Figure S1: Distance between HSRL-2 retrieval and dropsonde measurement versus a) Hu08 minus dropsonde wind speed and b) CM54 minus dropsonde wind speed to observe how distance affects agreement in wind speed intercomparisons.
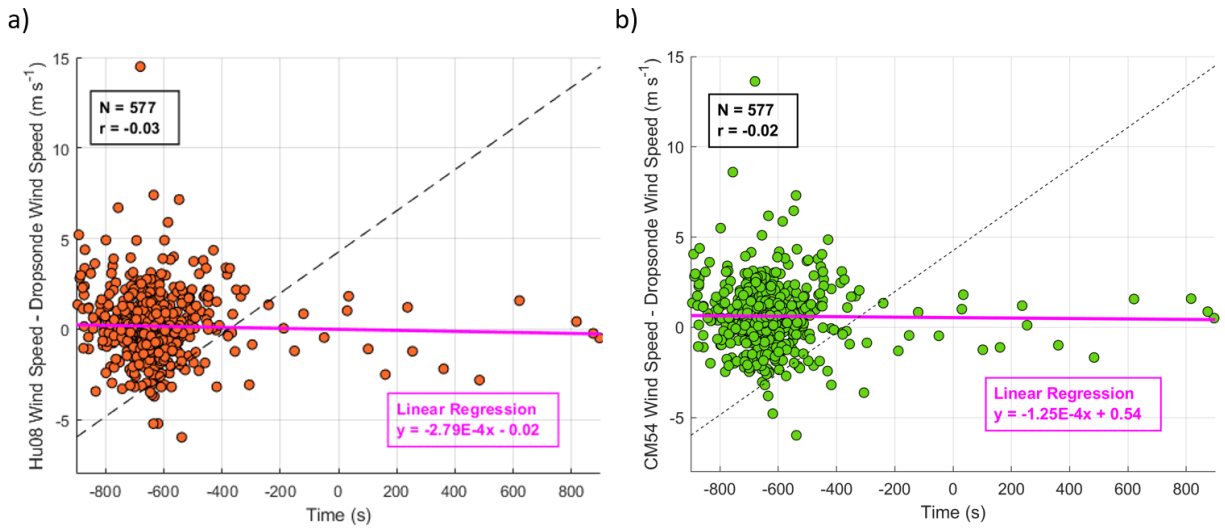
Figure S2: Time between HSRL-2 retrieval and dropsonde measurement versus a) Hu08 minus dropsonde wind speed and b) CM54 minus dropsonde wind speed to observe how time affects agreement in wind speed intercomparisons.