

| Sub model Number | Constant ($c_{0,m}$) | rain duration ($c_{1,m}$) | rain intensity ($c_{2,m}$) | soil moisture ($c_{3,m}$) | soil type ($c_{4,m}$) |
|---------------------|---------------------------|--------------------------------|---------------------------------|--------------------------------|----------------------------|
| 1 | 0.042 | 0.107 | 0.163 | 0.129 | 0.089 |
| 2 | -0.244 | 0.266 | 0.280 | 0.238 | 0.187 |
| 3 | -0.021 | 0.181 | 0.181 | 0.136 | 0.144 |
| 4 | 0.027 | 0.270 | 0.059 | 0.208 | 0.271 |
| 5 | -0.008 | 0.020 | 0.020 | 0.021 | 0.304 |