Hit Distance Based on Pitch Speed pitch_type CH 463 CU **O** 450 O 434 400 0 392402 **O** 340 ST O308 SV **O** 287 O 269 hit_distance_sc O 254 O 209 O **O**163 **O**114 **O** 84 **O** 75 **O**3 effective_speed

Effective_speed vs. hit_distance_sc. Color shows details about pitch_type. The view is filtered on Exclusions (effective_speed,hit_distance_sc,pitch_type) and pitch_type. The Exclusions (effective_speed,hit_distance_sc,pitch_type) filter keeps 2,340 members. The pitch_type filter excludes CS and FA.

The only pitch with a positive correlation to distance and velocity is a sweeper - ie, the harder the sweeper, the farther the batter will hit it.