predict_on_video 对视频数据进行处理，返回视频内容真伪判断结果。predict_on_video 首先读取视频文件，进行视频帧解析抽取处理，然后依次将每一帧送入 FaceDetector 中进行人脸检测，根据检测结果截取到人脸区域后送入 Predictor 进行真伪判断，最后取各帧预测的置信度均值作为视频的预测结果。参考代码如下。

```python
def predict_on_video(face_detector, predictor, file_path, frames_per_
video):
    # 提取视频帧
    frames, frame_idx = sample_frame_from_video(file_path, num_frames
=frames_per_video)

    frame_predictions = []
    for i, frame in enumerate(frames):
        # 人脸检测
        boxes = face_detector.detect(frame)
        if boxes is None or len(boxes) == 0:
            frame_predictions.append(0.5)
            continue

        if boxes[0][0] < 0: boxes[0][0] = 0
        if boxes[0][1] < 0: boxes[0][1] = 0
        if boxes[0][2] > frame.shape[1] - 1: boxes[0][2] = frame.shape[1]
- 1
        if boxes[0][3] > frame.shape[0] - 1: boxes[0][3] = frame.shape[0]
- 1

        # 真伪预测
        face_img       =     frame[int(boxes[0][1]):     int(boxes[0][3]),
int(boxes[0][0]): int(boxes[0][2])]
        prediction = predictor.predict(face_img)
        frame_predictions.append(prediction)

    if frames is None:
        return 0.5
    return np.mean(frame_predictions)
```