

Activations - *Beautiful* > *Baseline*

| x          | y          | z          | k <sub>E</sub> | T <sub>14</sub> | P <sub>FWE</sub>  |
|------------|------------|------------|----------------|-----------------|-------------------|
| <b>-36</b> | <b>-82</b> | <b>-8</b>  | <b>181</b>     | <b>14.90</b>    | <b>&lt; 0.001</b> |
| -30        | -88        | -8         |                | 14.79           | < 0.001           |
| <b>42</b>  | <b>-79</b> | <b>-11</b> | <b>300</b>     | <b>13.43</b>    | <b>&lt; 0.001</b> |
| 45         | -67        | -29        |                | 10.57           | 0.001             |
| 27         | -97        | 1          |                | 10.06           | 0.002             |
| <b>-48</b> | <b>47</b>  | <b>4</b>   | <b>76</b>      | <b>11.73</b>    | <b>&lt; 0.001</b> |
| <b>-48</b> | <b>-61</b> | <b>-11</b> | <b>97</b>      | <b>10.83</b>    | <b>0.001</b>      |
| -48        | -46        | -8         |                | 8.86            | 0.012             |
| -36        | -67        | -20        |                | 8.06            | 0.034             |
| <b>30</b>  | <b>-55</b> | <b>49</b>  | <b>21</b>      | <b>9.49</b>     | <b>0.005</b>      |
| <b>39</b>  | <b>-58</b> | <b>-14</b> | <b>25</b>      | <b>9.41</b>     | <b>0.006</b>      |
| 48         | -52        | -14        |                | 7.89            | 0.041             |
| <b>-30</b> | <b>-67</b> | <b>46</b>  | <b>13</b>      | <b>8.32</b>     | <b>0.025</b>      |

De-activations - *Beautiful* < *Baseline*

| x          | y          | z          | k <sub>E</sub> | T <sub>14</sub> | P <sub>FWE</sub>  |
|------------|------------|------------|----------------|-----------------|-------------------|
| <b>-15</b> | <b>-70</b> | <b>-2</b>  | <b>29</b>      | <b>14.99</b>    | <b>&lt; 0.001</b> |
| <b>57</b>  | <b>-16</b> | <b>-8</b>  | <b>59</b>      | <b>14.39</b>    | <b>&lt; 0.001</b> |
| <b>60</b>  | <b>5</b>   | <b>-23</b> | <b>70</b>      | <b>13.65</b>    | <b>&lt; 0.001</b> |
| 57         | -1         | -11        |                | 8.68            | 0.015             |
| <b>3</b>   | <b>32</b>  | <b>-2</b>  | <b>164</b>     | <b>12.95</b>    | <b>&lt; 0.001</b> |
| -6         | 23         | -11        |                | 11.06           | 0.001             |
| 9          | 53         | 1          |                | 10.93           | 0.001             |
| <b>3</b>   | <b>-55</b> | <b>25</b>  | <b>719</b>     | <b>12.77</b>    | <b>&lt; 0.001</b> |
| 12         | -73        | 28         |                | 12.67           | < 0.001           |
| -12        | -43        | 43         |                | 11.88           | < 0.001           |
| <b>60</b>  | <b>-52</b> | <b>16</b>  | <b>170</b>     | <b>11.46</b>    | <b>&lt; 0.001</b> |
| 63         | -34        | 16         |                | 9.91            | 0.003             |
| 57         | -37        | 4          |                | 9.10            | 0.009             |
| <b>-57</b> | <b>-4</b>  | <b>-17</b> | <b>32</b>      | <b>10.58</b>    | <b>0.001</b>      |
| <b>18</b>  | <b>50</b>  | <b>19</b>  | <b>12</b>      | <b>10.29</b>    | <b>0.002</b>      |
| <b>3</b>   | <b>-88</b> | <b>16</b>  | <b>11</b>      | <b>8.55</b>     | <b>0.018</b>      |
| 3          | -85        | 10         |                | 7.86            | 0.042             |
| <b>42</b>  | <b>-13</b> | <b>-8</b>  | <b>15</b>      | <b>8.51</b>     | <b>0.019</b>      |

Activations - *Neutral* > *Baseline*

| x          | y          | z          | k <sub>E</sub> | T <sub>14</sub> | P <sub>FWE</sub>  |
|------------|------------|------------|----------------|-----------------|-------------------|
| <b>-30</b> | <b>-91</b> | <b>-5</b>  | <b>202</b>     | <b>15.09</b>    | <b>&lt; 0.001</b> |
| -33        | -82        | -8         |                | 14.44           | < 0.001           |
| <b>42</b>  | <b>-79</b> | <b>-11</b> | <b>361</b>     | <b>14.75</b>    | <b>&lt; 0.001</b> |
| 45         | -49        | -11        |                | 12.02           | < 0.001           |
| 45         | -73        | -26        |                | 11.90           | < 0.001           |
| <b>-48</b> | <b>47</b>  | <b>4</b>   | <b>38</b>      | <b>13.54</b>    | <b>&lt; 0.001</b> |
| <b>-27</b> | <b>-67</b> | <b>55</b>  | <b>121</b>     | <b>11.40</b>    | <b>&lt; 0.001</b> |
| -30        | -52        | 55         |                | 10.97           | 0.001             |
| -27        | -67        | 37         |                | 8.97            | 0.010             |
| <b>-48</b> | <b>-61</b> | <b>-11</b> | <b>67</b>      | <b>11.27</b>    | <b>0.001</b>      |
| <b>30</b>  | <b>-70</b> | <b>-50</b> | <b>14</b>      | <b>10.98</b>    | <b>0.001</b>      |
| <b>6</b>   | <b>-79</b> | <b>-29</b> | <b>104</b>     | <b>10.03</b>    | <b>0.001</b>      |
| -9         | -76        | -26        |                | 9.96            | 0.003             |
| 12         | -76        | -41        |                | 8.70            | 0.014             |
| <b>-45</b> | <b>5</b>   | <b>37</b>  | <b>36</b>      | <b>9.94</b>     | <b>0.003</b>      |
| <b>-6</b>  | <b>20</b>  | <b>43</b>  | <b>10</b>      | <b>9.53</b>     | <b>0.005</b>      |
| <b>27</b>  | <b>-58</b> | <b>40</b>  | <b>23</b>      | <b>9.43</b>     | <b>0.005</b>      |
| 30         | -52        | 46         |                | 8.17            | 0.031             |

De-activations - *Neutral* < *Baseline*

| x          | y          | z          | k <sub>E</sub> | T <sub>14</sub> | P <sub>FWE</sub>  |
|------------|------------|------------|----------------|-----------------|-------------------|
| <b>-12</b> | <b>-46</b> | <b>43</b>  | <b>634</b>     | <b>14.58</b>    | <b>&lt; 0.001</b> |
| -6         | -49        | 25         |                | 12.77           | < 0.001           |
| 0          | -55        | 28         |                | 12.75           | < 0.001           |
| <b>60</b>  | <b>-52</b> | <b>16</b>  | <b>88</b>      | <b>14.11</b>    | <b>&lt; 0.001</b> |
| <b>-9</b>  | <b>47</b>  | <b>-5</b>  | <b>585</b>     | <b>13.40</b>    | <b>&lt; 0.001</b> |
| -9         | 38         | -2         |                | 12.92           | < 0.001           |
| 12         | 53         | -2         |                | 12.71           | < 0.001           |
| <b>-63</b> | <b>-4</b>  | <b>-17</b> | <b>31</b>      | <b>11.93</b>    | <b>&lt; 0.001</b> |
| <b>57</b>  | <b>-19</b> | <b>-8</b>  | <b>101</b>     | <b>10.74</b>    | <b>0.001</b>      |
| 54         | -7         | -20        |                | 10.50           | 0.001             |
| 60         | -1         | -20        |                | 10.47           | 0.002             |
| <b>9</b>   | <b>-91</b> | <b>16</b>  | <b>16</b>      | <b>9.40</b>     | <b>0.006</b>      |

Activations and de-activations for the categorical contrasts *Beautiful* and *Neutral* vs *Baseline*. SPM 2nd level analyses (15 subjects). One sample t-test (df = 14). All loci, in Montreal Neurological Institute (MNI) space, are significant at peak level, thresholded at  $P_{FWE} < 0.05$  with familywise error correction over the whole brain volume and with an extent threshold of 10 voxels. The peak activation in each cluster is shown in bold with the cluster size in voxels ( $k_E$ ) with up to two other peaks in the same cluster listed below.

**Activations - *Ugly* > *Baseline***

| <b>x</b>   | <b>y</b>   | <b>z</b>  | <b>k<sub>E</sub></b> | <b>T<sub>14</sub></b> | <b>P<sub>FWE</sub></b> |
|------------|------------|-----------|----------------------|-----------------------|------------------------|
| <b>-36</b> | <b>-79</b> | <b>-8</b> | <b>266</b>           | <b>15.36</b>          | <b>&lt; 0.001</b>      |
| -30        | -91        | -5        |                      | 15.26                 | < 0.001                |
| -48        | -61        | -8        |                      | 10.28                 | 0.002                  |
| <b>39</b>  | <b>-85</b> | <b>-8</b> | <b>280</b>           | <b>14.45</b>          | <b>&lt; 0.001</b>      |
| 42         | -61        | -11       |                      | 11.07                 | 0.001                  |
| 27         | -97        | 1         |                      | 10.70                 | 0.001                  |
| <b>-24</b> | <b>-67</b> | <b>55</b> | <b>37</b>            | <b>11.23</b>          | <b>0.001</b>           |
| -27        | -49        | 49        |                      | 10.98                 | 0.001                  |

**De-activations - *Ugly* < *Baseline***

| <b>x</b>   | <b>y</b>   | <b>z</b>   | <b>k<sub>E</sub></b> | <b>T<sub>14</sub></b> | <b>P<sub>FWE</sub></b> |
|------------|------------|------------|----------------------|-----------------------|------------------------|
| <b>63</b>  | <b>-46</b> | <b>16</b>  | <b>165</b>           | <b>14.87</b>          | <b>&lt; 0.001</b>      |
| 54         | -37        | 22         |                      | 9.36                  | 0.006                  |
| <b>6</b>   | <b>35</b>  | <b>-5</b>  | <b>249</b>           | <b>14.85</b>          | <b>&lt; 0.001</b>      |
| -6         | 35         | -2         |                      | 13.08                 | < 0.001                |
| -12        | 44         | -2         |                      | 11.49                 | < 0.001                |
| <b>60</b>  | <b>-19</b> | <b>-2</b>  | <b>255</b>           | <b>14.25</b>          | <b>&lt; 0.001</b>      |
| 54         | -4         | -20        |                      | 13.25                 | < 0.001                |
| 48         | -16        | -5         |                      | 13.00                 | < 0.001                |
| <b>-12</b> | <b>-40</b> | <b>49</b>  | <b>99</b>            | <b>12.86</b>          | <b>&lt; 0.001</b>      |
| -12        | -46        | 43         |                      | 10.65                 | 0.001                  |
| <b>12</b>  | <b>-40</b> | <b>43</b>  | <b>68</b>            | <b>12.26</b>          | <b>&lt; 0.001</b>      |
| 6          | -25        | 40         |                      | 8.87                  | 0.012                  |
| <b>12</b>  | <b>-73</b> | <b>31</b>  | <b>110</b>           | <b>10.39</b>          | <b>0.002</b>           |
| -9         | -67        | 25         |                      | 9.86                  | 0.003                  |
| -15        | -52        | 25         |                      | 9.80                  | 0.003                  |
| <b>-57</b> | <b>-4</b>  | <b>-17</b> | <b>16</b>            | <b>9.76</b>           | <b>0.004</b>           |
| <b>15</b>  | <b>-49</b> | <b>25</b>  | <b>10</b>            | <b>9.41</b>           | <b>0.006</b>           |

Activations and de-activations for the categorical contrast *Ugly* vs *Baseline*. SPM 2nd level analyses (15 subjects). One sample t-test (df = 14). All loci, in Montreal Neurological Institute (MNI) space, are significant at peak level, thresholded at  $P_{FWE} < 0.05$  with familywise error correction over the whole brain volume and with an extent threshold of 10 voxels. The peak activation in each cluster is shown in bold with the cluster size in voxels ( $k_E$ ) with up to two other peaks in the same cluster listed below.