```
//  MEASURE 'MSC_Catapult_Activity_Summary'[Measure]
DEFINE
   MEASURE 'MSC_Catapult_Periods_Summary'[period_duration_min] = divide(
   average(MSC_Catapult_Periods_Summary[total_duration]),
   60)
   MEASURE 'MSC_Catapult_Periods_Summary'[period_HSD_per_min] =
divide(AVERAGE(MSC_Catapult_periods_Summary[velocity_band2_total_distance]),
[period_duration_min])
   MEASURE 'MSC_Catapult_Periods_Summary'[period_Hi_effs_per_min] =
divide(AVERAGE(MSC_Catapult_Periods_Summary[hi_efforts]), [period_duration_min])
   MEASURE 'MSC_Catapult_Periods_Summary'[period_Distance_per_min] = divide(
   average(MSC_Catapult_Periods_Summary[total_distance]),[period_duration_min])
   MEASURE 'MSC_Catapult_Activity_Summary'[total_duration_min] = divide(
   average(MSC_Catapult_Activity_Summary[total_duration]),
   60)
   MEASURE 'MSC_Catapult_Activity_Summary'[Distance_per_min] = divide(
   average(MSC_Catapult_Activity_Summary[total_activity_distance]),
   [total_duration_min])
   MEASURE 'MSC_Catapult_Activity_Summary'[HSD_per_min] =
divide(AVERAGE(MSC_Catapult_Activity_Summary[velocity_band2_total_distance]),
[total_duration_min])
   MEASURE 'MSC_Catapult_Activity_Summary'[Hi_effs_per_min] =
divide(AVERAGE(MSC_Catapult_Activity_Summary[hi_efforts]), [total_duration_min])
   MEASURE 'MSC_Catapult_Activity_Summary'[Average PL Past 7 days] = CALCULATE(
   SUM('MSC_Catapult_Activity_Summary'[total_player_load]),
   DATESINPERIOD(
       'MSC_DateTable'[date],
       LASTDATE( 'MSC_DateTable'[date] ),
       -7,
       DAY
   )
)
   / CALCULATE(
       DISTINCTCOUNT( 'MSC_DateTable'[Date] ),
       DATESINPERIOD(
           'MSC_DateTable'[Date],
           LASTDATE( 'MSC_DateTable'[Date] ),
           -7,
           DAY
       )
   )
   MEASURE 'MSC_Catapult_Activity_Summary'[Average PL Past 28 days] = CALCULATE(
```

```
    SUM('MSC_Catapult_Activity_Summary'[total_player_load]),
    DATESINPERIOD(
        'MSC_DateTable'[date],
        LASTDATE( 'MSC_DateTable'[date] ),
        -28,
        DAY
    )
)
    / CALCULATE(
        DISTINCTCOUNT( 'MSC_DateTable'[Date] ),
        DATESINPERIOD(
            'MSC_DateTable'[Date],
            LASTDATE( 'MSC_DateTable'[Date] ),
            -28,
            DAY
        )
    )
    MEASURE 'MSC_Catapult_Activity_Summary'[ACWR PL] = DIVIDE([Average PL Past 7 days],
[Average PL Past 28 days])
    MEASURE 'MSC_Catapult_Activity_Summary'[Average T. Distance Past 28 days] =
CALCULATE(
    SUM(MSC_Catapult_Activity_Summary[total_activity_distance]),
    DATESINPERIOD(
        'MSC_DateTable'[date],
        LASTDATE( 'MSC_DateTable'[date] ),
        -28,
        DAY
    )
)
    / CALCULATE(
        DISTINCTCOUNT( 'MSC_DateTable'[Date] ),
        DATESINPERIOD(
            'MSC_DateTable'[Date],
            LASTDATE( 'MSC_DateTable'[Date] ),
            -28,
            DAY
        )
    )
    MEASURE 'MSC_Catapult_Activity_Summary'[Average T. Distance Past 7 days] =
CALCULATE(
    SUM(MSC_Catapult_Activity_Summary[total_activity_distance]),
    DATESINPERIOD(
```

```
        'MSC_DateTable'[date],
        LASTDATE( 'MSC_DateTable'[date] ),
        -7,
        DAY
    )
)
    / CALCULATE(
        DISTINCTCOUNT( 'MSC_DateTable'[Date] ),
        DATESINPERIOD(
            'MSC_DateTable'[Date],
            LASTDATE( 'MSC_DateTable'[Date] ),
            -7,
            DAY
        )
    )
    MEASURE 'MSC_Catapult_Activity_Summary'[ACWR T. Distance] = DIVIDE([Average T.
Distance Past 7 days], [Average T. Distance Past 28 days])
    MEASURE 'MSC_Catapult_Activity_Summary'[Average HSD Past 28 days] = CALCULATE(
    SUM('MSC_Catapult_Activity_Summary'[velocity_band2_total_distance]),
    DATESINPERIOD(
        'MSC_DateTable'[date],
        LASTDATE( 'MSC_DateTable'[date] ),
        -28,
        DAY
    )
)
    / CALCULATE(
        DISTINCTCOUNT( 'MSC_DateTable'[Date] ),
        DATESINPERIOD(
            'MSC_DateTable'[Date],
            LASTDATE( 'MSC_DateTable'[Date] ),
            -28,
            DAY
        )
    )
    MEASURE 'MSC_Catapult_Activity_Summary'[Average HSD Past 7 days] = CALCULATE(
    SUM('MSC_Catapult_Activity_Summary'[velocity_band2_total_distance]),
    DATESINPERIOD(
        'MSC_DateTable'[date],
        LASTDATE( 'MSC_DateTable'[date] ),
        -7,
        DAY
```

```
    )
)
    / CALCULATE(
        DISTINCTCOUNT( 'MSC_DateTable'[Date] ),
        DATESINPERIOD(
            'MSC_DateTable'[Date],
            LASTDATE( 'MSC_DateTable'[Date] ),
            -7,
            DAY
        )
    )
    MEASURE 'MSC_Catapult_Activity_Summary'[Average Hi Efforts Past 28 days] =
CALCULATE(
    SUM('MSC_Catapult_Activity_Summary'[hi_efforts]),
    DATESINPERIOD(
        'MSC_DateTable'[date],
        LASTDATE( 'MSC_DateTable'[date] ),
        -28,
        DAY
    )
)
    / CALCULATE(
        DISTINCTCOUNT( 'MSC_DateTable'[Date] ),
        DATESINPERIOD(
            'MSC_DateTable'[Date],
            LASTDATE( 'MSC_DateTable'[Date] ),
            -28,
            DAY
        )
    )
    MEASURE 'MSC_Catapult_Activity_Summary'[Average Hi Efforts Past 7 days] =
CALCULATE(
    SUM('MSC_Catapult_Activity_Summary'[hi_efforts]),
    DATESINPERIOD(
        'MSC_DateTable'[date],
        LASTDATE( 'MSC_DateTable'[date] ),
        -7,
        DAY
    )
)
    / CALCULATE(
        DISTINCTCOUNT( 'MSC_DateTable'[Date] ),
```

```
        DATESINPERIOD(
            'MSC_DateTable'[Date],
            LASTDATE( 'MSC_DateTable'[Date] ),
            -7,
            DAY
        )
    )
    MEASURE 'MSC_Catapult_Activity_Summary'[Average Hi Accels Past 28 days] =
CALCULATE(
    SUM('MSC_Catapult_Activity_Summary'[Hi_Accels_Efforts]),
    DATESINPERIOD(
        'MSC_DateTable'[date],
        LASTDATE( 'MSC_DateTable'[date] ),
        -28,
        DAY
    )
)
    / CALCULATE(
        DISTINCTCOUNT( 'MSC_DateTable'[Date] ),
        DATESINPERIOD(
            'MSC_DateTable'[Date],
            LASTDATE( 'MSC_DateTable'[Date] ),
            -28,
            DAY
        )
    )
    MEASURE 'MSC_Catapult_Activity_Summary'[Average Hi Accels Past 7 days] = CALCULATE(
    SUM('MSC_Catapult_Activity_Summary'[Hi_Accels_Efforts]),
    DATESINPERIOD(
        'MSC_DateTable'[date],
        LASTDATE( 'MSC_DateTable'[date] ),
        -7,
        DAY
    )
)
    / CALCULATE(
        DISTINCTCOUNT( 'MSC_DateTable'[Date] ),
        DATESINPERIOD(
            'MSC_DateTable'[Date],
            LASTDATE( 'MSC_DateTable'[Date] ),
            -7,
            DAY
```

```
        )
    )
    MEASURE 'MSC_Catapult_Activity_Summary'[Average Hi Decels Past 28 days] =
CALCULATE(
    SUM('MSC_Catapult_Activity_Summary'[Hi_Decels_Efforts]),
    DATESINPERIOD(
        'MSC_DateTable'[date],
        LASTDATE( 'MSC_DateTable'[date] ),
        -28,
        DAY
    )
)
    / CALCULATE(
        DISTINCTCOUNT( 'MSC_DateTable'[Date] ),
        DATESINPERIOD(
            'MSC_DateTable'[Date],
            LASTDATE( 'MSC_DateTable'[Date] ),
            -28,
            DAY
        )
    )
    MEASURE 'MSC_Catapult_Activity_Summary'[Average Hi Decels Past 7 days] = CALCULATE(
    SUM('MSC_Catapult_Activity_Summary'[Hi_Decels_Efforts]),
    DATESINPERIOD(
        'MSC_DateTable'[date],
        LASTDATE( 'MSC_DateTable'[date] ),
        -7,
        DAY
    )
)
    / CALCULATE(
        DISTINCTCOUNT( 'MSC_DateTable'[Date] ),
        DATESINPERIOD(
            'MSC_DateTable'[Date],
            LASTDATE( 'MSC_DateTable'[Date] ),
            -7,
            DAY
        )
    )
    MEASURE 'MSC_Catapult_Activity_Summary'[ACWR HSD] = DIVIDE([Average HSD Past 7
days], [Average HSD Past 28 days])
```

```
   MEASURE 'MSC_Catapult_Activity_Summary'[ACWR Hi Accels] = DIVIDE([Average Hi Accels
Past 7 days], [Average Hi Accels Past 28 days])
   MEASURE 'MSC_Catapult_Activity_Summary'[ACWR Hi Decels] = DIVIDE([Average Hi Decels
Past 7 days], [Average Hi Decels Past 28 days])
   MEASURE 'MSC_Catapult_Activity_Summary'[ACWR Hi Efforts] = DIVIDE([Average Hi
Efforts Past 7 days], [Average Hi Efforts Past 28 days])
   MEASURE 'MSC_Catapult_Activity_Summary'[%ofMax Speed] = VAR AthleteMaxVelocity =
   MAX('MSC_Catapult_Activity_Summary'[athlete_max_velocity])
VAR DailyMaxVelocity =
   MAX(MSC_Catapult_Activity_Summary[max_vel])
RETURN
   DIVIDE(DailyMaxVelocity, AthleteMaxVelocity, 0)
   MEASURE 'MSC_Catapult_Activity_Summary'[Hi_Accels_Distance_per_min] =
divide(AVERAGE(MSC_Catapult_Activity_Summary[Hi_Accels_Distance]),
[total_duration_min])
   MEASURE 'MSC_Catapult_Activity_Summary'[Hi_Accels_Efforts_per_min] =
divide(AVERAGE(MSC_Catapult_Activity_Summary[Hi_Accels_Efforts]),
[total_duration_min])
   MEASURE 'MSC_Catapult_Activity_Summary'[Hi_Decels_Distance_per_min] =
divide(AVERAGE(MSC_Catapult_Activity_Summary[Hi_Decels_Distance]),
[total_duration_min])
   MEASURE 'MSC_Catapult_Activity_Summary'[Hi_Decels_Efforts_per_min] =
divide(AVERAGE(MSC_Catapult_Activity_Summary[Hi_Decels_Efforts]),
[total_duration_min])
   MEASURE 'MSC_Catapult_Activity_Summary'[AveragePlayerLoadPerActivity] = CALCULATE(
   AVERAGEX(
       VALUES(MSC_Catapult_Activity_Summary[activity_name]),
       CALCULATE(
           AVERAGE(MSC_Catapult_Activity_Summary[total_player_load])
       )
   )
)
   MEASURE 'MSC_Catapult_Activity_Summary'[AveragePlayerLoadAcrossActivities] =
AVERAGEX(
   VALUES(MSC_Catapult_Activity_Summary[activity_name]),
   [AveragePlayerLoadPerActivity]
)
   MEASURE 'MSC_Catapult_Activity_Summary'[AverageDistancePerActivity] = CALCULATE(
   // Calculate the average across all activities
   AVERAGEX(
       // Iterate over each distinct activity
       VALUES(MSC_Catapult_Activity_Summary[activity_name]),
```

```
        // For each activity, calculate the average distance
        CALCULATE(
            AVERAGE(MSC_Catapult_Activity_Summary[total_activity_distance])
        )
    )
)
    MEASURE 'MSC_Catapult_Activity_Summary'[AverageHSDPerActivity] = CALCULATE(
    // Calculate the average across all activities
    AVERAGEX(
        // Iterate over each distinct activity
        VALUES(MSC_Catapult_Activity_Summary[activity_name]),

        // For each activity, calculate the average hi distance
        CALCULATE(
            AVERAGE(MSC_Catapult_Activity_Summary[hi_speed_distance])
        )
    )
)
    MEASURE 'MSC_Catapult_Activity_Summary'[AverageHiEffortsPerActivity] = CALCULATE(
    // Calculate the average across all activities
    AVERAGEX(
        // Iterate over each distinct activity
        VALUES(MSC_Catapult_Activity_Summary[activity_name]),

        // For each activity, calculate the average high efforts
        CALCULATE(
            AVERAGE(MSC_Catapult_Activity_Summary[hi_efforts])
        )
    )
)
    MEASURE 'MSC_Catapult_Activity_Summary'[AveragePL/MinPerActivity] = CALCULATE(
    // Calculate the average across all activities
    AVERAGEX(
        // Iterate over each distinct activity
        VALUES(MSC_Catapult_Activity_Summary[activity_name]),

        // For each activity, calculate the average plpm
        CALCULATE(
            AVERAGE(MSC_Catapult_Activity_Summary[player_load_per_minute])
        )
    )
```

```
)
   MEASURE 'MSC_Catapult_Activity_Summary'[AverageDist/MinPerActivity] = AVERAGEX(
   // Iterate over each distinct activity
   VALUES(MSC_Catapult_Activity_Summary[activity_name]),
    (MSC_Catapult_Activity_Summary[Distance_per_min])
)
   MEASURE 'MSC_Catapult_Activity_Summary'[AverageDistanceAcrossActivities] =
AVERAGEX(
   VALUES(MSC_Catapult_Activity_Summary[activity_name]),
   [AverageDistancePerActivity]
)
   MEASURE 'MSC_Catapult_Activity_Summary'[AverageHiEffortscrossActivities] =
AVERAGEX(
   VALUES(MSC_Catapult_Activity_Summary[activity_name]),
   [AverageHiEffortsPerActivity]
)
   MEASURE 'MSC_Catapult_Activity_Summary'[AverageHSDAcrossActivities] = AVERAGEX(
   VALUES(MSC_Catapult_Activity_Summary[activity_name]),
   [AverageHSDPerActivity]
)
   MEASURE 'MSC_Catapult_Activity_Summary'[AveragePl/MinAcrossActivities] = AVERAGEX(
   VALUES(MSC_Catapult_Activity_Summary[activity_name]),
   [AveragePL/MinPerActivity]
)
   MEASURE 'MSC_Catapult_Activity_Summary'[AverageHSD/MinPerActivity] = AVERAGEX(
   // Iterate over each distinct activity
   VALUES(MSC_Catapult_Activity_Summary[activity_name]),
    (MSC_Catapult_Activity_Summary[HSD_per_min])
)
   MEASURE 'MSC_Catapult_Activity_Summary'[AverageHi EFfs/MinPerActivity] = AVERAGEX(
   // Iterate over each distinct activity
   VALUES(MSC_Catapult_Activity_Summary[activity_name]),
    (MSC_Catapult_Activity_Summary[Hi_effs_per_min])
)
   MEASURE 'MSC_Catapult_Activity_Summary'[SumOfPlayerLoadAcrossActivities] = SUMX(
   VALUES(MSC_Catapult_Activity_Summary[activity_name]),  // Table of distinct
activities
   [AveragePlayerLoadPerActivity]                          // Measure to sum
)
   MEASURE 'MSC_Catapult_Activity_Summary'[SumOfDistanceAcrossActivities] = SUMX(
   VALUES(MSC_Catapult_Activity_Summary[activity_name]),  // Table of distinct
activities
```

```
    [AverageDistancePerActivity]                          // Measure to sum
)
    MEASURE 'MSC_Catapult_Activity_Summary'[SumOfHSDAcrossActivities] = SUMX(
    VALUES(MSC_Catapult_Activity_Summary[activity_name]),  // Table of distinct
activities
    [AverageHSDPerActivity]                          // Measure to sum
)
    MEASURE 'MSC_Catapult_Activity_Summary'[SumOfPl/MinAcrossActivities] = SUMX(
    VALUES(MSC_Catapult_Activity_Summary[activity_name]),  // Table of distinct
activities
    [AveragePL/MinPerActivity]                          // Measure to sum
)
    MEASURE 'MSC_Catapult_Activity_Summary'[SumOfDist/MinAcrossActivities] = SUMX(
    VALUES(MSC_Catapult_Activity_Summary[activity_name]),  // Table of distinct
activities
    [AverageDist/MinPerActivity]                          // Measure to sum
)
    MEASURE 'MSC_Catapult_Activity_Summary'[SumOfHSD/MinAcrossActivities] = SUMX(
    VALUES(MSC_Catapult_Activity_Summary[activity_name]),  // Table of distinct
activities
    [AverageHSD/MinPerActivity]                          // Measure to sum
)
    MEASURE 'MSC_Catapult_Activity_Summary'[SumOfHiEffs/MinAcrossActivities] = SUMX(
    VALUES(MSC_Catapult_Activity_Summary[activity_name]),  // Table of distinct
activities
    [AverageHi EFfs/MinPerActivity]                          // Measure to sum
)
    MEASURE 'MSC_Catapult_Activity_Summary'[TotalDistancePerAthlete] = SUMX(
    VALUES(MSC_Catapult_Activity_Summary[athlete_id]),
    CALCULATE(SUM(MSC_Catapult_Activity_Summary[total_activity_distance]))
)
    MEASURE 'MSC_Catapult_Activity_Summary'[AvgTotalDistance] = AVERAGEX(
    VALUES(MSC_Catapult_Activity_Summary[athlete_id]),
    CALCULATE(SUM(MSC_Catapult_Activity_Summary[total_activity_distance]))
)
    MEASURE 'MSC_Catapult_Activity_Summary'[ConcatenatedActivities] = CONCATENATEX(
    FILTER(
        MSC_Catapult_Activity_Summary,
        [athlete_id] = MAX(MSC_Catapult_Activity_Summary[athlete_id]) &&
        [activity_date] = MAX(MSC_Catapult_Activity_Summary[activity_date])
    ),
    MSC_Catapult_Activity_Summary[activity_name],
```

```
    ", ",
    MSC_Catapult_Activity_Summary[activity_name],
    ASC
)
    MEASURE 'MSC_Catapult_Activity_Summary'[AvgTotalPlayerLoad] = AVERAGEX(
    VALUES(MSC_Catapult_Activity_Summary[athlete_id]),
    CALCULATE(SUM(MSC_Catapult_Activity_Summary[total_player_load]))
)
    MEASURE 'MSC_Catapult_Activity_Summary'[AvgTotalHSD] = AVERAGEX(
    VALUES(MSC_Catapult_Activity_Summary[athlete_id]),
    CALCULATE(SUM(MSC_Catapult_Activity_Summary[velocity_band2_total_distance]))
)
    MEASURE 'MSC_Catapult_Activity_Summary'[AvgTotalPlayerLoad/Min] = AVERAGEX(
    VALUES(MSC_Catapult_Activity_Summary[athlete_id]),
    CALCULATE(SUM(MSC_Catapult_Activity_Summary[player_load_per_minute]))
)
    MEASURE 'MSC_Catapult_Activity_Summary'[AvgTotalDistance/Min] = AVERAGEX(
    VALUES(MSC_Catapult_Activity_Summary[athlete_id]),
    [Distance_per_min]
)
    MEASURE 'MSC_Catapult_Activity_Summary'[AvgTotalHSD/Min] = AVERAGEX(
    VALUES(MSC_Catapult_Activity_Summary[athlete_id]),
    [HSD_per_min]
)
    MEASURE 'MSC_Catapult_Activity_Summary'[AvgTotalHiEffs/Min] = AVERAGEX(
    VALUES(MSC_Catapult_Activity_Summary[athlete_id]),
    [Hi_effs_per_min]
)
    MEASURE 'MSC_Catapult_Activity_Summary'[AvgHiEffs] = AVERAGEX(
    VALUES(MSC_Catapult_Activity_Summary[athlete_id]),
    CALCULATE(SUM(MSC_Catapult_Activity_Summary[hi_efforts]))
)
    MEASURE 'MSC_Catapult_Activity_Summary'[*Average T. Distance Past 28 days] =
CALCULATE(
    [TotalDistancePerAthlete],
    DATESINPERIOD(
        'MSC_DateTable'[date],
        LASTDATE( 'MSC_DateTable'[date] ),
        -28,
        DAY
    )
)
```

```
    / CALCULATE(
        DISTINCTCOUNT( 'MSC_DateTable'[Date] ),
        DATESINPERIOD(
            'MSC_DateTable'[Date],
            LASTDATE( 'MSC_DateTable'[Date] ),
            -28,
            DAY
        )
    )
    MEASURE 'MSC_Catapult_Activity_Summary'[*Average T. Distance Past 7 days] =
CALCULATE(
    [TotalDistancePerAthlete],
    DATESINPERIOD(
        'MSC_DateTable'[date],
        LASTDATE( 'MSC_DateTable'[date] ),
        -7,
        DAY
    )
)
    / CALCULATE(
        DISTINCTCOUNT( 'MSC_DateTable'[Date] ),
        DATESINPERIOD(
            'MSC_DateTable'[Date],
            LASTDATE( 'MSC_DateTable'[Date] ),
            -7,
            DAY
        )
    )
    MEASURE 'MSC_Catapult_Activity_Summary'[*ACWR T. Distance] = DIVIDE([*Average T.
Distance Past 7 days], [*Average T. Distance Past 28 days])
    MEASURE 'MSC_Catapult_Activity_Summary'[EWMA Dist-7-day] = VAR Dist7PDMA =
CALCULATE([Average T. Distance Past 7 days], PREVIOUSDAY(MSC_DateTable[date]))
//Calculate the previous day's average 7 day value
RETURN
((2 / (7 + 1)) * ([Total_Distance] - Dist7PDMA)) + Dist7PDMA
// 25% of the weight is applied to the most recent data point.
    MEASURE 'MSC_Catapult_Activity_Summary'[Total_Distance] =
SUM('MSC_Catapult_Activity_Summary'[total_activity_distance])
    MEASURE 'MSC_Catapult_Activity_Summary'[EWMA Dist-21-day] = var Dist21PDMA =
CALCULATE([Decoupled Dist-21-day],PREVIOUSDAY(MSC_DateTable[date]))
//Calculate the previous day's average 21 day value excluding the most recent 7 days
return
```

```
((2/(21+1))*([Total_Distance]-Dist21PDMA))+Dist21PDMA
//This factor gives (approximately 9.09%) more weight to the most recent day's
distance.
   MEASURE 'MSC_Catapult_Activity_Summary'[Decoupled Dist-21-day] = //calculate an
average value over a specific 21-day period, excluding the most recent 7 days
VAR sum_dist =
   CALCULATE (
       [Total_Distance],
       FILTER (
           ALL (MSC_DateTable[date]),
           MSC_DateTable[date] <= MAX ( MSC_DateTable[date] ) - 7 &&
           MSC_DateTable[date] >= MAX ( MSC_DateTable[date] ) - 27
       )
   )

VAR count_days_dist =
   CALCULATE (
       DISTINCTCOUNT(MSC_DateTable[date]),
       FILTER (
           ALL (MSC_DateTable[date]),
           MSC_DateTable[date] <= MAX ( MSC_DateTable[date] ) - 7 &&
           MSC_DateTable[date] >= MAX ( MSC_DateTable[date] ) - 27
       )
   )

RETURN
DIVIDE(sum_dist, count_days_dist)
   MEASURE 'MSC_Catapult_Activity_Summary'[ACWR T. Dist w/ EWMA] = DIVIDE([EWMA
Dist-7-day],[EWMA Dist-21-day])
   MEASURE 'MSC_Catapult_Activity_Summary'[Total_PL] =
SUM('MSC_Catapult_Activity_Summary'[total_player_load])
   MEASURE 'MSC_Catapult_Activity_Summary'[Total_HSD] =
SUM('MSC_Catapult_Activity_Summary'[velocity_band2_total_distance])
   MEASURE 'MSC_Catapult_Activity_Summary'[Total_HiEfforts] =
SUM('MSC_Catapult_Activity_Summary'[hi_efforts])
   MEASURE 'MSC_Catapult_Activity_Summary'[Total_HiAccels] =
SUM('MSC_Catapult_Activity_Summary'[Hi_Accels_Efforts])
   MEASURE 'MSC_Catapult_Activity_Summary'[Total_HiDecels] =
SUM('MSC_Catapult_Activity_Summary'[Hi_Decels_Efforts])
   MEASURE 'MSC_Catapult_Activity_Summary'[Decoupled Load-21-day] = //calculate an
average value over a specific 21-day period, excluding the most recent 7 days
VAR sum_value =
```

```
    CALCULATE (
        [Total_PL],
        FILTER (
            ALL (MSC_DateTable[date]),
            MSC_DateTable[date] <= MAX ( MSC_DateTable[date] ) - 7 &&
            MSC_DateTable[date] >= MAX ( MSC_DateTable[date] ) - 27
        )
    )

VAR count_day =
    CALCULATE (
        DISTINCTCOUNT(MSC_DateTable[date]),
        FILTER (
            ALL (MSC_DateTable[date]),
            MSC_DateTable[date] <= MAX ( MSC_DateTable[date] ) - 7 &&
            MSC_DateTable[date] >= MAX ( MSC_DateTable[date] ) - 27
        )
    )

RETURN
DIVIDE(sum_value, count_day)
    MEASURE 'MSC_Catapult_Activity_Summary'[Decoupled HSD-21-day] = //calculate an
average value over a specific 21-day period, excluding the most recent 7 days
VAR sum_value =
    CALCULATE (
        [Total_HSD],
        FILTER (
            ALL (MSC_DateTable[date]),
            MSC_DateTable[date] <= MAX ( MSC_DateTable[date] ) - 7 &&
            MSC_DateTable[date] >= MAX ( MSC_DateTable[date] ) - 27
        )
    )

VAR count_days =
    CALCULATE (
        DISTINCTCOUNT(MSC_DateTable[date]),
        FILTER (
            ALL (MSC_DateTable[date]),
            MSC_DateTable[date] <= MAX ( MSC_DateTable[date] ) - 7 &&
            MSC_DateTable[date] >= MAX ( MSC_DateTable[date] ) - 27
        )
    )
```

```
RETURN
DIVIDE(sum_value, count_days)
   MEASURE 'MSC_Catapult_Activity_Summary'[Decoupled HiEfforts-21-day] = //calculate
an average value over a specific 21-day period, excluding the most recent 7 days
VAR sum_value =
   CALCULATE (
       [Total_HiEfforts],
       FILTER (
           ALL (MSC_DateTable[date]),
           MSC_DateTable[date] <= MAX ( MSC_DateTable[date] ) - 7 &&
           MSC_DateTable[date] >= MAX ( MSC_DateTable[date] ) - 27
       )
   )

VAR count_days =
   CALCULATE (
       DISTINCTCOUNT(MSC_DateTable[date]),
       FILTER (
           ALL (MSC_DateTable[date]),
           MSC_DateTable[date] <= MAX ( MSC_DateTable[date] ) - 7 &&
           MSC_DateTable[date] >= MAX ( MSC_DateTable[date] ) - 27
       )
   )

RETURN
DIVIDE(sum_value, count_days)
   MEASURE 'MSC_Catapult_Activity_Summary'[Decoupled HiAccels-21-day] = //calculate an
average value over a specific 21-day period, excluding the most recent 7 days
VAR sum_value =
   CALCULATE (
       [Total_HiAccels],
       FILTER (
           ALL (MSC_DateTable[date]),
           MSC_DateTable[date] <= MAX ( MSC_DateTable[date] ) - 7 &&
           MSC_DateTable[date] >= MAX ( MSC_DateTable[date] ) - 27
       )
   )

VAR count_days =
   CALCULATE (
       DISTINCTCOUNT(MSC_DateTable[date]),
```

```
        FILTER (
            ALL (MSC_DateTable[date]),
            MSC_DateTable[date] <= MAX ( MSC_DateTable[date] ) - 7 &&
            MSC_DateTable[date] >= MAX ( MSC_DateTable[date] ) - 27
        )
    )

RETURN
DIVIDE(sum_value, count_days)
    MEASURE 'MSC_Catapult_Activity_Summary'[Decoupled HiDecels-21-day] = //calculate an
average value over a specific 21-day period, excluding the most recent 7 days
VAR sum_value =
    CALCULATE (
        [Total_HiDecels],
        FILTER (
            ALL (MSC_DateTable[date]),
            MSC_DateTable[date] <= MAX ( MSC_DateTable[date] ) - 7 &&
            MSC_DateTable[date] >= MAX ( MSC_DateTable[date] ) - 27
        )
    )

VAR count_days =
    CALCULATE (
        DISTINCTCOUNT(MSC_DateTable[date]),
        FILTER (
            ALL (MSC_DateTable[date]),
            MSC_DateTable[date] <= MAX ( MSC_DateTable[date] ) - 7 &&
            MSC_DateTable[date] >= MAX ( MSC_DateTable[date] ) - 27
        )
    )

RETURN
DIVIDE(sum_value, count_days)
    MEASURE 'MSC_Catapult_Activity_Summary'[EWMA Load-21-day] = var Load21PDMA =
CALCULATE([Decoupled Load-21-day],PREVIOUSDAY(MSC_DateTable[date]))
//Calculate the previous day's average 21 day value excluding the most recent 7 days
return
((2/(21+1))*([Total_PL]-Load21PDMA))+Load21PDMA
//This factor gives (approximately 9.09%) more weight to the most recent day's
distance.
    MEASURE 'MSC_Catapult_Activity_Summary'[EWMA Load-7-day] = VAR PDMA_7D =
CALCULATE([Average PL Past 7 days], PREVIOUSDAY(MSC_DateTable[date]))
```

```
//Calculate the previous day's average 7 day value
RETURN
((2 / (7 + 1)) * ([Total_PL] - PDMA_7D)) + PDMA_7D
// 25% of the weight is applied to the most recent data point.
   MEASURE 'MSC_Catapult_Activity_Summary'[EWMA HSD-7-day] = VAR PDMA_7D =
CALCULATE([Average HSD Past 7 days], PREVIOUSDAY(MSC_DateTable[date]))
//Calculate the previous day's average 7 day value
RETURN
((2 / (7 + 1)) * ([Total_HSD] - PDMA_7D)) + PDMA_7D
// 25% of the weight is applied to the most recent data point.
   MEASURE 'MSC_Catapult_Activity_Summary'[EWMA HiEfforts-7-day] = VAR PDMA_7D =
CALCULATE([Average Hi Efforts Past 7 days], PREVIOUSDAY(MSC_DateTable[date]))
//Calculate the previous day's average 7 day value
RETURN
((2 / (7 + 1)) * ([Total_HiEfforts] - PDMA_7D)) + PDMA_7D
// 25% of the weight is applied to the most recent data point.
   MEASURE 'MSC_Catapult_Activity_Summary'[EWMA HiDecels-7-day] = VAR PDMA_7D =
CALCULATE([Average Hi Decels Past 7 days], PREVIOUSDAY(MSC_DateTable[date]))
//Calculate the previous day's average 7 day value
RETURN
((2 / (7 + 1)) * ([Total_HiDecels] - PDMA_7D)) + PDMA_7D
// 25% of the weight is applied to the most recent data point.
   MEASURE 'MSC_Catapult_Activity_Summary'[EWMA HiAccels-7-day] = VAR PDMA_7D =
CALCULATE([Average Hi Accels Past 7 days], PREVIOUSDAY(MSC_DateTable[date]))
//Calculate the previous day's average 7 day value
RETURN
((2 / (7 + 1)) * ([Total_HiAccels] - PDMA_7D)) + PDMA_7D
// 25% of the weight is applied to the most recent data point.
   MEASURE 'MSC_Catapult_Activity_Summary'[EWMA HSD-21-day] = var PDMA_21 =
CALCULATE([Decoupled HSD-21-day],PREVIOUSDAY(MSC_DateTable[date]))
//Calculate the previous day's average 21 day value excluding the most recent 7 days
return
((2/(21+1))*([Total_HSD]-PDMA_21))+PDMA_21
//This factor gives (approximately 9.09%) more weight to the most recent day's
distance.
   MEASURE 'MSC_Catapult_Activity_Summary'[EWMA HiEfforts-21-day] = var PDMA_21 =
CALCULATE([Decoupled HiEfforts-21-day],PREVIOUSDAY(MSC_DateTable[date]))
//Calculate the previous day's average 21 day value excluding the most recent 7 days
return
((2/(21+1))*([Total_HiEfforts]-PDMA_21))+PDMA_21
//This factor gives (approximately 9.09%) more weight to the most recent day's
distance.
```

```
   MEASURE 'MSC_Catapult_Activity_Summary'[EWMA HiDecels-21-day] = var PDMA_21 =
CALCULATE([Decoupled HiDecels-21-day],PREVIOUSDAY(MSC_DateTable[date]))
//Calculate the previous day's average 21 day value excluding the most recent 7 days
return
((2/(21+1))*([Total_HiDecels]-PDMA_21))+PDMA_21
//This factor gives (approximately 9.09%) more weight to the most recent day's
distance.
   MEASURE 'MSC_Catapult_Activity_Summary'[EWMA HiAccels-21-day] = var PDMA_21 =
CALCULATE([Decoupled HiAccels-21-day],PREVIOUSDAY(MSC_DateTable[date]))
//Calculate the previous day's average 21 day value excluding the most recent 7 days
return
((2/(21+1))*([Total_HiAccels]- PDMA_21))+PDMA_21
//This factor gives (approximately 9.09%) more weight to the most recent day's
distance.
   MEASURE 'MSC_Catapult_Activity_Summary'[ACWR PL w/ EWMA] = DIVIDE([EWMA
Load-7-day],[EWMA Load-21-day])
   MEASURE 'MSC_Catapult_Activity_Summary'[ACWR Hi Accels w/ EWMA] = DIVIDE([EWMA
HiAccels-7-day],[EWMA HiAccels-21-day])
   MEASURE 'MSC_Catapult_Activity_Summary'[ACWR Hi Decels w/ EWMA] = DIVIDE([EWMA
HiDecels-7-day],[EWMA HiDecels-21-day])
   MEASURE 'MSC_Catapult_Activity_Summary'[ACWR HSD w/ EWMA] = DIVIDE([EWMA
HSD-7-day],[EWMA HSD-21-day])
   MEASURE 'MSC_Catapult_Activity_Summary'[ACWR Hi Efforts w/ EWMA] = DIVIDE([EWMA
HiEfforts-7-day],[EWMA HiEfforts-21-day])
   MEASURE 'MSC_Catapult_Activity_Summary'[Top 5 Avg Dist] = CALCULATE(
   AVERAGEX(
       TOPN(
           5,
           MSC_Catapult_Activity_Summary,
           [AvgTotalDistance],
           DESC
       ),
       [AvgTotalDistance]
   ),
   DATESBETWEEN('MSC_DateTable'[date], DATE(2024, 8, 22), DATE(2024, 12, 1)),  //
Valid filter expression
   'MSC_DateTable'[Session_Type] = "Match"  // Another valid filter expression
)
   MEASURE 'MSC_Catapult_Activity_Summary'[%Match Dist] =
IF([AvgTotalDistance],DIVIDE([AvgTotalDistance],[Top 5 Avg Dist]))
   MEASURE 'MSC_Catapult_Activity_Summary'[Weekly Int Dist] = CALCULATE(
   SUM(
```

```
        MSC_Catapult_Activity_Summary[total_activity_distance]
    ),
    FILTER(
        ALL( MSC_DateTable[date]),
        MSC_DateTable[date]
            <= MAX( MSC_DateTable[date])
    ),
    VALUES( MSC_DateTable[Season_Week_Info]),
    VALUES(
        MSC_DateTable[Year]
    )
)
    MEASURE 'MSC_Catapult_Activity_Summary'[Weekly Int Dist-Daily Report] = AVERAGEX (
    ADDCOLUMNS (
        SUMMARIZE (
            MSC_Catapult_Athletes,
            MSC_Catapult_Athletes[Full_Name],
            MSC_Catapult_Athletes[position_name]

        ),
        "Weekly Total Dist", [Weekly Int Dist]
    ),
    [Weekly Total Dist]
)
    MEASURE 'MSC_Catapult_Activity_Summary'[Top 5 Avg PL] = CALCULATE(
    AVERAGEX(
        TOPN(
            5,
            MSC_Catapult_Activity_Summary,
            [AvgTotalPlayerLoad],
            DESC
        ),
        [AvgTotalPlayerLoad]
    ),
    DATESBETWEEN('MSC_DateTable'[date], DATE(2024, 8, 22), DATE(2024, 12, 1)),  //
Valid filter expression
    'MSC_DateTable'[Session_Type] = "Match"  // Another valid filter expression))
)
    MEASURE 'MSC_Catapult_Activity_Summary'[Top 5 AVG HSD] = CALCULATE(
    AVERAGEX(
        TOPN(
            5,
```

```
            MSC_Catapult_Activity_Summary,
            [AvgTotalHSD],
            DESC
        ),
        [AvgTotalHSD]
    ),
    DATESBETWEEN('MSC_DateTable'[date], DATE(2024, 8, 22), DATE(2024, 12, 1)),  //
Valid filter expression
    'MSC_DateTable'[Session_Type] = "Match"  // Another valid filter expression))
)
    MEASURE 'MSC_Catapult_Activity_Summary'[Top 5 Avg Hi Effs] = CALCULATE(
    AVERAGEX(
        TOPN(
            5,
            MSC_Catapult_Activity_Summary,
            [AvgHiEffs],
            DESC
        ),
        [AvgHiEffs]
    ),
    DATESBETWEEN('MSC_DateTable'[date], DATE(2024, 8, 22), DATE(2024, 12, 1)),  //
Valid filter expression
    'MSC_DateTable'[Session_Type] = "Match"  // Another valid filter expression)
)
    MEASURE 'MSC_Catapult_Activity_Summary'[Weekly Int PL] = CALCULATE(
    SUM(
       MSC_Catapult_Activity_Summary[total_player_load]
    ),
    FILTER(
        ALL( MSC_DateTable[date]),
       MSC_DateTable[date]
            <= MAX( MSC_DateTable[date])
    ),
    VALUES( MSC_DateTable[Season_Week_Info]),
    VALUES(
        MSC_DateTable[Year]
    )
)
    MEASURE 'MSC_Catapult_Activity_Summary'[Weekly Int HSD] = CALCULATE(
    SUM(
       MSC_Catapult_Activity_Summary[velocity_band2_total_distance]
    ),
```

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    FILTER(
        ALL( MSC_DateTable[date]),
       MSC_DateTable[date]
            <= MAX( MSC_DateTable[date])
    ),
    VALUES( MSC_DateTable[Season_Week_Info]),
    VALUES(
        MSC_DateTable[Year]
    )
)
    MEASURE 'MSC_Catapult_Activity_Summary'[Weekly Int Hi Effs] = CALCULATE(
    SUM(
       MSC_Catapult_Activity_Summary[hi_efforts]
    ),
    FILTER(
        ALL( MSC_DateTable[date]),
       MSC_DateTable[date]
            <= MAX( MSC_DateTable[date])
    ),
    VALUES( MSC_DateTable[Season_Week_Info]),
    VALUES(
        MSC_DateTable[Year]
    )
)
    MEASURE 'MSC_Catapult_Activity_Summary'[Weekly Int Hi Accels] = CALCULATE(
    SUM(
       MSC_Catapult_Activity_Summary[Hi_Accels_Efforts]
    ),
    FILTER(
        ALL( MSC_DateTable[date]),
       MSC_DateTable[date]
            <= MAX( MSC_DateTable[date])
    ),
    VALUES( MSC_DateTable[Season_Week_Info]),
    VALUES(
        MSC_DateTable[Year]
    )
)
    MEASURE 'MSC_Catapult_Activity_Summary'[Weekly Int Hi Decels] = CALCULATE(
    SUM(
       MSC_Catapult_Activity_Summary[Hi_Decels_Efforts]
    ),
```

```
    FILTER(
        ALL( MSC_DateTable[date]),
       MSC_DateTable[date]
            <= MAX( MSC_DateTable[date])
    ),
    VALUES( MSC_DateTable[Season_Week_Info]),
    VALUES(
        MSC_DateTable[Year]
    )
)
    MEASURE 'MSC_Catapult_Activity_Summary'[Weekly Int PL-Daily Report] = AVERAGEX (
    ADDCOLUMNS (
        SUMMARIZE (
            MSC_Catapult_Athletes,
           MSC_Catapult_Athletes[Full_Name],
            MSC_Catapult_Athletes[position_name]

        ),
        "Weekly Total PL", [Weekly Int PL]
    ),
    [Weekly Total PL]
)
    MEASURE 'MSC_Catapult_Activity_Summary'[Weekly Total Dist] =
IF(MSC_Catapult_Activity_Summary[Total_Distance],CALCULATE(SUM(MSC_Catapult_Activity_S
ummary[total_activity_distance]),FILTER(VALUES(MSC_DateTable),MSC_DateTable[Week_#] =
MAX(MSC_DateTable[Week_#]))))
    MEASURE 'MSC_Catapult_Activity_Summary'[Weekly Total PL] =
IF(MSC_Catapult_Activity_Summary[Total_PL],CALCULATE(SUM(MSC_Catapult_Activity_Summary
[total_player_load]),FILTER(VALUES(MSC_DateTable),MSC_DateTable[Week_#] =
MAX(MSC_DateTable[Week_#]))))
    MEASURE 'MSC_Catapult_Activity_Summary'[Weekly Total HSD] =
IF(MSC_Catapult_Activity_Summary[Total_HSD],CALCULATE(SUM(MSC_Catapult_Activity_Summar
y[velocity_band2_total_distance]),FILTER(VALUES(MSC_DateTable),MSC_DateTable[Week_#] =
MAX(MSC_DateTable[Week_#]))))
    MEASURE 'MSC_Catapult_Activity_Summary'[Weekly Total Hi Effs] =
IF(MSC_Catapult_Activity_Summary[Total_HiEfforts],CALCULATE(SUM(MSC_Catapult_Activity_
Summary[hi_efforts]),FILTER(VALUES(MSC_DateTable),MSC_DateTable[Week_#] =
MAX(MSC_DateTable[Week_#]))))
    MEASURE 'MSC_Catapult_Activity_Summary'[Weekly Total Accels] =
IF(MSC_Catapult_Activity_Summary[Total_HiAccels],CALCULATE(SUM(MSC_Catapult_Activity_S
ummary[Hi_Accels_Efforts]),FILTER(VALUES(MSC_DateTable),MSC_DateTable[Week_#] =
MAX(MSC_DateTable[Week_#]))))
```

```
   MEASURE 'MSC_Catapult_Activity_Summary'[Weekly Total Decels] =
IF(MSC_Catapult_Activity_Summary[Total_HiDecels],CALCULATE(SUM(MSC_Catapult_Activity_S
ummary[Hi_Decels_Efforts]),FILTER(VALUES(MSC_DateTable),MSC_DateTable[Week_#] =
MAX(MSC_DateTable[Week_#]))))
   MEASURE 'MSC_Catapult_Activity_Summary'[Weekly Int HSD-Daily Report] = AVERAGEX (
   ADDCOLUMNS (
       SUMMARIZE (
           MSC_Catapult_Athletes,
          MSC_Catapult_Athletes[Full_Name],
           MSC_Catapult_Athletes[position_name]

       ),
       "Weekly Total HSD", [Weekly Int HSD]
   ),
   [Weekly Total HSD]
)
   MEASURE 'MSC_Catapult_Activity_Summary'[Weekly Int Hi Effs-Daily Report] = AVERAGEX
(
   ADDCOLUMNS (
       SUMMARIZE (
           MSC_Catapult_Athletes,
          MSC_Catapult_Athletes[Full_Name],
           MSC_Catapult_Athletes[position_name]

       ),
       "Weekly Total Hi Effs", [Weekly Int Hi Effs]
   ),
   [Weekly Total Hi Effs]
)
   MEASURE 'MSC_Catapult_Activity_Summary'[Weekly Int Hi Accels-Daily Report] =
AVERAGEX (
   ADDCOLUMNS (
       SUMMARIZE (
           MSC_Catapult_Athletes,
          MSC_Catapult_Athletes[Full_Name],
           MSC_Catapult_Athletes[position_name]

       ),
       "Weekly Total Hi Accels", [Weekly Int Hi Accels]
   ),
   [Weekly Total Hi Accels]
)
```

```
   MEASURE 'MSC_Catapult_Activity_Summary'[Weekly Int Hi Decels-Daily Report] =
AVERAGEX (
   ADDCOLUMNS (
       SUMMARIZE (
           MSC_Catapult_Athletes,
          MSC_Catapult_Athletes[Full_Name],
           MSC_Catapult_Athletes[position_name]

       ),
       "Weekly Total Hi Decels", [Weekly Int Hi Decels]
   ),
   [Weekly Total Hi Decels]
)
   MEASURE 'MSC_Catapult_Activity_Summary'[%Match PL] =
IF([AvgTotalPlayerLoad],DIVIDE([AvgTotalPlayerLoad],[Top 5 Avg PL]))
   MEASURE 'MSC_Catapult_Activity_Summary'[%Match HSD] =
IF([AvgTotalHSD],DIVIDE([AvgTotalHSD],[Top 5 AVG HSD]))
   MEASURE 'MSC_Catapult_Activity_Summary'[%Match Hi Effs] =
IF([AvgHiEffs],DIVIDE([AvgHiEffs],[Top 5 Avg Hi Effs]))
   MEASURE 'MSC_Catapult_Activity_Summary'[Team %Match Dist] =
AVERAGEX(All(MSC_Catapult_Athletes), MSC_Catapult_Activity_Summary[%Match Dist])
   MEASURE 'MSC_Catapult_Activity_Summary'[Team %Match PL] =
AVERAGEX(All(MSC_Catapult_Athletes), MSC_Catapult_Activity_Summary[%Match PL])
   MEASURE 'MSC_Catapult_Activity_Summary'[Team %Match HSD] =
AVERAGEX(All(MSC_Catapult_Athletes), MSC_Catapult_Activity_Summary[%Match HSD])
   MEASURE 'MSC_Catapult_Activity_Summary'[Team %Match Hi Effs] =
AVERAGEX(All(MSC_Catapult_Athletes), MSC_Catapult_Activity_Summary[%Match Hi Effs])

EVALUATE
   SUMMARIZECOLUMNS(
       "period_duration_min", [period_duration_min],
       "period_HSD_per_min", [period_HSD_per_min],
       "period_Hi_effs_per_min", [period_Hi_effs_per_min],
       "period_Distance_per_min", [period_Distance_per_min],
       "total_duration_min", [total_duration_min],
       "Distance_per_min", [Distance_per_min],
       "HSD_per_min", [HSD_per_min],
       "Hi_effs_per_min", [Hi_effs_per_min],
       "Average PL Past 7 days", [Average PL Past 7 days],
       "Average PL Past 28 days", [Average PL Past 28 days],
       "ACWR PL", [ACWR PL],
       "Average T. Distance Past 28 days", [Average T. Distance Past 28 days],
```

```
"Average T. Distance Past 7 days", [Average T. Distance Past 7 days],
"ACWR T. Distance", [ACWR T. Distance],
"Average HSD Past 28 days", [Average HSD Past 28 days],
"Average HSD Past 7 days", [Average HSD Past 7 days],
"Average Hi Efforts Past 28 days", [Average Hi Efforts Past 28 days],
"Average Hi Efforts Past 7 days", [Average Hi Efforts Past 7 days],
"Average Hi Accels Past 28 days", [Average Hi Accels Past 28 days],
"Average Hi Accels Past 7 days", [Average Hi Accels Past 7 days],
"Average Hi Decels Past 28 days", [Average Hi Decels Past 28 days],
"Average Hi Decels Past 7 days", [Average Hi Decels Past 7 days],
"ACWR HSD", [ACWR HSD],
"ACWR Hi Accels", [ACWR Hi Accels],
"ACWR Hi Decels", [ACWR Hi Decels],
"ACWR Hi Efforts", [ACWR Hi Efforts],
"%ofMax Speed", [%ofMax Speed],
"Hi_Accels_Distance_per_min", [Hi_Accels_Distance_per_min],
"Hi_Accels_Efforts_per_min", [Hi_Accels_Efforts_per_min],
"Hi_Decels_Distance_per_min", [Hi_Decels_Distance_per_min],
"Hi_Decels_Efforts_per_min", [Hi_Decels_Efforts_per_min],
"AveragePlayerLoadPerActivity", [AveragePlayerLoadPerActivity],
"AveragePlayerLoadAcrossActivities", [AveragePlayerLoadAcrossActivities],
"AverageDistancePerActivity", [AverageDistancePerActivity],
"AverageHSDPerActivity", [AverageHSDPerActivity],
"AverageHiEffortsPerActivity", [AverageHiEffortsPerActivity],
"AveragePL/MinPerActivity", [AveragePL/MinPerActivity],
"AverageDist/MinPerActivity", [AverageDist/MinPerActivity],
"AverageDistanceAcrossActivities", [AverageDistanceAcrossActivities],
"AverageHiEffortscrossActivities", [AverageHiEffortscrossActivities],
"AverageHSDAcrossActivities", [AverageHSDAcrossActivities],
"AveragePl/MinAcrossActivities", [AveragePl/MinAcrossActivities],
"AverageHSD/MinPerActivity", [AverageHSD/MinPerActivity],
"AverageHi EFfs/MinPerActivity", [AverageHi EFfs/MinPerActivity],
"SumOfPlayerLoadAcrossActivities", [SumOfPlayerLoadAcrossActivities],
"SumOfDistanceAcrossActivities", [SumOfDistanceAcrossActivities],
"SumOfHSDAcrossActivities", [SumOfHSDAcrossActivities],
"SumOfPl/MinAcrossActivities", [SumOfPl/MinAcrossActivities],
"SumOfDist/MinAcrossActivities", [SumOfDist/MinAcrossActivities],
"SumOfHSD/MinAcrossActivities", [SumOfHSD/MinAcrossActivities],
"SumOfHiEffs/MinAcrossActivities", [SumOfHiEffs/MinAcrossActivities],
"TotalDistancePerAthlete", [TotalDistancePerAthlete],
"AvgTotalDistance", [AvgTotalDistance],
"ConcatenatedActivities", [ConcatenatedActivities],
```

```
"AvgTotalPlayerLoad", [AvgTotalPlayerLoad],
"AvgTotalHSD", [AvgTotalHSD],
"AvgTotalPlayerLoad/Min", [AvgTotalPlayerLoad/Min],
"AvgTotalDistance/Min", [AvgTotalDistance/Min],
"AvgTotalHSD/Min", [AvgTotalHSD/Min],
"AvgTotalHiEffs/Min", [AvgTotalHiEffs/Min],
"AvgHiEffs", [AvgHiEffs],
"*Average T. Distance Past 28 days", [*Average T. Distance Past 28 days],
"*Average T. Distance Past 7 days", [*Average T. Distance Past 7 days],
"*ACWR T. Distance", [*ACWR T. Distance],
"EWMA Dist-7-day", [EWMA Dist-7-day],
"Total_Distance", [Total_Distance],
"EWMA Dist-21-day", [EWMA Dist-21-day],
"Decoupled Dist-21-day", [Decoupled Dist-21-day],
"ACWR T. Dist w/ EWMA", [ACWR T. Dist w/ EWMA],
"Total_PL", [Total_PL],
"Total_HSD", [Total_HSD],
"Total_HiEfforts", [Total_HiEfforts],
"Total_HiAccels", [Total_HiAccels],
"Total_HiDecels", [Total_HiDecels],
"Decoupled Load-21-day", [Decoupled Load-21-day],
"Decoupled HSD-21-day", [Decoupled HSD-21-day],
"Decoupled HiEfforts-21-day", [Decoupled HiEfforts-21-day],
"Decoupled HiAccels-21-day", [Decoupled HiAccels-21-day],
"Decoupled HiDecels-21-day", [Decoupled HiDecels-21-day],
"EWMA Load-21-day", [EWMA Load-21-day],
"EWMA Load-7-day", [EWMA Load-7-day],
"EWMA HSD-7-day", [EWMA HSD-7-day],
"Measure", [Measure],
"EWMA HiEfforts-7-day", [EWMA HiEfforts-7-day],
"EWMA HiDecels-7-day", [EWMA HiDecels-7-day],
"EWMA HiAccels-7-day", [EWMA HiAccels-7-day],
"EWMA HSD-21-day", [EWMA HSD-21-day],
"EWMA HiEfforts-21-day", [EWMA HiEfforts-21-day],
"EWMA HiDecels-21-day", [EWMA HiDecels-21-day],
"EWMA HiAccels-21-day", [EWMA HiAccels-21-day],
"ACWR PL w/ EWMA", [ACWR PL w/ EWMA],
"ACWR Hi Accels w/ EWMA", [ACWR Hi Accels w/ EWMA],
"ACWR Hi Decels w/ EWMA", [ACWR Hi Decels w/ EWMA],
"ACWR HSD w/ EWMA", [ACWR HSD w/ EWMA],
"ACWR Hi Efforts w/ EWMA", [ACWR Hi Efforts w/ EWMA],
"Top 5 Avg Dist", [Top 5 Avg Dist],
```

```
    "%Match Dist", [%Match Dist],
    "Weekly Int Dist", [Weekly Int Dist],
    "Weekly Int Dist-Daily Report", [Weekly Int Dist-Daily Report],
    "Top 5 Avg PL", [Top 5 Avg PL],
    "Top 5 AVG HSD", [Top 5 AVG HSD],
    "Top 5 Avg Hi Effs", [Top 5 Avg Hi Effs],
    "Weekly Int PL", [Weekly Int PL],
    "Weekly Int HSD", [Weekly Int HSD],
    "Weekly Int Hi Effs", [Weekly Int Hi Effs],
    "Weekly Int Hi Accels", [Weekly Int Hi Accels],
    "Weekly Int Hi Decels", [Weekly Int Hi Decels],
    "Weekly Int PL-Daily Report", [Weekly Int PL-Daily Report],
    "Weekly Total Dist", [Weekly Total Dist],
    "Weekly Total PL", [Weekly Total PL],
    "Weekly Total HSD", [Weekly Total HSD],
    "Weekly Total Hi Effs", [Weekly Total Hi Effs],
    "Weekly Total Accels", [Weekly Total Accels],
    "Weekly Total Decels", [Weekly Total Decels],
    "Weekly Int HSD-Daily Report", [Weekly Int HSD-Daily Report],
    "Weekly Int Hi Effs-Daily Report", [Weekly Int Hi Effs-Daily Report],
    "Weekly Int Hi Accels-Daily Report", [Weekly Int Hi Accels-Daily Report],
    "Weekly Int Hi Decels-Daily Report", [Weekly Int Hi Decels-Daily Report],
    "%Match PL", [%Match PL],
    "%Match HSD", [%Match HSD],
    "%Match Hi Effs", [%Match Hi Effs],
    "Team %Match Dist", [Team %Match Dist],
    "Team %Match PL", [Team %Match PL],
    "Team %Match HSD", [Team %Match HSD],
    "Team %Match Hi Effs", [Team %Match Hi Effs]
)
```