**Queries for FRC 2016 Scouting**

***How to Search:***

**Basic Queries**

* Alliance

Select \* From matchtable Where Alliance = ‘red’

Select \* From matchtable Where Alliance = ‘blue’

Select \* from matchdatatable WHERE (RobotNumber = \_ or RobotNumber = \_ or RobotNumber = \_)

* Robot Number

Select \* From matchtable Where RobotNumber = \_\_

* Match Number

Select \* From matchtable Where Competition LIKE ‘qm\_’

**Other Queries**

* Shots High

SELECT count(\*) FROM matchdata WHERE (gameEvent = 'ShootHigh' AND subEvent = 'Score') AND (robotNumber = 1153 AND Competition = 'qm1')

* Shot Percentage: High Goal (Switch “ShootHigh’ Twice to change to Low Goal)

SELECT

(SELECT count(\*) FROM matchdata WHERE

(gameEvent = 'ShootHigh' AND subEvent = 'Score') AND

(robotNumber = 1153))

/

(SELECT count(\*) FROM matchdata WHERE

(gameEvent = 'ShootHigh')

AND (robotNumber = 1153))

\* 100

New Database Find Out Which Defenses an Alliance Can’t Do

select \* from matchdata

where (gameEvent = 'Portcullis'

and subEvent = 'Cross')

and (robotNumber = 1153 or

robotNumber = 1998 or robotNumber = 6666)

and firstCompetition = '2015ctwat'

Times an Alliance Has Crossed A Defense Total

SELECT

(SELECT count(\*) FROM matchdata WHERE

(gameEvent = 'RoughTerrain' AND subEvent = 'Cross') AND

(robotNumber = 1111 or

RobotNumber = 1153 or

RobotNumber = 125))