Untitled

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1. Introduction

This document provides a tutorial for R functions that fit the spike-and-slab model (SPSL) and the correlated spike-and-slab model (C-SPSL) based on Zhang et al. (2023) (unpublished...).

2. Example

```r
out.spsl = spsl(x, z, iterations = 5000, burnIn = 1000, chains = 1)

#out.cspsl = cspsl(x, z, iterations = 5000, burnIn = 1000, chains = 1)
```

```r
round(apply(out.spsl[[1]]$tau1,2,quantile,probs=c(.025,.975)),3)
```

```
##          [,1]    [,2]    [,3]    [,4]    [,5]    [,6]
## 2.5%   -0.310 -0.128 -1.873 -0.366 -0.359 -1.597
## 97.5%   0.518  0.560 -0.581  0.376  0.390 -0.293
```