CLAIMS

What is claimed is:

1. A sidelink transmission control method, performed by a transmit terminal and comprising:

determining whether a trigger condition for resource reselection is satisfied; and

performing a first operation in a case that the trigger condition for resource reselection is satisfied, wherein the first operation comprises at least one of resource reselection, modulation and coding scheme MCS adjustment, and power adjustment;

wherein the performing a first operation in a case that the trigger condition for resource reselection is satisfied comprises:

in a case that the trigger condition for resource reselection is satisfied, determining whether a receive terminal is located within a valid communication range; and

performing the first operation in a case that the receive terminal is located within the valid communication range;

wherein in a case that the following condition is satisfied, it is determined that the receive terminal is located within the valid communication range:

the transmit terminal has received reverse information from the receive terminal.

2. The method according to claim 1, wherein the determining whether a trigger condition for resource reselection is satisfied comprises:

in a case that sidelink transmission is transmission of N transport blocks TBs based on hybrid automatic repeat request HARQ feedback, determining, based on a feedback from the receive terminal, whether the trigger condition for resource reselection is satisfied, wherein N is an integer greater than or equal to 1.

3. The method according to claim 2, wherein in a case that at least one of the following conditions is satisfied, it is determined that the trigger condition for resource reselection is satisfied:

consecutive M discontinuous transmissions DTXs or negative acknowledgement NACKs have been detected, wherein M is greater than or equal to a first threshold, or the

total number of TBs corresponding to the consecutive M DTXs or NACKs is greater than or equal to a second threshold;

L DTXs or NACKs within a time window have been detected, wherein L is greater than or equal to a third threshold, or the total number of TBs corresponding to the L DTXs or NACKs within the time window is greater than or equal to a fourth threshold;

consecutive K DTXs or NACKs for initial transmission of TBs have been detected, wherein K is greater than or equal to a fifth threshold, or the total number of TBs corresponding to the consecutive K DTXs or NACKs for initial transmission of TBs is greater than or equal to a sixth threshold; and

P DTXs or NACKs for initial transmission of TBs have been detected, wherein P is greater than or equal to a seventh threshold, or the total number of TBs corresponding to the P DTXs or NACKs for initial transmission of TBs is greater than or equal to an eighth threshold.

4. The method according to claim 3, wherein the DTX comprises at least one of the following:

a DTX transmitted on a periodically reserved resource;

a DTX transmitted on an aperiodically reserved resource; and

a DTX transmitted on a resource reserved by using same sidelink control information SCI;

or,

the NACK comprises at least one of the following:

a NACK transmitted on a periodically reserved resource;

a NACK transmitted on an aperiodically reserved resource; and

a NACK transmitted on a resource reserved by using same SCI.

5. A transmit terminal, comprising a memory, a processor, and a computer program stored in the memory and capable of running on the processor, wherein when the computer program is executed by the processor, the steps of the sidelink transmission control method according to any one of claims 1 to 4 are implemented.