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ABSTRACT

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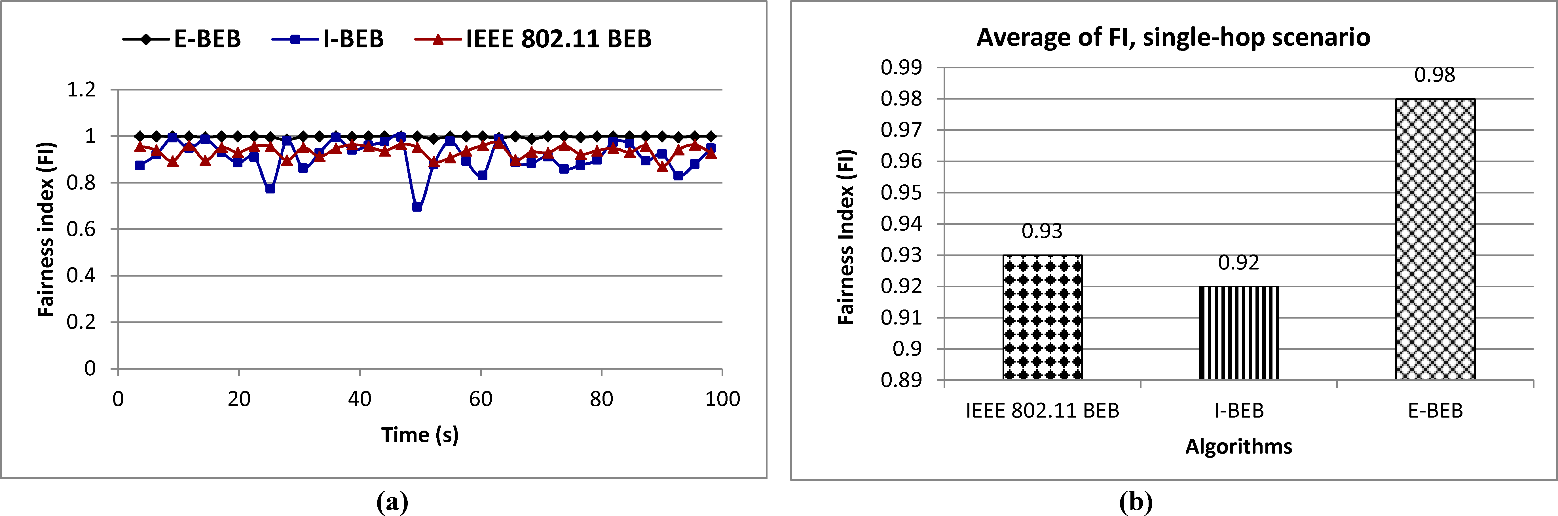
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**Figure 1.** (a) Fairness index, (b) Average Fairness Index

**Table 1.** Table, version 1

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **Value** | **Parameter** | **Value** |
| Slot time | 20 μs | Slot time | 20 μs |
| ACK size | 20 bytes | ACK size | 20 bytes |
| RTS size | 25 bytes | RTS size | 25 bytes |
| CTS size | 20 bytes | CTS size | 20 bytes |
| Data packet size | 1000 bytes | Data packet size | 1000 bytes |
| DIFS interval | 40 μs | DIFS interval | 40 μs |
| SIFS interval | 10 μs | SIFS interval | 10 μs |
| CWmin | 31 | CWmin | 31 |
| CWmax | 1023 | CWmax | 1023 |
| Bandwidth | 2 Mbps | Bandwidth | 2 Mbps |
| Transport protocol | UDP | Transport protocol | UDP |

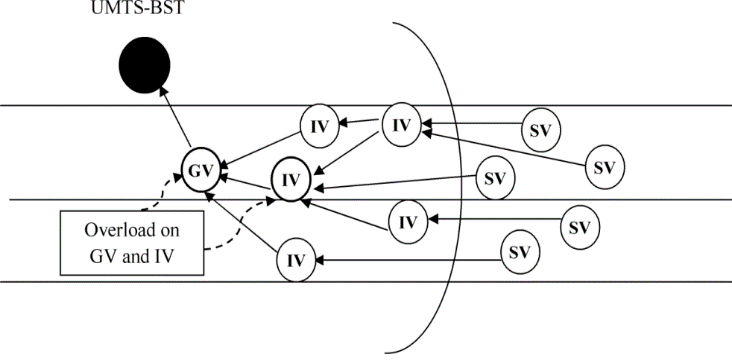
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**Table 2.** Table, version 2

|  |  |
| --- | --- |
| **Parameter** | **Value** |
| Slot time | 20 μs |
| ACK size | 20 bytes |
| RTS size | 25 bytes |
| CTS size | 20 bytes |
| Data packet size | 1000 bytes |
| DIFS interval | 40 μs |
| Bandwidth | 2 Mbps |
| Transport protocol | UDP |



**Figure 2.** Overload on GV and IV vehicles

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