

# CHEAT\_SHEET

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## zzvim-R Quick Reference Cheat Sheet

### Key Mappings (Normal Mode)

**Terminal Management** - <LocalLeader>r - Create buffer-specific R terminal - <LocalLeader>w - Open R terminal (vertical split) - <LocalLeader>W - Open R terminal (horizontal split) - <LocalLeader>q - Send Q to quit R session - <LocalLeader>c - Send Ctrl-C interrupt

**Smart Code Execution** - <CR> - Smart submit (auto-detects functions/blocks/lines) - <LocalLeader>sf - Force send function block - <LocalLeader>sl - Force send current line only - <LocalLeader>sa - Smart auto-detection (same as <CR>)

**R Markdown Navigation** - <LocalLeader>j - Jump to next chunk - <LocalLeader>k - Jump to previous chunk - <LocalLeader>l - Execute current chunk - <LocalLeader>t - Execute all previous chunks

**Object Inspection** - <LocalLeader>h - head() - <LocalLeader>u - tail() - <LocalLeader>s - str() - <LocalLeader>d - dim() - <LocalLeader>p - print() - <LocalLeader>n - names() - <LocalLeader>f - length() - <LocalLeader>g - glimpse() - <LocalLeader>b - dt() - <LocalLeader>y - help()

**Workspace Tools** - <LocalLeader>' - Workspace overview - <LocalLeader>i - Inspect object at cursor - <LocalLeader>o - Insert pipe operator (%>%)

**Visual Mode** - <CR> - Send visual selection to R

### Ex Commands

**Core Operations** - :ROpenTerminal - Create R terminal - :RSendLine - Send current line - :RSendSelection - Send visual selection - :RSendFunction - Send function block - :RSendSmart - Smart context detection - :RSend {code} - Execute arbitrary R code

**Chunk Operations** - :RNextChunk - Navigate to next chunk - :RPrevChunk - Navigate to previous chunk - :RSendChunk - Execute current chunk - :RSendPreviousChunks - Execute all previous chunks

**Object Analysis** (optional argument or word under cursor) - :RHead [obj] - head() - :RTail [obj] - tail() - :RStr [obj] - str() - :RDim [obj] - dim() - :RPrint [obj] - print() - :RNames [obj] - names() - :RLength [obj] - length() - :RGlimpse [obj] - glimpse() - :RSummary [obj] - summary() - :RHelp [topic] - help()

**Session Control** - :RQuit - Send Q to R - :RInterrupt - Send Ctrl-C interrupt - :RGetwd - Show working directory - :RSetwd [dir] - Set working directory - :RLs - List workspace objects - :RRm - Clear workspace

**Package Management** - :RLibrary {pkg} - Load package - :RInstall {pkg} - Install package - :RSource {file} - Source R file - :RInstallDplyr - Quick install dplyr

**Data Management** - :RLoad {file} - Load RDS file - :RSave {obj} {file} - Save to RDS file

**Terminal Association** - :RShowTerminal - Show current buffer's terminal - :RListTerminals - List all R file-terminal associations - :RSwitchToTerminal - Jump to buffer's terminal - :ROpenSplit [type] - Open terminal in split (vertical/horizontal)

**Workspace Tools** - :RWorkspace - Workspace overview - :RInspect [obj] - Inspect object (detailed)

## Configuration Variables

- g:zzvim\_r\_disable\_mappings - Disable default mappings (0/1)
- g:zzvim\_r\_terminal\_width - Vertical split width (default: 100)
- g:zzvim\_r\_terminal\_height - Horizontal split height (default: 15)
- g:zzvim\_r\_command - R startup command (default: 'R -no-save -quiet')
- g:zzvim\_r\_chunk\_start - Chunk start pattern (default: '^""{')
- g:zzvim\_r\_chunk\_end - Chunk end pattern (default: '^"" + whitespace')

## Smart Detection Features

- **Functions:** function() definitions → sends complete function
- **Control blocks:** if/for/while/repeat → sends entire block
- **Multi-line calls:** Parentheses/brackets → sends balanced block
- **Pipe chains:** %>% or |> → sends complete pipeline
- **Single lines:** Regular assignments → sends current line only
- **Inside functions:** Individual lines for debugging

## **Tips**

- <LocalLeader> is typically \ (backslash) by default
- Each R buffer gets its own isolated terminal session
- Files use .zzvim\_r\_temp.R for clean source commands
- Visual selections work with <CR> in visual mode
- Object inspection works on word under cursor or with arguments