**專案名稱：選擇林口倉用地**

**第1份問卷**

**匯出日期：2024/6/8**

**選擇林口倉用地原始矩陣：**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** |
| **c1** | 1 | 0.111111 | 0.142857 | 0.2 | 0.333333 | 0.2 |
| **c2** | 9 | 1 | 3 | 3 | 5 | 5 |
| **c3** | 7 | 0.333333 | 1 | 1 | 1 | 3 |
| **c4** | 5 | 0.333333 | 1 | 1 | 1 | 1 |
| **c5** | 3 | 0.2 | 1 | 1 | 1 | 1 |
| **c6** | 5 | 0.2 | 0.333333 | 1 | 1 | 1 |

**一、計算行總和：**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** |
| **c1** | 1 | 0.111111 | 0.142857 | 0.2 | 0.333333 | 0.2 |
| **c2** | 9 | 1 | 3 | 3 | 5 | 5 |
| **c3** | 7 | 0.333333 | 1 | 1 | 1 | 3 |
| **c4** | 5 | 0.333333 | 1 | 1 | 1 | 1 |
| **c5** | 3 | 0.2 | 1 | 1 | 1 | 1 |
| **c6** | 5 | 0.2 | 0.333333 | 1 | 1 | 1 |
| **行總和** | **30** | **2.177778** | **6.47619** | **7.2** | **9.333333** | **11.2** |

**二、將矩陣內數字除以行總和：**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** |
| **c1** | 0.033333 | 0.05102 | 0.022059 | 0.027778 | 0.035714 | 0.017857 |
| **c2** | 0.3 | 0.459184 | 0.463235 | 0.416667 | 0.535714 | 0.446429 |
| **c3** | 0.233333 | 0.153061 | 0.154412 | 0.138889 | 0.107143 | 0.267857 |
| **c4** | 0.166667 | 0.153061 | 0.154412 | 0.138889 | 0.107143 | 0.089286 |
| **c5** | 0.1 | 0.091837 | 0.154412 | 0.138889 | 0.107143 | 0.089286 |
| **c6** | 0.166667 | 0.091837 | 0.051471 | 0.138889 | 0.107143 | 0.089286 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** | **權重(W)** |
| **c1** | 0.033333 | 0.05102 | 0.022059 | 0.027778 | 0.035714 | 0.017857 | **0.031294** |
| **c2** | 0.3 | 0.459184 | 0.463235 | 0.416667 | 0.535714 | 0.446429 | **0.436872** |
| **c3** | 0.233333 | 0.153061 | 0.154412 | 0.138889 | 0.107143 | 0.267857 | **0.175783** |
| **c4** | 0.166667 | 0.153061 | 0.154412 | 0.138889 | 0.107143 | 0.089286 | **0.13491** |
| **c5** | 0.1 | 0.091837 | 0.154412 | 0.138889 | 0.107143 | 0.089286 | **0.113594** |
| **c6** | 0.166667 | 0.091837 | 0.051471 | 0.138889 | 0.107143 | 0.089286 | **0.107549** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.031294+0.111111x0.436872+0.142857x0.175783+0.2x0.13491+0.333333x0.113594+0.2x0.107549)/0.031294+(9x0.031294+1x0.436872+3x0.175783+3x0.13491+5x0.113594+5x0.107549)/0.436872+(7x0.031294+0.333333x0.436872+1x0.175783+1x0.13491+1x0.113594+3x0.107549)/0.175783+(5x0.031294+0.333333x0.436872+1x0.175783+1x0.13491+1x0.113594+1x0.107549)/0.13491+(3x0.031294+0.2x0.436872+1x0.175783+1x0.13491+1x0.113594+1x0.107549)/0.113594+(5x0.031294+0.2x0.436872+0.333333x0.175783+1x0.13491+1x0.113594+1x0.107549)/0.107549)/6=6.221291

**C.I.=(6.221291-6)/(6-1)=0.044258**

**C.R.=0.044258/1.24=0.035692**

**C.I.H=0.04426**

**R.I.H=1.24**

**C.R.H=0.03569**

**c1原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 0.2 |
| **B新建倉** | 5 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 0.2 |
| **B新建倉** | 5 | 1 |
| **行總和** | **6** | **1.2** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.166667 | 0.166667 |
| **B新建倉** | 0.833333 | 0.833333 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.166667 | 0.166667 | **0.166667** |
| **B新建倉** | 0.833333 | 0.833333 | **0.833333** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.166667+0.2x0.833333)/0.166667+(5x0.166667+1x0.833333)/0.833333)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.04426**

**R.I.H=1.24**

**C.R.H=0.03569**

**c2原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 0.333333 |
| **B新建倉** | 3 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 0.333333 |
| **B新建倉** | 3 | 1 |
| **行總和** | **4** | **1.333333** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.25 | 0.25 |
| **B新建倉** | 0.75 | 0.75 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.25 | 0.25 | **0.25** |
| **B新建倉** | 0.75 | 0.75 | **0.75** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.25+0.333333x0.75)/0.25+(3x0.25+1x0.75)/0.75)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.04426**

**R.I.H=1.24**

**C.R.H=0.03569**

**c3原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 0.333333 |
| **B新建倉** | 3 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 0.333333 |
| **B新建倉** | 3 | 1 |
| **行總和** | **4** | **1.333333** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.25 | 0.25 |
| **B新建倉** | 0.75 | 0.75 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.25 | 0.25 | **0.25** |
| **B新建倉** | 0.75 | 0.75 | **0.75** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.25+0.333333x0.75)/0.25+(3x0.25+1x0.75)/0.75)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.04426**

**R.I.H=1.24**

**C.R.H=0.03569**

**c4原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |
| **行總和** | **1.333333** | **4** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.75 | 0.75 |
| **B新建倉** | 0.25 | 0.25 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.75 | 0.75 | **0.75** |
| **B新建倉** | 0.25 | 0.25 | **0.25** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.75+3x0.25)/0.75+(0.333333x0.75+1x0.25)/0.25)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.04426**

**R.I.H=1.24**

**C.R.H=0.03569**

**c5原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1 |
| **B新建倉** | 1 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1 |
| **B新建倉** | 1 | 1 |
| **行總和** | **2** | **2** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.5 | 0.5 |
| **B新建倉** | 0.5 | 0.5 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.5 | 0.5 | **0.5** |
| **B新建倉** | 0.5 | 0.5 | **0.5** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.5+1x0.5)/0.5+(1x0.5+1x0.5)/0.5)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.04426**

**R.I.H=1.24**

**C.R.H=0.03569**

**c6原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1 |
| **B新建倉** | 1 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1 |
| **B新建倉** | 1 | 1 |
| **行總和** | **2** | **2** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.5 | 0.5 |
| **B新建倉** | 0.5 | 0.5 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.5 | 0.5 | **0.5** |
| **B新建倉** | 0.5 | 0.5 | **0.5** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.5+1x0.5)/0.5+(1x0.5+1x0.5)/0.5)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.04426**

**R.I.H=1.24**

**C.R.H=0.03569**

**權重排名：**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **構面** | **準則** | **局部權重** | **整體權重** | **排名** |
| **選擇林口倉用地** | **c1** | **0.031293** | **0.031293** | **6** |
| **選擇林口倉用地** | **c2** | **0.436871** | **0.436871** | **1** |
| **選擇林口倉用地** | **c3** | **0.175782** | **0.175782** | **2** |
| **選擇林口倉用地** | **c4** | **0.134909** | **0.134909** | **3** |
| **選擇林口倉用地** | **c5** | **0.113594** | **0.113594** | **4** |
| **選擇林口倉用地** | **c6** | **0.107548** | **0.107548** | **5** |

**專案名稱：選擇林口倉用地**

**第2份問卷**

**匯出日期：2024/6/8**

**選擇林口倉用地原始矩陣：**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** |
| **c1** | 1 | 0.142857 | 1 | 1 | 0.333333 | 0.2 |
| **c2** | 7 | 1 | 0.333333 | 5 | 5 | 5 |
| **c3** | 1 | 3 | 1 | 5 | 3 | 5 |
| **c4** | 1 | 0.2 | 0.2 | 1 | 0.333333 | 0.333333 |
| **c5** | 3 | 0.2 | 0.333333 | 3 | 1 | 0.333333 |
| **c6** | 5 | 0.2 | 0.2 | 3 | 3 | 1 |

**一、計算行總和：**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** |
| **c1** | 1 | 0.142857 | 1 | 1 | 0.333333 | 0.2 |
| **c2** | 7 | 1 | 0.333333 | 5 | 5 | 5 |
| **c3** | 1 | 3 | 1 | 5 | 3 | 5 |
| **c4** | 1 | 0.2 | 0.2 | 1 | 0.333333 | 0.333333 |
| **c5** | 3 | 0.2 | 0.333333 | 3 | 1 | 0.333333 |
| **c6** | 5 | 0.2 | 0.2 | 3 | 3 | 1 |
| **行總和** | **18** | **4.742857** | **3.066667** | **18** | **12.666667** | **11.866667** |

**二、將矩陣內數字除以行總和：**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** |
| **c1** | 0.055556 | 0.03012 | 0.326087 | 0.055556 | 0.026316 | 0.016854 |
| **c2** | 0.388889 | 0.210843 | 0.108696 | 0.277778 | 0.394737 | 0.421348 |
| **c3** | 0.055556 | 0.63253 | 0.326087 | 0.277778 | 0.236842 | 0.421348 |
| **c4** | 0.055556 | 0.042169 | 0.065217 | 0.055556 | 0.026316 | 0.02809 |
| **c5** | 0.166667 | 0.042169 | 0.108696 | 0.166667 | 0.078947 | 0.02809 |
| **c6** | 0.277778 | 0.042169 | 0.065217 | 0.166667 | 0.236842 | 0.08427 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** | **權重(W)** |
| **c1** | 0.055556 | 0.03012 | 0.326087 | 0.055556 | 0.026316 | 0.016854 | **0.085081** |
| **c2** | 0.388889 | 0.210843 | 0.108696 | 0.277778 | 0.394737 | 0.421348 | **0.300382** |
| **c3** | 0.055556 | 0.63253 | 0.326087 | 0.277778 | 0.236842 | 0.421348 | **0.325024** |
| **c4** | 0.055556 | 0.042169 | 0.065217 | 0.055556 | 0.026316 | 0.02809 | **0.045484** |
| **c5** | 0.166667 | 0.042169 | 0.108696 | 0.166667 | 0.078947 | 0.02809 | **0.098539** |
| **c6** | 0.277778 | 0.042169 | 0.065217 | 0.166667 | 0.236842 | 0.08427 | **0.14549** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.085081+0.142857x0.300382+1x0.325024+1x0.045484+0.333333x0.098539+0.2x0.14549)/0.085081+(7x0.085081+1x0.300382+0.333333x0.325024+5x0.045484+5x0.098539+5x0.14549)/0.300382+(1x0.085081+3x0.300382+1x0.325024+5x0.045484+3x0.098539+5x0.14549)/0.325024+(1x0.085081+0.2x0.300382+0.2x0.325024+1x0.045484+0.333333x0.098539+0.333333x0.14549)/0.045484+(3x0.085081+0.2x0.300382+0.333333x0.325024+3x0.045484+1x0.098539+0.333333x0.14549)/0.098539+(5x0.085081+0.2x0.300382+0.2x0.325024+3x0.045484+3x0.098539+1x0.14549)/0.14549)/6=7.495013

**C.I.=(7.495013-6)/(6-1)=0.299003**

**C.R.=0.299003/1.24=0.241131**

**C.I.H=0.299**

**R.I.H=1.24**

**C.R.H=0.24113**

**c1原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 0.2 |
| **B新建倉** | 5 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 0.2 |
| **B新建倉** | 5 | 1 |
| **行總和** | **6** | **1.2** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.166667 | 0.166667 |
| **B新建倉** | 0.833333 | 0.833333 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.166667 | 0.166667 | **0.166667** |
| **B新建倉** | 0.833333 | 0.833333 | **0.833333** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.166667+0.2x0.833333)/0.166667+(5x0.166667+1x0.833333)/0.833333)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.299**

**R.I.H=1.24**

**C.R.H=0.24113**

**c2原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 7 |
| **B新建倉** | 0.142857 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 7 |
| **B新建倉** | 0.142857 | 1 |
| **行總和** | **1.142857** | **8** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.875 | 0.875 |
| **B新建倉** | 0.125 | 0.125 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.875 | 0.875 | **0.875** |
| **B新建倉** | 0.125 | 0.125 | **0.125** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.875+7x0.125)/0.875+(0.142857x0.875+1x0.125)/0.125)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.299**

**R.I.H=1.24**

**C.R.H=0.24113**

**c3原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 0.2 |
| **B新建倉** | 5 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 0.2 |
| **B新建倉** | 5 | 1 |
| **行總和** | **6** | **1.2** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.166667 | 0.166667 |
| **B新建倉** | 0.833333 | 0.833333 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.166667 | 0.166667 | **0.166667** |
| **B新建倉** | 0.833333 | 0.833333 | **0.833333** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.166667+0.2x0.833333)/0.166667+(5x0.166667+1x0.833333)/0.833333)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.299**

**R.I.H=1.24**

**C.R.H=0.24113**

**c4原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |
| **行總和** | **1.333333** | **4** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.75 | 0.75 |
| **B新建倉** | 0.25 | 0.25 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.75 | 0.75 | **0.75** |
| **B新建倉** | 0.25 | 0.25 | **0.25** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.75+3x0.25)/0.75+(0.333333x0.75+1x0.25)/0.25)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.299**

**R.I.H=1.24**

**C.R.H=0.24113**

**c5原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1 |
| **B新建倉** | 1 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1 |
| **B新建倉** | 1 | 1 |
| **行總和** | **2** | **2** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.5 | 0.5 |
| **B新建倉** | 0.5 | 0.5 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.5 | 0.5 | **0.5** |
| **B新建倉** | 0.5 | 0.5 | **0.5** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.5+1x0.5)/0.5+(1x0.5+1x0.5)/0.5)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.299**

**R.I.H=1.24**

**C.R.H=0.24113**

**c6原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |
| **行總和** | **1.333333** | **4** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.75 | 0.75 |
| **B新建倉** | 0.25 | 0.25 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.75 | 0.75 | **0.75** |
| **B新建倉** | 0.25 | 0.25 | **0.25** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.75+3x0.25)/0.75+(0.333333x0.75+1x0.25)/0.25)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.299**

**R.I.H=1.24**

**C.R.H=0.24113**

**權重排名：**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **構面** | **準則** | **局部權重** | **整體權重** | **排名** |
| **選擇林口倉用地** | **c1** | **0.085081** | **0.085081** | **5** |
| **選擇林口倉用地** | **c2** | **0.300381** | **0.300381** | **2** |
| **選擇林口倉用地** | **c3** | **0.325023** | **0.325023** | **1** |
| **選擇林口倉用地** | **c4** | **0.045483** | **0.045483** | **6** |
| **選擇林口倉用地** | **c5** | **0.098539** | **0.098539** | **4** |
| **選擇林口倉用地** | **c6** | **0.14549** | **0.14549** | **3** |

**專案名稱：選擇林口倉用地**

**第3份問卷**

**匯出日期：2024/6/8**

**選擇林口倉用地原始矩陣：**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** |
| **c1** | 1 | 3 | 1 | 0.333333 | 0.333333 | 3 |
| **c2** | 0.333333 | 1 | 0.333333 | 3 | 3 | 3 |
| **c3** | 1 | 3 | 1 | 1 | 1 | 3 |
| **c4** | 3 | 0.333333 | 1 | 1 | 1 | 3 |
| **c5** | 3 | 0.333333 | 1 | 1 | 1 | 3 |
| **c6** | 0.333333 | 0.333333 | 0.333333 | 0.333333 | 0.333333 | 1 |

**一、計算行總和：**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** |
| **c1** | 1 | 3 | 1 | 0.333333 | 0.333333 | 3 |
| **c2** | 0.333333 | 1 | 0.333333 | 3 | 3 | 3 |
| **c3** | 1 | 3 | 1 | 1 | 1 | 3 |
| **c4** | 3 | 0.333333 | 1 | 1 | 1 | 3 |
| **c5** | 3 | 0.333333 | 1 | 1 | 1 | 3 |
| **c6** | 0.333333 | 0.333333 | 0.333333 | 0.333333 | 0.333333 | 1 |
| **行總和** | **8.666667** | **8** | **4.666667** | **6.666667** | **6.666667** | **16** |

**二、將矩陣內數字除以行總和：**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** |
| **c1** | 0.115385 | 0.375 | 0.214286 | 0.05 | 0.05 | 0.1875 |
| **c2** | 0.038462 | 0.125 | 0.071429 | 0.45 | 0.45 | 0.1875 |
| **c3** | 0.115385 | 0.375 | 0.214286 | 0.15 | 0.15 | 0.1875 |
| **c4** | 0.346154 | 0.041667 | 0.214286 | 0.15 | 0.15 | 0.1875 |
| **c5** | 0.346154 | 0.041667 | 0.214286 | 0.15 | 0.15 | 0.1875 |
| **c6** | 0.038462 | 0.041667 | 0.071429 | 0.05 | 0.05 | 0.0625 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** | **權重(W)** |
| **c1** | 0.115385 | 0.375 | 0.214286 | 0.05 | 0.05 | 0.1875 | **0.165362** |
| **c2** | 0.038462 | 0.125 | 0.071429 | 0.45 | 0.45 | 0.1875 | **0.220399** |
| **c3** | 0.115385 | 0.375 | 0.214286 | 0.15 | 0.15 | 0.1875 | **0.198695** |
| **c4** | 0.346154 | 0.041667 | 0.214286 | 0.15 | 0.15 | 0.1875 | **0.181601** |
| **c5** | 0.346154 | 0.041667 | 0.214286 | 0.15 | 0.15 | 0.1875 | **0.181601** |
| **c6** | 0.038462 | 0.041667 | 0.071429 | 0.05 | 0.05 | 0.0625 | **0.052343** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.165362+3x0.220399+1x0.198695+0.333333x0.181601+0.333333x0.181601+3x0.052343)/0.165362+(0.333333x0.165362+1x0.220399+0.333333x0.198695+3x0.181601+3x0.181601+3x0.052343)/0.220399+(1x0.165362+3x0.220399+1x0.198695+1x0.181601+1x0.181601+3x0.052343)/0.198695+(3x0.165362+0.333333x0.220399+1x0.198695+1x0.181601+1x0.181601+3x0.052343)/0.181601+(3x0.165362+0.333333x0.220399+1x0.198695+1x0.181601+1x0.181601+3x0.052343)/0.181601+(0.333333x0.165362+0.333333x0.220399+0.333333x0.198695+0.333333x0.181601+0.333333x0.181601+1x0.052343)/0.052343)/6=7.348663

**C.I.=(7.348663-6)/(6-1)=0.269733**

**C.R.=0.269733/1.24=0.217526**

**C.I.H=0.26973**

**R.I.H=1.24**

**C.R.H=0.21753**

**c1原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 0.333333 |
| **B新建倉** | 3 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 0.333333 |
| **B新建倉** | 3 | 1 |
| **行總和** | **4** | **1.333333** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.25 | 0.25 |
| **B新建倉** | 0.75 | 0.75 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.25 | 0.25 | **0.25** |
| **B新建倉** | 0.75 | 0.75 | **0.75** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.25+0.333333x0.75)/0.25+(3x0.25+1x0.75)/0.75)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.26973**

**R.I.H=1.24**

**C.R.H=0.21753**

**c2原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |
| **行總和** | **1.333333** | **4** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.75 | 0.75 |
| **B新建倉** | 0.25 | 0.25 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.75 | 0.75 | **0.75** |
| **B新建倉** | 0.25 | 0.25 | **0.25** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.75+3x0.25)/0.75+(0.333333x0.75+1x0.25)/0.25)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.26973**

**R.I.H=1.24**

**C.R.H=0.21753**

**c3原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 5 |
| **B新建倉** | 0.2 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 5 |
| **B新建倉** | 0.2 | 1 |
| **行總和** | **1.2** | **6** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.833333 | 0.833333 |
| **B新建倉** | 0.166667 | 0.166667 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.833333 | 0.833333 | **0.833333** |
| **B新建倉** | 0.166667 | 0.166667 | **0.166667** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.833333+5x0.166667)/0.833333+(0.2x0.833333+1x0.166667)/0.166667)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.26973**

**R.I.H=1.24**

**C.R.H=0.21753**

**c4原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |
| **行總和** | **1.333333** | **4** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.75 | 0.75 |
| **B新建倉** | 0.25 | 0.25 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.75 | 0.75 | **0.75** |
| **B新建倉** | 0.25 | 0.25 | **0.25** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.75+3x0.25)/0.75+(0.333333x0.75+1x0.25)/0.25)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.26973**

**R.I.H=1.24**

**C.R.H=0.21753**

**c5原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |
| **行總和** | **1.333333** | **4** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.75 | 0.75 |
| **B新建倉** | 0.25 | 0.25 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.75 | 0.75 | **0.75** |
| **B新建倉** | 0.25 | 0.25 | **0.25** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.75+3x0.25)/0.75+(0.333333x0.75+1x0.25)/0.25)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.26973**

**R.I.H=1.24**

**C.R.H=0.21753**

**c6原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1 |
| **B新建倉** | 1 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1 |
| **B新建倉** | 1 | 1 |
| **行總和** | **2** | **2** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.5 | 0.5 |
| **B新建倉** | 0.5 | 0.5 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.5 | 0.5 | **0.5** |
| **B新建倉** | 0.5 | 0.5 | **0.5** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.5+1x0.5)/0.5+(1x0.5+1x0.5)/0.5)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.26973**

**R.I.H=1.24**

**C.R.H=0.21753**

**權重排名：**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **構面** | **準則** | **局部權重** | **整體權重** | **排名** |
| **選擇林口倉用地** | **c1** | **0.165361** | **0.165361** | **5** |
| **選擇林口倉用地** | **c2** | **0.220398** | **0.220398** | **1** |
| **選擇林口倉用地** | **c3** | **0.198695** | **0.198695** | **2** |
| **選擇林口倉用地** | **c4** | **0.181601** | **0.181601** | **3** |
| **選擇林口倉用地** | **c5** | **0.181601** | **0.181601** | **4** |
| **選擇林口倉用地** | **c6** | **0.052342** | **0.052342** | **6** |

**專案名稱：選擇林口倉用地**

**第4份問卷**

**匯出日期：2024/6/8**

**選擇林口倉用地原始矩陣：**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** |
| **c1** | 1 | 0.142857 | 0.333333 | 1 | 1 | 0.333333 |
| **c2** | 7 | 1 | 3 | 1 | 3 | 3 |
| **c3** | 3 | 0.333333 | 1 | 1 | 1 | 1 |
| **c4** | 1 | 1 | 1 | 1 | 1 | 1 |
| **c5** | 1 | 0.333333 | 1 | 1 | 1 | 3 |
| **c6** | 3 | 0.333333 | 1 | 1 | 0.333333 | 1 |

**一、計算行總和：**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** |
| **c1** | 1 | 0.142857 | 0.333333 | 1 | 1 | 0.333333 |
| **c2** | 7 | 1 | 3 | 1 | 3 | 3 |
| **c3** | 3 | 0.333333 | 1 | 1 | 1 | 1 |
| **c4** | 1 | 1 | 1 | 1 | 1 | 1 |
| **c5** | 1 | 0.333333 | 1 | 1 | 1 | 3 |
| **c6** | 3 | 0.333333 | 1 | 1 | 0.333333 | 1 |
| **行總和** | **16** | **3.142857** | **7.333333** | **6** | **7.333333** | **9.333333** |

**二、將矩陣內數字除以行總和：**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** |
| **c1** | 0.0625 | 0.045455 | 0.045455 | 0.166667 | 0.136364 | 0.035714 |
| **c2** | 0.4375 | 0.318182 | 0.409091 | 0.166667 | 0.409091 | 0.321429 |
| **c3** | 0.1875 | 0.106061 | 0.136364 | 0.166667 | 0.136364 | 0.107143 |
| **c4** | 0.0625 | 0.318182 | 0.136364 | 0.166667 | 0.136364 | 0.107143 |
| **c5** | 0.0625 | 0.106061 | 0.136364 | 0.166667 | 0.136364 | 0.321429 |
| **c6** | 0.1875 | 0.106061 | 0.136364 | 0.166667 | 0.045455 | 0.107143 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** | **權重(W)** |
| **c1** | 0.0625 | 0.045455 | 0.045455 | 0.166667 | 0.136364 | 0.035714 | **0.082026** |
| **c2** | 0.4375 | 0.318182 | 0.409091 | 0.166667 | 0.409091 | 0.321429 | **0.34366** |
| **c3** | 0.1875 | 0.106061 | 0.136364 | 0.166667 | 0.136364 | 0.107143 | **0.140017** |
| **c4** | 0.0625 | 0.318182 | 0.136364 | 0.166667 | 0.136364 | 0.107143 | **0.154537** |
| **c5** | 0.0625 | 0.106061 | 0.136364 | 0.166667 | 0.136364 | 0.321429 | **0.154898** |
| **c6** | 0.1875 | 0.106061 | 0.136364 | 0.166667 | 0.045455 | 0.107143 | **0.124865** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.082026+0.142857x0.34366+0.333333x0.140017+1x0.154537+1x0.154898+0.333333x0.124865)/0.082026+(7x0.082026+1x0.34366+3x0.140017+1x0.154537+3x0.154898+3x0.124865)/0.34366+(3x0.082026+0.333333x0.34366+1x0.140017+1x0.154537+1x0.154898+1x0.124865)/0.140017+(1x0.082026+1x0.34366+1x0.140017+1x0.154537+1x0.154898+1x0.124865)/0.154537+(1x0.082026+0.333333x0.34366+1x0.140017+1x0.154537+1x0.154898+3x0.124865)/0.154898+(3x0.082026+0.333333x0.34366+1x0.140017+1x0.154537+0.333333x0.154898+1x0.124865)/0.124865)/6=6.605055

**C.I.=(6.605055-6)/(6-1)=0.121011**

**C.R.=0.121011/1.24=0.097589**

**C.I.H=0.12101**

**R.I.H=1.24**

**C.R.H=0.09759**

**c1原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 0.2 |
| **B新建倉** | 5 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 0.2 |
| **B新建倉** | 5 | 1 |
| **行總和** | **6** | **1.2** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.166667 | 0.166667 |
| **B新建倉** | 0.833333 | 0.833333 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.166667 | 0.166667 | **0.166667** |
| **B新建倉** | 0.833333 | 0.833333 | **0.833333** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.166667+0.2x0.833333)/0.166667+(5x0.166667+1x0.833333)/0.833333)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.12101**

**R.I.H=1.24**

**C.R.H=0.09759**

**c2原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1 |
| **B新建倉** | 1 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1 |
| **B新建倉** | 1 | 1 |
| **行總和** | **2** | **2** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.5 | 0.5 |
| **B新建倉** | 0.5 | 0.5 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.5 | 0.5 | **0.5** |
| **B新建倉** | 0.5 | 0.5 | **0.5** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.5+1x0.5)/0.5+(1x0.5+1x0.5)/0.5)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.12101**

**R.I.H=1.24**

**C.R.H=0.09759**

**c3原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |
| **行總和** | **1.333333** | **4** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.75 | 0.75 |
| **B新建倉** | 0.25 | 0.25 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.75 | 0.75 | **0.75** |
| **B新建倉** | 0.25 | 0.25 | **0.25** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.75+3x0.25)/0.75+(0.333333x0.75+1x0.25)/0.25)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.12101**

**R.I.H=1.24**

**C.R.H=0.09759**

**c4原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |
| **行總和** | **1.333333** | **4** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.75 | 0.75 |
| **B新建倉** | 0.25 | 0.25 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.75 | 0.75 | **0.75** |
| **B新建倉** | 0.25 | 0.25 | **0.25** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.75+3x0.25)/0.75+(0.333333x0.75+1x0.25)/0.25)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.12101**

**R.I.H=1.24**

**C.R.H=0.09759**

**c5原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |
| **行總和** | **1.333333** | **4** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.75 | 0.75 |
| **B新建倉** | 0.25 | 0.25 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.75 | 0.75 | **0.75** |
| **B新建倉** | 0.25 | 0.25 | **0.25** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.75+3x0.25)/0.75+(0.333333x0.75+1x0.25)/0.25)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.12101**

**R.I.H=1.24**

**C.R.H=0.09759**

**c6原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |
| **行總和** | **1.333333** | **4** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.75 | 0.75 |
| **B新建倉** | 0.25 | 0.25 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.75 | 0.75 | **0.75** |
| **B新建倉** | 0.25 | 0.25 | **0.25** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.75+3x0.25)/0.75+(0.333333x0.75+1x0.25)/0.25)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.12101**

**R.I.H=1.24**

**C.R.H=0.09759**

**權重排名：**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **構面** | **準則** | **局部權重** | **整體權重** | **排名** |
| **選擇林口倉用地** | **c1** | **0.082025** | **0.082025** | **6** |
| **選擇林口倉用地** | **c2** | **0.343659** | **0.343659** | **1** |
| **選擇林口倉用地** | **c3** | **0.140016** | **0.140016** | **4** |
| **選擇林口倉用地** | **c4** | **0.154536** | **0.154536** | **3** |
| **選擇林口倉用地** | **c5** | **0.154897** | **0.154897** | **2** |
| **選擇林口倉用地** | **c6** | **0.124864** | **0.124864** | **5** |

**專案名稱：選擇林口倉用地**

**第5份問卷**

**匯出日期：2024/6/8**

**選擇林口倉用地原始矩陣：**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** |
| **c1** | 1 | 0.2 | 0.2 | 0.2 | 0.333333 | 1 |
| **c2** | 5 | 1 | 1 | 1 | 3 | 3 |
| **c3** | 5 | 1 | 1 | 3 | 1 | 3 |
| **c4** | 5 | 1 | 0.333333 | 1 | 3 | 5 |
| **c5** | 3 | 0.333333 | 1 | 0.333333 | 1 | 3 |
| **c6** | 1 | 0.333333 | 0.333333 | 0.2 | 0.333333 | 1 |

**一、計算行總和：**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** |
| **c1** | 1 | 0.2 | 0.2 | 0.2 | 0.333333 | 1 |
| **c2** | 5 | 1 | 1 | 1 | 3 | 3 |
| **c3** | 5 | 1 | 1 | 3 | 1 | 3 |
| **c4** | 5 | 1 | 0.333333 | 1 | 3 | 5 |
| **c5** | 3 | 0.333333 | 1 | 0.333333 | 1 | 3 |
| **c6** | 1 | 0.333333 | 0.333333 | 0.2 | 0.333333 | 1 |
| **行總和** | **20** | **3.866667** | **3.866667** | **5.733333** | **8.666667** | **16** |

**二、將矩陣內數字除以行總和：**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** |
| **c1** | 0.05 | 0.051724 | 0.051724 | 0.034884 | 0.038462 | 0.0625 |
| **c2** | 0.25 | 0.258621 | 0.258621 | 0.174419 | 0.346154 | 0.1875 |
| **c3** | 0.25 | 0.258621 | 0.258621 | 0.523256 | 0.115385 | 0.1875 |
| **c4** | 0.25 | 0.258621 | 0.086207 | 0.174419 | 0.346154 | 0.3125 |
| **c5** | 0.15 | 0.086207 | 0.258621 | 0.05814 | 0.115385 | 0.1875 |
| **c6** | 0.05 | 0.086207 | 0.086207 | 0.034884 | 0.038462 | 0.0625 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** | **權重(W)** |
| **c1** | 0.05 | 0.051724 | 0.051724 | 0.034884 | 0.038462 | 0.0625 | **0.048216** |
| **c2** | 0.25 | 0.258621 | 0.258621 | 0.174419 | 0.346154 | 0.1875 | **0.245886** |
| **c3** | 0.25 | 0.258621 | 0.258621 | 0.523256 | 0.115385 | 0.1875 | **0.265564** |
| **c4** | 0.25 | 0.258621 | 0.086207 | 0.174419 | 0.346154 | 0.3125 | **0.237984** |
| **c5** | 0.15 | 0.086207 | 0.258621 | 0.05814 | 0.115385 | 0.1875 | **0.142642** |
| **c6** | 0.05 | 0.086207 | 0.086207 | 0.034884 | 0.038462 | 0.0625 | **0.05971** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.048216+0.2x0.245886+0.2x0.265564+0.2x0.237984+0.333333x0.142642+1x0.05971)/0.048216+(5x0.048216+1x0.245886+1x0.265564+1x0.237984+3x0.142642+3x0.05971)/0.245886+(5x0.048216+1x0.245886+1x0.265564+3x0.237984+1x0.142642+3x0.05971)/0.265564+(5x0.048216+1x0.245886+0.333333x0.265564+1x0.237984+3x0.142642+5x0.05971)/0.237984+(3x0.048216+0.333333x0.245886+1x0.265564+0.333333x0.237984+1x0.142642+3x0.05971)/0.142642+(1x0.048216+0.333333x0.245886+0.333333x0.265564+0.2x0.237984+0.333333x0.142642+1x0.05971)/0.05971)/6=6.425575

**C.I.=(6.425575-6)/(6-1)=0.085115**

**C.R.=0.085115/1.24=0.068641**

**C.I.H=0.08511**

**R.I.H=1.24**

**C.R.H=0.06864**

**c1原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 0.333333 |
| **B新建倉** | 3 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 0.333333 |
| **B新建倉** | 3 | 1 |
| **行總和** | **4** | **1.333333** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.25 | 0.25 |
| **B新建倉** | 0.75 | 0.75 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.25 | 0.25 | **0.25** |
| **B新建倉** | 0.75 | 0.75 | **0.75** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.25+0.333333x0.75)/0.25+(3x0.25+1x0.75)/0.75)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.08511**

**R.I.H=1.24**

**C.R.H=0.06864**

**c2原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |
| **行總和** | **1.333333** | **4** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.75 | 0.75 |
| **B新建倉** | 0.25 | 0.25 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.75 | 0.75 | **0.75** |
| **B新建倉** | 0.25 | 0.25 | **0.25** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.75+3x0.25)/0.75+(0.333333x0.75+1x0.25)/0.25)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.08511**

**R.I.H=1.24**

**C.R.H=0.06864**

**c3原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1 |
| **B新建倉** | 1 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1 |
| **B新建倉** | 1 | 1 |
| **行總和** | **2** | **2** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.5 | 0.5 |
| **B新建倉** | 0.5 | 0.5 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.5 | 0.5 | **0.5** |
| **B新建倉** | 0.5 | 0.5 | **0.5** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.5+1x0.5)/0.5+(1x0.5+1x0.5)/0.5)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.08511**

**R.I.H=1.24**

**C.R.H=0.06864**

**c4原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |
| **行總和** | **1.333333** | **4** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.75 | 0.75 |
| **B新建倉** | 0.25 | 0.25 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.75 | 0.75 | **0.75** |
| **B新建倉** | 0.25 | 0.25 | **0.25** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.75+3x0.25)/0.75+(0.333333x0.75+1x0.25)/0.25)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.08511**

**R.I.H=1.24**

**C.R.H=0.06864**

**c5原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1 |
| **B新建倉** | 1 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1 |
| **B新建倉** | 1 | 1 |
| **行總和** | **2** | **2** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.5 | 0.5 |
| **B新建倉** | 0.5 | 0.5 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.5 | 0.5 | **0.5** |
| **B新建倉** | 0.5 | 0.5 | **0.5** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.5+1x0.5)/0.5+(1x0.5+1x0.5)/0.5)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.08511**

**R.I.H=1.24**

**C.R.H=0.06864**

**c6原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1 |
| **B新建倉** | 1 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1 |
| **B新建倉** | 1 | 1 |
| **行總和** | **2** | **2** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.5 | 0.5 |
| **B新建倉** | 0.5 | 0.5 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.5 | 0.5 | **0.5** |
| **B新建倉** | 0.5 | 0.5 | **0.5** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.5+1x0.5)/0.5+(1x0.5+1x0.5)/0.5)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.08511**

**R.I.H=1.24**

**C.R.H=0.06864**

**權重排名：**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **構面** | **準則** | **局部權重** | **整體權重** | **排名** |
| **選擇林口倉用地** | **c1** | **0.048215** | **0.048215** | **6** |
| **選擇林口倉用地** | **c2** | **0.245885** | **0.245885** | **2** |
| **選擇林口倉用地** | **c3** | **0.265563** | **0.265563** | **1** |
| **選擇林口倉用地** | **c4** | **0.237983** | **0.237983** | **3** |
| **選擇林口倉用地** | **c5** | **0.142641** | **0.142641** | **4** |
| **選擇林口倉用地** | **c6** | **0.059709** | **0.059709** | **5** |

**專案名稱：選擇林口倉用地**

**合併計算結果**

**匯出日期：2024/6/8**

**選擇林口倉用地原始矩陣：**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** |
| **c1** | 1 | 0.267142 | 0.394241 | 0.421685 | 0.415244 | 0.525306 |
| **c2** | 3.743324 | 1 | 1 | 2.141127 | 3.68011 | 3.68011 |
| **c3** | 2.536517 | 1 | 1 | 1.718772 | 1.245731 | 2.667269 |
| **c4** | 2.371441 | 0.467044 | 0.581811 | 1 | 1 | 1.37973 |
| **c5** | 2.408225 | 0.271731 | 0.802742 | 1 | 1 | 1.551846 |
| **c6** | 1.903654 | 0.271731 | 0.374915 | 0.72478 | 0.644394 | 1 |

**一、計算行總和：**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** |
| **c1** | 1 | 0.267142 | 0.394241 | 0.421685 | 0.415244 | 0.525306 |
| **c2** | 3.743324 | 1 | 1 | 2.141127 | 3.68011 | 3.68011 |
| **c3** | 2.536517 | 1 | 1 | 1.718772 | 1.245731 | 2.667269 |
| **c4** | 2.371441 | 0.467044 | 0.581811 | 1 | 1 | 1.37973 |
| **c5** | 2.408225 | 0.271731 | 0.802742 | 1 | 1 | 1.551846 |
| **c6** | 1.903654 | 0.271731 | 0.374915 | 0.72478 | 0.644394 | 1 |
| **行總和** | **13.963161** | **3.277648** | **4.153709** | **7.006364** | **7.985478** | **10.804259** |

**二、將矩陣內數字除以行總和：**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** |
| **c1** | 0.071617 | 0.081504 | 0.094913 | 0.060186 | 0.052 | 0.04862 |
| **c2** | 0.268086 | 0.305097 | 0.240749 | 0.305598 | 0.46085 | 0.340617 |
| **c3** | 0.181658 | 0.305097 | 0.240749 | 0.245316 | 0.156 | 0.246872 |
| **c4** | 0.169836 | 0.142494 | 0.14007 | 0.142727 | 0.125227 | 0.127702 |
| **c5** | 0.17247 | 0.082904 | 0.193259 | 0.142727 | 0.125227 | 0.143633 |
| **c6** | 0.136334 | 0.082904 | 0.09026 | 0.103446 | 0.080696 | 0.092556 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **選擇林口倉用地** | **c1** | **c2** | **c3** | **c4** | **c5** | **c6** | **權重(W)** |
| **c1** | 0.071617 | 0.081504 | 0.094913 | 0.060186 | 0.052 | 0.04862 | **0.06814** |
| **c2** | 0.268086 | 0.305097 | 0.240749 | 0.305598 | 0.46085 | 0.340617 | **0.320166** |
| **c3** | 0.181658 | 0.305097 | 0.240749 | 0.245316 | 0.156 | 0.246872 | **0.229282** |
| **c4** | 0.169836 | 0.142494 | 0.14007 | 0.142727 | 0.125227 | 0.127702 | **0.141343** |
| **c5** | 0.17247 | 0.082904 | 0.193259 | 0.142727 | 0.125227 | 0.143633 | **0.14337** |
| **c6** | 0.136334 | 0.082904 | 0.09026 | 0.103446 | 0.080696 | 0.092556 | **0.097699** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.06814+0.267142x0.320166+0.394241x0.229282+0.421685x0.141343+0.415244x0.14337+0.525306x0.097699)/0.06814+(3.743324x0.06814+1x0.320166+1x0.229282+2.141127x0.141343+3.68011x0.14337+3.68011x0.097699)/0.320166+(2.536517x0.06814+1x0.320166+1x0.229282+1.718772x0.141343+1.245731x0.14337+2.667269x0.097699)/0.229282+(2.371441x0.06814+0.467044x0.320166+0.581811x0.229282+1x0.141343+1x0.14337+1.37973x0.097699)/0.141343+(2.408225x0.06814+0.271731x0.320166+0.802742x0.229282+1x0.141343+1x0.14337+1.551846x0.097699)/0.14337+(1.903654x0.06814+0.271731x0.320166+0.374915x0.229282+0.72478x0.141343+0.644394x0.14337+1x0.097699)/0.097699)/6=6.120226

**C.I.=(6.120226-6)/(6-1)=0.024045**

**C.R.=0.024045/1.24=0.019391**

**C.I.H=0.02405**

**R.I.H=1.24**

**C.R.H=0.01939**

**c1原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 0.245341 |
| **B新建倉** | 4.075966 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 0.245341 |
| **B新建倉** | 4.075966 | 1 |
| **行總和** | **5.075966** | **1.245341** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.197007 | 0.197007 |
| **B新建倉** | 0.802993 | 0.802993 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c1** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.197007 | 0.197007 | **0.197007** |
| **B新建倉** | 0.802993 | 0.802993 | **0.802993** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.197007+0.245341x0.802993)/0.197007+(4.075966x0.197007+1x0.802993)/0.802993)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.02405**

**R.I.H=1.24**

**C.R.H=0.01939**

**c2原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1.838416 |
| **B新建倉** | 0.543946 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1.838416 |
| **B新建倉** | 0.543946 | 1 |
| **行總和** | **1.543946** | **2.838416** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.647691 | 0.647691 |
| **B新建倉** | 0.352309 | 0.352309 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c2** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.647691 | 0.647691 | **0.647691** |
| **B新建倉** | 0.352309 | 0.352309 | **0.352309** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.647691+1.838416x0.352309)/0.647691+(0.543946x0.647691+1x0.352309)/0.352309)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.02405**

**R.I.H=1.24**

**C.R.H=0.01939**

**c3原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1 |
| **B新建倉** | 1 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1 |
| **B新建倉** | 1 | 1 |
| **行總和** | **2** | **2** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.5 | 0.5 |
| **B新建倉** | 0.5 | 0.5 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c3** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.5 | 0.5 | **0.5** |
| **B新建倉** | 0.5 | 0.5 | **0.5** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.5+1x0.5)/0.5+(1x0.5+1x0.5)/0.5)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.02405**

**R.I.H=1.24**

**C.R.H=0.01939**

**c4原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 3 |
| **B新建倉** | 0.333333 | 1 |
| **行總和** | **1.333333** | **4** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.75 | 0.75 |
| **B新建倉** | 0.25 | 0.25 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c4** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.75 | 0.75 | **0.75** |
| **B新建倉** | 0.25 | 0.25 | **0.25** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.75+3x0.25)/0.75+(0.333333x0.75+1x0.25)/0.25)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.02405**

**R.I.H=1.24**

**C.R.H=0.01939**

**c5原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1.551846 |
| **B新建倉** | 0.644394 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1.551846 |
| **B新建倉** | 0.644394 | 1 |
| **行總和** | **1.644394** | **2.551846** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.608127 | 0.608127 |
| **B新建倉** | 0.391873 | 0.391873 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c5** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.608127 | 0.608127 | **0.608127** |
| **B新建倉** | 0.391873 | 0.391873 | **0.391873** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.608127+1.551846x0.391873)/0.608127+(0.644394x0.608127+1x0.391873)/0.391873)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.02405**

**R.I.H=1.24**

**C.R.H=0.01939**

**c6原始矩陣：**

|  |  |  |
| --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1.551846 |
| **B新建倉** | 0.644394 | 1 |

**一、計算行總和：**

|  |  |  |
| --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** |
| **A原來倉** | 1 | 1.551846 |
| **B新建倉** | 0.644394 | 1 |
| **行總和** | **1.644394** | **2.551846** |

**二、將矩陣內數字除以行總和：**

|  |  |  |
| --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** |
| **A原來倉** | 0.608127 | 0.608127 |
| **B新建倉** | 0.391873 | 0.391873 |

**三、計算列平均，該數值即為該層級內各因素之權重：**

|  |  |  |  |
| --- | --- | --- | --- |
| **c6** | **A原來倉** | **B新建倉** | **權重(W)** |
| **A原來倉** | 0.608127 | 0.608127 | **0.608127** |
| **B新建倉** | 0.391873 | 0.391873 | **0.391873** |

**四、計算λmax、C.I.、C.R.值：**

**λmax=**

((1x0.608127+1.551846x0.391873)/0.608127+(0.644394x0.608127+1x0.391873)/0.391873)/2=2

**C.I.=(2-2)/(2-1)=0**

**C.R.=0**

**C.I.H=0.02405**

**R.I.H=1.24**

**C.R.H=0.01939**

**權重排名：**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **構面** | **準則** | **局部權重** | **整體權重** | **排名** |
| **選擇林口倉用地** | **c1** | **0.06814** | **0.06814** | **6** |
| **選擇林口倉用地** | **c2** | **0.320165** | **0.320165** | **1** |
| **選擇林口倉用地** | **c3** | **0.229281** | **0.229281** | **2** |
| **選擇林口倉用地** | **c4** | **0.141342** | **0.141342** | **4** |
| **選擇林口倉用地** | **c5** | **0.14337** | **0.14337** | **3** |
| **選擇林口倉用地** | **c6** | **0.097699** | **0.097699** | **5** |