

Same example from the nanocube's paper + one categorical dimension (language)
 points:

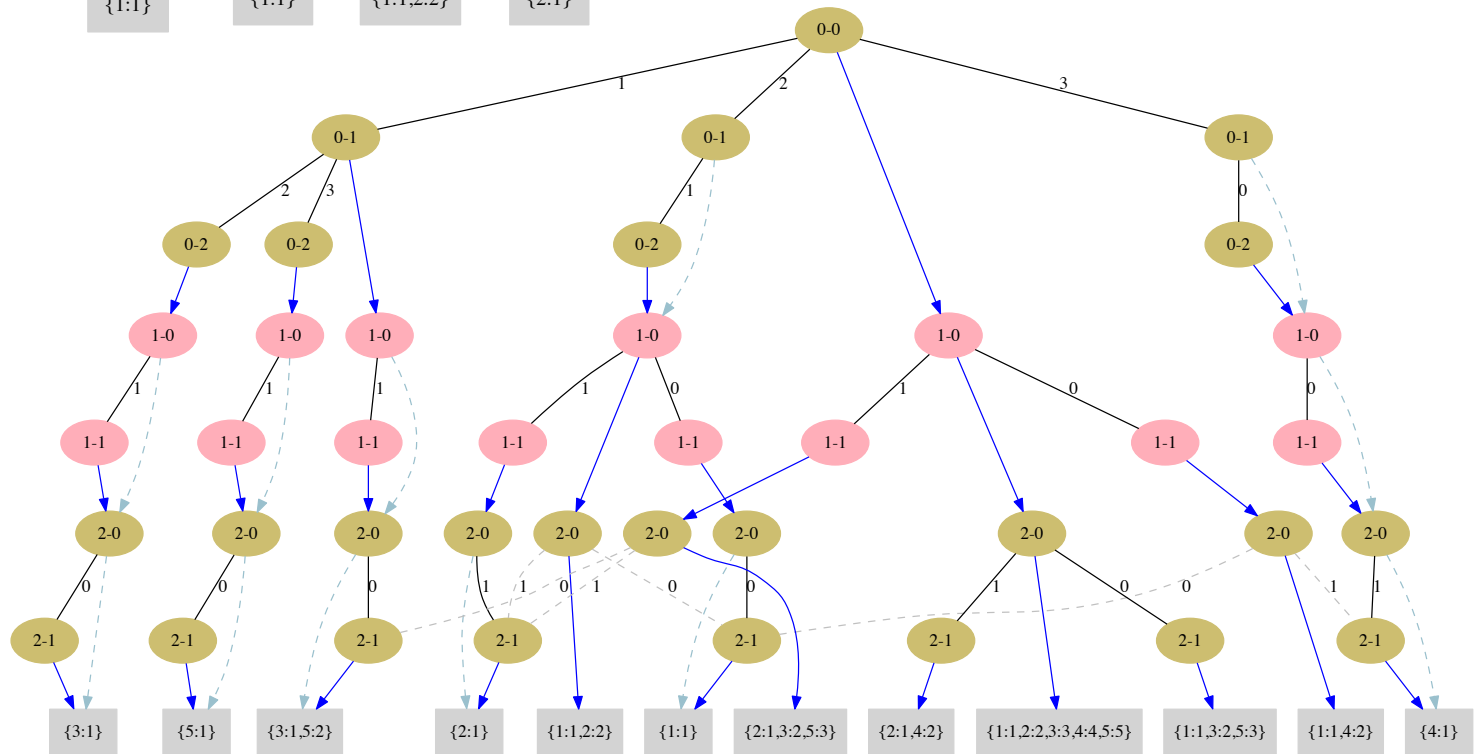
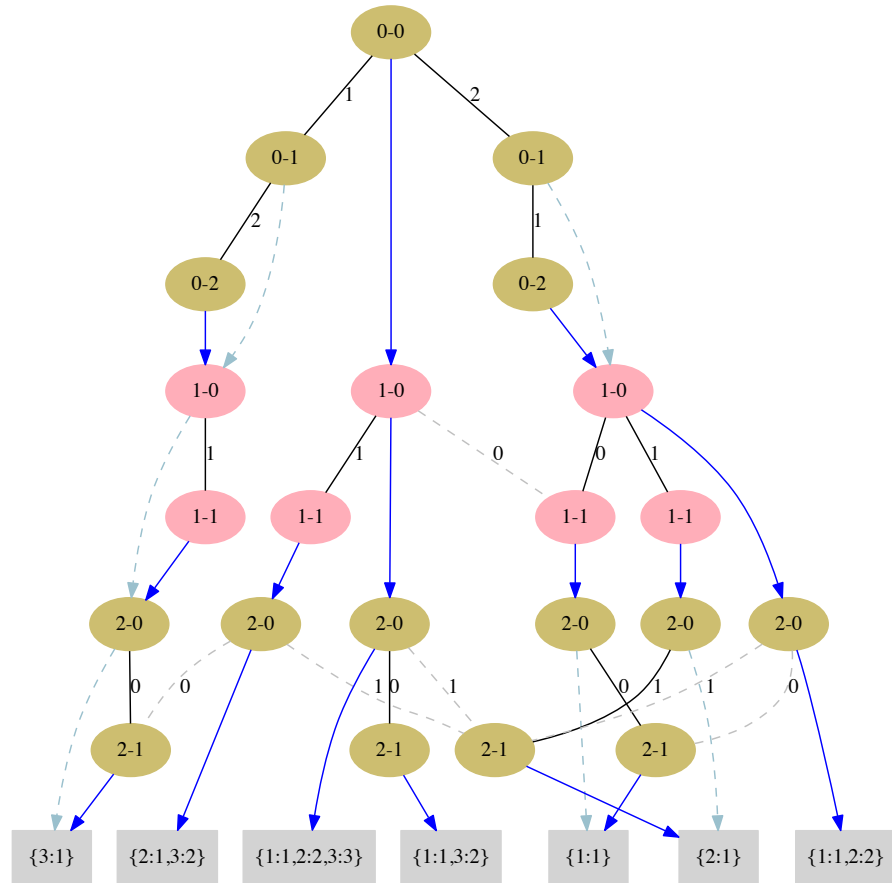
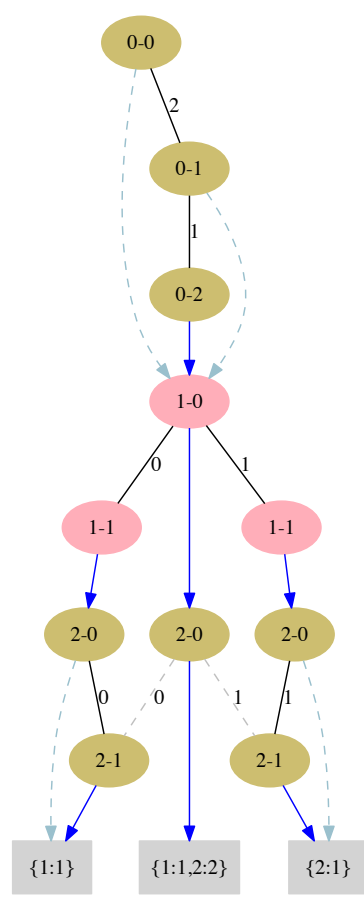
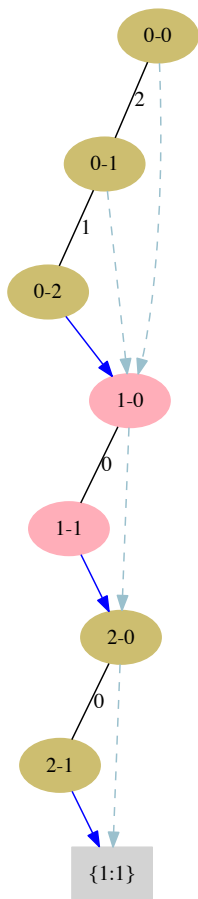
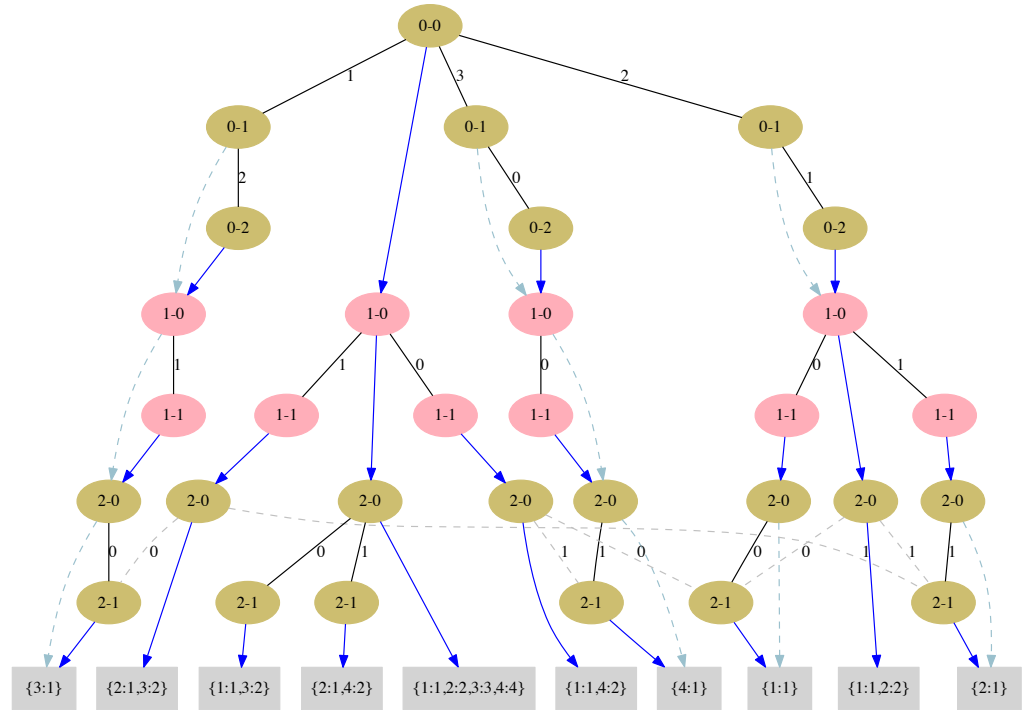
Dimension 1: location, 2-level-quad-tree (0=Bottom Left, 1=Bottom Right, 2=Top Left, 3=Top Right)

Dimension 2: device, categorical (0=Android, 1=iPhone)

Dimension 3: language, categorical (0=English, 1=Spanish)

Points in Insertion Order:

- | | | |
|------------------------|----|-----------------------------------|
| 1) { {2,1}, {0}, {0} } | or | { {TL,BR}, {Android}, {English} } |
| 2) { {2,1}, {1}, {1} } | | { {TL,BR}, {iPhone}, {Spanish} } |
| 3) { {1,2}, {1}, {0} } | | { {BR,TL}, {iPhone}, {English} } |
| 4) { {3,0}, {0}, {1} } | | { {TR,BL}, {Android}, {Spanish} } |
| 5) { {1,3}, {1}, {0} } | | { {BR,TR}, {iPhone}, {English} } |



Same example from the nanocube's paper + one categorical dimension (language)
 points:

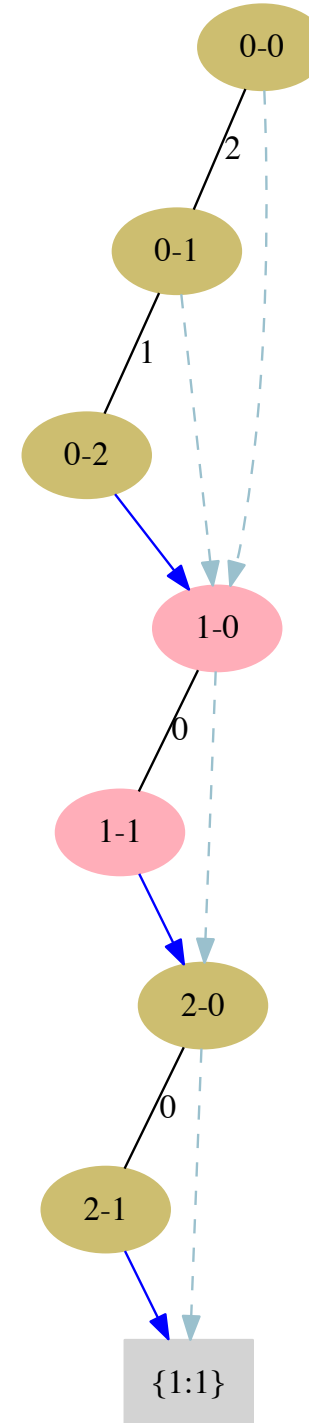
Dimension 1: location, 2-level-quad-tree (0=Bottom Left, 1=Bottom Right, 2=Top Left, 3=Top Right)

Dimension 2: device, categorical (0=Android, 1=iPhone)

Dimension 3: language, categorical (0=English, 1=Spanish)

Points in Insertion Order:

1) { {2,1}, {0}, {0} }		{ {TL,BR}, {Android}, {English} }
2) { {2,1}, {1}, {1} }		{ {TL,BR}, {iPhone}, {Spanish} }
3) { {1,2}, {1}, {0} }	or	{ {BR,TL}, {iPhone}, {English} }
4) { {3,0}, {0}, {1} }		{ {TR,BL}, {Android}, {Spanish} }
5) { {1,3}, {1}, {0} }		{ {BR,TR}, {iPhone}, {English} }



Same example from the nanocube's paper + one categorical dimension (language)
 points:

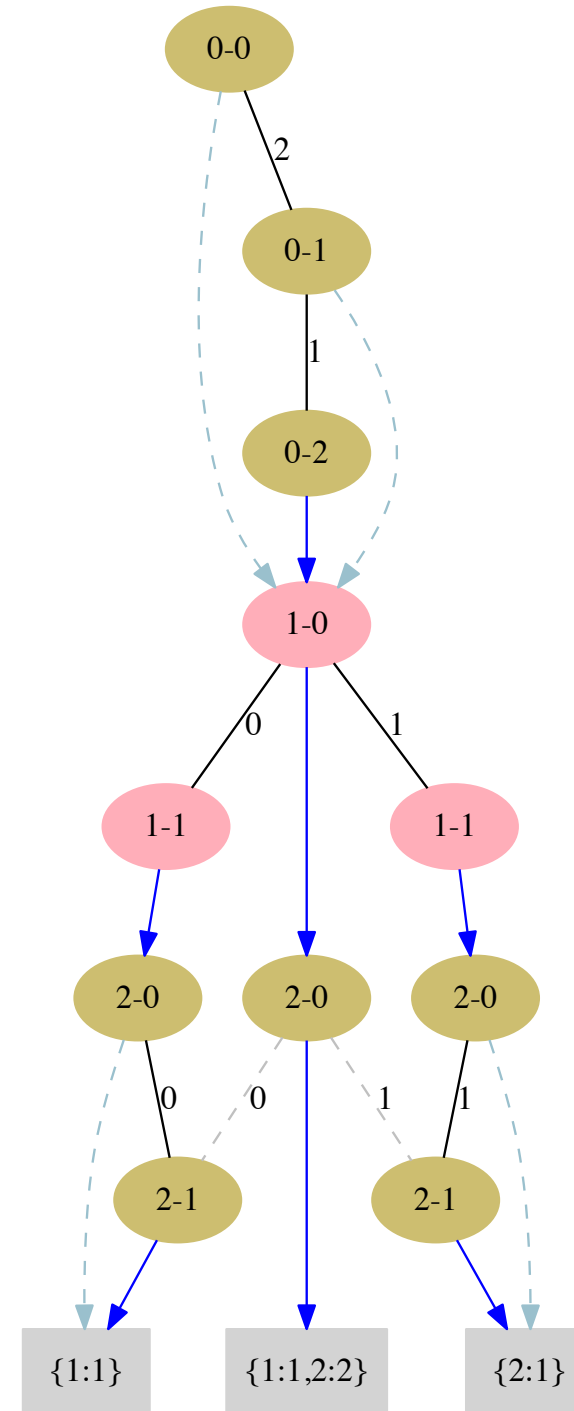
Dimension 1: location, 2-level-quad-tree (0=Bottom Left, 1=Bottom Right, 2=Top Left, 3=Top Right)

Dimension 2: device, categorical (0=Android, 1=iPhone)

Dimension 3: language, categorical (0=English, 1=Spanish)

Points in Insertion Order:

- | | | |
|------------------------|----|-----------------------------------|
| 1) { {2,1}, {0}, {0} } | | { {TL,BR}, {Android}, {English} } |
| 2) { {2,1}, {1}, {1} } | | { {TL,BR}, {iPhone}, {Spanish} } |
| 3) { {1,2}, {1}, {0} } | or | { {BR,TL}, {iPhone}, {English} } |
| 4) { {3,0}, {0}, {1} } | | { {TR,BL}, {Android}, {Spanish} } |
| 5) { {1,3}, {1}, {0} } | | { {BR,TR}, {iPhone}, {English} } |



Same example from the nanocube's paper + one categorical dimension (language)
 points:

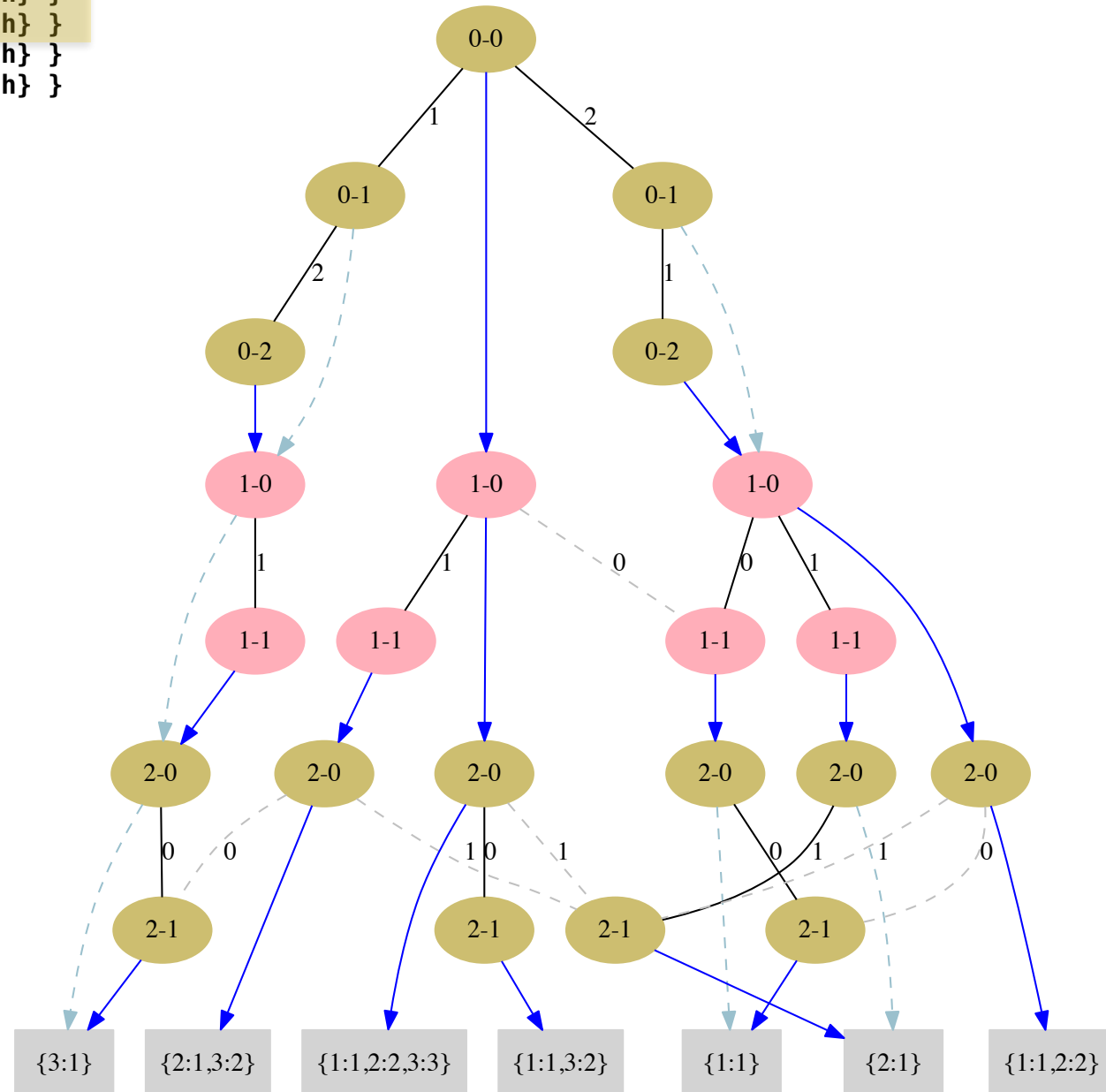
Dimension 1: location, 2-level-quad-tree (0=Bottom Left, 1=Bottom Right, 2=Top Left, 3=Top Right)

Dimension 2: device, categorical (0=Android, 1=iPhone)

Dimension 3: language, categorical (0=English, 1=Spanish)

Points in Insertion Order:

1) { {2,1}, {0}, {0} }	{ {TL,BR}, {Android}, {English} }
2) { {2,1}, {1}, {1} }	{ {TL,BR}, {iPhone}, {Spanish} }
3) { {1,2}, {1}, {0} }	or { {BR,TL}, {iPhone}, {English} }
4) { {3,0}, {0}, {1} }	{ {TR,BL}, {Android}, {Spanish} }
5) { {1,3}, {1}, {0} }	{ {BR,TR}, {iPhone}, {English} }



Same example from the nanocube's paper + one categorical dimension (language)
 points:

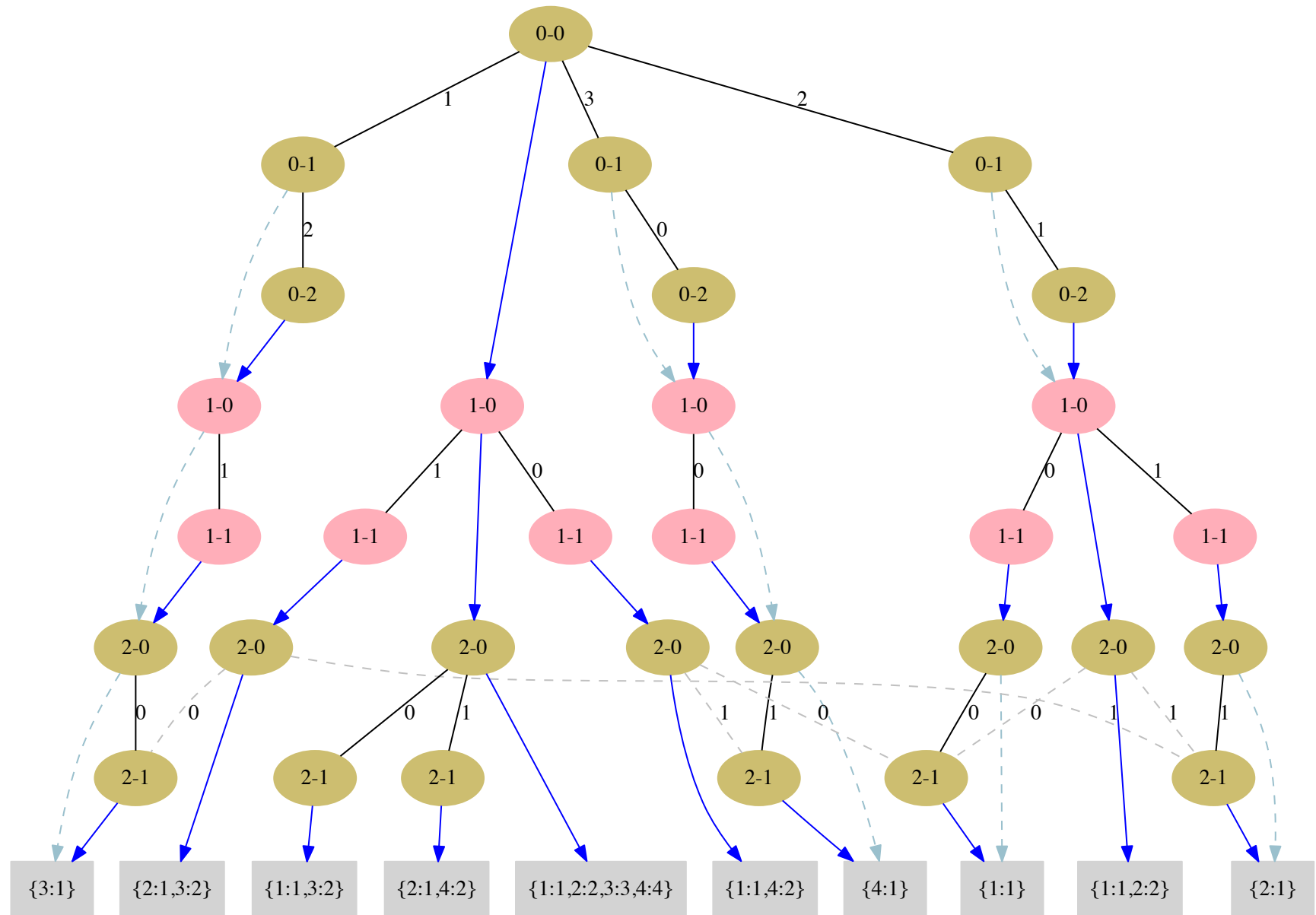
Dimension 1: location, 2-level-quad-tree (0=Bottom Left, 1=Bottom Right, 2=Top Left, 3=Top Right)

Dimension 2: device, categorical (0=Android, 1=iPhone)

Dimension 3: language, categorical (0=English, 1=Spanish)

Points in Insertion Order:

1) { {2,1}, {0}, {0} }	or	{ {TL,BR}, {Android}, {English} }
2) { {2,1}, {1}, {1} }		{ {TL,BR}, {iPhone}, {Spanish} }
3) { {1,2}, {1}, {0} }		{ {BR,TL}, {iPhone}, {English} }
4) { {3,0}, {0}, {1} }		{ {TR,BL}, {Android}, {Spanish} }
5) { {1,3}, {1}, {0} }		{ {BR,TR}, {iPhone}, {English} }



Same example from the nanocube's paper + one categorical dimension (language)
points:

Dimension 1: location, 2-level-quad-tree (0=Bottom Left, 1=Bottom Right, 2=Top Left, 3=Top Right)

Dimension 2: device, categorical (0=Android, 1=iPhone)

Dimension 3: language, categorical (0=English, 1=Spanish)

Points in Insertion Order:

1) { {2,1}, {0}, {0} }	or	{ {TL,BR}, {Android}, {English} }
2) { {2,1}, {1}, {1} }		{ {TL,BR}, {iPhone}, {Spanish} }
3) { {1,2}, {1}, {0} }		{ {BR,TL}, {iPhone}, {English} }
4) { {3,0}, {0}, {1} }		{ {TR,BL}, {Android}, {Spanish} }
5) { {1,3}, {1}, {0} }		{ {BR,TR}, {iPhone}, {English} }

