

**Team Members:**    **Wenliang Sun 925251972**  
                              **Yanbo Sun 960797215**

**Always taken**

|                    | bzip2  | equake | hmmer  | mcf    | milc   |
|--------------------|--------|--------|--------|--------|--------|
| sim_total_branches | 212047 | 378285 | 153915 | 271779 | 190531 |
| sim_IPC            | 0.2568 | 0.3649 | 0.2868 | 0.4108 | 0.4029 |

**Always not-taken**

|                    | bzip2  | equake | hmmer  | mcf    | milc   |
|--------------------|--------|--------|--------|--------|--------|
| sim_total_branches | 212047 | 378285 | 153915 | 271779 | 190531 |
| sim_IPC            | 0.2568 | 0.3649 | 0.2868 | 0.4108 | 0.4029 |

**Bimodal**

|                    | bzip2  | equake | hmmer  | mcf    | milc   |
|--------------------|--------|--------|--------|--------|--------|
| sim_total_branches | 212047 | 378285 | 153915 | 271779 | 190531 |
| sim_IPC            | 0.2611 | 0.4476 | 0.3174 | 0.495  | 0.4663 |

**Perfect**

|                    | bzip2  | equake | hmmer  | mcf    | milc   |
|--------------------|--------|--------|--------|--------|--------|
| sim_total_branches | 212047 | 378285 | 153915 | 271779 | 190531 |
| sim_IPC            | 0.2612 | 0.4562 | 0.318  | 0.4992 | 0.4671 |

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| sjeng  |
| 322279 |
| 0.4005 |

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| sjeng  |
| 322279 |
| 0.4005 |

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| sjeng  |
| 322279 |
| 0.4703 |

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| sjeng  |
| 322279 |
| 0.4954 |