Contents

[1. Background 1](#_Toc166964082)

[1.1 IE 1](#_Toc166964083)

[1.2 R1 Strategies 1](#_Toc166964084)

[2. PSS 1](#_Toc166964085)

[2.1 Magnusson’s Method (Bayesian Framework) 1](#_Toc166964086)

[2.1.1 data structure 1](#_Toc166964087)

[2.2.2 algorithm 1](#_Toc166964088)

[2.2 Principal Score Method 1](#_Toc166964089)

[2.2.1 data structure 1](#_Toc166964090)

[2.2.2 algorithm 1](#_Toc166964091)

[3. AdACE 2](#_Toc166964092)

[4. Result Comparison 2](#_Toc166964093)

[4.1 Simulation intro 2](#_Toc166964094)

[4.2 Comparison result (1 scenario example) 2](#_Toc166964095)

### 1. Background

#### 1.1 IE

#### 1.2 R1 Strategies

### 2. PSS

#### 2.1 Magnusson’s Method (Bayesian Framework)

##### 2.1.1 data structure

##### 2.2.2 algorithm

(a) essentials (from notes)

(b) updated part

#### 2.2 Principal Score Method

##### 2.2.1 data structure

##### 2.2.2 algorithm

(a) essentials (from notes)

(b) updated part

### 3. AdACE

### 4. Result Comparison

#### 4.1 Simulation intro

#### 4.2 Comparison result (1 scenario example)