DATA DICTIONARY FOR:

**Prognostic models in nephrology: where do we stand and where do we go from here? Mapping out the current evidence in a scoping review.**Jet Milders1, Chava L. Ramspek1, Roemer J. Janse1, Willem Jan W. Bos2,3,4, Joris I. Rotmans2, Friedo W. Dekker1, Merel van Diepen1

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**Tab 1: All (n=602)**

|  |  |
| --- | --- |
| **Variables** | **Description** |
| article | Study description (Author, year of publication, title, journal, abstract) |
| art | Main author and year of publication |
| pub\_year | Year of publication |
| dev | Development study (yes/no) |
| val | External validation study (yes/no) |
| upd | Update study (yes/no) |
| population | Study population as extracted from included studies |
| pop | Categorized population (CKD/dialysis/kidney transplantation) |
| continent | Continent from which study population was derived (Africa, Asia, Australia, Europe, North America, South America) |
| outcome\_full | Study outcome as extracted from included studies |
| outcome | Categorized outcome |
| samp | Sample size |
| tripod | Reference of the TRIPOD reporting guideline (yes/no/published before January 2015) |
| disc | Reporting of discrimination (yes/no) |
| cal | Reporting of calibration (yes/no) |
| intval | Performance of internal validation (yes/no) |
| extval | Performance of external validation (yes/no) |
| absrisk | Absolute risks calculable using the prognostic model (yes/no) |
| riskscore | Presentation of a risk score (yes/no) |
| modtype | Model type (conventional regression model/artificial intelligence) |
| modval | Name of model that was externally validated in the study |
| valmod\_CKD | Was the model originally intended to be used in CKD patients? (yes/no) |
| modupd | Name of model that was updated in the study |
| updmod\_ckd | Was the model originally intended to be used in CKD patients? (yes/no) |
| nri | Reporting of net reclassification index (NRI) and/or integrated discrimination index (IDI) (NRI/IDI/both/neither) |

**Tab 2: Development studies (n=415)**

|  |  |
| --- | --- |
| **Variables** | **Description** |
| article | Study description (Author, year of publication, title, journal, abstract) |
| art | Main author and year of publication |
| pub\_year | Year of publication |
| dev | Development study (yes/no) |
| val | External validation study (yes/no) |
| upd | Update study (yes/no) |
| population | Study population as extracted from included studies |
| pop | Categorized population (CKD/dialysis/kidney transplantation) |
| continent | Continent from which study population was derived (Africa, Asia, Australia, Europe, North America, South America) |
| outcome\_full | Study outcome as extracted from included studies |
| outcome | Categorized outcome |
| samp | Sample size |
| tripod | Reference of the TRIPOD reporting guideline (yes/no/published before January 2015) |
| disc | Reporting of discrimination (yes/no) |
| cal | Reporting of calibration (yes/no) |
| intval | Performance of internal validation (yes/no) |
| extval | Performance of external validation (yes/no) |
| absrisk | Absolute risks calculable using the prognostic model (yes/no) |
| riskscore | Presentation of a risk score (yes/no) |
| modtype | Model type (conventional regression model/artificial intelligence) |
| n\_extvals | Number of external validations |
| n\_upd | Number of updates |