

**1) STRUCTURAL FINDINGS**

Cerebral region	Main findings from original studies			DTI and DWI findings
	Increased volume	Decreased volume	No differences	
Amygdala	- De Bellis et al. 2000 - Schienle et al. 2011 - Etkin et al. 2009	- Milham et al. 2005	- Mohlman et al. 2009	- Zhang et al. 2013 (increased FA in right amygdala)
Cingulate cortex	- Strawn et al. 2015 - Liao et al. 2014	- Strawn et al. 2013		- Zhang et al. 2013 (decreased FA in caudal and medial cingulate)
Prefrontal cortex	- Cha et al. 2014b	- Hilbert et al. 2015 - Moon et al. 2016 - Moon et al. 2015 - Strawn et al. 2015 - Moon et al. 2016 - Moon et al. 2016	- Mohlman et al. 2009	
Parietal areas	- Strawn et al. 2013 - De Bellis et al. 2002	- Makovac et al. 2016 - Moon et al. 2014		- Zhang et al. 2011 (increased FA in postcentral gyrus) - Brambilla et al. 2011 (increased ADC in parietal cortex and splenium)

Other regions	<ul style="list-style-type: none"> <li>- Hilbert et al. 2015</li> <li>- Liao et al. 2013</li> <li>- Liao et al. 2014</li> <li>- Molent et al. 2017</li> </ul>	<ul style="list-style-type: none"> <li>- Moon et al. 2014</li> <li>- Moon et al. 2016</li> <li>- Moon et al. 2016</li> <li>- Moon et al. 2015</li> <li>- Moon et al. 2015</li> <li>- Strawn et al. 2015</li> <li>- Cha et al. 2016</li> <li>- Wang et al. 2016</li> <li>- Makovac et al. 2016</li> <li>- Molent et al. 2017</li> </ul>	<ul style="list-style-type: none"> <li>- Wang et al. 2016</li> <li>- Liao et al. 2014</li> </ul>
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**2) ACTIVATION FINDINGS**

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Cerebral region	Main findings from original studies				
	Decreased activation	Increased activation	Increased connectivity	Decreased connectivity	No differences
Amygdala					
Bilateral	<ul style="list-style-type: none"> <li>- Fonzo et al. 2014</li> <li>- Yassa et al. 2012</li> <li>- Liu et al. 2015</li> <li>- Blair et al. 2012</li> <li>- Carlson et al. 2017</li> <li>- Brown et al. 2015</li> </ul>	<ul style="list-style-type: none"> <li>- Krain et al. 2008</li> <li>- Etkin &amp; Schatzberg 2011</li> <li>- Nitschke et al. 2009</li> <li>- Hölzel et al. 2013</li> <li>- Park et al. 2015</li> <li>- Liu et al. 2015</li> <li>- Fonzo et al. 2014</li> <li>- Fitzgerald et al. 2017</li> <li>- Ellard et al. 2017</li> <li>- Mohlman et al. 2017</li> <li>- Li et al. 2016</li> <li>- Karim et al. 2016</li> <li>- Buff et al. 2017</li> <li>- Buff et al. 2017</li> </ul>	<ul style="list-style-type: none"> <li>- Etkin et al. 2009</li> <li>- Fonzo et al. 2014</li> <li>- Makovac et al. 2015</li> <li>- Buff et al. 2016</li> <li>- Mohlman et al. 2017</li> <li>- Qiao et al. 2017</li> <li>- Rabany et al. 2017</li> </ul>	<ul style="list-style-type: none"> <li>- Etkin et al. 2009</li> <li>- Roy et al. 2013</li> <li>- Hölzel et al. 2013</li> <li>- Makova et al. 2016</li> <li>- Li et al. 2016</li> </ul>	<ul style="list-style-type: none"> <li>- Palm et al. 2011</li> <li>- Whalen et al. 2008</li> <li>- Fonzo et al. 2014</li> </ul>
Right	<ul style="list-style-type: none"> <li>- Blair et al. 2008</li> </ul>	<ul style="list-style-type: none"> <li>- Thomas et al. 2001</li> <li>- Monk et al. 2008</li> </ul>	<ul style="list-style-type: none"> <li>- Meeten et al. 2016</li> </ul>	<ul style="list-style-type: none"> <li>- Strawn et al. 2012</li> <li>- Makovac et al. 2016</li> </ul>	

		- McClure et al. 2007		
Left			- Strawn et al. 2012	
ACC	- Palm, Elliott et al. 2011 - Fonzo et al. 2014 - Ball et al. 2013 - Diwadkar et al. 2017 - Burkhouse et al. 2016 - Xia et al. 2017 - Buff et al. 2017	- Nitschke et al. 2009 - Krain et al. 2008 - Etkin & Schatzberg 2011 - Paulesu et al. 2010 - Park et al 2015 - Ellard et al 2017 - Buff et al 2016 - McClure et al. 2007 - Burkhouse et al. 2018 - Moon et al., 2015	- Etkin et al. 2009 - Wang et al. 2016	- Whalen et al. 2008 - Etkin et al. 2010
Prefrontal cortex	- Palm et al. 2011 - Greenberg et al. 2013 - Ball et al 2013 - Burkhouse et al. 2016 - Andreescu et al. 2011 - Karim et al. 2016 - Palm et al. 2011 - White et al. 2017	- Paulesu, et al. 2010 - Strawn et al. 2012 (left) - McClure et al. 2007 - Wang et al. 2016 - Buff et al. 2017 - Kujawa et al. 2016 - Ellard et al. 2017 - Park et al. 2015	- Etkin et al. 2009 - Cha et al. 2014b - Andreescu et al. 2014 - Buff et al. 2016	- Strawn et al. 2012 - Roy et al. 2013 - Strawn et al. 2012
VLPFC	- Diwadkar et al 2017 - MacNamara et al 2017 - Ball et al. 2013 - Liu et al. 2015 - Buff et al. 2017a - Hölzel et al. 2013	- Hölzel et al. 2013 - Monk et al. 2006 - Park et al 2015 - Strawn et al. 2012 - Maslowsky et al. 2010 - Kujawa et al. 2016 - Moon et al 2015 - Moon et al. 2017 - Park et al. 2015	- Mohlman et al. 2017 - Hölzel et al 2013	- Monk et al. 2008 - Ellard et al. 2017

		- Buff et al. 2016		
DLPFC	- Moon et al. 2017 - Moon et al. 2017 - Moon et al. 2016	- MacNamara et al 2017 - Park et al 2015 - Buff et al. 2016	- Mohlman et al. 2017 - Andreescu et al. 2014	- Buff et al. 2016
Other regions	- White et al. 2017 - Moon et al. 2017 - Moon et al. 2017 - Hoehn-Saric et al. 2004 - Karim et al. 2017 - Xia et al. 2017 - Moon et al., 2015 - Moon et al. 2016	- Park et al 2015 - Buff et al. 2016 - Blair et al. 2017 - Guyer et al. 2011 - Cha et al. 2014 - Moon et al. 2017 - Andreescu et al. 2014 - Karim et al. 2016 - Moon et al. 2015 - MacNamara et al. 2017 - Karim et al. 2017 - Buff et al. 2017 - Buff et al. 2017 - Moon et al. 2016	- Cui et al. 2016 - Cha et al. 2014 - Qiao et al. 2017	- Qiao et al. 2017

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ACC = anterior cingulate cortex; ADC = apparent diffusion coefficient; DLPFC = dorsolateral prefrontal cortex; DTI = diffusion tensor imaging; DWI = diffusion weighted imaging; FA = fractional anisotropy; VLPFC = ventrolateral prefrontal cortex.

For full information on the references cited in the supplementary tables, please refer to the main article (<http://dx.doi.org/10.1590/1516-4446-2018-0108>).