

Movement1:

Type
$$= 8$$

LeftHand.y < Torso.y LeftHand.y > Head.y RightHand.y < Torso.y RightHand.y > Head.y LeftFoot.x>=LeftHand.x LefElbow.y <= LeftShoulder.y RightElbow.y <= RightShoulder.y



Movement2:

Type
$$= 9$$

LeftHand.y <= Head.y LeftElbow.y <= LeftShoulder.y RightHand.y > RightShoulder.y RightElbow.y <= RightShoulder.y !!



Movement3:

Type
$$= 10$$

LeftHand.y <= Head.y LefElbow.y <= LeftShoulder.y RightElbow.y <= RightShouldery RightHand.y > Head.y LeftFoot.x > LeftElbow.x RightHand.y <= RightShoulder.y



Movement4:

Type =
$$11$$

LeftHand.y < Torso.y LeftHand.y > Head.y RightHand.y < Torso.y RightHand.y > Head.y LeftFoot.y <= RightKnee.y LeftFoot.x < LeftKnee.x



Movement5:

Type
$$= 12$$

RightHand.y <= Head.y RightElbow.y <= RightShoulder.y LeftHand.x < LeftElbow.x LeftHand.y >Torso.y LeftKnee.x > LeftElbow.x

Movement6:



Type
$$= 13$$

RightHand.y <= Head.y RightElbow.y <= RightShoulder.y LeftHand.y <= Head.y LeftElbow.y <= LeftShoulder.y LeftFoot.y <= RightKnee.y LeftFoot.x < LeftKnee.x



Movement7:

Type =
$$14$$

LeftHand.y < Torso.y LeftHand.y > Head.y RightHand.y < Torso.y RightHand.y > Head.y LeftKnee.x > LeftShoulder.x RightKnee.x < RightShoulder.x

Movement8:



Type =
$$15$$

RightHand.y < RightShoulder.y RightElbow.y < RightShoulder.y LeftHand.x < LeftElbow.x LeftHand.y >Torso.y



Movement11:

Type =
$$0$$

LeftHand.y < Head.y RightHand.y > Torso.y RightHand.x > RightElbow.x LeftFoot.y <= RightKnee.y

Movement12:



Type = 1

LeftHand.y < LeftHip.y LeftHand.y > LeftShoulders.y LeftHand.x < LeftKnee.x LeftHand.x < LeftElbow.x RightHand.y < RightHip.y RightHand.x > RightElbow.x RightHand.y > LeftShoulder.y LeftFoot.y <= RightKnee.y



Movement13:

Type = 2

RightHand.y < Head.y RightElbow.y < RightShoulders.y LeftHand.y >= torso.y RightFoot.x > LeftHand.x RightFoot.y <= LeftKnee.y



Movement14:

Type = 3

RightHand.y < Head.y RightHand.y > LeftHand.y LeftHand.y < Head.y RightFoot.x < RightHand.x RightFoot.y <= RightHip.y



Movement15:

Type
$$= 4$$

RightHand.y < Head.y RightHand.y > LeftHand.y LeftHand.y < Head.y RightFoot.x > LeftFoot.x



Movement16:

Type
$$= 5$$

LeftHand.y < Head.y LeftHand.x < LeftElbow.x RightHand.y > RightShoulder.y RightFoot.y <= RightHip.y RightFoot.x > LeftFoot.x



Movement17:

Type
$$= 6$$

LeftHand.y > LeftShoulder.y LeftHand.x < LeftElbow.x RightHand.y < Head.y RightFoot.x > LeftFoot.x RightFoot.y > LeftKnee.y



Movement18:

Type = 7

LeftHand.y < RightHand.y RightHand.y < Head.y RightFoot.y < RightHip.y RightFoot.y < RightKnee.y