R documentation

of
'C:/Users/BDG/Documents/000_github/DIDSR.iMRMC.trunk/Rpackage/viperDa

December 31, 2018

`dmistData` *DMIST data*

Description

This data was manually translated from Pisano2005_NEJM_v353p1773 and its supplement.

Usage

```
dmistData
```

Format

An object of class `list` of length 6.

Details

- `nObs.FFDM` [num] The number of FFDM observations (from Supplemental Table 2)
- `nObs.SFM` [num] The number of SFM observations (from Supplemental Table 2)
- `nObs.total` [num] the total number of observations (from Supplemental Table 2)
- `caseDist` [list] This list contains two items (from Supplemental Table 2)
  - `desc` [char] A description of the data.
  - `caseDist.df` [data frame] The distribution of BIRADS scores from DMIST.
    Row 1 is the distribution of FFDM BIRADS scores among DMIST cancers.
    Row 2 is the distribution of SFM BIRADS scores among DMIST cancers.
    Row 3 is the distribution of FFDM BIRADS scores among all DMIST cases.
    Row 4 is the distribution of SFM BIRADS scores among all DMIST cases.
- `caseDist.denseBreasts` [data frame] Caption to Figure 1 and row "T stage" of Table 2. One row of cancer=n1 detected by FFDM and SFM, cancer=n1 detected by SFM but not FFDM, cancer=n1 detected by FFDM but not SFM, cancer=n1 not detected by SFM or FFDM, non-cancer=n2, and total.
- `performance` [list]

- desc [char] A description of the data taken from Figure 1 and the text of Pisano2005_NEJM_v353p1773.pdf. SE of AUC is taken to be 1/4 of the confidence interval specified. AUC determined using seven-point malignancy scale. TPF,FPF are from Table 2 of Pisano2005_NEJM_v353p1773-Suppl.pdf. TPF,FPF are determined using BIRADS. Cancer determined at 455 days for AUC, TPF, and FPF.
- FFDM [list] A list of the diagnostic performance statistics: AUC, AUCse, CIbot, CItop, TPF, TPFse, TNF, TN
- SFM [list] A list of the diagnostic performance statistics: AUC, AUCse, CIbot, CItop, TPF, TPFse, TNF, TNF
- FFDMminusSFM [list] A list of the diagnostic performance statistics: AUC, AUCse, CIbot, CItop, p, TPF, TPF

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