

# Package ‘bestSDP’

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**Type** Package

**Title** Burden Estimate of Common Communicable Diseases in Settlements of Displaced Populations

**Version** 0.1.2

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**Description** Provides a practical tool for estimating the burden of common communicable diseases in settlements of displaced populations. An online version of the tool can be found at <<http://who-refugee-bod.ecdf.ed.ac.uk/shiny/app/>>. Estimates of burden of disease aim to synthesize data about cause-specific morbidity and mortality through a systematic approach that enables evidence-based decisions and comparisons across settings. The focus of this tool is on four acute communicable diseases and syndromes, including Acute respiratory infections, Acute diarrheal diseases, Acute jaundice syndrome and Acute febrile illnesses.

**License** GPL (>= 2)

**Imports** shiny, shinythemes, shinydashboard, shinyWidgets, shinyBS, shinyjs, tidyr, dplyr, readxl, ggplot2, rlist, DT, stringr

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 6.1.1

**NeedsCompilation** no

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**Repository** CRAN

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runbestsdp	<i>Run the Burden ESTimate in Settlements of Displaced Populations (BESTSDP) Shiny Web Application</i>
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### **Description**

Function `runbestsdp` is used start the BESTSDP Shiny Web Application. BestSDP is a web application created to serve as a graphical user interface for generating figures and tables for burden of common communicable diseases estimate in SDP. It was created using Shiny, a web application framework for R.

### **Usage**

```
runbestsdp(launch.browser = TRUE, ...)
```

### **Arguments**

`launch.browser` whether if you want to launch the app in an external browser.  
`...` other parameters passed to `shiny::runApp`.

### **Author(s)**

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### **Examples**

```
library("bestSDP")  
runbestsdp(launch.browser = TRUE)
```

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