Algoritmo 1: 1ª Árvore de Decisão

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termination ← FALSE;
if *SAD_Pred > 284* **then**
  if *RDCost_Pred > 306* **then**
    │ termination ← FALSE;
  else
    if *PredMode > 0* **then**
      if *QP = 32* **then**
        │ termination ← FALSE;
      else
        if *SAD_Pred <= 510* **then**
          │ termination ← TRUE;
        else
          │ termination ← FALSE;
    else
      if *SAD_Pred > 612* **then**
        if *RDCost_Pred > 86* **then**
          │ termination ← FALSE;
        else
          if *PUHeight <= 8* **then**
            │ termination ← FALSE;
          else
            if *SAD_Pred > 1577* **then**
              │ termination ← FALSE;
            else
              if *QP > 32* **then**
                │ termination ← TRUE;
              else
                if *PUWidht > 16* **then**
                  │ termination ← TRUE;
                else
                  if *PUHeight <= 24* **then**
                    │ termination ← FALSE;
                  else
                    │ termination ← TRUE;
      else
        if *RDCost_Pred > 241* **then**
          │ termination ← FALSE;
        else
          if *QP <= 32* **then**
            if *RDCost_Pred > 86* **then**
              │ termination ← FALSE;
            else
              if *QP <= 27* **then**
                if *PUHeight <= 8* **then**
                  │ termination ← FALSE;
                else
                  if *RDCost_Pred <= 24* **then**
                    │ termination ← TRUE;
                  else
                    │ termination ← FALSE;
              else
                if *PUWidht > 8* **then**
                  │ termination ← TRUE;
                else
                  if *SAD_Pred <= 387* **then**
                    │ termination ← TRUE;
                  else
                    │ termination ← FALSE;
          else
            if *RDCost_Pred <= 80* **then**
              │ termination ← TRUE;
            else
              if *CBDist_Pred <= 0* **then**
                │ termination ← FALSE;
              else
                if *RDCost_Pred <= 162* **then**
                  │ termination ← TRUE;
                else
                  if *PredMVVer > 1* **then**
                    │ termination ← FALSE;
                  else
                    if *SAD_Pred <= 404* **then**
                      │ termination ← TRUE;
                    else
                      │ termination ← FALSE;

else
  if *PredMode > 0* **then**
    if *QP > 27* **then**
      │ termination ← TRUE;
    else
      if *SAD_Pred <= 84* **then**
        │ termination ← TRUE;
      else
        if *QP > 22* **then**
          if *RDCost_Pred <= 72* **then**
            │ termination ← TRUE;
          else
            │ termination ← FALSE;
        else
          if *RDCost_Pred > 43* **then**
            │ termination ← FALSE;
          else
            if *Resolution <= 2073600* **then**
              │ termination ← FALSE;
            else
              │ termination ← TRUE;
  else
    if *RDCost_Pred > 86* **then**
      if *QP > 32* **then**
        if *RDCost_Pred <= 162* **then**
          │ termination ← TRUE;
        else
          if *CBDist_Pred <= 3* **then**
            │ termination ← FALSE;
          else
            │ termination ← TRUE;
      else
        if *CBDist_Pred <= 0* **then**
          │ termination ← FALSE;
        else
          if *QP <= 27* **then**
            │ termination ← FALSE;
          else
            if *RDCost_Pred > 150* **then**
              │ termination ← FALSE;
            else
              if *RDCost_Pred > 123* **then**
                │ termination ← TRUE;
              else
                if *CBDist_Pred <= 5* **then**
                  │ termination ← FALSE;
                else
                  │ termination ← TRUE;
    else
      if *QP > 27* **then**
        │ termination ← TRUE;
      else
        if *SAD_Pred <= 80* **then**
          │ termination ← TRUE;
        else
          if *RDCost_Pred <= 24* **then**
            │ termination ← TRUE;
          else
            if *QP <= 22* **then**
              if *RDCost_Pred > 32* **then**
                │ termination ← FALSE;
              else
                if *SAD_Pred <= 127* **then**
                  │ termination ← TRUE;
                else
                  │ termination ← FALSE;
            else
              if *SAD_Pred <= 116* **then**
                │ termination ← TRUE;
              else
                if *RDCost_Pred > 72* **then**
                  │ termination ← FALSE;
                else
                  if *CBDist_Pred <= 0* **then**
                    │ termination ← FALSE;
                  else
                    if *RDCost_Pred <= 48* **then**
                      │ termination ← TRUE;
                    else
                      if *RDCost_Pred <= 64* **then**
                        │ termination ← FALSE;
                      else
                        │ termination ← TRUE;