Instructions for interactive HTML version of Figure: Copy the following code into a text-editor (such as *Notepad* for PC, or *TextEdit* for Mac) and save a file with the extension .html (such as *Figure.html*). Hover over individual points to obtain associated 95% confidence intervals and *P*-Values.

Supplemental Figure Legend:

Supplemental Figure 1: Adjusted odds ratio with 95% confidence interval (CI) and *P*-value (hover over point-estimate) of angiotensin converting enzyme inhibitor or angiotensin II receptor blocker (ACE/ARB) use in the U.S. adult population with impaired kidney function (estimated glomerular filtration rate [eGFR] < 60 mL/min/1.73m^2, by the CKD-EPI equation, or albumin-creatinine ratio [ACR] ≥ 30 mg/g) by era, compared with 1999-2002, in subgroups defined by levels of kidney function, age, sex, race/ethnicity, presence of diabetes mellitus (self-report or hemoglobin A_{1c} ≥ 6.5%), and presence of cardiac failure. Odds ratios adjusted for age, sex, and race/ethnicity.

HTML Code (copy below here):

```
<!DOCTYPE html>

<meta charset="utf-8">

<style>



.axis text {

  font: 12px verdana;

}
```

```
  .Nada {

fill:green ;

opacity:0.0;

}



  .Two {

fill:black ;

opacity:1.0;

}

  .Three {

fill:gray ;

opacity:1.0;

}

  .Four {
```

```
fill:lightgray ;

opacity:1.0;

}




.axis path,

.axis line {

  fill: none;

  stroke: #000;

  shape-rendering: crispEdges;

}



</style>

<body>

<script src="http://d3js.org/d3.v3.min.js"></script>
```

<script>

var dataset = [

["",,,,"Nada","",],

["",,,,"Nada","",],

["",,,,"Nada","",],

["eGFR<60 or ACR>=30",1.41,1.14,1.74,"Two","0.002",1],

["eGFR<60 or ACR>=30",1.84,1.48,2.28,"Three","<0.001",2],

["eGFR<60 or ACR>=30",2.02,1.61,2.53,"Four","<0.001",3],

["eGFR < 60",1.35,1.07,1.71,"Two","0.013",1],

["eGFR < 60",1.79,1.37,2.33,"Three","<0.001",2],

["eGFR < 60",2.02,1.52,2.69,"Four","<0.001",3],

["ACR >= 30",1.55,1.19,2.03,"Two","0.002",1],

["ACR >= 30",1.84,1.43,2.36,"Three","<0.001",2],

["ACR >= 30",2.10,1.60,2.76,"Four","<0.001",3],

["Age < 40",1.38,0.58,3.29,"Two","0.467",1],

["Age < 40",1.94,0.69,5.44,"Three","0.209",2],

["Age < 40",0.95,0.43,2.12,"Four","0.901",3],

["Age 40-64",1.25,0.85,1.86,"Two","0.259",1],

["Age 40-64",1.50,0.99,2.29,"Three","0.061",2],

["Age 40-64",1.78,1.15,2.76,"Four","0.011",3],

["Age >= 65",1.51,1.19,1.92,"Two","<0.001",1],

["Age >= 65",2.04,1.60,2.60,"Three","<0.001",2],

["Age >= 65",2.30,1.72,3.06,"Four","<0.001",3],

["Male",1.44,1.07,1.92,"Two","0.016",1],

["Male",2.14,1.62,2.82,"Three","<0.001",2],

["Male",2.06,1.54,2.76,"Four","<0.001",3],

["Female",1.39,1.04,1.86,"Two","0.029",1],

["Female",1.64,1.23,2.19,"Three","0.001",2],

["Female",2.00,1.48,2.70,"Four","<0.001",3],

["Non-Hispanic white",1.50,1.18,1.91,"Two","0.001",1],

["Non-Hispanic white",1.84,1.42,2.38,"Three","<0.001",2],

["Non-Hispanic white",2.04,1.57,2.66,"Four","<0.001",3],

["Non-Hispanic black",1.03,0.71,1.50,"Two","0.878",1],

["Non-Hispanic black",1.78,1.16,2.73,"Three","0.010",2],

["Non-Hispanic black",1.72,1.24,2.39,"Four","0.002",3],

["Hispanic",1.14,0.50,2.61,"Two","0.763",1],

["Hispanic",1.45,0.83,2.53,"Three","0.199",2],

["Hispanic",1.67,0.89,3.12,"Four","0.111",3],

["Diabetes",1.91,1.34,2.73,"Two","<0.001",1],

["Diabetes",2.27,1.61,3.20,"Three","<0.001",2],

["Diabetes",2.11,1.45,3.06,"Four","<0.001",3],

["Cardiac failure",1.29,0.68,2.46,"Two","0.437",1],

["Cardiac failure",1.36,0.72,2.58,"Three","0.344",2],

["Cardiac failure",1.44,0.78,2.68,"Four","0.251",3]

];

var margin = {top: 300, right: 100, bottom: 100, left: 150},

```
width = 400 - margin.left - margin.right,

height = 700 - margin.top - margin.bottom,

axisOffset = 20,

ciThickness = 1,

referenceLineWidth = 1,

xAxisLabel = 'OR (95% CI) of ACE/ARB (Vs. 1999-2002)',

xAxisLabelFont = 'verdana',

xAxisLabelFontSize = 12,

xAxisLabelOffset = 40,

xAxisNumTicks = 4,

legendXpropW = 0.1,

legendYpropH = -0.25,

gapLegendElements = 10,

labelLegend0 = '2003-06',

labelLegend1 = '2007-10',
```

```
    labelLegend2 = '2011-14',

    circleSizeGraph = 3,

    circleSizeLegend = 3

    ;




var y = d3.scale.ordinal()

        .domain([

"",

"eGFR<60 or ACR>=30",

"eGFR < 60",

"ACR >= 30",

"Age < 40",

"Age 40-64",

"Age >= 65",
```

```
"Male",

"Female",

"Non-Hispanic white",

"Non-Hispanic black",

"Hispanic",

"Diabetes",

"Cardiac failure"




 ])

 .rangePoints([0, height]);



var x = d3.scale.linear()

        .domain([0, 5])

       // .domain([0, d3. max(dataset, function(d) {return d[3];})])
```

```
        .range([axisOffset,width]); //20 is axis offset

var xAxis = d3.svg.axis()

    .scale(x)

    .orient("bottom")

    .ticks(xAxisNumTicks)

    ;









var yAxis = d3.svg.axis()

    .scale(y)

    .orient("left");



var svg = d3.select("body").append("svg")
```

```
    .attr("width", width + margin.left + margin.right)
    .attr("height", height + margin.top + margin.bottom)
  .append("g")
    .attr("transform", "translate(" + margin.left + "," + margin.top + ")");

svg.append("g")
    .attr("class", "x axis")
    .attr("transform", "translate( 0," + (height + axisOffset) + ")")
    .call(xAxis);
svg.append("g")
    .attr("class", "y axis")
    .call(yAxis);

  svg.append("rect")
```

```
 .attr("x", x(1) - 0.5*referenceLineWidth)

 .attr("y", y(0) + axisOffset)

 .attr("height", height + axisOffset)

 .attr("width",referenceLineWidth)

 .attr("fill","lightgray");




svg.selectAll("rect")

  .data(dataset)

  .enter()

  .append("rect")

  .attr("x", function(d) {

      return x(d[2]);

  })
```

```
.attr("y", function(d) {

    return y(d[0]) + 6*(2 - d[6])- ciThickness/2;

})

.attr("width", function(d) {

    return x(d[3]) - x(d[2]);

})

.attr("height", ciThickness)

.attr("class", function(d) {

    return d[4];

});
```

```
svg.selectAll("circle")
   .data(dataset)
   .enter()
   .append("circle")
   .attr("cx", function(d) {
       return x(d[1]);
   })
   .attr("cy", function(d) {
       return y(d[0]) + 6*(2 - d[6]);
   })
   .attr("r", circleSizeGraph)
   .attr("class", function(d) {
       return d[4];
   })
```

```
  .append("title")

  .text(function(d) {

  return d[0] + ": AOR for Era " + d[4]+ ' is ' + d[1]+ " (95% CI " + d[2] +" to " + d[3] +") Vs. Era One, P-Value " + d[5];

  });




 svg.selectAll("rect")

  .data(dataset)

  .enter()

  .append("rect")

  .attr("x", function(d) {

      return x(d[2]);

  })

  .attr("y", function(d) {

      return y(d[0]) - (ciThickness/2);
```

```
})
.attr("width", function(d) {
    return x(d[3]) - x(d[2]);
})
.attr("height", ciThickness)
.attr("class","rectangle")
.attr("class", function(d) {
    return d[4];
});
```

```
svg.append("text")
```

```
        .attr("text-anchor", "middle")

        .attr("x",x(1))

        .attr("y", height + axisOffset +  xAxisLabelOffset)

        .attr("font-size", xAxisLabelFontSize)

        .attr("font-family", xAxisLabelFont)

        .text(xAxisLabel);




//Legend section



  //Group 0

 svg.append("circle")

        .attr("cx", legendXpropW*width)

        .attr("cy", 0*gapLegendElements  + legendYpropH*height)

        .attr("r", circleSizeLegend)
```

```
        .attr("class","Four");



 svg.append("text")

        .attr("x",legendXpropW*width + 10)

        .attr("y", 0*gapLegendElements  + legendYpropH*height + 5)

        .attr("font-size", xAxisLabelFontSize)

        .attr("font-family", xAxisLabelFont)

        .text(labelLegend2);

   //Group 1



svg.append("circle")

        .attr("cx", legendXpropW*width)

        .attr("cy", 1*gapLegendElements  + legendYpropH*height)

        .attr("r", circleSizeLegend)

        .attr("class","Three");
```

```
svg.append("text")
        .attr("x",legendXpropW*width + 10)
        .attr("y", 1*gapLegendElements  + legendYpropH*height + 5)
        .attr("font-size", xAxisLabelFontSize)
        .attr("font-family", xAxisLabelFont)
        .text(labelLegend1);



  //Group 2
svg.append("circle")
        .attr("cx", legendXpropW*width)
        .attr("cy", 2*gapLegendElements  + legendYpropH*height)
```

```
        .attr("r", circleSizeLegend)

        .attr("class","Two");



 svg.append("text")

        .attr("x",legendXpropW*width + 10)

        .attr("y", 2*gapLegendElements  + legendYpropH*height + 5)

        .attr("font-size", xAxisLabelFontSize)

        .attr("font-family", xAxisLabelFont)

        .text(labelLegend0);









</script>
```