

S3 Table. Meta factors data in “BW-dataset”.

| Studies of repeated measure in BW | Repeated measure analysis described? | Category | Year of publication | First 24 months' citations | Journal impact factor in 2016 | Journal impact factor in the published year | Guideline of journal reported? |
|-----------------------------------|--------------------------------------|----------|---------------------|----------------------------|-------------------------------|---|--------------------------------|
| Burdge et al., 2008 | yes | RMA-BW | 2008 | 4 | 3.71 | 2.76 | yes |
| Burdge et al., 2009 | yes | RMA-BW | 2009 | 35 | 4.14 | 3.79 | yes |
| Carlin et al., 2013 | yes | RMA-BW | 2013 | 12 | 2.81 | 3.53 | yes |
| Cho et al., 2013 | yes | RMA-BW | 2013 | 13 | 4.39 | 5.11 | yes |
| Cho et al., 2013 | yes | RMA-BW | 2013 | 6 | 5.49 | 5.39 | yes |
| Liu et al., 2014 | yes | RMA-BW | 2014 | 4 | 2.34 | 3.03 | yes |
| Jiang et al., 2014 | yes | RMA-BW | 2014 | 9 | 2.81 | 3.23 | yes |
| Ma et al., 2015 | yes | RMA-BW | 2015 | 3 | 2.05 | 2.38 | no |
| Pannia et al., 2015 | yes | RMA-BW | 2015 | 1 | 3.00 | 3.00 | yes |
| Ekambarma and Paul, 2001 | no | NoRMA-BW | 2001 | 0 | 1.34 | 0.91 | yes |
| Ekambaram et al., 2003 | no | NoRMA-BW | 2003 | 0 | 2.31 | 1.27 | yes |
| Farina et al., 2003 | no | NoRMA-BW | 2003 | 4 | 3.86 | 2.22 | yes |
| Joshi et al., 2004 | no | NoRMA-BW | 2004 | 2 | 3.42 | 1.96 | yes |
| Butenhoff et al., 2004 | no | NoRMA-BW | 2004 | 0 | 3.58 | 2.06 | yes |
| Beyrouthy and Chan, 2006 | no | NoRMA-BW | 2006 | 6 | 2.41 | 2.14 | yes |
| Field et al., 2006 | no | NoRMA-BW | 2006 | 0 | 4.52 | 2.94 | no |
| Jin et al., 2007 | no | NoRMA-BW | 2007 | 7 | 3.58 | 2.92 | yes |
| Niu et al., 2009 | no | NoRMA-BW | 2009 | 2 | 2.31 | 1.29 | yes |
| Cui et al., 2009 | no | NoRMA-BW | 2009 | 1 | 2.47 | 1.74 | no |
| Dong et al., 2009 | no | NoRMA-BW | 2009 | 6 | 2.47 | 1.74 | no |
| Dong et al., 2011 | no | NoRMA-BW | 2011 | 2 | 2.47 | 1.93 | yes |
| Sable et al., 2011 | no | NoRMA-BW | 2011 | 4 | 3.28 | 3.38 | no |
| Sable et al., 2012 | no | NoRMA-BW | 2012 | 8 | 3.28 | 3.12 | no |
| Chmurzynska et al., 2012 | no | NoRMA-BW | 2012 | 1 | 2.80 | 3.33 | yes |
| Dong et al., 2012 | no | NoRMA-BW | 2012 | 2 | 3.79 | 3.98 | yes |
| Salama et al., 2012 | no | NoRMA-BW | 2013 | 0 | 1.38 | 1.55 | yes |
| Giudicelli et al., 2013 | no | NoRMA-BW | 2013 | 2 | 2.81 | 3.53 | yes |
| Huang et al., 2014 | no | NoRMA-BW | 2014 | 12 | 3.23 | 2.86 | yes |
| Balaji et al., 2015 | no | NoRMA-BW | 2015 | 1 | 1.38 | 1.55 | yes |
| Sarkozi et al., 2015 | no | NoRMA-BW | 2015 | 1 | 1.49 | 1.58 | no |
| Bartos et al., 2015 | no | NoRMA-BW | 2015 | 2 | 2.34 | 2.46 | yes |