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1  <DDIInstance>
2    ...
3    <Comparison>
4      <ID>COMP_1 </ID>
5      ...
6      <RepresentationMap contextSpecificComparison="true">
7        <ID>RM_1 </ID>
8        ...
9        <Description>This is a context specific comparison, where the numeric representation must have the measurement
unit of year and be used as a representation of Age. </Description>
10       <RepresentationMapName>Single Year to 5 Year Cohorts </RepresentationMapName>
11       <SourceRepresentation>
12         <ManagedRepresentationReference>
13           <ID>Years </ID>
14           ...
15         </ManagedRepresentationReference>
16       </SourceRepresentation>
17       <TargetRepresentation>
18         <CodeListReference>
19           <ID>Age_5YR </ID>
20           ...
21         </CodeListReference>
22       </TargetRepresentation>
23       <Correspondence>
24         <Commonality>Both representations classify number of years. </Commonality>
25         <Difference>Source uses single year cohorts expressed as a numeric code. Target uses 5 year age cohorts
expressed as a Code List of allowed responses. </Difference>
26       </Correspondence>
27       <ProcessingInstructionReference>
28         <ID>GI_1to5 </ID>
29       ...
30     </ProcessingInstructionReference>
31   </RepresentationMap>
32   <RepresentationMap contextSpecificComparison="false">
33     <ID>RM_2 </ID>
34     ...
35     <RepresentationMapName>5 Year to 10 Year Cohorts </RepresentationMapName>
36     <SourceRepresentation>
37       <CodeListReference>
38         <ID>Age_5YR </ID>
39         ...
40       </CodeListReference>
41     </SourceRepresentation>
42     <TargetRepresentation>
43       <CodeListReference>
44         <ID>Age_10YR </ID>
45         ...
46       </CodeListReference>
47     </TargetRepresentation>
48     <Correspondence>
49       <Commonality>Both representations classify number of years starting at a base of 0 (less than 1). </Commonality>
50       <Difference>Source classifies in 5 year cohorts </Difference>
51     </Correspondence>
52     <ProcessingInstructionReference>
53       <ID>GI_5to10 </ID>
54     ...
55   </ProcessingInstructionReference>
56 </RepresentationMap>
57 </Comparison>
58 <CategoryScheme>
59   <ID> </ID>
60   ...
61   <CategorySchemeName>Age Categories </CategorySchemeName>
62   <Category>
63     <ID>Age_1 </ID>
64     ...
65     <CategoryName>Age_0_4 </CategoryName>
66     <Label>Less than 5 years </Label>
67   </Category>
68   <Category>
69     <ID>Age_2 </ID>
70     ...

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71     <CategoryName>Age_5_9</CategoryName>
72     <Label>5 to 9 years</Label>
73 </Category>
74 <Category>
75     <ID>Age_3</ID>
76     ...
77     <CategoryName>Age_0_9</CategoryName>
78     <Label>Less than 10 years</Label>
79 </Category>
80 <Category>
81     <ID>Age_4</ID>
82     ...
83     <CategoryName>Age_10_14</CategoryName>
84     <Label>10 to 14 years</Label>
85 </Category>
86 <Category>
87     <ID>Age_5</ID>
88     ...
89     <CategoryName>Age_15_19</CategoryName>
90     <Label>15 to 19 years</Label>
91 </Category>
92 <Category>
93     <ID>Age_6</ID>
94     ...
95     <CategoryName>Age_10_19</CategoryName>
96     <Label>10 to 19 years</Label>
97 </Category>
98 <Category>
99     <ID>Age_7</ID>
100    ...
101    <CategoryName>Age_20plus</CategoryName>
102    <Label>20 years plus</Label>
103 </Category>
104 </CategoryScheme>
105 <CodeListScheme>
106     <CodeListSchemeName>AGE</CodeListSchemeName>
107     <ID>Age_CodeLists</ID>
108     ...
109     <CodeList>
110         <ID>Age_5YR</ID>
111         ...
112         <CodeListName>5 Year Age Cohorts</CodeListName>
113         <Code>
114             <ID>Age_5YR</ID>
115             ...
116             <Value>1</Value>
117             <CategoryReference>
118                 <ID>Age_1</ID>
119             ...
120             </CategoryReference>
121         </Code>
122         <Code>
123             <ID>Age_5YR</ID>
124             ...
125             <Value>2</Value>
126             <CategoryReference>
127                 <ID>Age_2</ID>
128             ...
129             </CategoryReference>
130         </Code>
131         <Code>
132             <ID>Age_5YR</ID>
133             ...
134             <Value>3</Value>
135             <CategoryReference>
136                 <ID>Age_4</ID>
137             ...
138             </CategoryReference>
139         </Code>
140     </CodeList>
141     <ID>Age_5YR</ID>
142     ...

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143         <Value>4</Value>
144         <CategoryReference>
145             <ID>Age_5</ID>
146         ...
147     </CategoryReference>
148 </Code>
149 <Code>
150     <ID>Age_5YR</ID>
151     ...
152     <Value>5</Value>
153     <CategoryReference>
154         <ID>Age_7</ID>
155     ...
156     </CategoryReference>
157 </Code>
158 </CodeList>
159 <CodeList>
160     <ID>Age_10YR</ID>
161     ...
162     <CodeListName>10 Year Age Cohorts</CodeListName>
163     <Code>
164         <ID>Age_5YR</ID>
165         ...
166         <Value>1</Value>
167         <CategoryReference>
168             <ID>Age_3</ID>
169         ...
170         </CategoryReference>
171     </Code>
172     <Code>
173         <ID>Age_5YR</ID>
174         ...
175         <Value>2</Value>
176         <CategoryReference>
177             <ID>Age_6</ID>
178         ...
179         </CategoryReference>
180     </Code>
181     <Code>
182         <ID>Age_5YR</ID>
183         ...
184         <Value>3</Value>
185         <CategoryReference>
186             <ID>Age_7</ID>
187         ...
188         </CategoryReference>
189     </Code>
190 </CodeList>
191 </CodeListScheme>
192 <ManagedRepresentationScheme>
193     <ID>MRS_1</ID>
194     ...
195     <ManagedNumericRepresentation scale="1" interval="1">
196         <ID>Years</ID>
197         ...
198         <ManagedNumericRepresentationName>NumberOfYears</ManagedNumericRepresentationName>
199         <RecommendedDataType>Integer</RecommendedDataType>
200         <NumberRange>
201             <Low isInclusive="true">0</Low>
202             <High isInclusive="true">25</High>
203             <TopCode>25</TopCode>
204         </NumberRange>
205     </ManagedNumericRepresentation>
206 </ManagedRepresentationScheme>
207 <ProcessingInstructionScheme>
208     <ID>PIS</ID>
209     ...
210     <GenerationInstruction>
211         <ID>GI_1to5</ID>
212         ...
213         <CommandCode>
214             <ProgramLanguage>SPSS</ProgramLanguage>

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215         <CommandContent>IF (SOURCE LT 5) THEN 1; IF ((SOURCE GE 5) AND (SOURCE LT 10)) THEN 2; IF ((SOURCE GE
10) AND (SOURCE LT 15)) THEN 3; IF ((SOURCE GE 15) AND (SOURCE LT 20)) THEN 4; IF (SOURCE GE 20) THEN 5;</
CommandContent>
216     </CommandCode>
217 </GenerationInstruction>
218 <GenerationInstruction>
219     <ID>GI_5to10</ID>
220     ...
221     <CommandCode>
222         <ProgramLanguage>SPSS</ProgramLanguage>
223         <CommandContent>IF (SOURCE LT 3) THEN 1; IF ((SOURCE GE 3) AND (SOURCE LT 4)) THEN 2; IF (SOURCE EQ 5)
THEN 3;</CommandContent>
224     </CommandCode>
225 </GenerationInstruction>
226 </ProcessingInstructionScheme>
227 ...
228 </DDIInstance>
229
```