Supplemental Materials for Modelling of exposure to respirable and inhalable welding fumes at German workplaces

Figure S1. Time trend of the proportions of the number of measurements of high-emisson processes *versus* other processes (respirable and inhalable welding fumes)

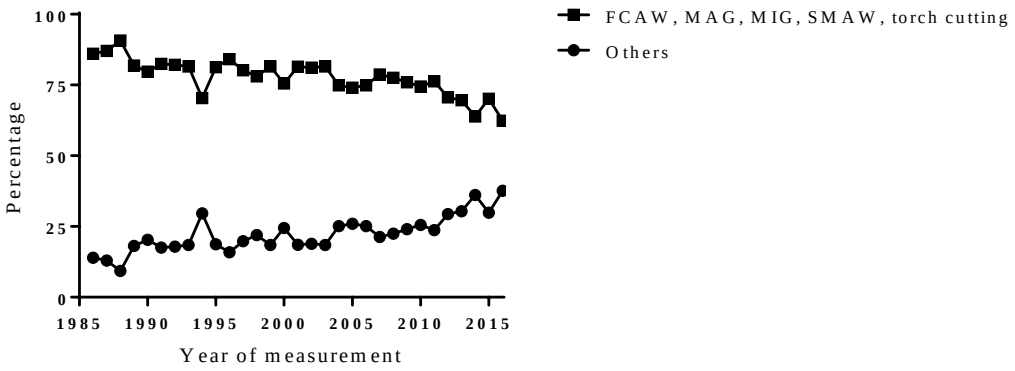


Figure S2. Distribution of inhalable and respirable welding fumes for major welding processes.

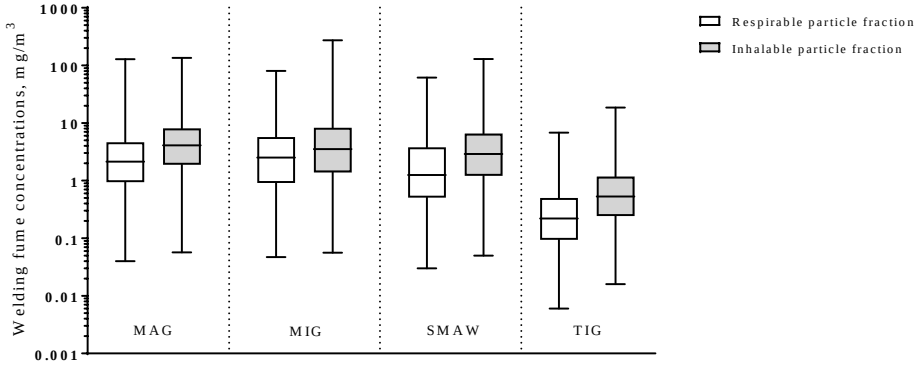
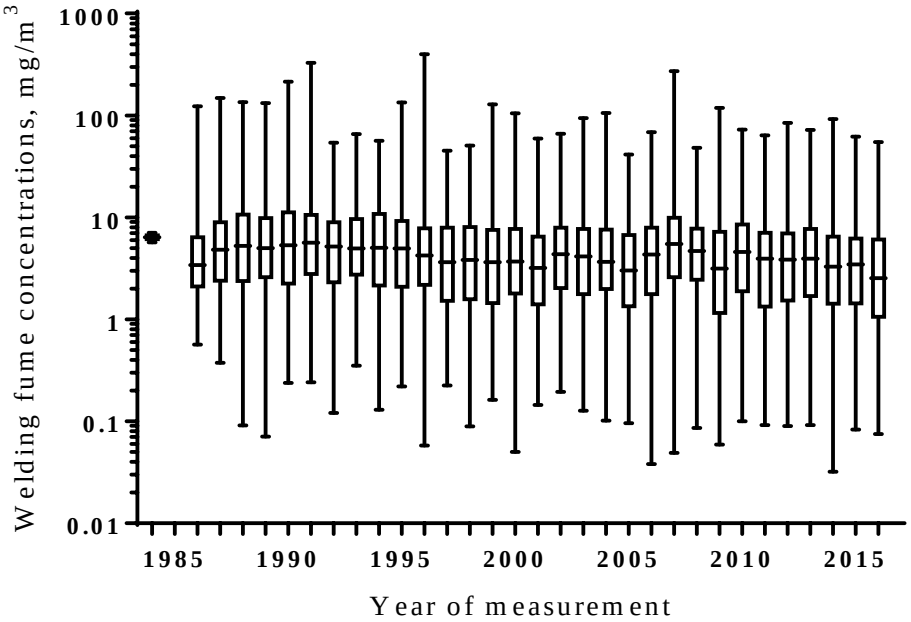
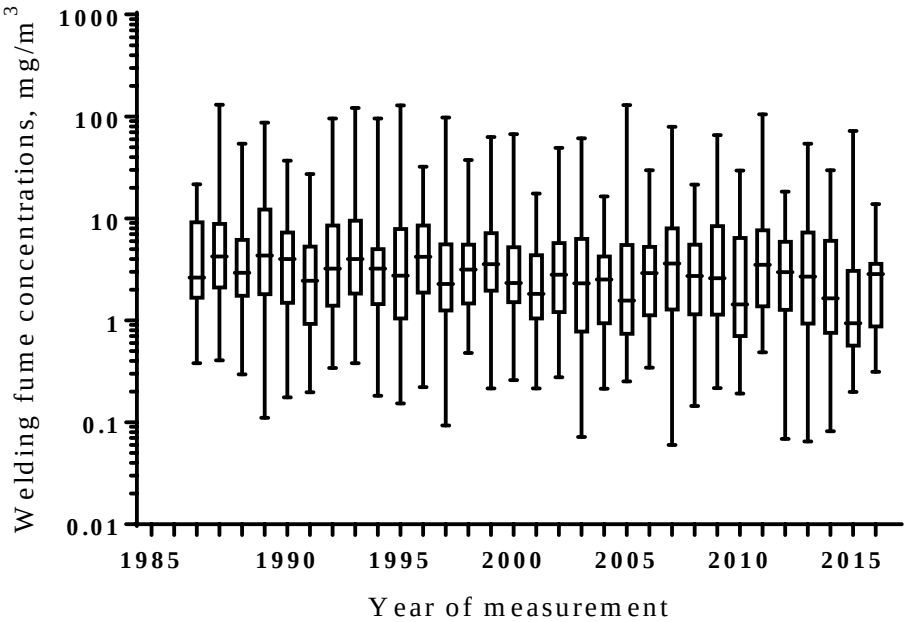


Figure S3. Annual measurements of inhalable welding fumes in major welding processes between 1983 and 2016 (with imputed data for measurements < LOD).

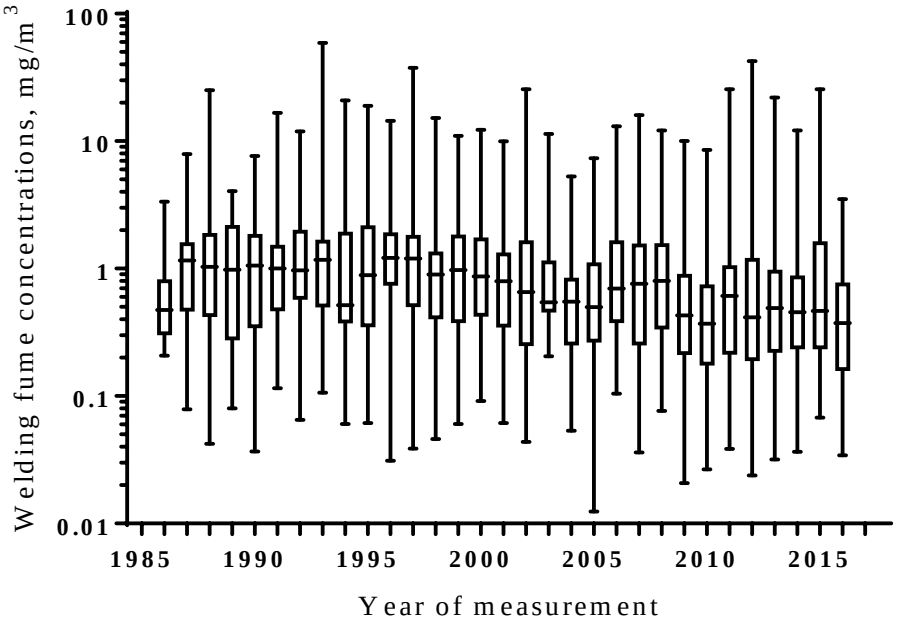
a) Metal active or inert gas welding and flux-cored arc welding



b) Shielded metal arc welding



c) Tungsten inert gas welding


Welding fume concentrations, mg/m3
100
10
1
0.1
0.01
1985
1990
1995
2000
2005
2010
2015
Year of measurement