tf.contrib.timeseries.saved_model_utils.predict_continuation

```
predict_continuation(
    continue_from,
    signatures,
    session,
    steps=None,
    times=None,
    exogenous_features=None
)
```

Defined in `tensorflow/contrib/timeseries/python/timeseries/saved_model_utils.py`.

Perform prediction using an exported saved model.

Analogous to _input_pipeline.predict_continuation_input_fn, but operates on a saved model rather than feeding into Estimator's predict method.

Args:

- `continue_from`: A dictionary containing the results of either an Estimator's evaluate method or filter_continuation. Used to determine the model state to make predictions starting from.
- `signatures`: The `MetaGraphDef` protocol buffer returned from `tf.saved_model.loader.load`. Used to determine the names of Tensors to feed and fetch. Must be from the same model as `continue_from`.
- `session`: The session to use. The session's graph must be the one into which `tf.saved_model.loader.load` loaded the model.
- `steps`: The number of steps to predict (scalar), starting after the evaluation or filtering. If `times` is specified, `steps` must not be; one is required.
- `times`: A [batch_size x window_size] array of integers (not a Tensor) indicating times to make predictions for. These times must be after the corresponding evaluation or filtering. If `steps` is specified, `times` must not be; one is required. If the batch dimension is omitted, it is assumed to be 1.
- `exogenous_features`: Optional dictionary. If specified, indicates exogenous features for the model to use while making the predictions. Values must have shape [batch_size x window_size x ...], where `batch_size` matches the batch dimension used when creating `continue_from`, and `window_size` is either the `steps` argument or the `window_size` of the `times` argument (depending on which was specified).

Returns:

A dictionary with model-specific predictions (typically having keys "mean" and "covariance") and a feature_keys.PredictionResults.TIMES key indicating the times for which the predictions were computed.

Raises:

- `ValueError`: If `times` or `steps` are misspecified.

Last updated November 2, 2017.