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| Column name | Explanation | Options of answers |
| Study\_ID | What is the dentification number of the study? | F001 – F013 |
| Author\_year | What is the last name of the first author and the year of study publication? | Name\_year |
| Country\_firstAuthor | What is the country’s name where the institution of the first author is location? | Country name |
| Effect\_ID | What is the number of the effect size? | E001 – E612 |
| Species\_common | What is the common name of the study species? | Common species name |
| Species\_Scientific | What is the scientific name of the study species? | Scientific species name |
| Invertebrate\_vertebrate | Is the study species an invertebrate or a vertebrate species? | Invertebrate/vertebrate |
| Moisture\_loss\_in\_percent | What is the moisture loss of the sample in per cent? | Number in % |
| PFAS\_type | What type of PFAS was measured? | PFAS type |
| PFAS\_carbon\_chain | What is the length of the carbon chain of the measured PFAS type? | Number |
| Cooking\_method | What is the claimed method of cooking? | Cooking method |
| Cooking\_Category | Which of the three cooking categories did the claimed cooking method belong to: ‘oil-based’, ‘water-based’ & ‘no liquid’? | oil-based/ water-based/ no liquid |
| Comments\_cooking | Is there any additional information regarding the cooking method that might be relevant for the meta-analysis? | Text |
| Temperature\_in\_Celsius | What is the cooking temperature in Celsius? | Number |
| Length\_cooking\_time\_in\_s | What is the cooking time in s? | Number |
| Type\_liquid | What type of liquid is used for cooking? | Oil/ water/ none |
| Oil\_type | What type of oil is used in the cooking process? | Type of oil (e.g., olive oil)/ NA (if no oil is used) |
| Volume\_liquid\_ml | How much liquid is used in ml? | Number/ NA (if no liquid is used) |
| Cohort\_ID | What is the cohort ID of the sample? | C001 – C159 |
| Cohort\_comment | Is there any additional information regarding the cohort that might be relevant for the meta-analysis? | Text |
| Nc | What is the sample size of the raw (control) sample? | Number |
| Pooled\_Nc | What is the sample size of the raw sample after it was pooled (if applicable) for analysis? | Number (same as Nc if no pooling occured) |
| Unit\_PFAS\_conc | What unit is the PFAS concentration stated in? | Unit (e.g., ng/g) |
| Mc | What is the concentration of PFAS of the raw (control) sample? | Number |
| Mc\_comment | Is there any additional information regarding the concentration of PFAS of the raw (control) sample that might be relevant for the meta-analysis? | Text |
| Sc | What is the standard error/ standard deviation of the concentration of PFAS of the raw (control) sample? | Number |
| sd | Does the study provide standard error or standard deviation? | standard error/ standard deviation |
| Sc\_technical\_biological | Is the provided standard error/ standard deviation biological or technical? ‘Biological’ means different samples were measured and sd/se of those measurements were calculated. ‘Technical’ means only one sample was measured several times and sd/se of those replicated measurements were calculated. | Biological/ technical |
| If\_technical\_how\_many | If technical standard error/ standard deviation is provided, how many measurements are performed? | Number |
| Ne | What is the sample size of the cooked (control) sample? | Number |
| Pooled\_Ne | What is the sample size of the cooked sample after it was pooled (if applicable) for analysis? | Number (same as Nc if no pooling occured) |
| Me | What is the concentration of PFAS of the cooked (control) sample? | Number |
| Me\_comment | Is there any additional information regarding the concentration of PFAS of the cooked (control) sample that might be relevant for the meta-analysis? | Text |
| Se | What is the standard error/ standard deviation of the concentration of PFAS of the cooked (control) sample? | Number |
| LOD | What is the limit of detection of the PFAS concentration? | Number |
| LOQ | What is the limit of quantification of the PFAS concentration? | Number |
| Unit\_LOD\_LOQ | What unit is the PFAS concentration of LOD/LOQ stated in? | Unit (e.g., ng/g) |
| Design | What is the study design like? | Dependent/independent |
| DataSource | Where was the PFAS concentration in the paper extracted from? | Table No./ Figure No./ Page No. |
| Raw\_data\_provided | Do the authors provide the raw data of the study (either in the supplementary material or after email request)? | Yes/No |
| General\_comments | Is there any additional information regarding the study that might be relevant for the meta-analysis? | Text |
| Checked | Was the extracted data checked by a second author? | Yes/No |