

### 5.8.3 Using the getResultMember API

To get member-specific information, we introduce the script API method `getResultMember()`. Users can pass the ID of one dimension or a `DimensionInfo` and a data selection as a parameter. As a result, a `ResultMemberInfo` object is returned which contains `id`, `description`, and `parentId`.

For a dimension which has attributes, the attributes will be provided as additional properties of the `ResultMemberInfo` object.

#### Function Summary

```
// Get member metadata, works for data cell and header cell
Chart_1.getDataSource().getResultMember(dimension: String | DimensionInfo,
selection: Selection): ResultMemberInfo | undefined

Table_1.getDataSource().getResultMember(dimension: String | DimensionInfo,
selection: Selection): ResultMemberInfo | undefined

ResultMemberInfo {
  id: string
  description: string
  parentId: string
  properties?: { // "properties" doesn't contain "id" or "description"
    [key: string]: [string]
  }
}
```

#### Example 17: Identify a table cell and return a result member

BestRunJuice_SampleModel in Million USD					
		Account	Gross Margin	Gross Margin	Discount
Location	Product				Discount
▼ SA1 California	➤ PC4 Alcohol		25.39		30.72
	➤ PC1 Carbonated Drinks		44.26		15.65
	➤ PC2 Juices		102.78		130.30
	➤ PC3 Others		1.05		1.06
CT1 Los Angeles	➤ PC4 Alcohol		7.62		9.52
	➤ PC1 Carbonated Drinks		12.86		4.73
	➤ PC2 Juices		28.21		35.52
	➤ PC3 Others		0.29		0.28
CT2 San Francisco	➤ PC4 Alcohol		3.22		3.91
	➤ PC1 Carbonated Drinks		5.34		1.84
	➤ PC2 Juices		10.96		14.06
	➤ PC3 Others		0.10		0.10
CT3 San Diego	➤ PC4 Alcohol		2.32		2.67
	➤ PC1 Carbonated Drinks		2.92		1.03
	➤ PC2 Juices		12.17		15.71

Figure 45 Identify a Table Cell and Return a Result Member

```
Table_1.getDataSource().getResultMember("Location_4nm2e04531", {
  "Location_4nm2e04531":
  "[Location_4nm2e04531].[State_47acc246_4m5x6u3k6s].&[CT1]",
  "Product_3e315003an":
  "[Product_3e315003an].[Product_Catego_3o3x5e06y2].&[PC4]",
  "@MeasureDimension": "[Account_BestRunJ_sold].[parentId].&[Gross_Margin]"}
```