Figure 1. **Simplified directed acyclic graph (DAG) showing endocrine disrupting chemicals (EDCs), hit reaction time standard error (HRT-SE), and the glucocorticosteroids.**

Figure 2. **Marginal contrasts on the logarithmic scale for the effect of an increase from the 10th to the 90th percentile of the endocrine disrupting chemicals (EDCs) on hit reaction time standard error (HRT-SE) expressed in ms (HELIX subcohort; 2013-2016).** Circles indicate effect estimates. Solid lines indicate the CI. The size of the circles represents the S value of the effect estimate ([Rafi and Greenland, 2020](#ref-RafiGreenland:2020)).

Figure 3. **Marginal contrasts on the logarithmic scale for the effect of an increase from the 10th to the 90th percentile of the endocrine disrupting chemicals (EDCs) on the glucocorticosteroids expressed in ng/ml (HELIX subcohort; 2013-2016).** Circles, triangles, and squares indicate effect estimates. Solid lines indicate the CI. The size of the circles represents the S value of the effect estimate ([Rafi and Greenland, 2020](#ref-RafiGreenland:2020)).

Figure 4. **Marginal contrasts on the logarithmic scale for the effect of an increase from the 10th to the 90th percentile of the glucocorticosteroids on hit reaction time standard error (HRT-SE) expressed in ms, overall and by sex (HELIX subcohort; 2013-2016).** Circles indicate effect estimates. Solid lines indicate the CI. The size of the circles represents the S value of the effect estimate ([Rafi and Greenland, 2020](#ref-RafiGreenland:2020)). Abbreviations: cortisone production (cortisone prod.); cortisol production (cortisol prod.); corticost. prod. (corticosterone production).

Supplementary Figure 1. **Flowchart describing the sample size for each research question.**

Supplementary Figure 2. **Measurement classification of endocrine disrupting chemicals (EDCs), by cohort (HELIX subcohort; 2013-2016).** Coding: 1, quantifiable; 2, <LOD; 3, interference or out of range; 4. not analysed.

Supplementary Figure 3. **Measurement classification of the glucocorticosteroids, by cohort (HELIX subcohort; 2013-2016).** Coding: 1, quantifiable; 2, <LOQ; 3, interference or out of range; 4, not detected.

Supplementary Figure 4. **Marginal contrasts on the logarithmic scale for effect modification by sex of a increase from the 10th to the 90th percentile of the endocrine disrupting chemicals (EDCs) on hit reaction time standard error (HRT-SE) expressed in ms (HELIX subcohort; 2013-2016).** Circles and triangles indicate effect estimates. Solid lines indicate the CI. The size of the circles represents the S value of the effect estimate ([Rafi and Greenland, 2020](#ref-RafiGreenland:2020)).

Supplementary Figure 5. **Marginal contrasts on the logarithmic scale for effect modification by sex of a increase from the 10th to the 90th percentile of the endocrine disrupting chemicals (EDCs) on the glucocorticosteroids expressed in ng/ml (HELIX subcohort; 2013-2016).** Circles and triangles indicate effect estimates. Solid lines indicate the CI. The size of the circles represents the S value of the effect estimate ([Rafi and Greenland, 2020](#ref-RafiGreenland:2020)).